

## N86 - Roncesvalles Profile: Mothers and Babies

| Birth Indicators                                           | Toronto |           | Roncesvalles |           |                |              |
|------------------------------------------------------------|---------|-----------|--------------|-----------|----------------|--------------|
|                                                            | Count   | % or Rate | Count        | % or Rate | 95% CI         | Rate Ratio** |
| <b>Hospital Births</b>                                     |         |           |              |           |                |              |
| 1996                                                       | 33,529  |           | 260          | 0.5       |                |              |
| 1997                                                       | 32,307  |           | 215          | 0.7       |                |              |
| 1998                                                       | 31,700  |           | 232          | 0.7       |                |              |
| 1999                                                       | 31,085  |           | 229          | 0.7       |                |              |
| 2000                                                       | 30,890  |           | 200          | 0.6       |                |              |
| 2001                                                       | 31,134  |           | 228          | 0.7       |                |              |
| 2002                                                       | 30,522  |           | 194          | 0.6       |                |              |
| <b>Fertility Rate***</b>                                   |         |           |              |           |                |              |
| Total Hospital Births to Women 15-49 years, 2000-02        | 92,546  |           | 622          |           |                |              |
| # of Women 15-49 years, 2001                               | 677,550 |           | 4,720        |           |                |              |
| 3-year Ave # of Births /1,000 women 15-49 years            |         | 45.53     |              | 43.93     | (37.95, 49.91) | 0.96 NS      |
| <b>Teen Birth Rate***</b>                                  |         |           |              |           |                |              |
| Total Hospital Births to Women 15-19 years, 1997-01        | 5,604   |           | 28           |           |                |              |
| # of Women 15-19 years, 2001                               | 69,855  |           | 340          |           |                |              |
| 5-year Ave # of Births /1,000 women 15-19 years            |         | 16.04     |              | 16.47     | (2.83, 30.11)  | 1.03 NS      |
| <b>Low Birthweight (LBW) - Total Births****</b>            |         |           |              |           |                |              |
| Total Hospital Births: Known Birthweight, 2000-02          | 92,541  |           | 622          |           |                |              |
| # LBW (Birthweight <2500 grams)                            | 6,144   |           | 42           |           |                |              |
| % LBW (Birthweight <2500 grams)                            |         | 6.6       |              | 6.7       | (4.8, 8.7)     | 1.02 NS      |
| <b>Low Birthweight (LBW) - Singleton Births</b>            |         |           |              |           |                |              |
| Singleton Registered Births: Known Birthweight, 1996-00    | 143,454 |           | 1,079        |           |                |              |
| # LBW (Birthweight <2500 grams)                            | 7,399   |           | 42           |           |                |              |
| % LBW (Birthweight <2500 grams)                            |         | 5.2       |              | 3.9       | (2.7, 5.0)     | 0.75 L       |
| <b>Births by Mother's Country of Birth (MCOB)</b>          |         |           |              |           |                |              |
| # of Registered Births by MCOB, 2001                       | 28,631  |           | 202          |           |                |              |
| # & % of Births to Mothers not Born in Canada              | 18,813  | 65.7      | 116          | 57.4      |                |              |
| <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  |           | 204          |           |                |              |
| # & % Received at Least 5 Immunizations by Age 5           | 18,727  | 67.9      | 131          | 64.2      | (57.6, 70.8)   | 0.95 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.

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>