

## N54 – O'Connor-Parkview Profile: Mothers and Babies

| Birth Indicators                                        | City of Toronto                                                  |           | Toronto Central LHIN                                           |           | O'Connor-Parkview |           |             |              |
|---------------------------------------------------------|------------------------------------------------------------------|-----------|----------------------------------------------------------------|-----------|-------------------|-----------|-------------|--------------|
|                                                         | Count                                                            | % or Rate | Count                                                          | % or Rate | Count             | % or Rate | 95% CI      | Rate Ratio** |
| <b>Hospital Births</b>                                  |                                                                  |           |                                                                |           |                   |           |             |              |
| 2003                                                    | 30,272                                                           |           | 13,144                                                         | 43.4      | 244               | 0.8       |             |              |
| 2004                                                    | 30,477                                                           |           | 13,326                                                         | 43.7      | 225               | 0.7       |             |              |
| 2005                                                    | 30,560                                                           |           | 13,075                                                         | 42.8      | 237               | 0.8       |             |              |
| <b>Fertility Rate***</b>                                |                                                                  |           |                                                                |           |                   |           |             |              |
| Total Hospital Births to Women 15-49 years, 2003-05     | 89,861                                                           |           | 38,829                                                         |           | 685               |           |             |              |
| # of Women 15-49 years, 2006                            | 670,035                                                          |           | 303,100                                                        |           | 4,590             |           |             |              |
| 3-year Ave # of Births /1,000 women 15-49 years         |                                                                  | 44.70     |                                                                | 42.70     |                   | 49.75     | 43.29-56.20 | 1.11 NS      |
| <b>Teen Birth Rate***</b>                               |                                                                  |           |                                                                |           |                   |           |             |              |
| Total Hospital Births to Women 15-19 years, 2003-05     | 2,553                                                            |           | 990                                                            |           | 29                |           |             |              |
| # of Women 15-19 years, 2006                            | 71,160                                                           |           | 27,005                                                         |           | 520               |           |             |              |
| 3-year Ave # of Births /1,000 women 15-19 years         |                                                                  | 11.96     |                                                                | 12.22     |                   | 18.59     | 6.87-30.31  | 1.55 NS      |
| <b>Teen Pregnancy Rate***</b>                           |                                                                  |           |                                                                |           |                   |           |             |              |
| Total Pregnancies to Women 15-19 years, 2003-05         | 6,873                                                            |           | 2,782                                                          |           | 65                |           |             |              |
| # of Women 15-19 years, 2006                            | 71,160                                                           |           | 27,005                                                         |           | 520               |           |             |              |
| 3-year Ave # of Pregnancies /1,000 women 15-19 years    |                                                                  | 32.20     |                                                                | 34.34     |                   | 41.67     | 24.12-59.21 | 1.29 NS      |
| <b>Low Birthweight (LBW) - Total Births****</b>         |                                                                  |           |                                                                |           |                   |           |             |              |
| Total Hospital Births: Known Birthweight, 2003-05       | 91,308                                                           |           | 39,544                                                         |           | 706               |           |             |              |
| # LBW (Birthweight <2500 grams)                         | 6,432                                                            |           | 2,599                                                          |           | 56                |           |             |              |
| % LBW (Birthweight <2500 grams)                         |                                                                  | 7.0       |                                                                | 6.6       |                   | 7.9       | 5.94-9.93   | 1.13 NS      |
| <b>Low Birthweight (LBW) - Singleton Births</b>         |                                                                  |           |                                                                |           |                   |           |             |              |
| Singleton Registered Births: Known Birthweight, 2001-03 | 82,879                                                           |           | 35,929                                                         |           | 716               |           |             |              |
| # LBW (Birthweight <2500 grams)                         | 4,201                                                            |           | 1,626                                                          |           | 31                |           |             |              |
| % LBW (Birthweight <2500 grams)                         |                                                                  | 5.1       |                                                                | 4.5       |                   | 4.3       | 2.84-5.82   | 0.85 NS      |
| <b>Births by Mother's Country of Birth (MCOB)</b>       |                                                                  |           |                                                                |           |                   |           |             |              |
| # of Registered Births by MCOB, 2003                    | 28,306                                                           |           | 12,353                                                         |           | 225               |           |             |              |
| # and % of Births to Mothers not Born in Canada         | 18,603                                                           | 65.7      | 6,795                                                          | 55.0      | 121               | 53.8      |             |              |
| Top 3 Mother's Country of Birth (# and %)               | China-1,932, 10.4%<br>India-1,535, 8.3%<br>Sri Lanka-1,415, 7.6% |           | China-579, 8.5%<br>Philippines-484, 7.1%<br>Pakistan-479, 7.0% |           |                   |           |             |              |

**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 are likely to be unstable and imprecise.

\*\* Rate ratios for both sexes 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. Pregnancy rate includes the number of deliveries (used to estimate the number of livebirths and stillbirths) and the number of therapeutic abortions.

\*\*\*\* 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), Feb. 2007.

Data Limitations: A number of live births are not reported in the provincial vital statistics each year. The number of unreported births is believed to be increasing each year. An analysis of missing births revealed that in 1997, an estimated 3.2% of Toronto live births were not reported and is disproportionately higher among mothers under 20 years old, low birthweight births and pre-term births. Therefore, the number of low birth weight births and pre-term births in 1997 may be higher than reported. The same trend is believed to be true for live birth data for the years 2001 to 2003.

#### Hospital Births

Indicator: Total Hospital Births, % LBW Total Hospital Births, Teen Birth Rate, Fertility Rate, Pregnancy Rate (number of deliveries and therapeutic abortions).

Source: Ontario Hospital Inpatient Data and Therapeutic Abortion Data, Provincial Health Planning Database (PHPDB) Version 17.0, 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).

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