

## N82 - Niagara Profile: Mothers and Babies

Birth Indicators	Toronto		Niagara			
	Count	% or Rate	Count	% or Rate	95% CI	Rate Ratio**
<b>Hospital Births</b>						
1996	33,529		108	0.3		
1997	32,307		99	0.3		
1998	31,700		85	0.3		
1999	31,085		82	0.3		
2000	30,890		129	0.4		
2001	31,134		129	0.4		
2002	30,522		140	0.5		
<b>Fertility Rate***</b>						
Total Hospital Births to Women 15-49 years, 2000-02	92,546		398			
# of Women 15-49 years, 2001	677,550		3,975			
3-year Ave # of Births /1,000 women 15-49 years		45.53		33.38	(27.70, 39.05)	0.73 L
<b>Teen Birth Rate***</b>						
Total Hospital Births to Women 15-19 years, 1997-01	5,604		22			
# of Women 15-19 years, 2001	69,855		195			
5-year Ave # of Births /1,000 women 15-19 years		16.04		22.56	(1.48, 43.65)	1.41 NS
<b>Low Birthweight (LBW) - Total Births****</b>						
Total Hospital Births: Known Birthweight, 2000-02	92,541		398			
# LBW (Birthweight <2500 grams)	6,144		14			
% LBW (Birthweight <2500 grams)		6.6		3.5 *	(1.7, 5.3)	0.53 L
<b>Low Birthweight (LBW) - Singleton Births</b>						
Singleton Registered Births: Known Birthweight, 1996-00	143,454		485			
# LBW (Birthweight <2500 grams)	7,399		19			
% LBW (Birthweight <2500 grams)		5.2		3.9 *	(2.2, 5.6)	0.76 NS
<b>Births by Mother's Country of Birth (MCOB)</b>						
# of Registered Births by MCOB, 2001	28,631		109			
# & % of Births to Mothers not Born in Canada	18,813	65.7	63	57.8		
<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		81			
# & % Received at Least 5 Immunizations by Age 5	18,727	67.9	58	71.6	(61.8, 81.4)	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.

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>