

## LHPA 34 - Malvern Profile: Mothers and Babies

Birth Indicators	Toronto		Malvern			
	Count	% or Rate	Count	% or Rate	95% CI	Rate Ratio**
<b>Hospital Births</b>						
1996	33,529		681	2.0		
1997	32,307		699	2.2		
1998	31,700		643	2.0		
1999	31,085		658	2.1		
2000	30,890		724	2.3		
2001	31,134		697	2.2		
2002	30,522		669	2.2		
<b>Fertility Rate***</b>						
Total Hospital Births to Women 15-49 years, 2000-02	92,456		2,090			
# of Women 15-49 years, 2001	677,550		12,510			
3-year Ave # of Births /1,000 women 15-49 years		45.53		55.69	(51.55, 59.82)	1.22 H
<b>Teen Birth Rate***</b>						
Total Hospital Births to Women 15-19 years, 1997-01	5,604		168			
# of Women 15-19 years, 2001	69,855		1,630			
5-year Ave # of Births /1,000 women 15-19 years		16.04		20.61	(13.64, 27.58)	1.28 NS
<b>Low Birthweight (LBW) - Total Births****</b>						
Total Hospital Births: Known Birthweight, 2000-02	92,541		2,090			
# LBW (Birthweight <2500 grams)	6,144		154			
% LBW (Birthweight <2500 grams)		6.6		7.4	(6.2, 8.5)	1.11 NS
<b>Low Birthweight (LBW) - Singleton Births</b>						
Singleton Registered Births: Known Birthweight, 1996-00	143,454		3,080			
# LBW (Birthweight <2500 grams)	7,399		199			
% LBW (Birthweight <2500 grams)		5.2		6.5	(5.6, 7.3)	1.25 H
<b>Births by Mother's Country of Birth (MCOB)</b>						
# of Registered Births by MCOB, 2001	28,631		630			
# & % of Births to Mothers not Born in Canada	18,813	65.7	510	81.0		
Top 3 Mother's Country of Birth (# & %)						
China - 1,725		9.2	SriLanka - 118	23.1		
India - 1,558		8.3	India - 73	14.3		
SriLanka - 1,545		8.2	Jamaica - 53	10.4		
<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		591			
# & % Received at Least 5 Immunizations by Age 5	18727	67.9	388	65.7	(61.8, 69.5)	0.97 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.

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>