

### Minor HPA 5b - Rouge Profile: Mothers and Babies

Birth Indicators	Toronto		Rouge			
	Count	% or Rate	Count	% or Rate	95% CI	Rate Ratio**
<b>Hospital Births</b>						
1996	33,529		1,232	3.7		
1997	32,307		1,287	4.0		
1998	31,700		1,240	3.9		
1999	31,085		1,256	4.0		
2000	30,890		1,314	4.3		
2001	31,134		1,317	4.2		
2002	30,522		1,267	4.2		
<b>Fertility Rate***</b>						
Total Hospital Births to Women 15-49 years, 2000-02	92,546		10,095			
# of Women 15-49 years, 2001	677,550		27,290			
3-year Ave # of Births /1,000 women 15-49 years		45.53		47.61	(45.02, 50.20)	1.05 NS
<b>Teen Birth Rate***</b>						
Total Hospital Births to Women 15-19 years, 1997-01	5,604		269			
# of Women 15-19 years, 2001	69,855		3,735			
5-year Ave # of Births /1,000 women 15-19 years		16.04		14.40	1(10.56, 18.25)	0.90 NS
<b>Low Birthweight (LBW) - Total Births****</b>						
Total Hospital Births: Known Birthweight, 2000-02	92,541		3,898			
# LBW (Birthweight <2500 grams)	6,144		285			
% LBW (Birthweight <2500 grams)		6.6		7.3	(6.5, 8.1)	1.10 NS
<b>Low Birthweight (LBW) - Singleton Births</b>						
Singleton Registered Births: Known Birthweight, 1996-00	143,454		5,829			
# LBW (Birthweight <2500 grams)	7,399		364			
% LBW (Birthweight <2500 grams)		5.2		6.2	(5.6, 6.9)	1.21 H
<b>Births by Mother's Country of Birth (MCOB)</b>						
# of Registered Births by MCOB, 2001	28,631		1,220			
# & % of Births to Mothers not Born in Canada	18,813	65.7	846	69.3	69.3	
Top 3 Mother's Country of Birth (# & %)						
China - 1,725		9.2	SriLanka - 160	18.9	18.9	
India - 1,558		8.3	India - 114	13.5	13.5	
SriLanka - 1,545		8.2	Jamaica - 91	10.8	10.8	
<b>Infant Health Indicators</b>						
<b>Infant Mortality</b>						
Total Hospital Births, 1996-98	95,831		3,724			
Infant Deaths (# & Rate /1000 births)	560	5.84	29	7.79	(7.54, 8.04)	1.33 H
<b>Immunization rate (children 0 to &lt; 2 years)*****</b>						
# of Children born between July 96-July 97	27,562		1,124			
# & % Received at Least 5 Immunizations by Age 2	18727	67.9	758	67.4	(64.7,70.2)	0.99 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 tables 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.

\*\*\*\* 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 Mortality

Indicator: Infant Mortality Rate

Source: Statistics Canada, Vital Statistics and Newborn Inpatient Records, Ontario Hospital Inpatient Data, Provincial Health Planning Database (PHPDB) Versions:13.10 and 14.02, Health Planning Branch, Ontario MOHLTC.

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>