

Minor HPA 3a - Willowdale Profile: Mothers and Babies

Birth Indicators	Toronto		Willowdale			
	Count	% or Rate	Count	% or Rate	95% CI	Rate Ratio**
Hospital Births						
1996	33,529		1,709	5.1		
1997	32,307		1,686	5.2		
1998	31,700		1,628	5.1		
1999	31,085		1,559	5.0		
2000	30,890		1,662	5.4		
2001	31,134		1,649	5.3		
2002	30,522		1,721	5.6		
Fertility Rate***						
Total Hospital Births to Women 15-49 years, 2000-02	92,546		5,032			
# of Women 15-49 years, 2001	677,550		49,555			
3-year Ave # of Births /1,000 women 15-49 years		45.53		33.85	(32.23, 35.47)	0.74 L
Teen Birth Rate***						
Total Hospital Births to Women 15-19 years, 1997-01	5,604		150			
# of Women 15-19 years, 2001	69,855		6,140			
5-year Ave # of Births /1,000 women 15-19 years		16.04		4.89	(3.14, 6.63)	0.30 L
Low Birthweight (LBW) - Total Births****						
Total Hospital Births: Known Birthweight, 2000-02	92,541		5,032			
# LBW (Birthweight <2500 grams)	6,144		314			
% LBW (Birthweight <2500 grams)		6.6		6.2	(5.6, 6.9)	0.94 NS
Low Birthweight (LBW) - Singleton Births						
Singleton Registered Births: Known Birthweight, 1996-00	143,454		7,532			
# LBW (Birthweight <2500 grams)	7,399		382			
% LBW (Birthweight <2500 grams)		5.2		5.1	(4.6, 5.6)	0.98 NS
Births by Mother's Country of Birth (MCOB)						
# of Registered Births by MCOB, 2001	28,631		1,520			
# & % of Births to Mothers not Born in Canada	18,813	65.7	1,092	71.8		
China - 1,725		9.2	China - 218	20.0		
India - 1,558		8.3	Philippines - 90	8.2		
SriLanka - 1,545		8.2	Korea - 68	6.2		
Infant Health Indicators						
Infant Mortality						
Total Hospital Births, 1996-98	95,831		4,970			
Infant Deaths (# & Rate /1000 births)	560	5.84	24	4.83	(4.69, 4.96)	0.83 L
Immunization rate (children 0 to < 2 years)*****						
# of Children born between July 96-July 97	27,562		1,474			
# & % Received at Least 5 Immunizations by Age 2	18,727	67.9	1,103	74.8	(72.6,77)	1.10 H

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>