

## SURVEILLANCE PERINATAL INDICATORS: ANNUAL REPORT

### VANCOUVER COASTAL HEALTH AUTHORITY RESIDENTS DELIVERING IN BC

Indicator	2004/ 05	2005/ 06	2006/ 07	2007/ 08	2008/ 09	2009/ 10	2010/ 11	2011/ 12	2012/ 13	2013/ 14
<b>Deliveries (Mothers) - Number</b>	<b>9,555</b>	<b>9,761</b>	<b>10,039</b>	<b>10,280</b>	<b>10,498</b>	<b>10,302</b>	<b>10,191</b>	<b>10,133</b>	<b>10,781</b>	<b>10,446</b>
Maternal Age at Delivery (mean in years)	32	32	32	32	32	32	32	32	33	33
Maternal Age at Delivery ≥35 Years (rate per 100 deliveries)	32.2	32.9	33.7	34.6	34.6	34.7	35.1	35.1	35.3	35.3
Maternal Age at First Delivery (mean in years)	31	31	31	31	31	31	31	31	31	31
Maternal Age at First Delivery ≥35 Years (rate per 100 first time deliveries)	23.8	24.8	24.6	25.1	25.6	25.4	25.9	26.0	25.6	25.9
First Time Mothers (rate per 100 deliveries)	51.5	51.4	51.3	51.8	51.8	52.4	53.8	52.8	53.6	53.8
First Time Mothers with <5 Antenatal Visits (rate per 100 first time deliveries)	4.5	4.6	4.9	4.9	6.0	6.6	5.1	5.3	6.5	6.3
Pre-Pregnancy BMI ≥30 kg/m <sup>2</sup> (rate per 100 mothers)	5.4	6.1	5.7	6.0	6.8	6.7	6.3	7.2	6.5	6.7
Unknown Pre-Pregnancy BMI (rate per 100 deliveries)	28.5	27.5	32.2	33.2	34.7	33.6	34.1	29.4	28.5	28.1
Smoking During Pregnancy (rate per 100 deliveries)	4.3	4.3	4.1	3.4	3.6	3.4	3.5	3.2	2.2	2.2
Labour Induction (rate per 100 deliveries)	16.7	17.8	17.6	19.6	18.9	18.6	19.2	19.2	18.3	19.9
Intermittent Auscultation Only (rate per 100 deliveries with labour)	19.8	21.7	23.9	23.0	22.3	25.8	29.1	27.1	27.3	27.2
Epidural Use in First Time Mothers with Labour (rate per 100 first time mothers with labour)	56.1	57.6	57.4	60.0	59.4	59.5	59.6	60.1	58.6	58.0
Cesarean Delivery (rate per 100 deliveries)	28.5	29.7	29.5	30.6	30.6	30.9	31.6	30.5	31.0	31.1
Delivery Care Provider (rate per 100 deliveries)										
Obstetrician	61.1	61.1	60.6	62.0	60.6	62.3	61.7	62.5	62.5	61.0
Family Physician	30.7	29.3	29.4	27.8	27.3	25.1	23.5	22.6	22.4	23.0
Midwife	5.4	6.6	7.1	7.6	9.2	10.4	12.5	12.9	13.2	14.4
Other	2.9	2.9	2.9	2.5	2.8	2.3	2.3	2.0	1.9	1.6
Postpartum Length of Stay after Vaginal Delivery (mean in hours)	44.8	45.6	45.6	45.3	44.0	43.7	43.3	43.7	43.7	43.4
Postpartum Length of Stay after Cesarean Delivery (mean in hours)	82.6	81.2	76.9	76.5	74.6	72.7	73.2	73.0	71.7	71.1
Deliveries Outside of Home Health Authority (rate per 100 deliveries)	4.0	3.9	3.6	4.0	4.3	3.3	3.4	3.1	2.9	2.9
<b>Births (Babies) - Number</b>	<b>9,707</b>	<b>9,915</b>	<b>10,202</b>	<b>10,458</b>	<b>10,667</b>	<b>10,496</b>	<b>10,383</b>	<b>10,338</b>	<b>10,984</b>	<b>10,643</b>
Crude Stillbirth Rate (per 1,000 total births)	7.9	7.5	9.9	10.1	10.4	11.0	9.7	9.0	10.7	9.3
Stillbirth Rate ≥500 g (per 1,000 total births ≥500 g)	3.2	1.6	4.2	3.5	2.6	1.9	2.1	1.6	1.3	1.6
Multiple Births (rate per 100 live births)	3.0	3.1	3.1	3.3	3.2	3.6	3.6	3.9	3.6	3.6
Preterm Births <37 Weeks (rate per 100 live births)	9.6	9.7	9.4	9.7	9.4	9.4	9.7	9.3	9.6	9.4
Spontaneous	5.4	5.2	5.0	5.1	5.5	5.0	4.9	4.9	4.9	4.6
Iatrogenic	4.2	4.5	4.4	4.7	3.8	4.4	4.8	4.3	4.8	4.8
Infants Receiving Exclusive Breast Milk During Birth Admission (rate per 100 live term births)	63.1	64.1	64.4	65.3	67.2	68.3	70.7	74.3	74.3	75.7
Proportion of Total BC Resident Births	23.9	24.2	24.2	23.6	23.8	23.2	23.5	23.2	24.6	24.2

Data Source: BC Perinatal Data Registry

Data Generated On: January 29, 2015

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All pregnancy outcomes that satisfy the definition of live birth or stillbirth (including pregnancy terminations) are included.

[Please refer to Technical Notes for methodology, limitations, and descriptions of indicators.](#)