

SURVEILLANCE PERINATAL INDICATORS: QUARTERLY REPORT

Indicator	2011/12	2012/13	2013/14	2014/15	2015/16					2016/17 [^]				
	YTD	YTD	YTD	YTD	Q1	Q2	Q3	Q4	YTD	Q1	Q2	Q3	Q4	YTD
Deliveries (Mothers): Number	43,595	43,906	43,148	43,663	11,061	11,555	10,597	10,697	43,910	11,218	11,821	10,838	10,486	44,363
Labour Induction (rate per 100 deliveries)	21.2	20.4	21.2	21.3	21.7	22.6	23.1	23.1	22.6	22.6	22.8	23.4	23.8	23.1
Cesarean Delivery (rate per 100 deliveries)	30.9	31.2	31.5	32.2	31.8	32.0	32.5	33.9	32.5	33.0	34.2	34.1	34.1	33.9
Pre-Pregnancy Body Mass Index Category (rate per 100 mothers with known BMI)														
Underweight	5.7	6.1	5.7	6.0	5.5	6.0	5.2	5.7	5.6	5.0	6.1	6.4	5.6	5.8
Normal	60.1	60.5	60.0	60.4	59.2	59.1	60.0	59.1	59.4	59.6	57.9	58.8	57.5	58.5
Overweight	21.2	20.1	20.7	20.5	21.0	20.7	20.9	21.5	21.0	21.1	21.6	21.0	22.7	21.6
Obese	12.9	13.0	13.7	13.1	14.3	14.2	13.9	13.8	14.0	14.3	14.4	13.8	14.2	14.2
Pre-Pregnancy Body Mass Index Unknown (rate per 100 mothers)	26.8	24.8	24.1	23.8	22.9	23.0	23.1	23.2	23.0	23.3	23.3	22.0	21.7	22.6
Maternal Transfers to Higher Level of Care Following Delivery [§] (rate per 1,000 deliveries)	5.7	5.2	5.9	7.5	8.1	8.7	9.2	7.6	8.4	8.6	9.4	7.5	8.9	8.6
Births (Babies)[†]: Number	44,340	44,633	43,892	44,425	11,246	11,751	10,783	10,858	44,638	11,408	12,020	11,002	10,661	45,091
Stillbirth Rate (rate per 1,000 total births)	9.8	9.4	10.5	11.3	10.5	10.1	11.6	12.9	11.2	10.9	11.0	12.2	11.3	11.3
Antepartum	8.1	7.9	9.2	9.8	8.9	8.6	10.6	12.0	10.0	9.4	9.2	10.8	9.9	9.8
Intrapartum	0.6	0.5	0.4	0.5	0.7	0.9	0.4	0.5	0.6	0.4	0.4	0.5	0.7	0.5
Unknown	1.1	1.0	0.8	1.1	0.9	0.7	0.6	0.5	0.7	1.1	1.3	0.9	0.7	1.0
Live Births by Gestational Age, Weeks (%) [¶]														
<34	2.4	2.4	2.4	2.4	2.4	2.5	2.3	2.2	2.3	2.3	2.3	2.2	2.3	2.3
34-36	7.2	7.6	7.7	7.8	7.7	7.7	8.6	8.0	8.0	8.2	8.6	8.1	8.5	8.4
37-40	80.1	80.2	80.6	80.7	81.3	81.1	81.1	81.8	81.3	81.7	80.9	82.3	81.9	81.7
41+	10.3	9.7	9.3	9.0	8.7	8.7	8.0	8.1	8.4	7.8	8.2	7.4	7.3	7.7
Unknown	0.04	0.01	0.02	0.01	0.03	0.02	0.00	0.02	0.02	0.03	0.02	0.04	0.00	0.02
Preterm Neonatal Intensive Care Use [‡] (rate per 1,000 live births)	34.2	35.7	35.0	36.8	36.1	37.7	40.5	36.7	37.7	38.9	40.5	39.4	43.4	40.5
>2 days	25.5	25.6	21.0	28.5	28.3	29.8	31.2	28.6	29.5	30.3	32.0	31.8	32.6	31.7
Sepsis	1.0	1.4	1.7	2.0	2.2	2.1	2.3	1.3	2.0	1.2	1.7	2.5	1.3	1.7
Ventilatory Support	6.8	6.7	7.4	6.7	7.1	6.4	7.1	6.0	6.6	6.8	6.1	7.4	5.8	6.5
Term Neonatal Intensive Care Use [‡] (rate per 1,000 live births)	23.1	24.6	26.7	30.1	34.5	33.0	29.8	34.1	32.9	30.5	29.9	30.1	30.6	30.3
>2 days	6.3	6.1	8.0	11.9	13.7	14.3	12.3	13.9	13.5	12.5	12.6	11.2	11.1	11.9
Sepsis	0.6	0.3	1.1	1.0	0.9	0.7	0.7	1.4	0.9	1.1	0.9	0.8	0.8	0.9
Ventilatory Support	1.9	2.4	2.4	2.7	3.1	3.5	2.2	3.0	3.0	2.3	2.2	2.3	2.4	2.3
Term Infants Receiving Exclusive Breast Milk During Birth Admission (rate per 100 live term births)	72.7	72.3	73.0	72.9	73.5	73.7	72.6	72.4	73.1	73.3	72.8	71.1	70.1	71.9
Neonatal Transfers to Higher Level of Care Following Birth (rate per 1,000 live births)	11.4	11.2	11.2	13.5	14.4	13.2	13.9	13.4	13.7	13.6	14.9	12.1	14.8	13.9
Neonatal Deaths (rate per 1,000 live births)	3.0	2.8	2.7	2.5	2.2	2.5	2.1	2.0	2.2	2.8	1.9	2.4	1.5	2.2

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Data Source: BC Perinatal Data Registry

[§]Maternal transfers to higher level of care - added Surrey Memorial Hospital to 2nd Tier Hospitals effective April 1, 2013 discharges.

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[¶]Gestational Age Calculation - revised effective April 1, 2013.

[‡]Neonatal Intensive Care Use - During the Birth Episode of Care, baby required Level 2a, 2b, 3a, OR 3b care (as defined by the PSBC Neonatal Daily Classification Tool) for at least one day.

[^]Data for the 2016/17 fiscal year should be interpreted with caution because data entry for deliveries at home is ongoing. Incomplete home delivery data represents less than 1% of all deliveries in BC and approximately 10-20% of all deliveries at home.

Please see the Summary of Changes on Page 2 for changes to the indicators since the last report.