

## Preterm Births, Waterloo Region, 2013, 2014 and 2015

Table 1. Number and rate of live births, by length of gestation, Waterloo Region, 2013, 2014, 2015

Place of Residence	Length of Gestation	Number of weeks	Number of live births			Birth rate		
			2013	2014	2015	2013	2014	2015
Waterloo Region	<b>Preterm</b>	<b>Less than 37 weeks</b>	451	427	417	7.7	7.1	7.0
	Very preterm	Less than 32 weeks	62	78	62	1.1	1.3	1.0
	Moderate to late preterm	32 to 36 weeks	389	349	355	6.6	5.8	5.9
	<b>Term</b>	<b>37 to 41 weeks</b>	5,371	5,566	5,508	91.7	92.4	92.3
	<b>Postterm</b>	<b>42 weeks or more</b>	38	34	43	0.6	0.6	0.7
Ontario	<b>Preterm</b>	<b>Less than 37 weeks</b>	11,493	11,084	10,887	8.2	8.0	7.9
	Very preterm	Less than 32 weeks	1,968	1,874	1,757	1.4	1.3	1.3
	Moderate to late preterm	32 to 36 weeks	9,525	9,210	9,130	6.8	6.6	6.6
	<b>Term</b>	<b>37 to 41 weeks</b>	127,663	127,521	127,058	91.3	91.5	91.7
	<b>Postterm</b>	<b>42 weeks or more</b>	727	713	661	0.5	0.5	0.5

### Definition:

Number of live births with a gestational age at birth of less than 37 completed weeks. Preterm births rate is defined as the number of preterm births per 100 live births

**Table 2. Number and rate of preterm births (less than 37 weeks' gestation), by maternal age, municipality, type of birth and maternal smoking status during pregnancy, Waterloo Region, 2015**

	Measure	Number	Rate
<b>Maternal age group</b>	<b>19 years or younger</b>	11	7.7%
	<b>20 to 24 years</b>	67	9.4%
	<b>25 to 29 years</b>	137	7.6%
	<b>30 to 34 years</b>	124	5.7%
	<b>35 to 39 years</b>	67	7.1%
	<b>40 years or older</b>	11	5.9%
<b>Municipality</b>	<b>Cambridge</b>	124	8.6%
	<b>Kitchener</b>	193	7.1%
	<b>Waterloo</b>	7	8.0%
	<b>North Dumfries</b>	49	5.3%
	<b>Wellesley</b>	9	6.9%
	<b>Wilmot</b>	13	5.5%
	<b>Woolwich</b>	13	4.7%
<b>Type of Birth</b>	<b>Singleton</b>	305	5.3%
	<b>Multiple birth</b>	112	54.1%
<b>Maternal smoking at labour</b>	<b>Yes</b>	43	8.9%
	<b>No</b>	362	6.6%

## Definition (continued):

Length of gestation categories:

- Very preterm – less than 32 weeks
- Moderate to late preterm – 32 to 36 weeks
- Preterm (all) – less than 37 weeks
- Term – 37 to 41 weeks
- Postterm – 42 weeks or more

## Limitations and Notes:

Gestational age data can be affected by recall errors, post-conception bleeding, irregular or long/short menstrual cycles, delayed ovulation, pregnant women or partner's desires to indicate a later conception, and unrecognized fetal loss.

A live birth is defined as the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of the pregnancy, which, after such separation, breathes or shows any other evidence of life such as heartbeat, umbilical cord pulsation, or definite movement of voluntary muscles, whether the umbilical cord has been cut or the placenta is attached. A live birth is not necessarily a viable birth.

## Limitations and Notes (continued);

The Census subdivisions/Municipalities of Cambridge, Kitchener, North Dumfries, Waterloo, Wellesley, Wilmot, and Woolwich used are based on postal code and the latest PCCF from Statistics Canada.

For Waterloo Region, approximately 94.6% of hospitals and 95.1% of Midwifery Practice Groups have acknowledged that their monthly data entry has been verified and is complete for calendar year 2015. Information on pregnancies and births can be added or updated to the BORN Information System at any time. The information summarized in this report represents what was available in the BORN Information System at the date of extraction. These data are provisional and subject to change.

## Source:

BORN Information System (2013, 2014, and 2015), Extracted: July 12, 2016

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