

Low birth weight

Low birth weight (LBW) is when an infant is born weighing 5 pounds, 5 ounces (2500g) or less. There were over 1,200 infants born with low birth weight from 2016-2018. Figure 1 shows trends in low birth weight by race and ethnicity for Dane County, while Table 1 shows the 3-year rates associated with the figure. There was a statistically significant increase in percent low birth weight among infants born to Hispanic women from 2009 to 2018. There was no statistical change in percent low birth weight among other racial and ethnic groups.

Figure 1. Trends in low birth weight by race and ethnicity, 2009-2018*

*3-year rates associated with this graph can be found in Table 1

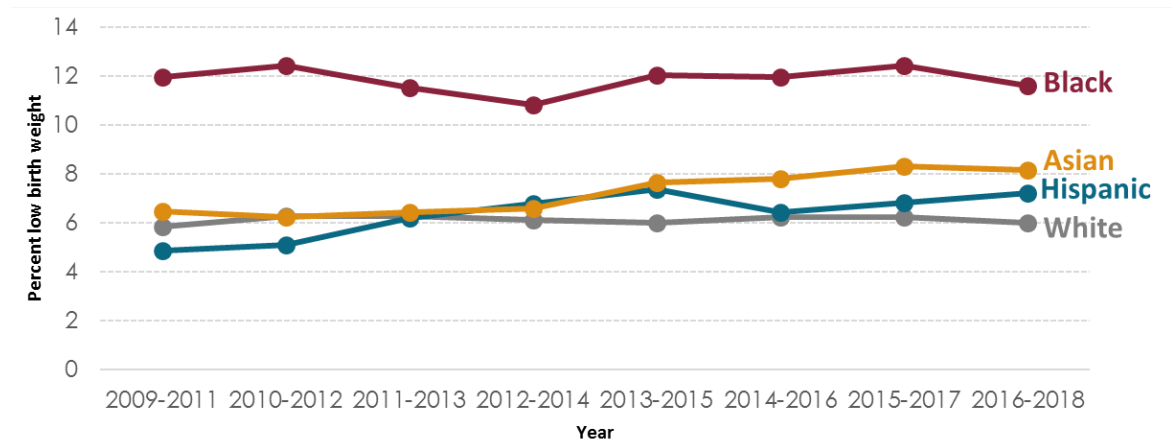


Table 1. 3-year rates in low birth weight by race and ethnicity, 2009-2018

Year	All	White	Black	Hispanic	Asian
	% LBW	% LBW	% LBW	% LBW	% LBW
2009-2011	6.3	5.9	12.0	4.9	6.5
2010-2012	6.7	6.3	12.4	5.1	6.3
2011-2013	6.8	6.3	11.5	6.2	6.4
2012-2014	6.7	6.1	10.8	6.8	6.6
2013-2015	6.9	6.0	12.1	7.4	7.6
2014-2016	7.0	6.2	12.0	6.4	7.8
2015-2017	7.1	6.2	12.4	6.8	8.3
2016-2018*	6.9	6.0	11.6	7.2	8.2

*2018 data are provisional data and may differ from estimates produced when vital records are finalized in 2019

Infant mortality

Infant mortality is when an infant dies before his or her first birthday . There were over 90 infant deaths from 2016-2018. Figure 1 shows trends in infant mortality by race and ethnicity for Dane County, while Table 2 shows the 3-year rates associated with the figure.. There was no statistically significant change in infant mortality rates for any racial or ethnic group from 2009 to 2018, though there was a substantial, non-statistically significant increase in the infant mortality rate among Hispanic infants during this time period.

Figure 2. Trends in infant mortality by race and ethnicity, 2009-2018*

*3-year rates associated with this graph can be found in Table 2

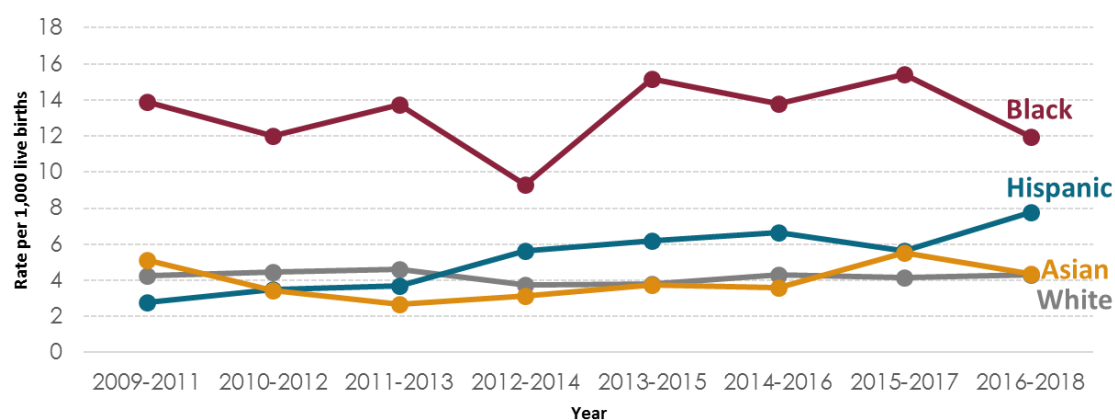


Table 2. Trends in infant mortality by race and ethnicity, 2009-2018

Year	All	White	Black	Hispanic	Asian
	Rate per 1,000	Rate per 1,000	Rate per 1,000	Rate per 1,000	Rate per 1,000
2009-2011	5.1	4.3	13.9	2.8	5.1
2010-2012	4.9	4.5	12.0	3.5	3.4
2011-2013	5.3	4.6	13.7	3.7	2.7
2012-2014	4.4	3.7	9.3	5.6	3.2
2013-2015	5.2	3.8	15.2	6.2	3.8
2014-2016	5.3	4.3	13.8	6.6	3.6
2015-2017	5.5	4.2	15.5	5.6	5.5
2016-2018*	5.3	4.3	12.0	7.8	4.4

*2018 are provisional data and may differ from estimates produced when vital records are finalized in 2019

Data notes:

- Infant mortality is defined as a death of an infant within the first year of life.
- Low birth weight is defined as infant born weighing less than 2500 grams.
- Race is determined by maternal race.
 - Mothers with reported Hispanic ethnicity were classified as Hispanic
 - Non-Hispanic mothers with reported Black race were classified as Black
 - Other races are classified in this order: Hmong, other Asian, Native American, White and other
- Data source: Dane County resident death certificates (2009-2018) and provisional infant death data accessed from Dane County FIMR