

Low birth weight

Low birth weight (LBW) is when an infant is born weighing 5 pounds, 8 ounces (2500g) or less. There were over 1,200 infants born with low birth weight from 2018-2020. 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. The percentage of babies born with low birth weight did not change statistically from 2011-2020 for Dane County or any racial and ethnic group.

Figure 1. Trends in low birth weight by race and ethnicity, 2008-2020

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

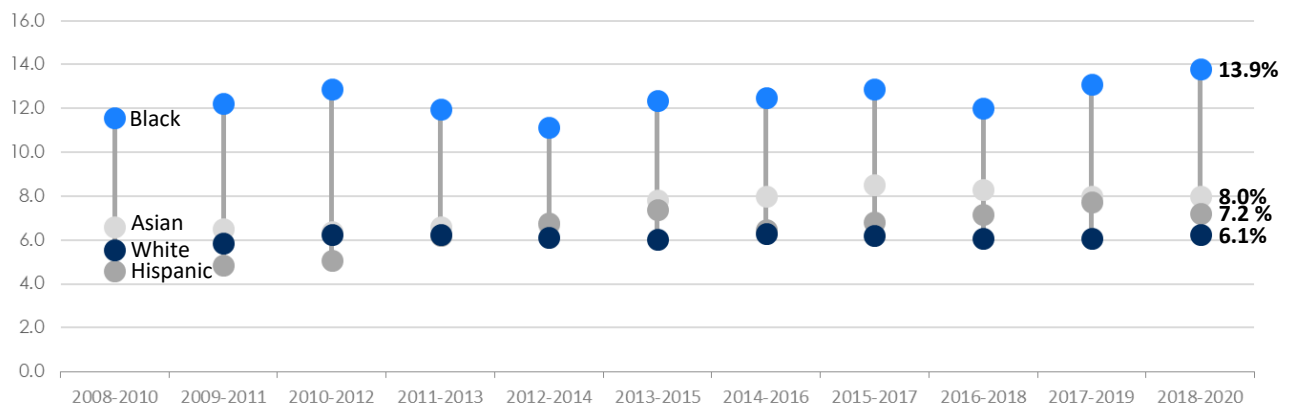


Table 1. 3-year rates in low birth weight by race and ethnicity, 2008-2020

Year	All	NH White	NH Black	Hispanic	NH Asian
	% LBW	% LBW	% LBW	% LBW	% LBW
2008-2010	6.1	5.6	11.6	4.6	6.6
2009-2011	6.3	5.8	12.2	4.9	6.5
2010-2012	6.7	6.3	12.9	5.1	6.4
2011-2013	6.8	6.2	12.0	6.2	6.6
2012-2014	6.7	6.1	11.1	6.8	6.7
2013-2015	6.9	6.0	12.4	7.4	7.8
2014-2016	7.0	6.3	12.5	6.4	8.0
2015-2017	7.1	6.2	12.9	6.8	8.5
2016-2018	6.9	6.1	12.0	7.2	8.3
2017-2019	7.0	6.1	13.1	7.8	8.0
2018-2020	7.2	6.1	13.9	7.2	8.0

NH=Non-Hispanic

Preterm birth

Preterm birth is when an infant is born before the 37th week of pregnancy. There were over 1,500 infants born preterm from 2018-2020. 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. The percentage of babies born preterm increased significantly from 2011-2020 for Dane County, non-Hispanic Black babies and non-Hispanic Asian babies.

Figure 1. Trends in preterm birth by race and ethnicity, 2008-2020

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

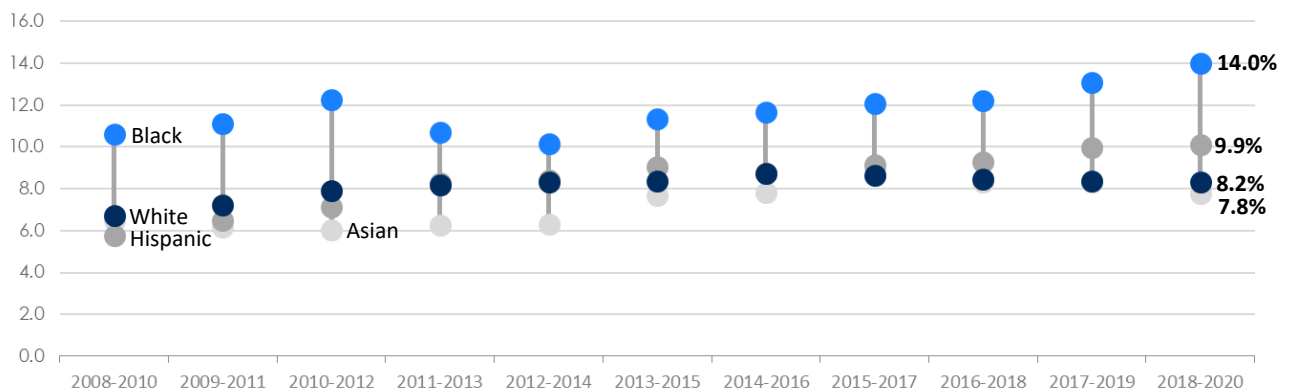


Table 1. 3-year rates in preterm birth by race and ethnicity, 2008-2020

Year	All	NH White	NH Black	Hispanic	NH Asian
	% preterm	% preterm	% preterm	% preterm	% preterm
2008-2010	6.9	6.7	10.6	5.8	6.5
2009-2011	7.4	7.2	11.1	6.5	6.2
2010-2012	8.0	7.9	12.3	7.1	6.0
2011-2013	8.3	8.2	10.7	8.3	6.3
2012-2014	8.3	8.4	10.2	8.4	6.3
2013-2015	8.6	8.4	11.3	9.0	7.7
2014-2016	8.9	8.7	11.7	8.7	7.8
2015-2017	9.0	8.6	12.1	9.2	9.0
2016-2018	8.9	8.5	12.2	9.3	8.3
2017-2019	9.0	8.4	13.1	10.0	8.4
2018-2020	8.9	8.2	14.0	9.9	7.8

NH=Non-Hispanic

Infant mortality

Infant mortality is when an infant dies before his or her first birthday. There were nearly 90 infant deaths from 2018-2020. Figure 2 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 a 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, 2008-2020

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

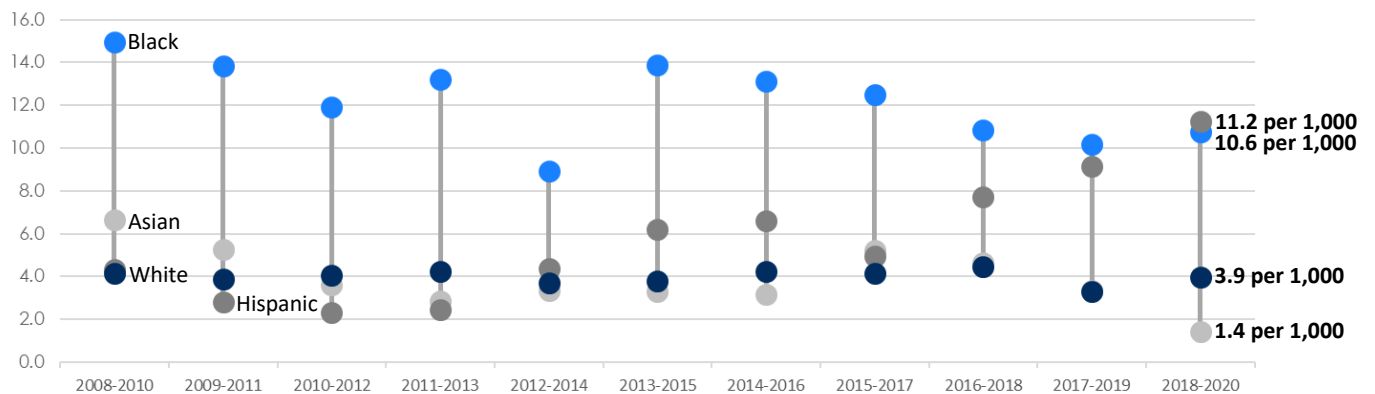


Table 2. Trends in infant mortality by race and ethnicity, 2008-2020

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
2008-2010	5.3	4.2	15.0	4.3	6.6
2009-2011	4.8	3.9	13.8	2.8	5.3
2010-2012	4.6	4.1	11.9	2.3	3.6
2011-2013	4.9	4.2	13.2	2.5	2.9
2012-2014	4.4	3.7	8.9	4.4	3.4
2013-2015	5.1	3.8	13.9	6.2	3.3
2014-2016	5.3	4.2	13.1	6.6	3.2
2015-2017	5.5	4.2	12.5	5.0	5.2
2016-2018	5.5	4.5	10.8	7.7	4.6
2017-2019	4.7	3.3	10.2	9.1	3.4
2018-2020*	5.1	3.9	10.6	11.2	1.4

A note about trends & statistical significance

We use the term statistical significance throughout this document. Statistical testing for significance is standard practice in assessing whether the data show a pattern that we wouldn't expect by chance alone. Sometimes we see patterns in data that may be important even if they don't reach the level of statistical significance. For example, low birth weight among Hispanic babies was 4.6% during 2008-2010 and 7.2% during 2018-2020. This increase over time translates into more Hispanic babies being born with low birth weight regardless of the statistics, which can't tell us what is meaningful or important for a community.