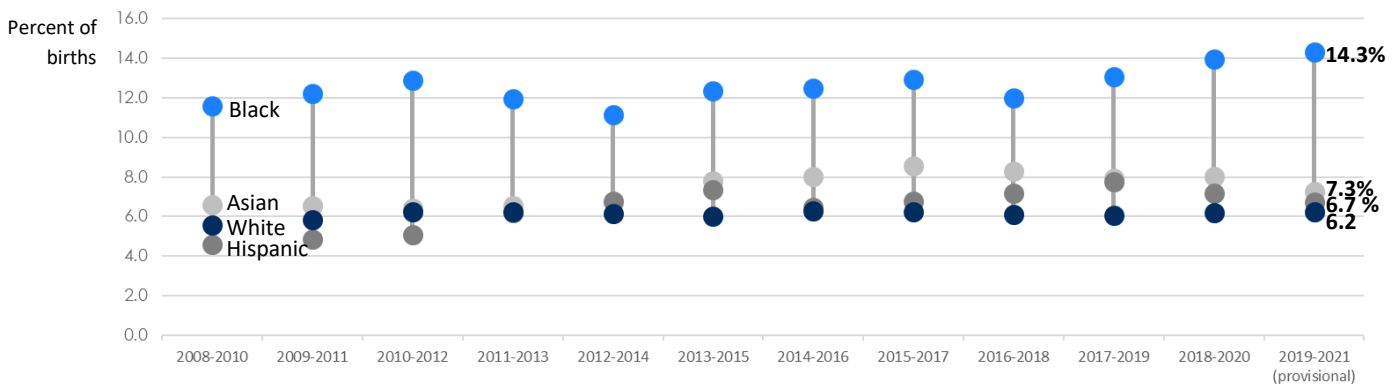


## Low birth weight

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 2019-2021. 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 increased significantly for non-Hispanic Black babies from 2012-2021.

**Figure 1. Trends in low birth weight by race and ethnicity, 2008-2021\***

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



\*2021 data are provisional. Estimates for 2019-2021 may change when data are finalized.

**Table 1. 3-year rates in low birth weight by race and ethnicity, 2008-2021**

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	5.9	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	7.7	8.0
2018-2020	7.2	6.2	13.9	7.2	8.0
2019-2021 (provisional)	7.2	6.2	14.3	6.7	7.3

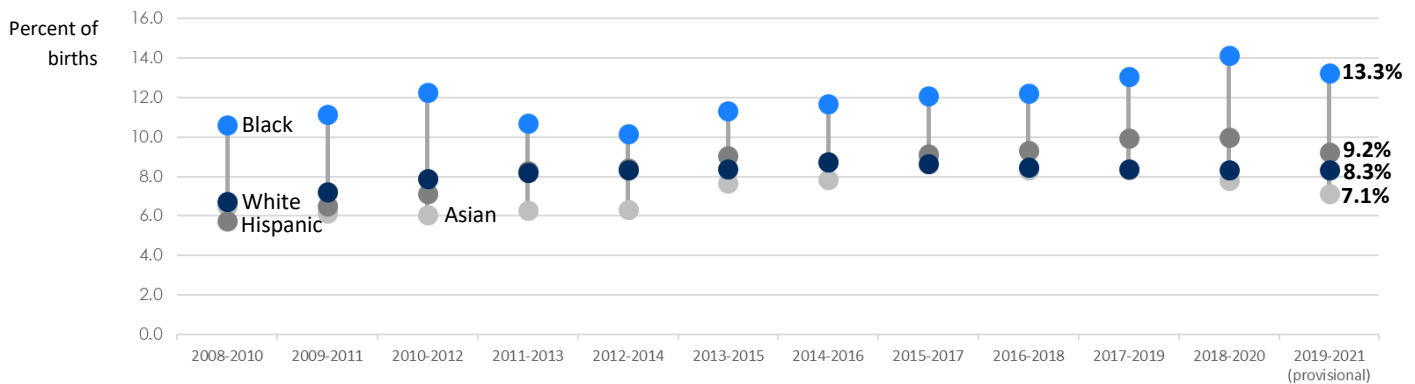
NH=Non-Hispanic

## Preterm birth

Preterm birth is when an infant is born before the 37<sup>th</sup> week of pregnancy. There nearly 1,500 infants born preterm from 2019-2021. 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 for non-Hispanic Black babies from 2012-2021.

**Figure 1. Trends in preterm birth by race and ethnicity, 2008-2021\***

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



\*2021 data are provisional. Estimates for 2019-2021 may change when data are finalized.

**Table 1. 3-year rates in preterm birth by race and ethnicity, 2008-2021**

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	9.0	8.3	14.2	10.0	7.8
2019-2021 (provisional)	8.8	8.3	13.3	9.2	7.1

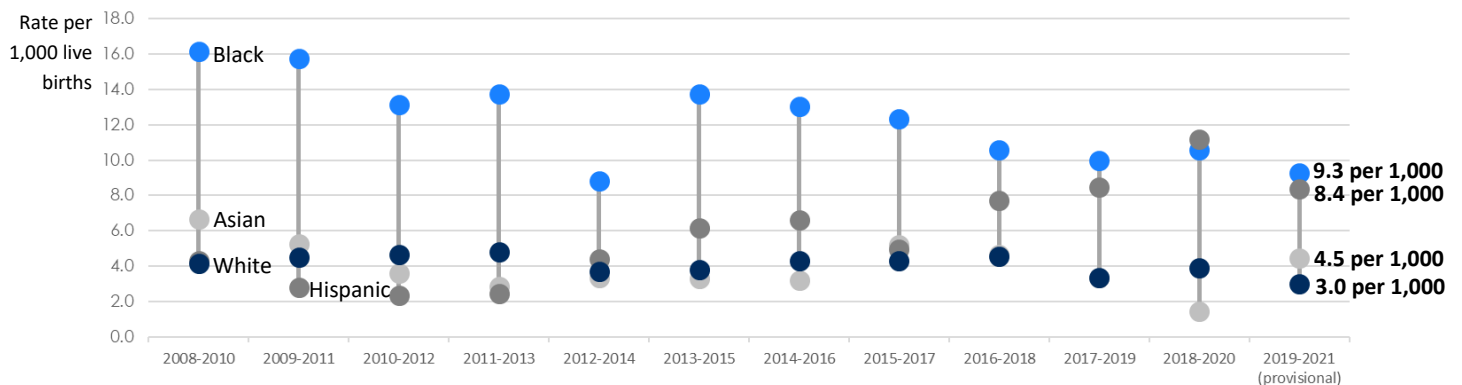
NH=Non-Hispanic

## Infant mortality

Infant mortality is when an infant dies before his or her first birthday. More than 70 infants died from 2019-2021. 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. The increase in the infant mortality rate among Hispanic infants was borderline statistically significant from 2012-2021.

**Figure 2. Trends in infant mortality by race and ethnicity, 2008-2021**

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



\*2021 data are provisional. Estimates for 2019-2021 may change when data are finalized.

**Table 2. Trends in infant mortality by race and ethnicity, 2008-2021**

Year	All	NH White	NH Black	Hispanic	NH Asian
	Rate per 1,000	Rate per 1,000	Rate per 1,000	Rate per 1,000	Rate per 1,000
2008-2010	5.4	4.2	16.1	4.3	6.6
2009-2011	5.4	4.5	15.7	2.8	5.3
2010-2012	5.1	4.7	13.2	2.3	3.6
2011-2013	5.4	4.8	13.8	2.4	2.9
2012-2014	4.4	3.7	8.8	4.4	3.4
2013-2015	5.2	3.8	13.8	6.2	3.3
2014-2016	5.4	4.3	13.0	6.6	3.2
2015-2017	5.6	4.3	12.3	5.0	5.2
2016-2018	5.6	4.6	10.6	7.7	4.6
2017-2019	4.7	3.3	10.0	8.5	3.4
2018-2020	5.1	3.9	10.6	11.2	1.4
2019-2021 (provisional)	4.3	3.0	9.3	8.4	4.5

NH=Non-Hispanic

## **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.