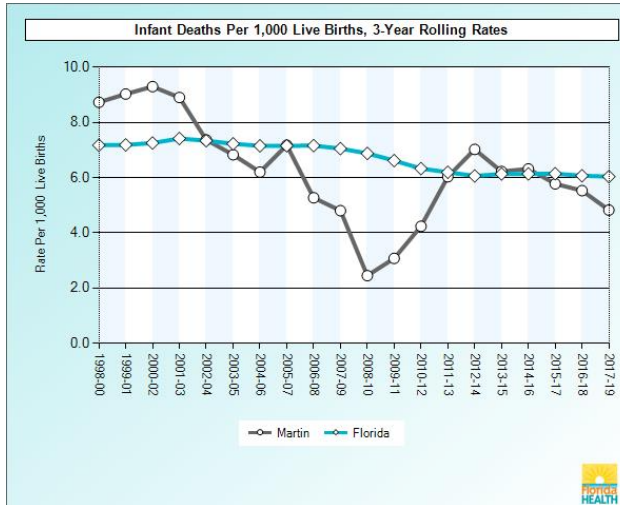


## Infant Mortality

Death of live-birth infants within 364 days of birth and a sentinel indicator of a population's overall health.

### Infant Mortality: All Race/Ethnicity Categories



**BENCHMARK:** *Healthy People 2020* proposes an infant mortality benchmark rate of 6.0 per 1,000 live births.

As depicted (left), Martin County's lowest (3-year rolling) rates were 3.1 (2009-11) and 2.5 (2008-10) per 1,000 live births, both statistically significantly lower than comparative statewide measures. Since the 3-year rolling rate of 2009-11, Martin County's overall infant mortality rates (all race/ethnicity) ranged from 4.2 to 7.0 per 1,000 live births (see below).

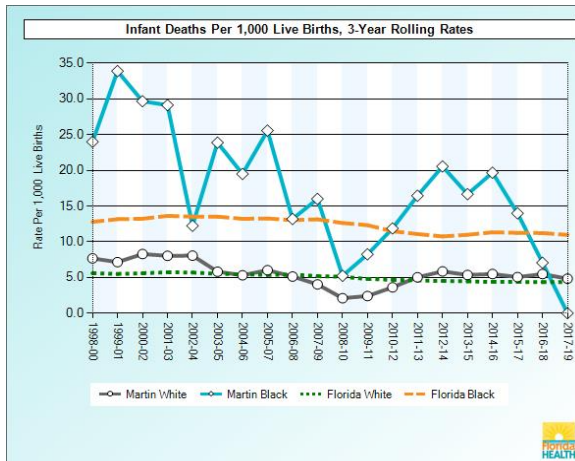
Spanning the years of 2015 through 2019 (provisional), leading causes of infant death in Martin County included (descending order): other and non-ranked (9); congenital malformation and chromosomal abnormalities (7); short gestation and low birth weight (3) and unintentional injury (3).

*Infant Mortality: 3-Year Rolling Rates All Race/Ethnicity, 1998-2000 to 2017-19, Martin County vs. Florida*

| Martin County Infant Mortality (3-Yr Rolling Year Counts/Rates) All Race/Ethnicity |         |          |         |          |         |         |         |         |         |         |         |         |
|--|---------|----------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Year   | 2006-08 | 2007-09  | 2008-10 | 2009-11  | 2010-12 | 2011-13 | 2012-14 | 2013-15 | 2014-16 | 2015-17 | 2016-18 | 2017-19 |
| <b>Martin</b>  | 21(5.3) | 18(4.8)* | 9(2.5)* | 11(3.1)* | 15(4.2) | 21(6.0) | 25(7.0) | 23(6.2) | 24(6.3) | 22(5.8) | 21(5.5) | 18(4.8) |
| <b>Florida</b>   | 7.2     | 7.1      | 6.9     | 6.6      | 6.3     | 6.2     | 6.1     | 6.1     | 6.1     | 6.1     | 6.1     | 6.0     |

\* Statistically significantly different from the statewide rate.

### Infant Mortality: Rate Disparities per Race (Black/White)



Nationally, infant mortality rates among Black infants have historically significantly exceeded that of White newborns, primarily attributable to low birth weight and preterm birth. (*National Vital Statistics Reports, 2003 & 2007*)

In Martin County, the 2014-16 (3-year rolling) infant mortality rate for Black infants was *3.58 times greater* than that of White newborns - with higher rate disparity in prior periods of measure (see left).

The Black infant mortality rate for Martin County related to the 3-year rolling rate of 2017-19 was 0.0, as associated with zero (0) deaths of Black infants during the (single) years of 2017, 2018 and 2019.

*Black vs. White Infant Mortality: 3-Year Rolling Rates, Martin County vs. Florida*

| Martin County Infant Mortality (3-Yr Rolling Counts/Rates) Black & White Race |          |          |          |          |          |
|---|----------|----------|----------|----------|----------|
| Year  | 2013-15  | 2014-16  | 2015-17  | 2016-18  | 2017-19  |
| <b>Black</b>  | 5 (16.7) | 6 (19.7) | 4 (14.0) | 2 (7.1)  | 0 (0.0)  |
| <b>White</b>  | 17 (5.4) | 17 (5.5) | 15 (5.1) | 16 (5.5) | 14 (4.8) |

### Infant Mortality: Rate Disparities per Ethnicity (Hispanic/Non-Hispanic)

The 2017-19 infant mortality (3-year rolling) rate for Martin County births of mothers self-identified as Hispanic was 4.9 (6 deaths) versus the non-Hispanic infant mortality rate of 4.0 (10 deaths) - both rates less than the comparative Hispanic/non-Hispanic statewide rates. During the prior 3-year rolling period of 2016-18, the rate of infant mortality within Hispanic populations of Martin County was 7.4 per 1,000 live births.