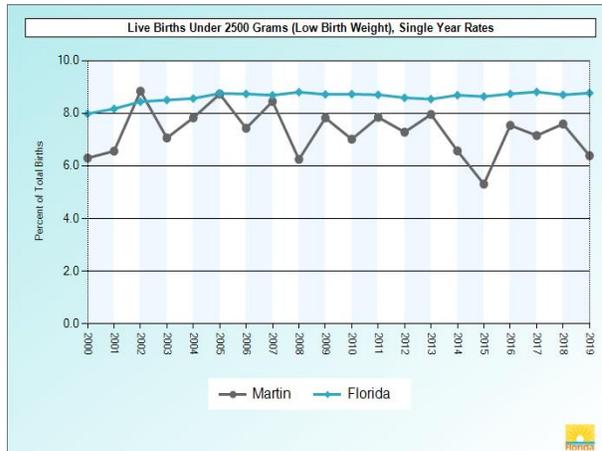


Low Birth Weight (LBW) - <2,500 grams/5 lbs., 8 oz. at Birth

LBW is a leading cause of infant mortality, associated with a higher probability of short & long term developmental issues.

LOW BIRTH WEIGHT - MARTIN COUNTY

During 2017, the national mortality rate for infants with a (low) birth weight of 1,500-2,499 grams was *6.5 times* the rate for infants with a birth weight of 2,500 grams or more. (*Healthy People 2020*)



BENCHMARK: *Healthy People 2020* set a Low Birth Weight target of 7.8% among live births, all race and ethnicity categories.

Since 2000, Martin County low birth weight rates of newborns among mothers of all races and ethnicities have fluctuated between a high of 8.8% in 2002 and a low of 5.3% in 2015. The LBW rate for Martin County has been = to or < the comparative statewide rate for 19 of the prior 20 years (2000-19), with statistically significantly lower rates for eight (see left graph).

Low Birth Weight: Single Year Rates ALL Race/Ethnicity, Martin County vs FL

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Martin	91 (7.8%)	86 (7.0%)*	93 (7.8%)	82 (7.3%)	93 (8.0%)	83 (6.6%)*	67 (5.3%)*	96 (7.5%)	91 (7.2%)*	95 (7.6%)	77 (6.4%)
Florida%	8.7%	8.7%	8.7%	8.6%	8.5%	8.7%	8.6%	8.7%	8.8%	8.7%	8.8%

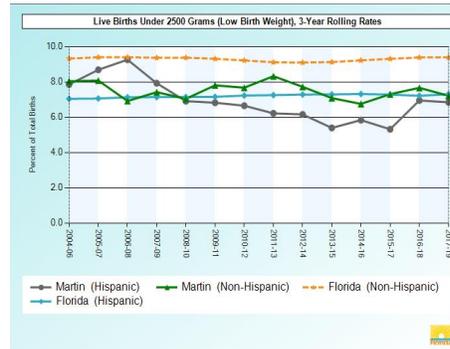
* County rate is statistically significantly different than the statewide (FL) rate.

Low Birth Weight: Rate Disparities per Race/Ethnicity

Per the Centers for Disease Control and Prevention (CDC), critical determinants of racial and ethnic differences in infant mortality are Low Birth Weight (<2500 grams) and Very Low Birth Weight (<1500 grams). (Infant Mortality & Low Birth Weight Among Black & White Infants – U.S., 1980-2000)



3-Year Rolling Rates Black & White, County vs FL



3-Year Rolling Rates Hispanic & Non-Hispanic, County vs FL

(LEFT GRAPH) ****Black & White Mothers.** In 2019, 14 of 102 (13.7%) Black mothers residing in Martin County gave birth to babies of low birth weight vs. 57 of 920 (6.2%) of mothers self-identified as White. Since 2000, the (single-year) rates of LBW for newborns of Martin County mothers self-identified as Black varied between a low of 7.7% (2007) and a high of 21% (2003). With the presentation of 3-year rolling LBW data, the rate for Martin County newborns of Black mothers exceeds that of the newborns of Martin County White mothers from 1998-2000 through 2017-19 (see graph).

(RIGHT GRAPH) ****Hispanic & Non-Hispanic Mothers.** In 2019, 25 of 405 (6.2%) Hispanic mothers residing in Martin County gave birth to low birth weight babies vs. 52 of 781 (6.7%) of mothers self-identified as Non-Hispanic. Since 2004, the (single-year) rates of Low Birth Weight newborns of Martin County mothers self-identified as Hispanic varied between a low of 3.6% (2015) and a high of 9.9% (2006). With the presentation of 3-year rolling LBW data for newborns of Hispanic and Non-Hispanic Martin County mothers, LBW rates for Non-Hispanic populations exceeds those of Hispanic populations from 2008-10 through 2007-19 (see graph).

** Use caution when interpreting rates and ratios based on a small denominator (population at risk). An erratic trend line illustrates the resulting instability of interpreting lower numbers, events, etc.

Sources: FLHealthCHARTS www.floridacharts.com Healthy People 2020 www.healthypeople.gov/2020 Kids Count Data Center www.datacenter.kidscount.org Morbidity and Mortality Weekly Report (MMWR), 7.12.2002/51(27); 589-592. Last updated 10.22.20