

COUNTY INFANT MORTALITY ANALYSIS

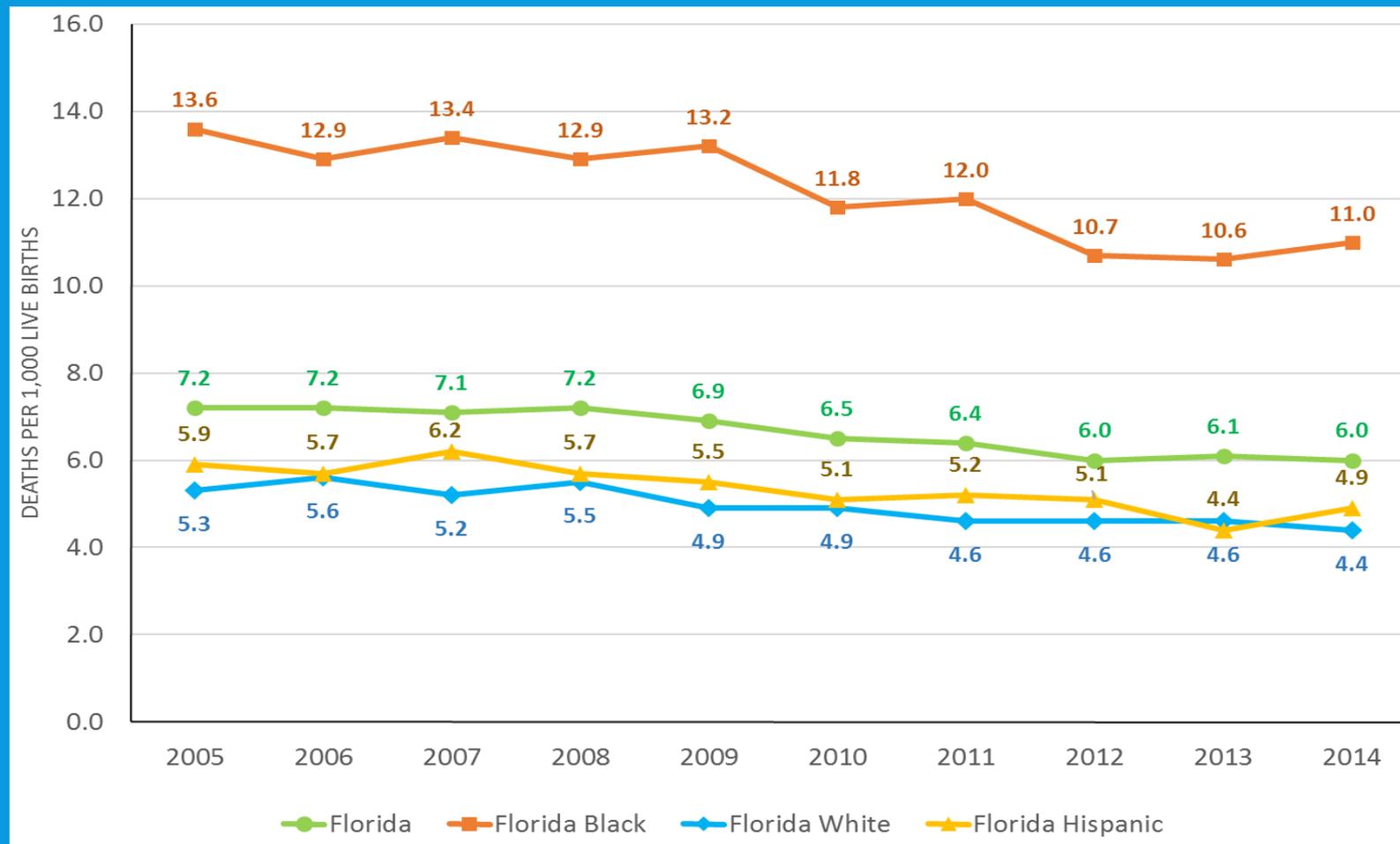
Eliana Aguilar

Florida DOH- Pinellas



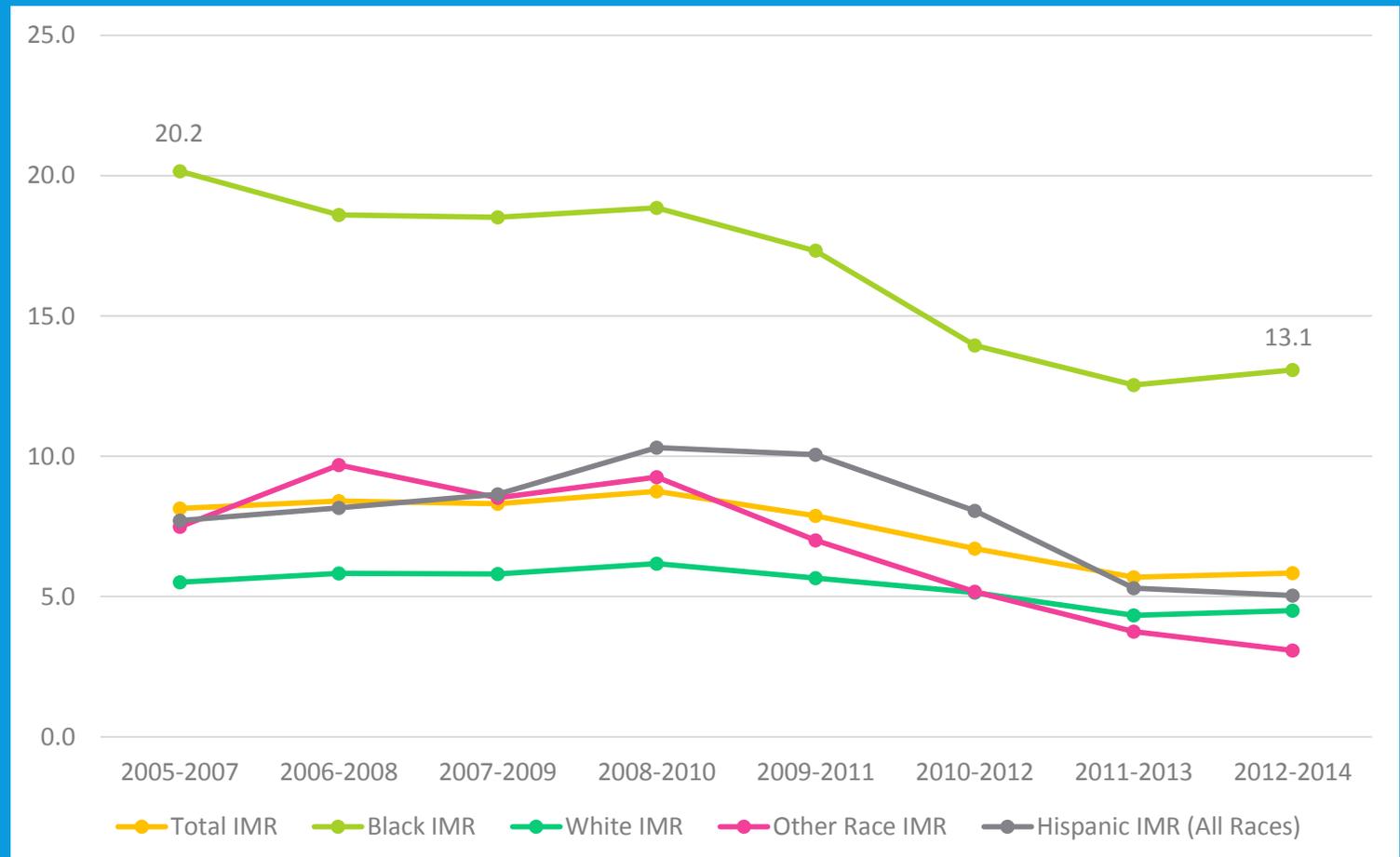
- **Priority:** Healthy moms & babies
- **Goal:** Eliminate infant mortality
- **Strategy:** Eliminate racial disparity in infant mortality
- **Objective:** Reduce black-white infant mortality gap to less than 2.0 by December 31, 2018

FLORIDA INFANT MORTALITY RATES BY RACE AND HISPANIC ETHNICITY (2005-2014)

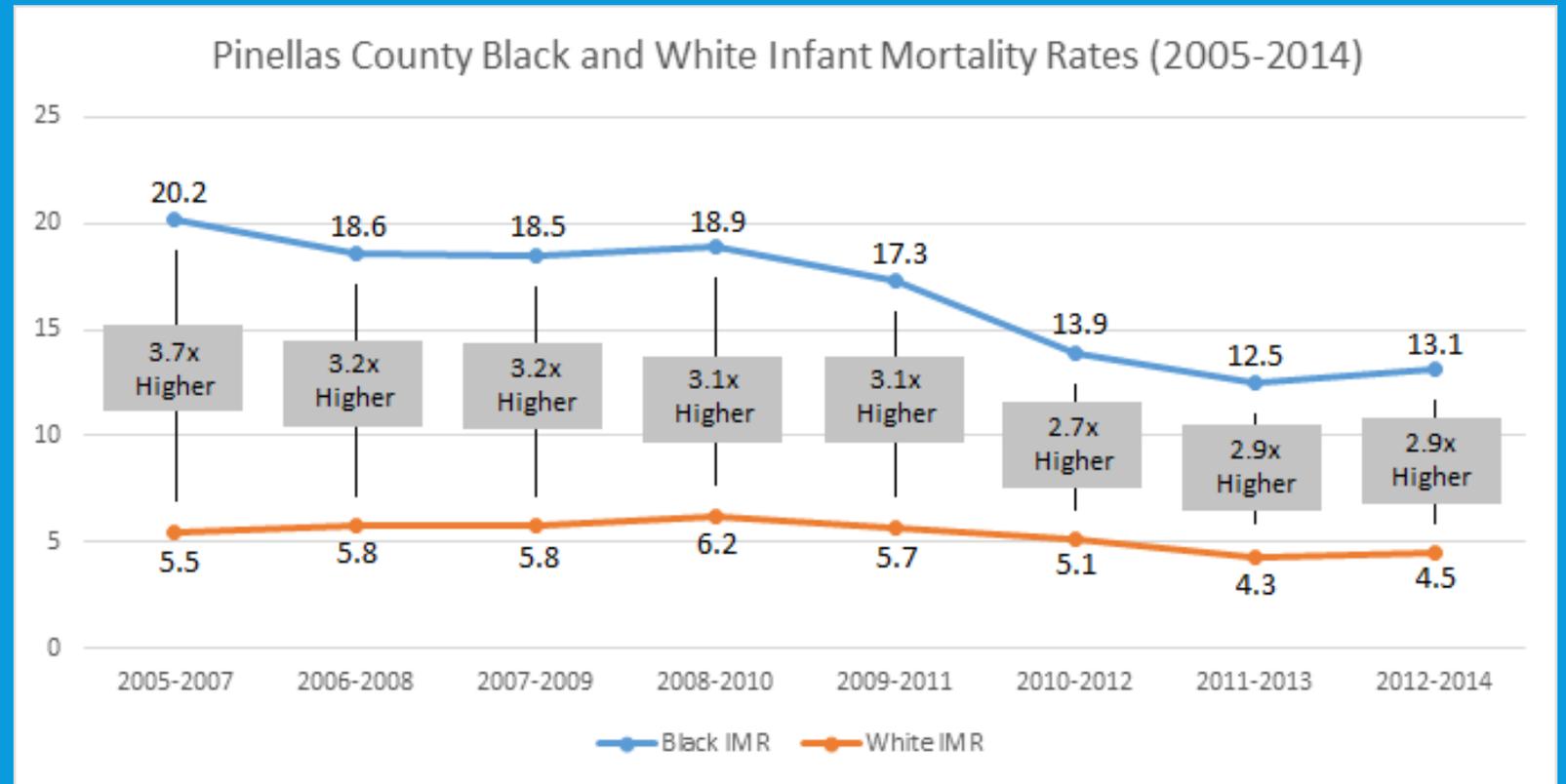
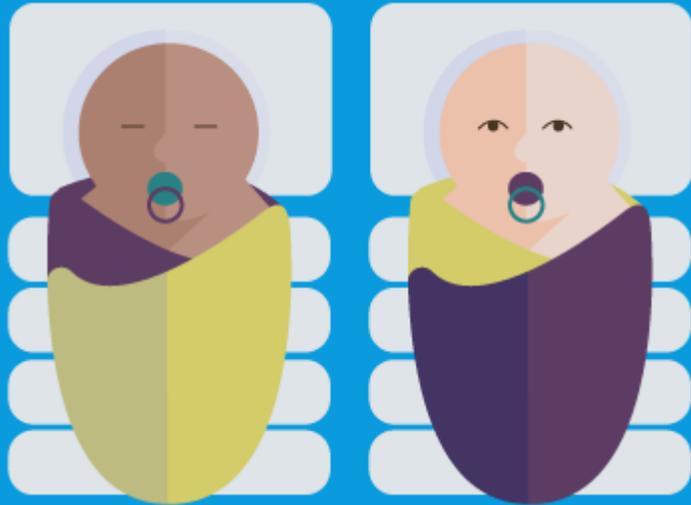


PINELLAS INFANT MORTALITY RATES BY RACE AND HISPANIC ETHNICITY (2005-2014)

- On the rise from 2005-2010, general decrease from 2010-2014
- Overall decline in black IMR
- Slight increase in white, black, and total IMRs 2012-2014
 - Flattening out or building back up?



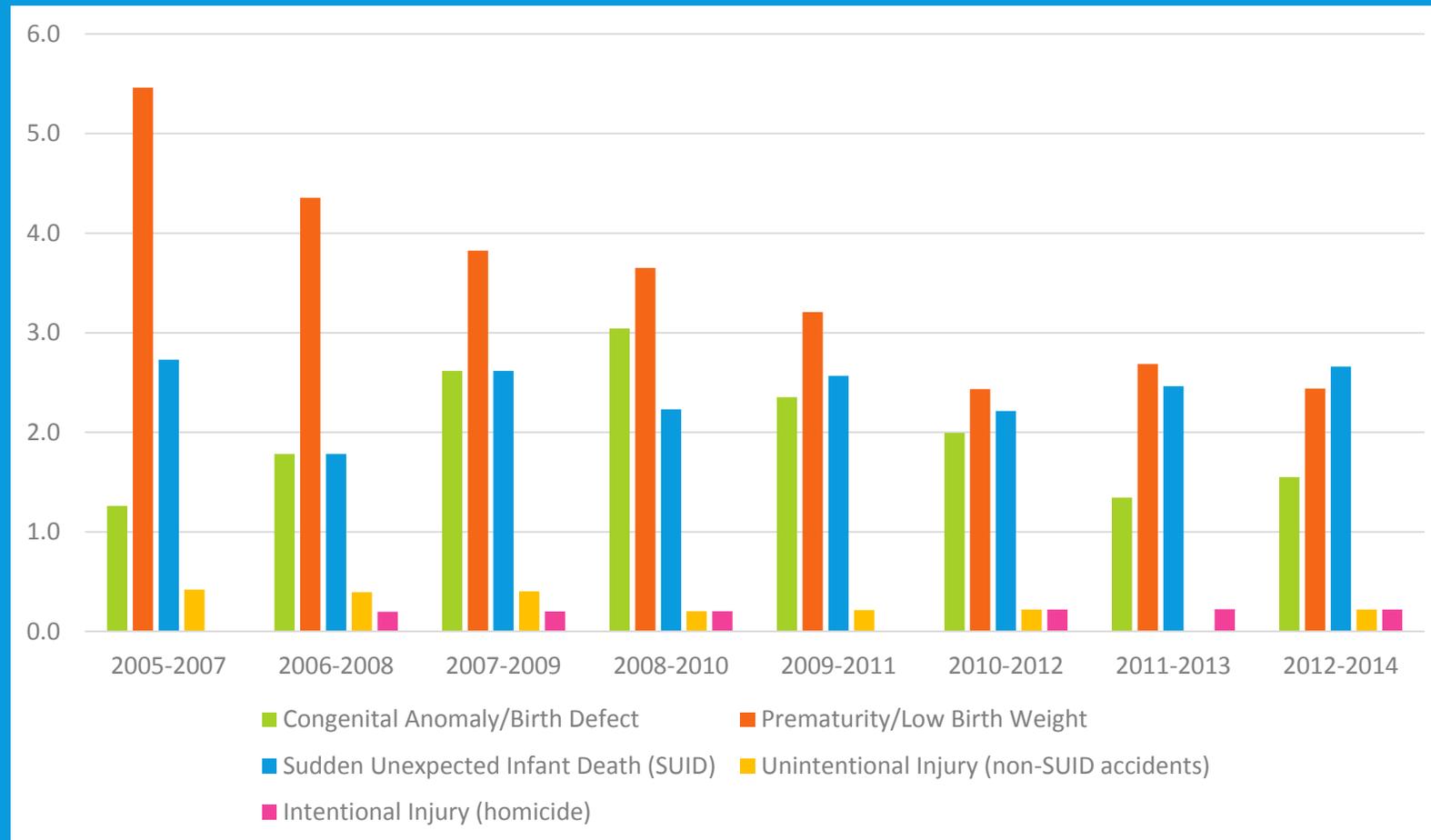
BLACK/WHITE INFANT MORTALITY GAP



SELECT CAUSES OF INFANT DEATH

- 2012-2014
- Total
 - **Highest:** Sudden Unexpected Infant Death (SUID) & Prematurity/Low Birth Weight
- Black
 - **Highest:** SUID
- White
 - **Highest:** Congenital Anomaly/Birth Defect
- Hispanic
 - **Highest:** Prematurity/LBW

CAUSE-SPECIFIC BLACK INFANT MORTALITY RATES (2005-2014)

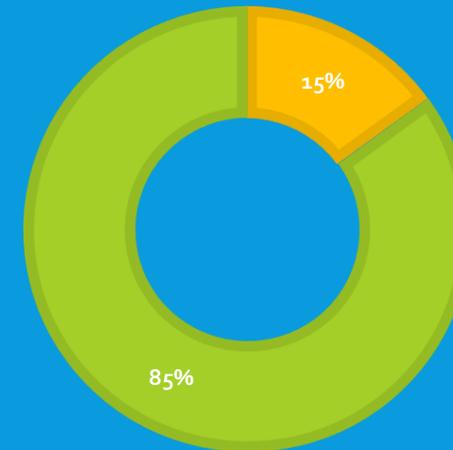


SAFE SLEEPING

- SUID categorization comprised of
 - SIDS
 - Undetermined
 - Asphyxia (in bed or elsewhere)



■ Non Sleep-related Infant Deaths ■ Sleep-related Infant Deaths



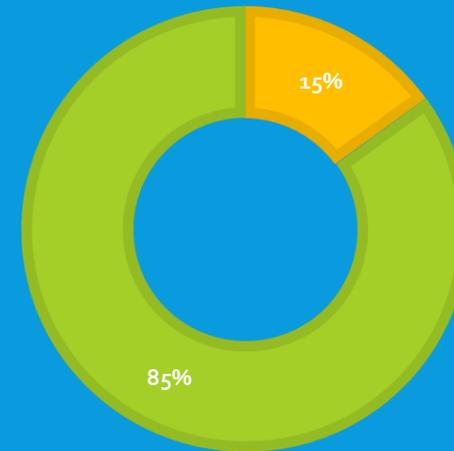
PINELLAS/PASCO INFANT DEATHS (2014)

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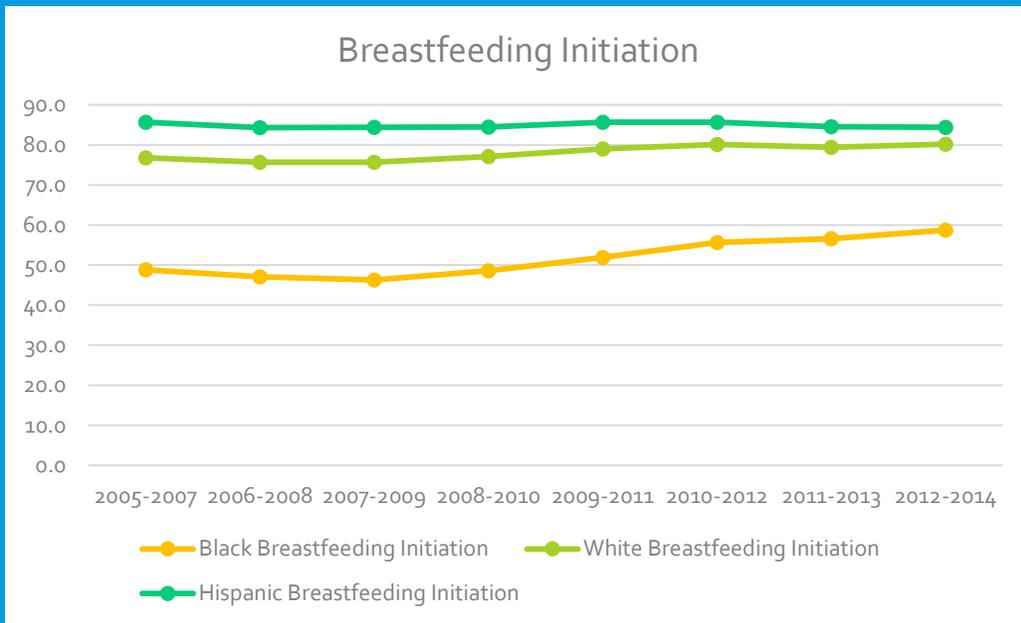


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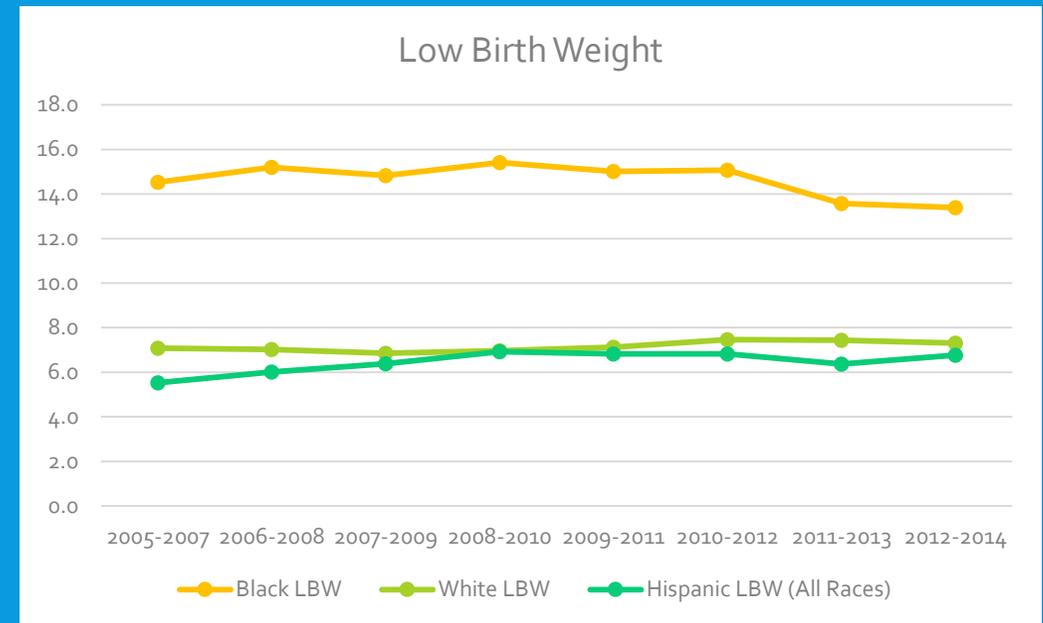


PINELLAS/PASCO INFANT DEATHS (2014)

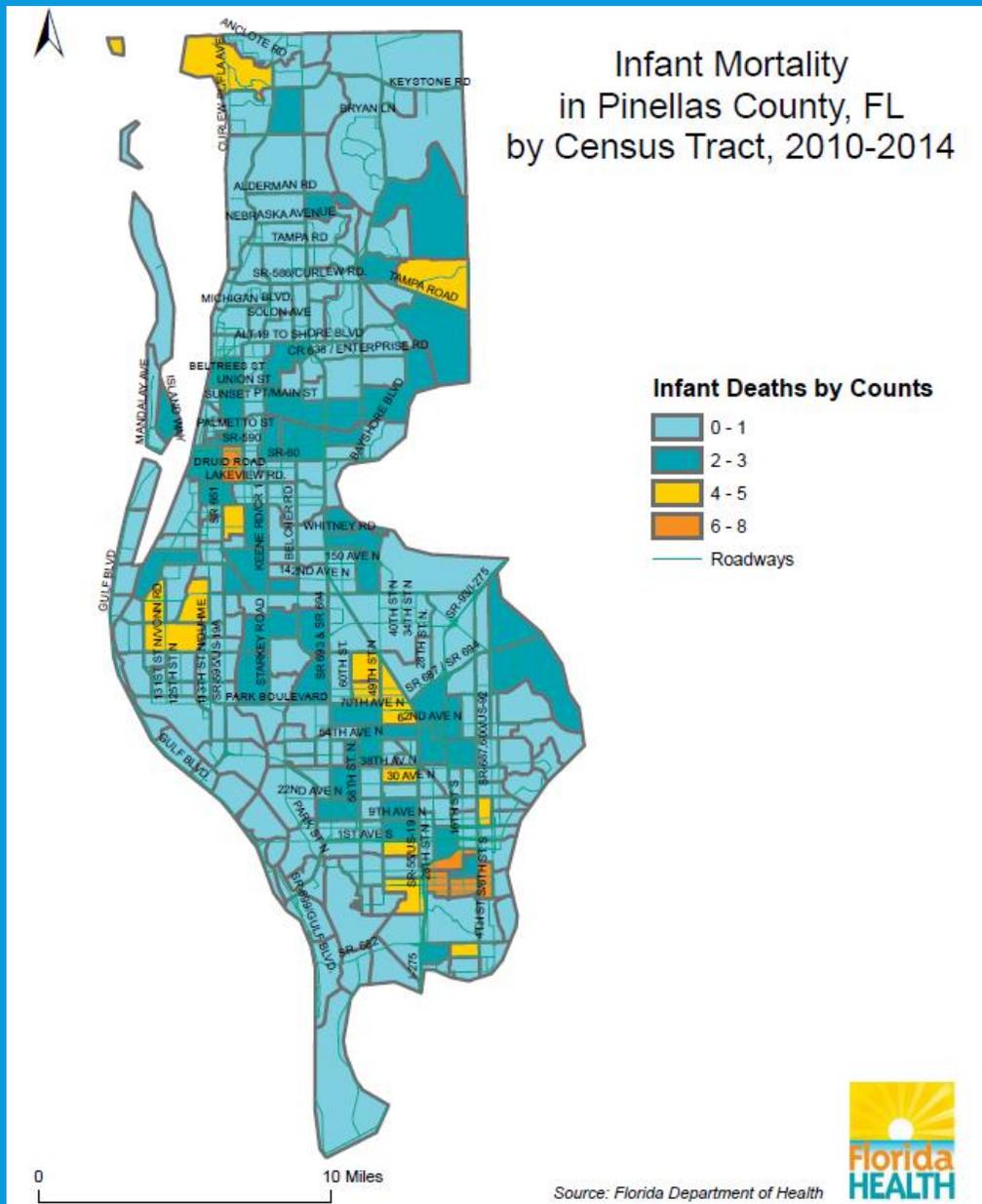
INFANT HEALTH FACTORS



- Black infant breastfeeding rate 22% lower than white (improvement from 29%)



- Black infant LBW rate 6% higher than white (improvement from 8%)
- Similarly for preterm and VLBW births



SOCIAL DETERMINANTS OF HEALTH

- Vast array of resources addressing multiple social determinants of health, including:
 - Area hospitals
 - Area churches and life centers (food, clothing, shelter, ESL)
 - Domestic Violence, Community Health, Adult Education, and Neighborhood Family centers
 - Free clinics
 - Early childhood services
 - Pregnancy centers
 - 6 DOH Locations
 - Law, housing, and employment assistance
 - Lactation specialists
 - Parenting education
 - Healthcare navigators
 - Pinellas Urban League
 - Smoking cessation, teen parent, and home visiting programs
 - Transportation services
 - WIC & Nutrition
- Focus efforts on  connecting community members with the appropriate resources

CONCLUSIONS

- Reduce Black/White IMR Gap
- Address safe sleeping
- Address breastfeeding and preconception/prenatal care
- Connect individuals with available community resources

Next Step: Gain community input!