



Infant Mortality in Miami-Dade County
Panel Presentation
June 17, 2016



Maternal Health Factors & C-Sections

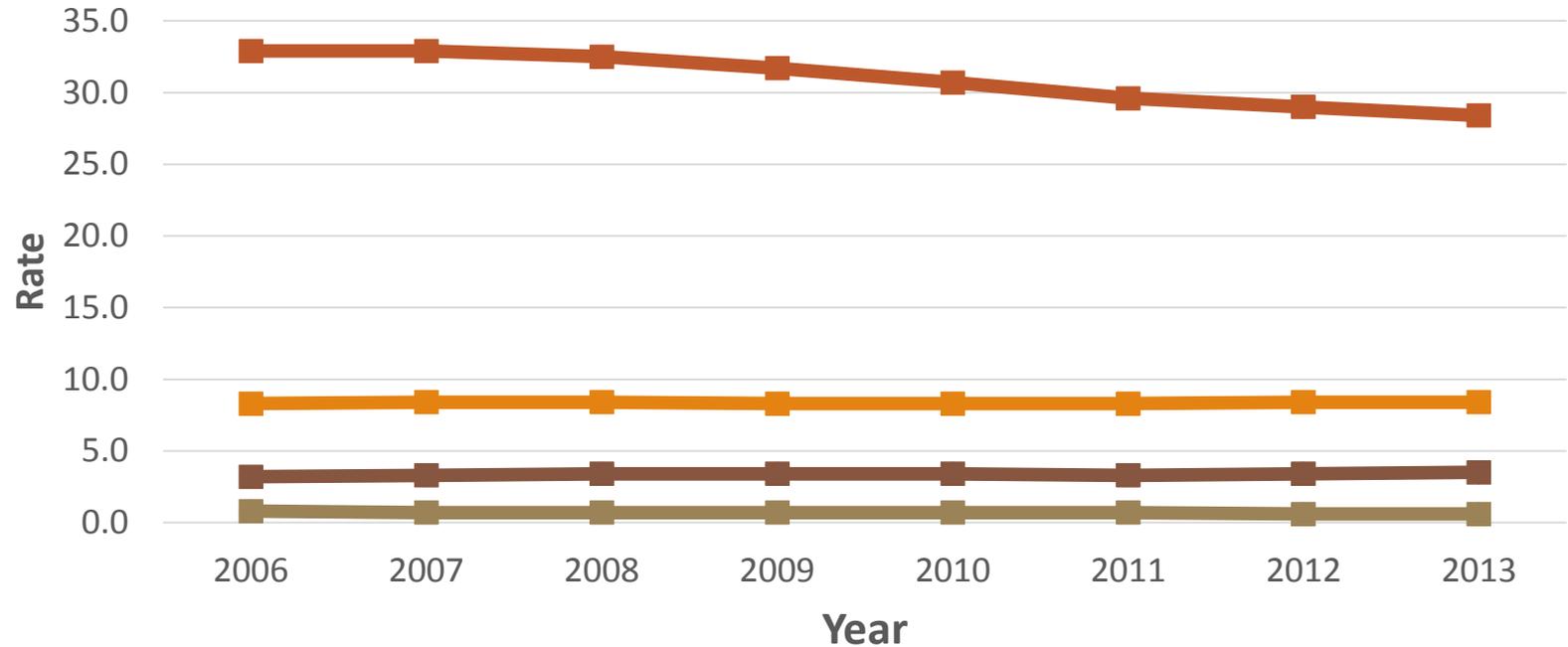
Nelson Adams, MD

OB/GYN

President & CEO Metro-Miami OB/GYN Association

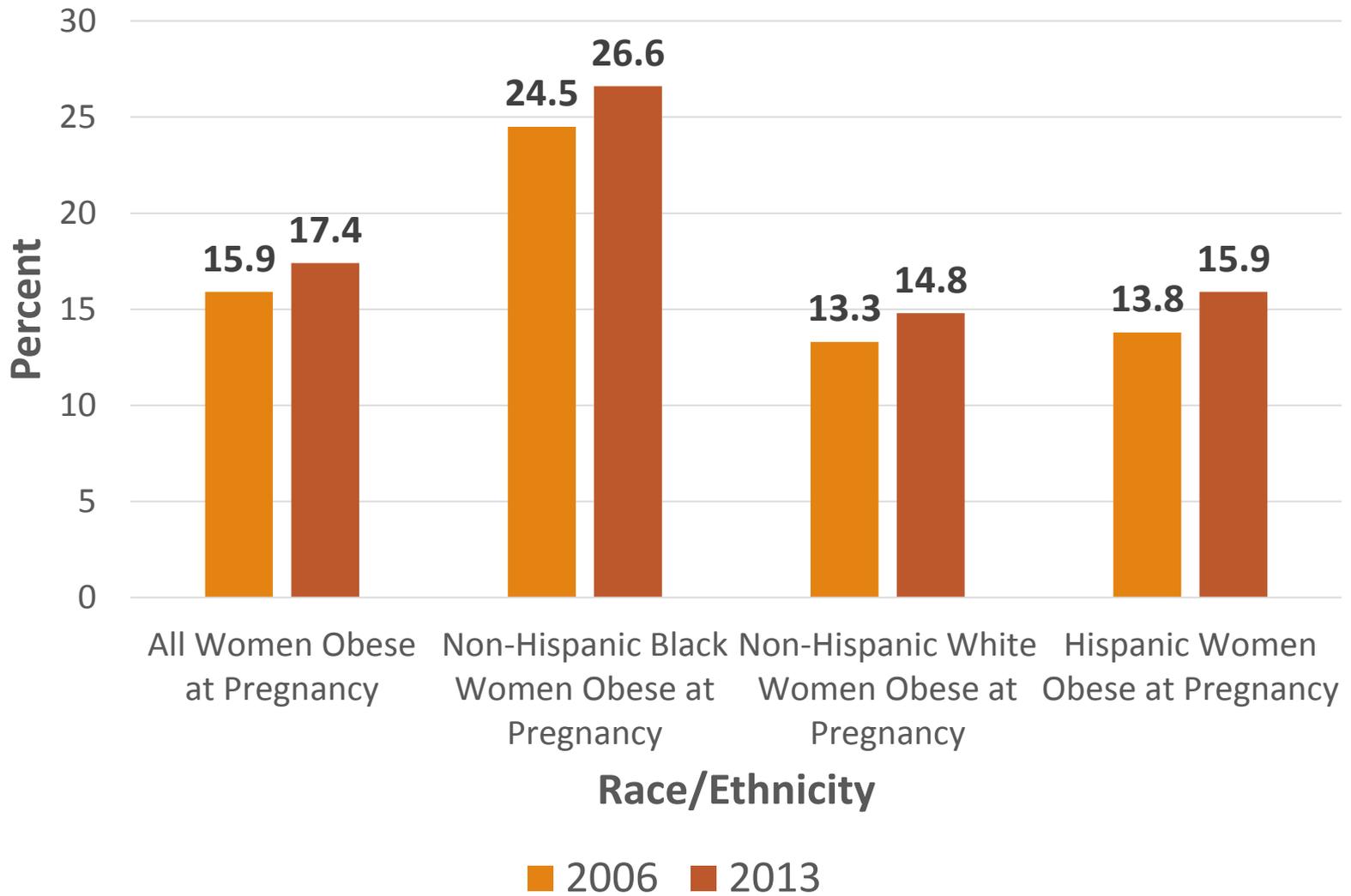
Maternal Factors

Maternal Factor Rates in Miami-Dade County

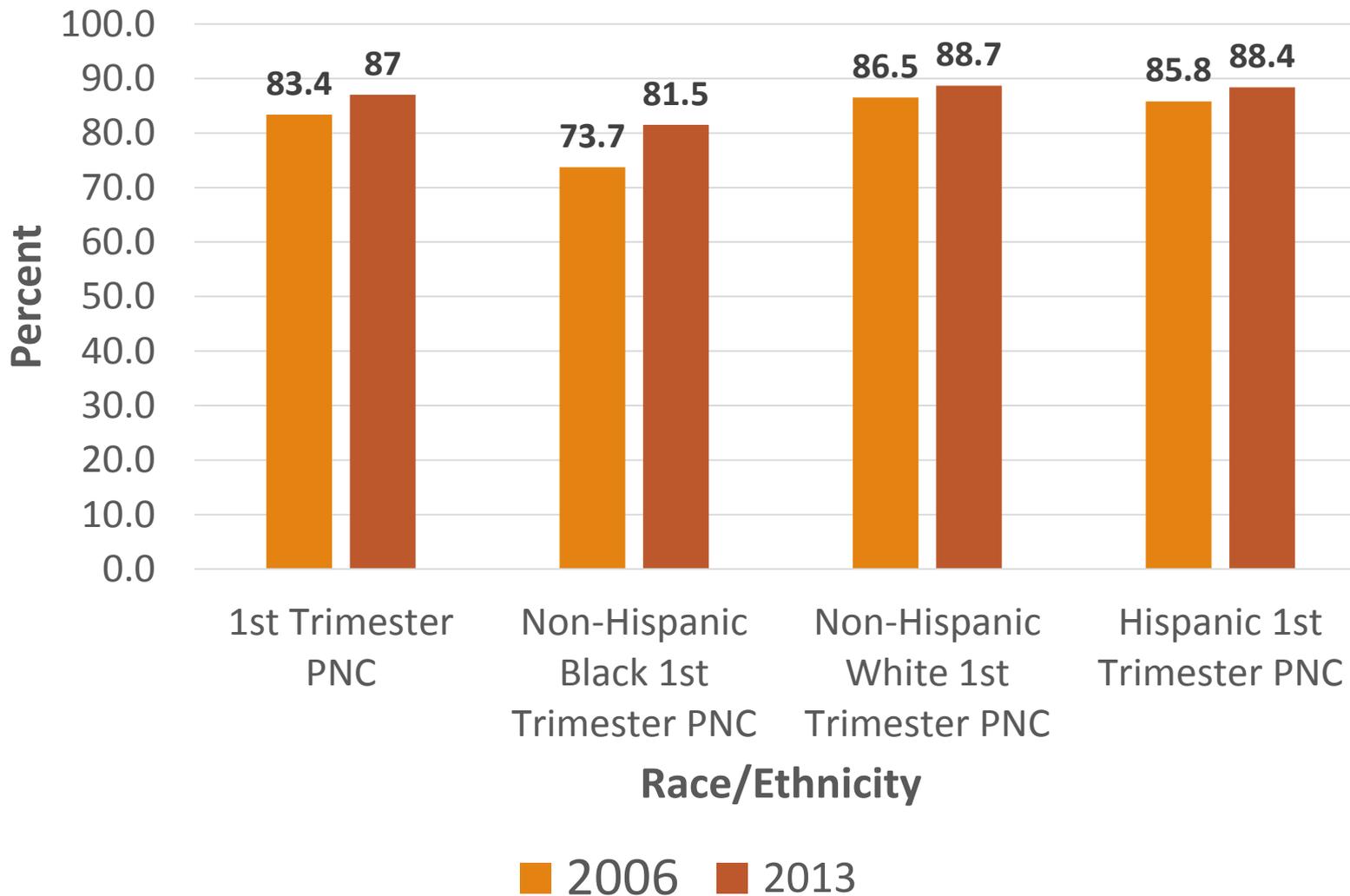


- Births to Women Age 35+
- Births with Inter-Pregnancy Interval <18 months
- Plural Births
- Births to Women that Smoked During Pregnancy

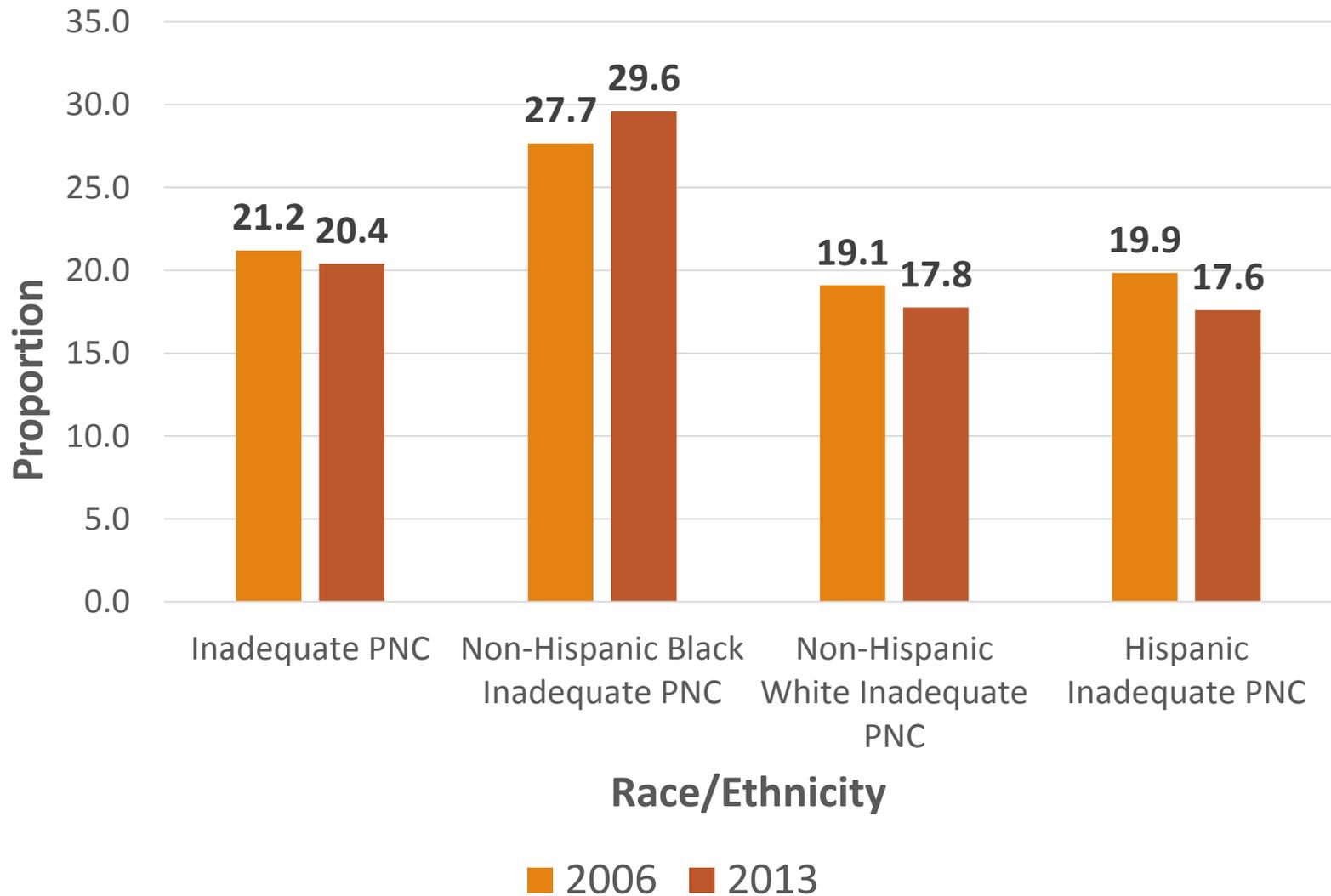
% of Women Obese at Pregnancy in Miami-Dade County



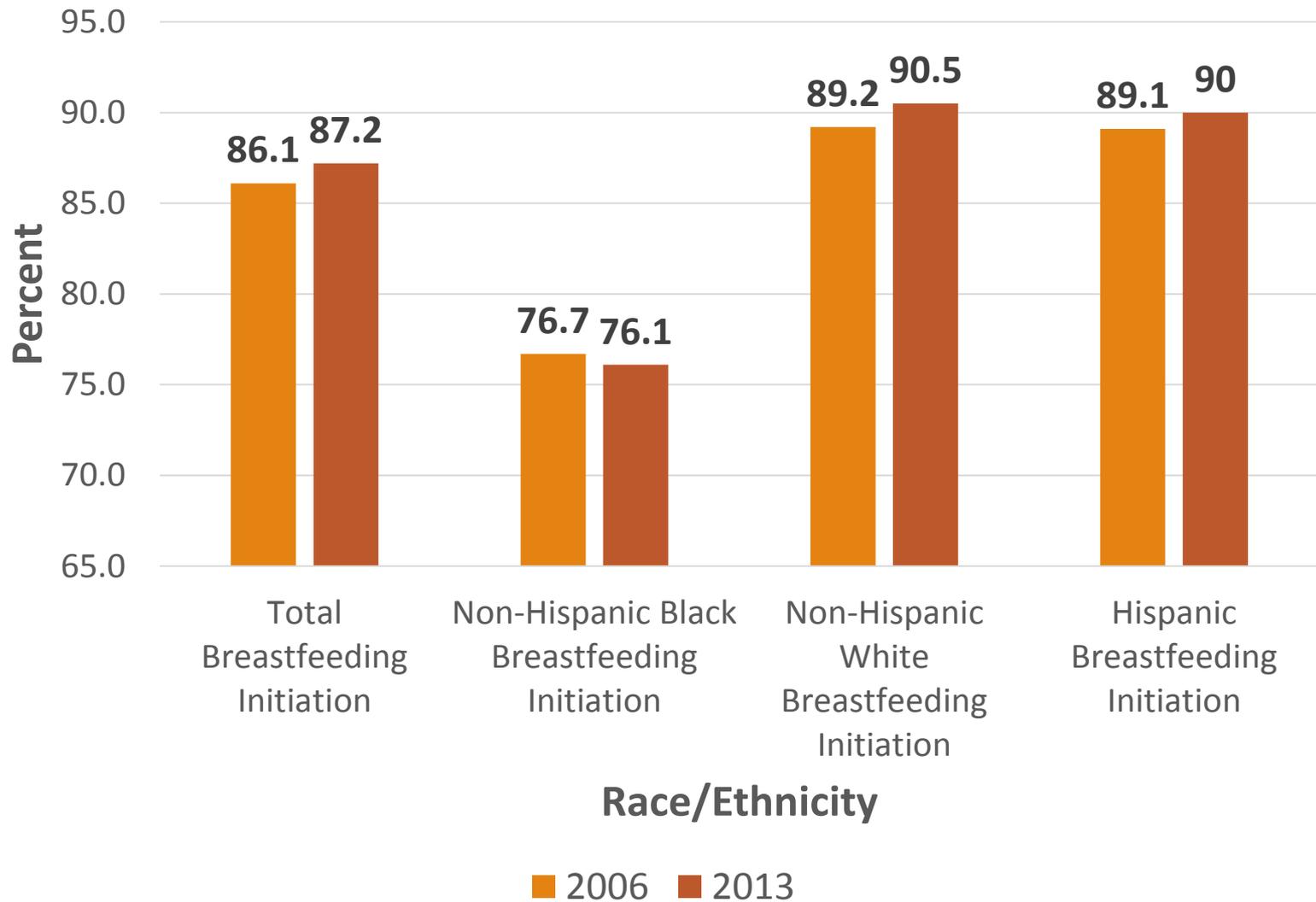
Births to Women who Received Prenatal Care in the 1st Trimester



Births to Women who Received Inadequate Prenatal Care in the 1st Trimester in Miami-Dade County



Percent of Breastfeeding Initiation in Miami-Dade County



C-Sections

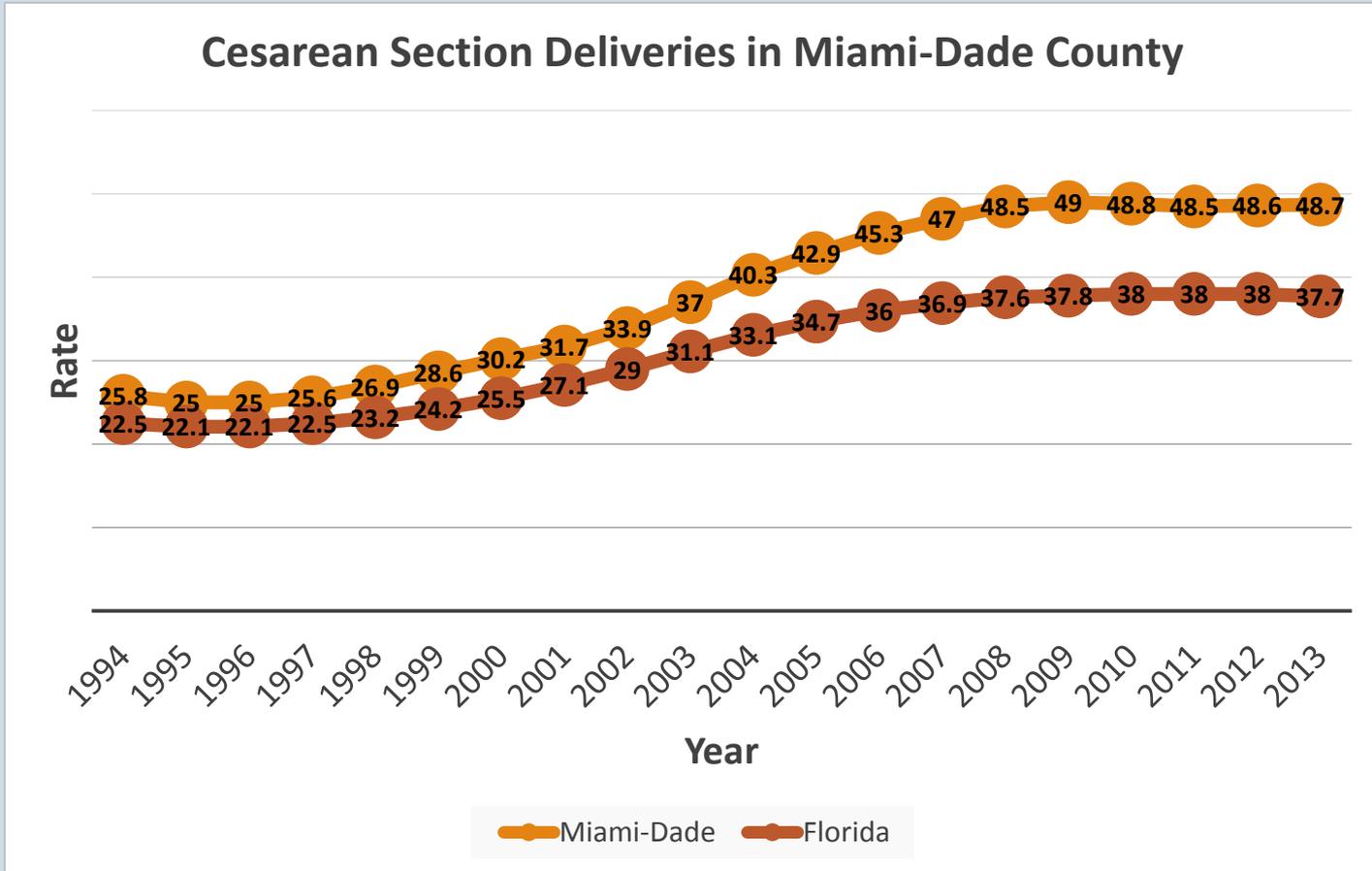


- Since 1985, the international healthcare community has considered the ideal rate for caesarean sections to be between 10-15%.
- Since then, caesarean sections have become increasingly common in both developed and developing countries.
- When caesarean section rates rise towards 10% across a population, the number of maternal and newborn deaths decreases.
- When the rate goes above 10% there is no evidence that mortality rates improve.
- WHO says medical practitioners should not undertake caesarean sections purely to meet a given target or rate, but rather focus on the needs of patients.
- Caesarean sections can cause significant complications, disability or death, particularly in settings which lack the facilities to conduct safe surgeries or treat potential complications.

C-Sections



Cesarean Section Deliveries in Miami-Dade County





InterConceptual Health and Planned Pregnancy: A Holistic Approach

Yogi Hernandez Suarez, MD, MPH

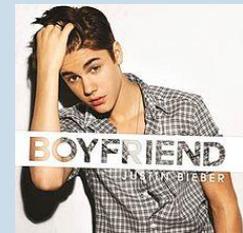
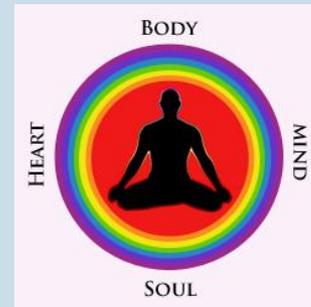
Humana

VP & Chief Medical Officer-Integrated Care Delivery Organization

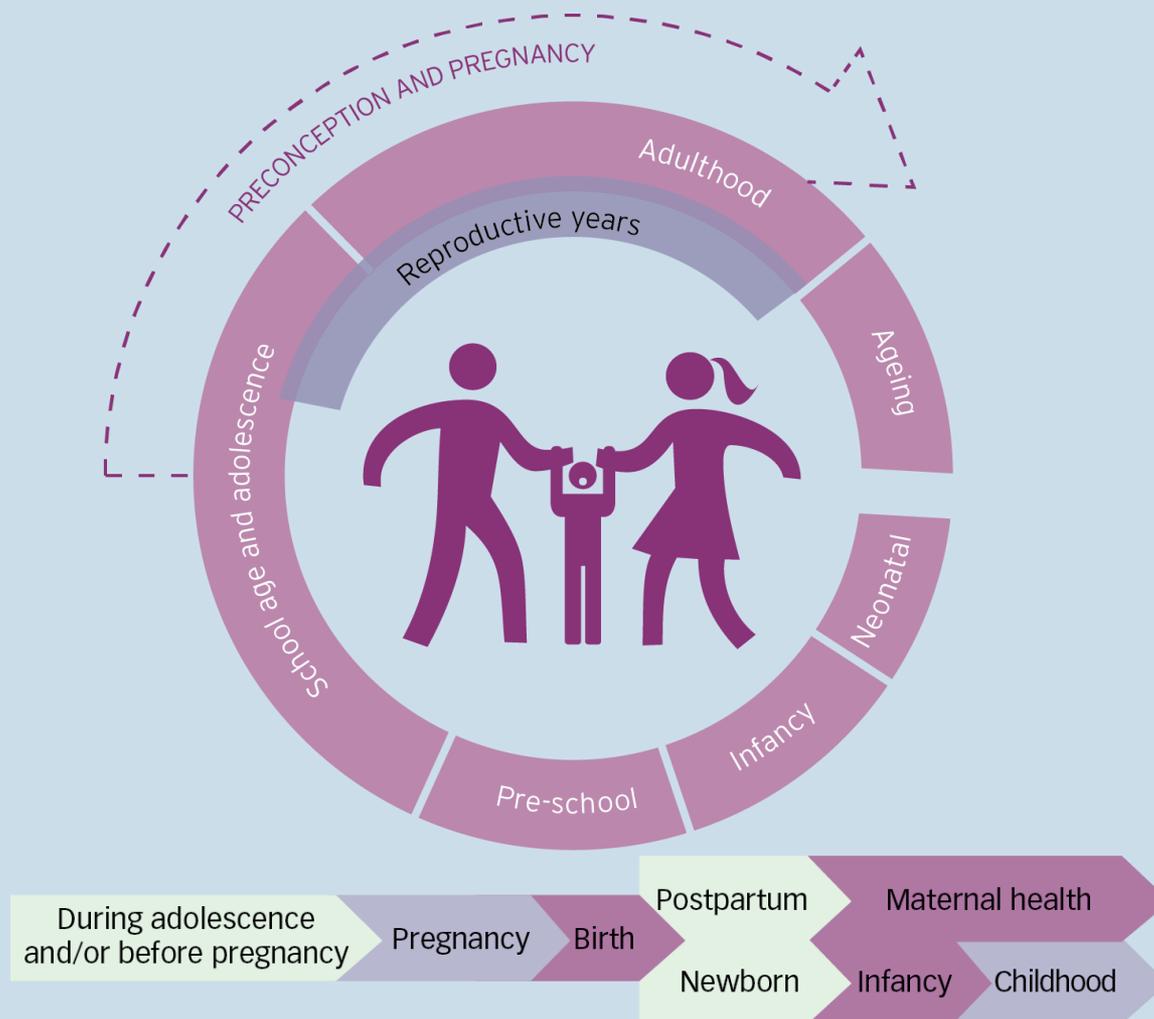
Planned Pregnancy....



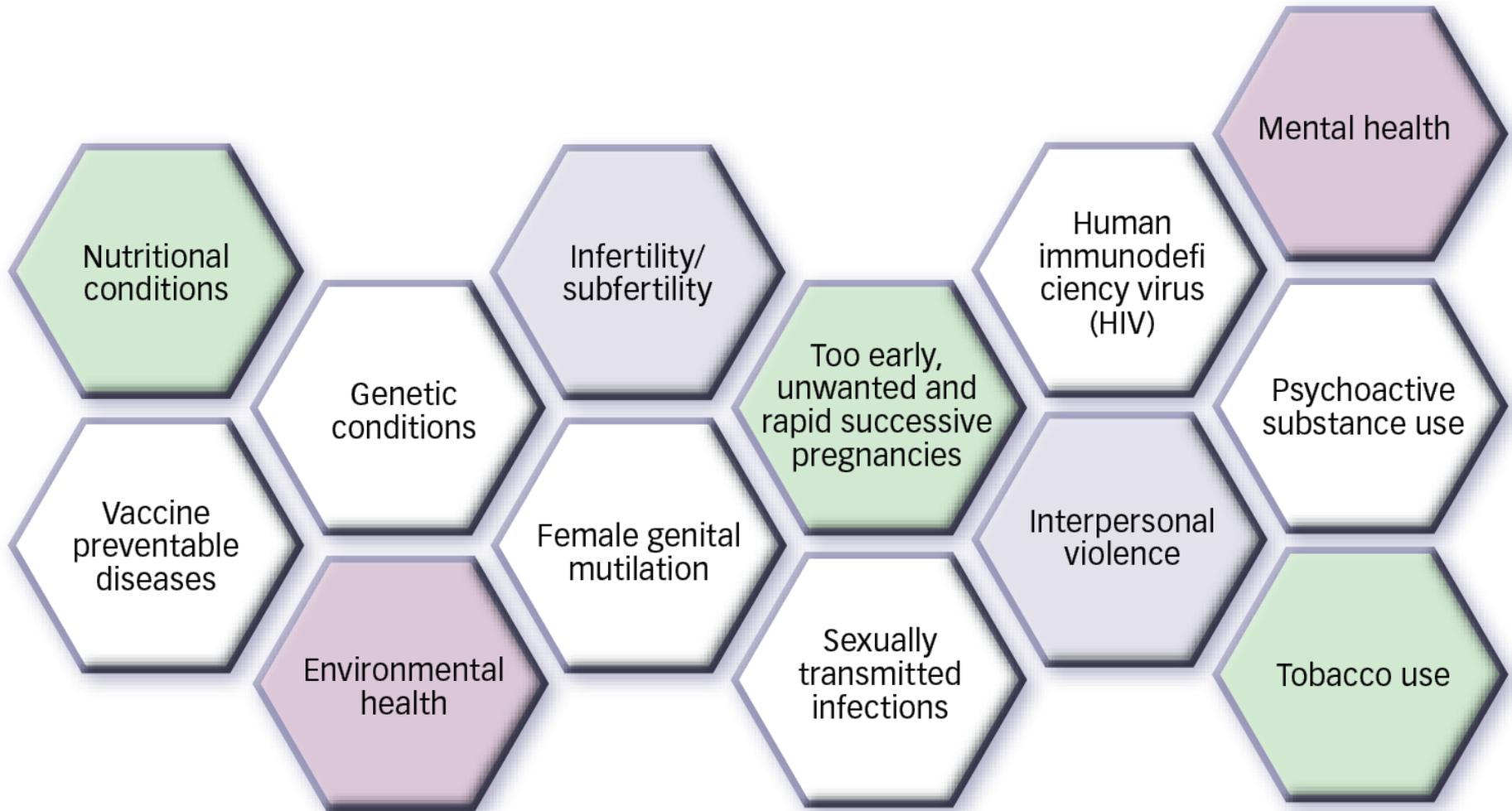
Planned Pregnancy....



Conceptual Planning as part of the Lifecycle



Potential moments of intervention



Evidence-based interventions: Wellness Programs



- Exercise programs
- Screening programs and health fairs
- Weight management programs
- Annual examination
- Non traditional venues: pharmacy, grocery stores, beauty salons, spas, gyms, clubs...
- Technology: apps, fitness monitoring

Evidence-based interventions: Policy and Education



- Educating girls and boys about sexuality, reproductive health and contraceptive use
- Creating visible, high-level support for pregnancy prevention programs
- Enabling adolescents to obtain contraceptive services including Plan B
- Influencing cultural norms against coerced sex and empowering women to resist coerced sex
- Engaging men and boys to critically assess norms and practices regarding gender-based violence and coerced sex
- Educating women and couples about the dangers to the baby and mother of short birth intervals



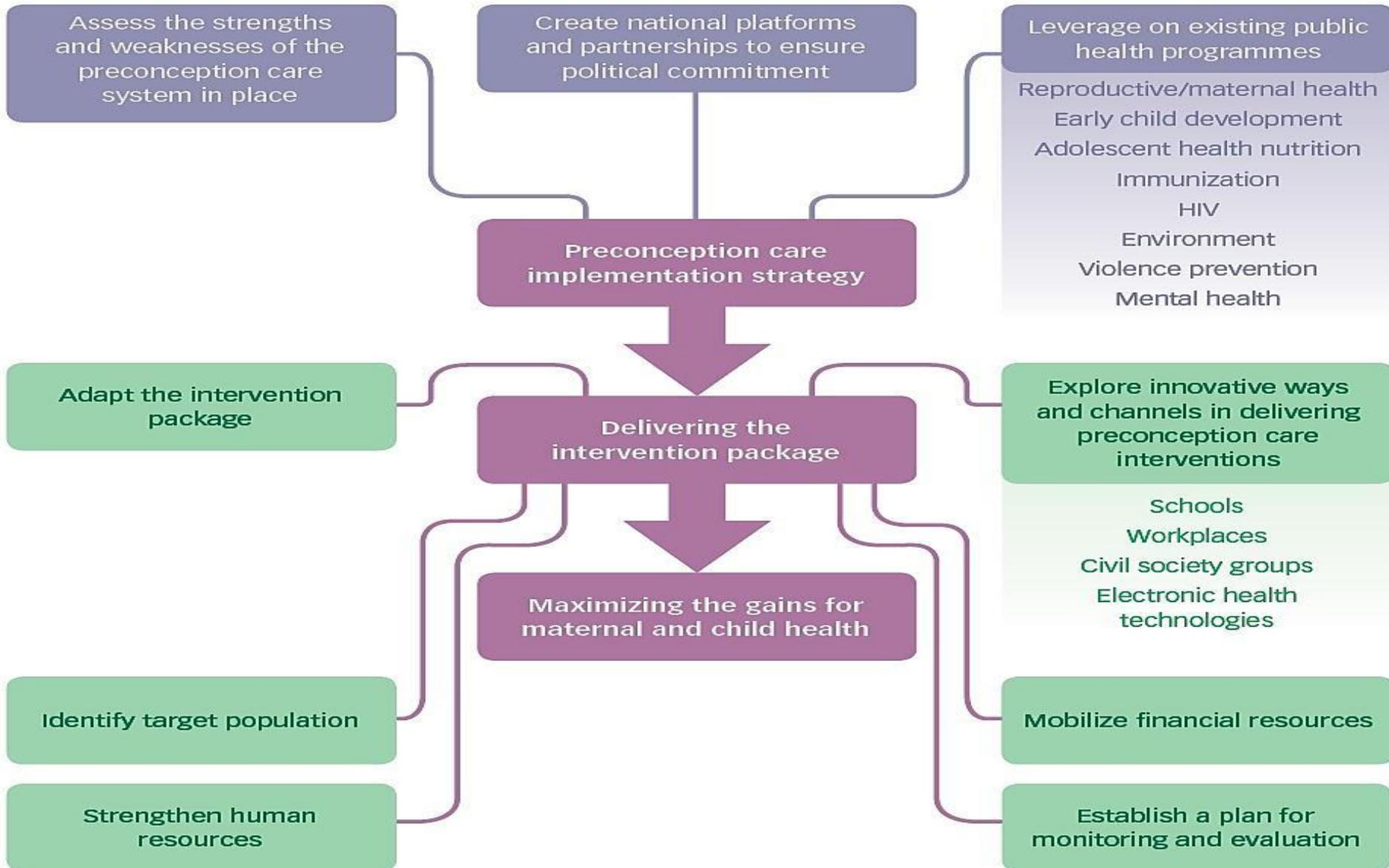
Evidence-based interventions: Chronic Disease Management



- Genetic Conditions
- Diabetes
- Hypertension
- Mental Illness
- Auto Immune disorders
- Heart disease
- Anemia
- HIV



A Strategy for Community Action





Preterm Birth

Manuel Fermin, MPA
Chief Executive Officer
Healthy Start Coalition of Miami-Dade

Background

- The Florida Department of Health launched the Florida's Healthy Babies initiative statewide during 2016.
- Focus: Close the gap of disparity among Non-Hispanic Black and Non-Hispanic White infants.
- Action: Community approach to positively influence social determinants with evidence-based interventions.



Contributing Factors

- Ethnicity
- Age of the mother
- Certain lifestyles
- Environmental factors
- Late or no health care during pregnancy
- Smoking
- Drinking alcohol
- Using illegal drugs
- Domestic violence, including physical, sexual, or emotional abuse
- Lack of social support
- Stress
- Long working hours with long periods of standing
- Exposure to certain environmental pollutants



Data Trends: Premature birth

Neighborhood groups with highest percentage:

- Opa-Locka/Miami Gardens/Westview (13%)
- Downtown/East Little Havana/Liberty City/Little Haiti/Overtown (12.7%)
- Doral/Miami Springs/ Sunset (10.5%)
- Brownsville/Coral Gables/Coconut Grove (10.3%)
- North Miami/North Miami Beach (9.8%)
- South Dade/Homestead (9.6%)

- National average 11.4% State Average 13.9%

Approaches to Reducing Preterm

- Healthy Start Program Care Coordination
- MomCare - exclusively targets Medicaid users
- Training on curricula which target reducing preterm birth risk factors:
 - Partners for a Healthy Baby for Home Visitors: Florida State University
 - Smoking Cessation and Reduction in Pregnancy Treatment (SCRIPT)
 - InterConceptional (ICC) Education Certification
 - Nutrition assessment and counseling

Targeting the Highest Risk Groups

HSCMD has 9 contracted providers and a partnership with The Jasmine Project to provide intensive services and up to 2 years of services for some of our highest risk zip codes for all of these factors:

- 33054 and 33055 Opa-Locka
- 33167 Westview area
- 33169 Golden Glades/Miami Gardens area

Questions?