



## Hennepin County: Infant Mortality September 18, 2017

Hennepin County Public Health

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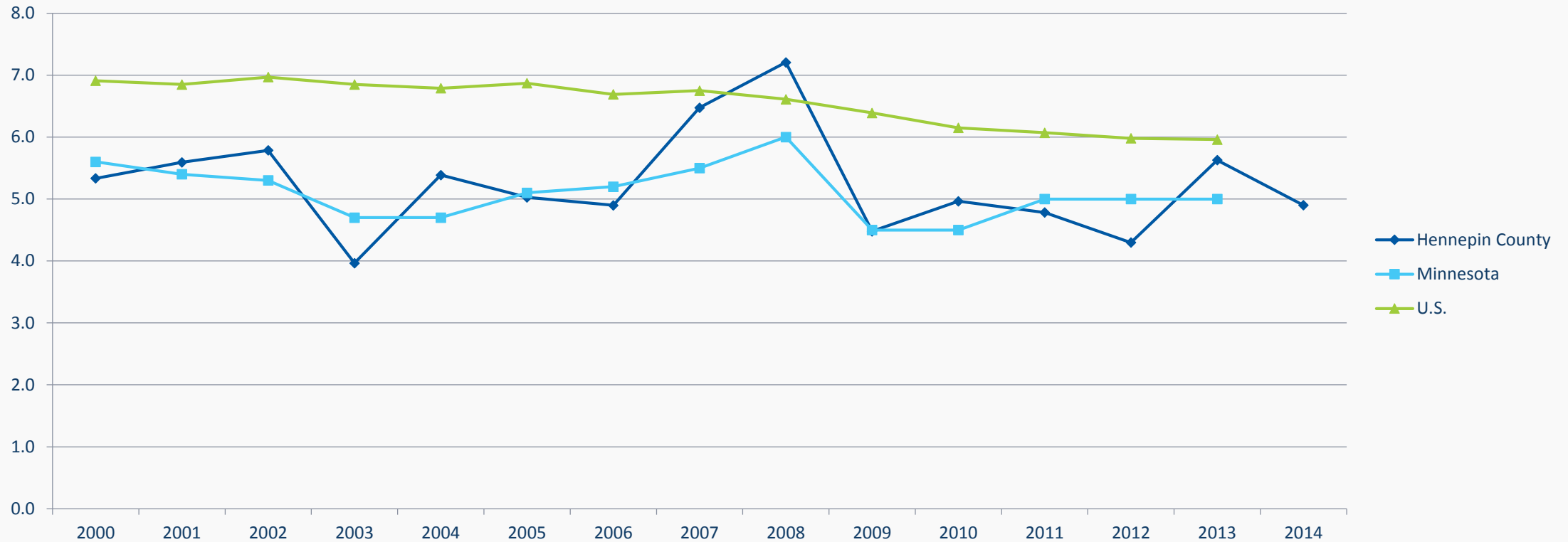


# Comparison Data

- Hennepin County's IM rate is 4.8 infant deaths per 1000 live births. ( 2010-11)
- Minnesota is at 5.0 deaths per thousand (2010-11)
- National IM rate is 6.1 deaths per thousand (2010-11)

# Trends over time

## Infant mortality rates per 1,000 live births: 2000-2014

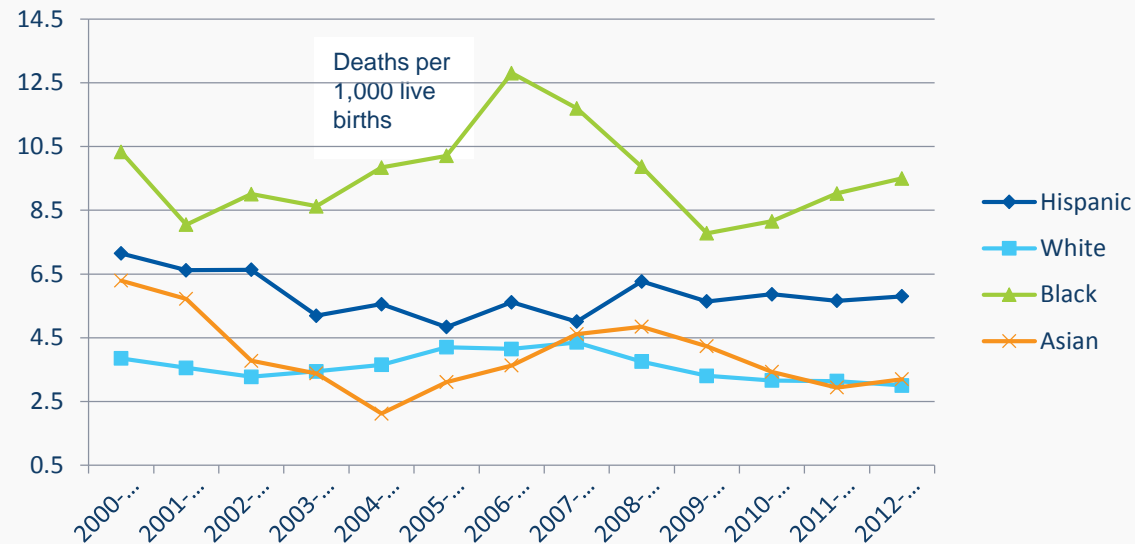


# In Hennepin County

- Rate of IM in Hennepin County has been stable since 2000.
- Highest rate of IM is among African American babies followed by Hispanic babies.
- American born AA mothers have higher rates of IM than foreign born AA mothers.
- Minneapolis has higher rates than Hennepin County.

# The Racial and Ethnic Disparities are the Problem

- **Figure 3. Hennepin County infant mortality rates by race/ethnicity: 2000-2014**

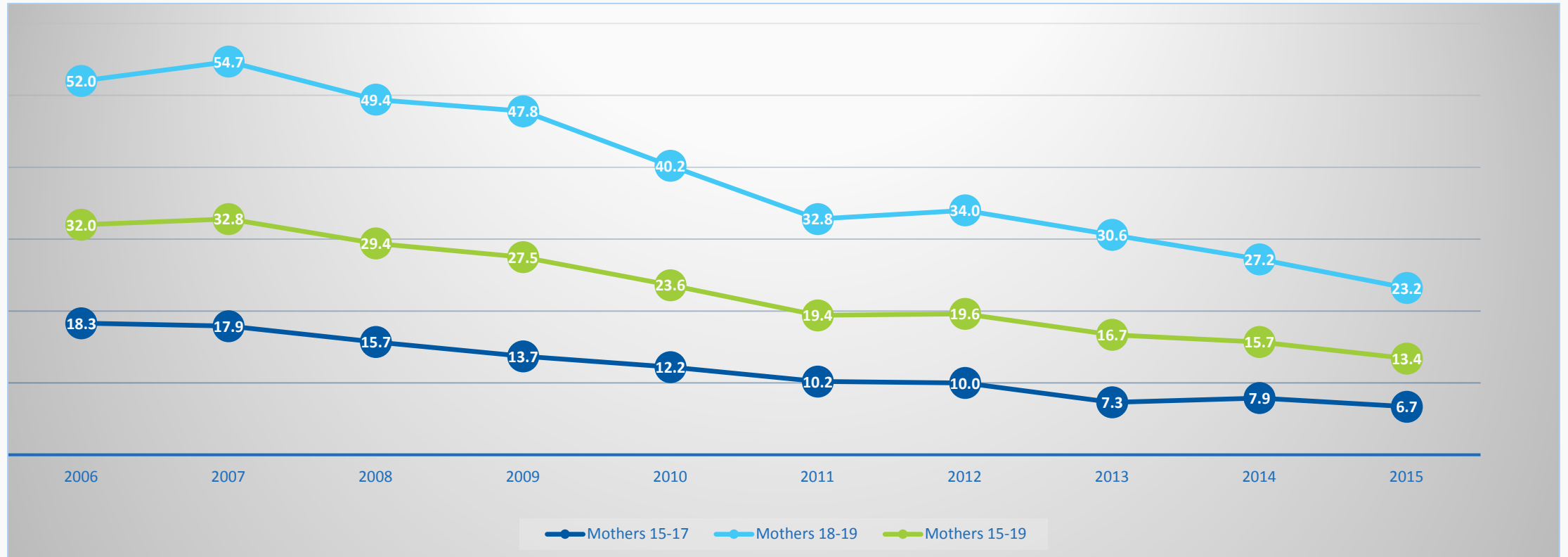


# Infant Mortality Key Indicators: Low Birth Weight and Preterm Births

- 6.8% of births born before 37 weeks. (2015)
- Higher rates in Minneapolis and NW Hennepin County
- 5.5 % of births weighed less than 5.5 lbs. (2014)
- Rates for LBW to mothers under 20 are nearly 2X that of older mothers
- Rates fairly stable throughout Hennepin County

# Births to Teens are Significantly Decreasing

Figure 1. Birth rate for mothers 15-19 years in Hennepin County: 2006 - 2015



# Reducing Teen Births Impacts Infant Mortality

- Long acting Birth Control (LARC)
- Comprehensive sex education in schools and the community
- Home Visiting (Esp. preventing repeat pregnancy)





# Prenatal Care is Essential

- 81% of Births in 2014 had 1<sup>st</sup> trimester prenatal care.
- Cultural awareness
- New approach with group care at North Point
- Increase in Birthing Centers and Doulas
- Supportive care for CD treatment



# Home Visiting improves Pregnancy Outcomes

- Increased prenatal care
- Support to quit smoking or using chemicals
- Adequate nutrition
- Mental Health Screening
- Child spacing
- [Hennepin County's Targeted Home Visiting \(video link\)](#)

# Congenital Anomalies are a Major Cause of Infant Mortality

- Up to a third of infant deaths are related to congenital anomalies.
- Minnesota does newborn blood screening.
- Families with genetic anomalies receive counseling about further pregnancies.
- Hennepin County maintains a birth defects registry.

# Safe Sleep

- Hennepin County reviews all SUIDs.
- Child Protection and Public Health work to ensure infants have safe sleep environments.
- Provide Pack and Plays that families can keep.
- Major Disparities esp. for American Indian families.



# Summary

- Continue to monitor and analyze IM data.
- Address disparities in more effective ways.
- Increase home visiting with multiple types of programs
- Continue to prevent teen pregnancy.
- Support WIC and breastfeeding



# Questions & Discussion

