

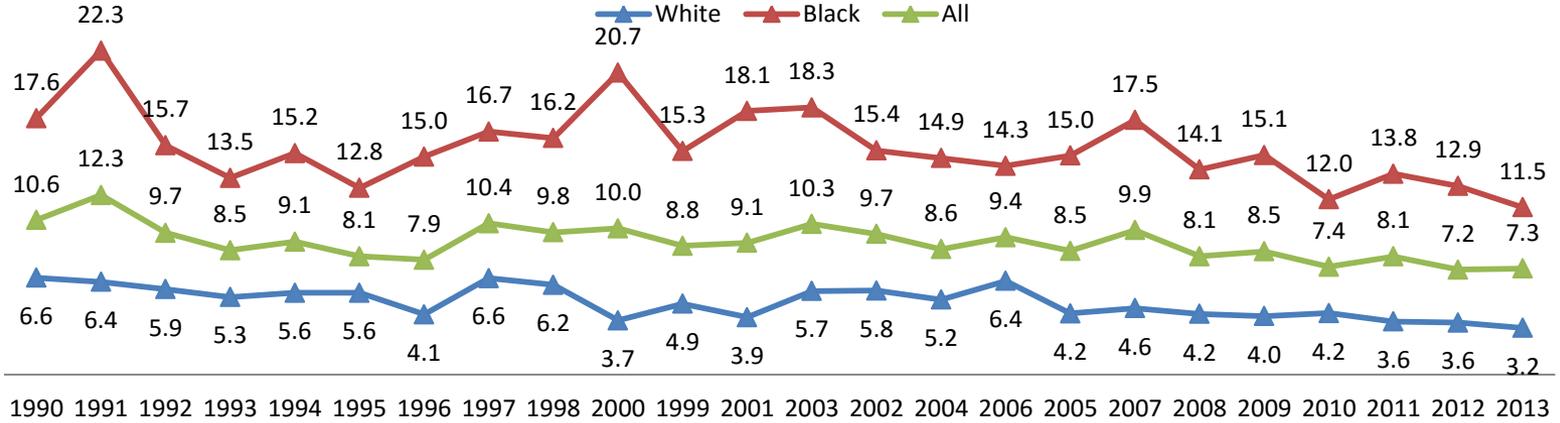
# Collective Impact:

## Health of Babies Anchors Health of Communities

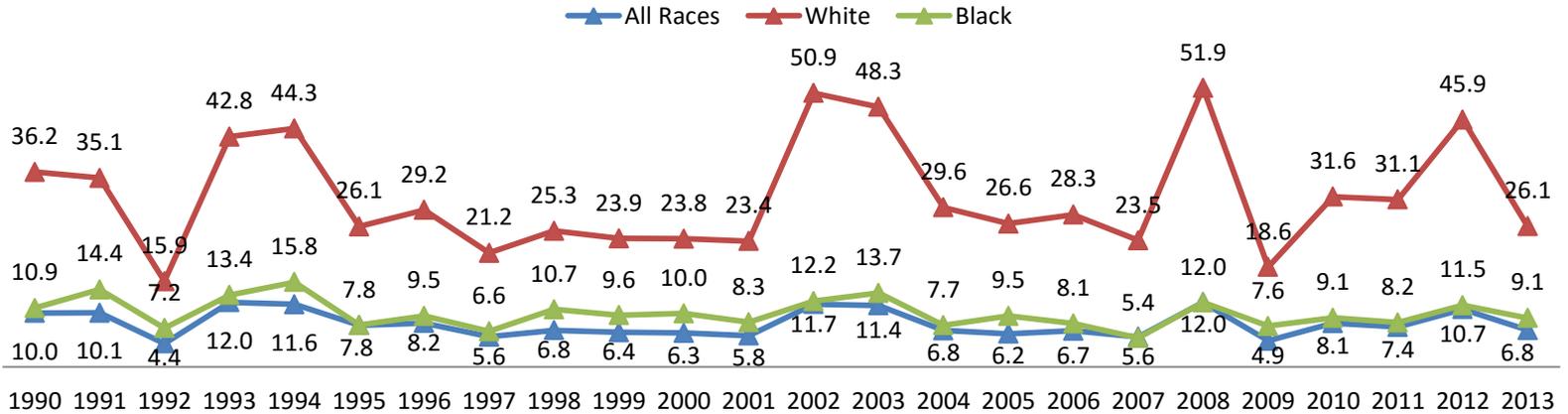
Pamela K. Xaverius, PhD, MBA

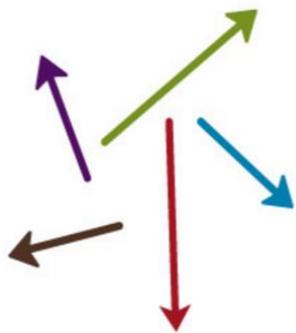


## Infant Mortality St. Louis City/County

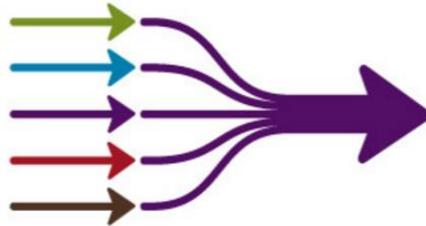


## Infant Mortality Bootheel





**BEFORE**



**AFTER**

### **Common Agenda**

- Keeps all parties moving towards the same goal

### **Common Progress Measures**

- Measures that get to the TRUE outcome

### **Mutually Reinforcing Activities**

- Each expertise is leveraged as part of the overall

### **Communications**

- This allows a culture of collaboration

### **Backbone Organization**

- Takes on the role of managing collaboration



## *Alice in Wonderland*

*"Would you tell me, please, which way I ought to go from here?"*

*"That depends a good deal on where you want to get to," said the Cat.*

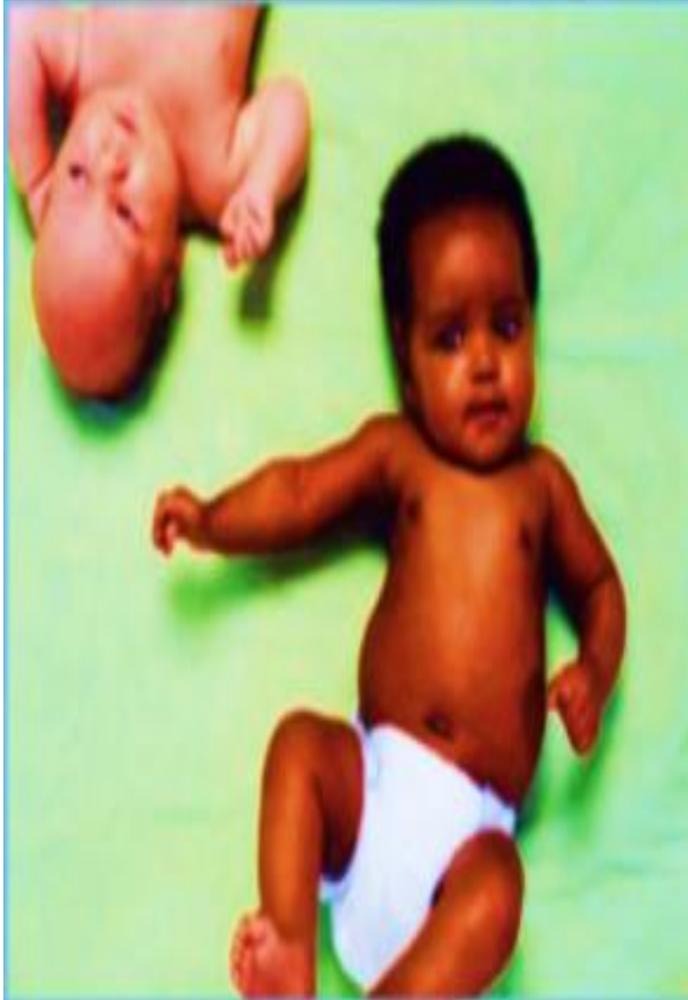
*"I don't much care where—" said Alice.*

*"Then it doesn't matter which way you go," said the Cat.*

*"—so long as I get SOMEWHERE," Alice added as an explanation.*

*"Oh, you're sure to do that," said the Cat, "if you only walk long enough."*

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**St. Louis City and County (2010-2014),  
81,733 live births and fetal deaths  
(restricted based on PPOR analysis).**

**When comparing Black, non-Hispanic  
to White, non-Hispanic:**

- **White FIMR rate is 4.5**
- **Black FIMR rate is 12.0**
- **2.67 : 1.00 Black-White disparity  
ratio**

**Table 6. Adjusted odds ratios (AOR), 95% confidence intervals (CI), prevalence and population attributable risk percents (PAR%) for risk and preventive factors associated with very low birth weight, St. Louis City and County, 2010-2014 overall (N=81,733). Outcome is VLBW.**

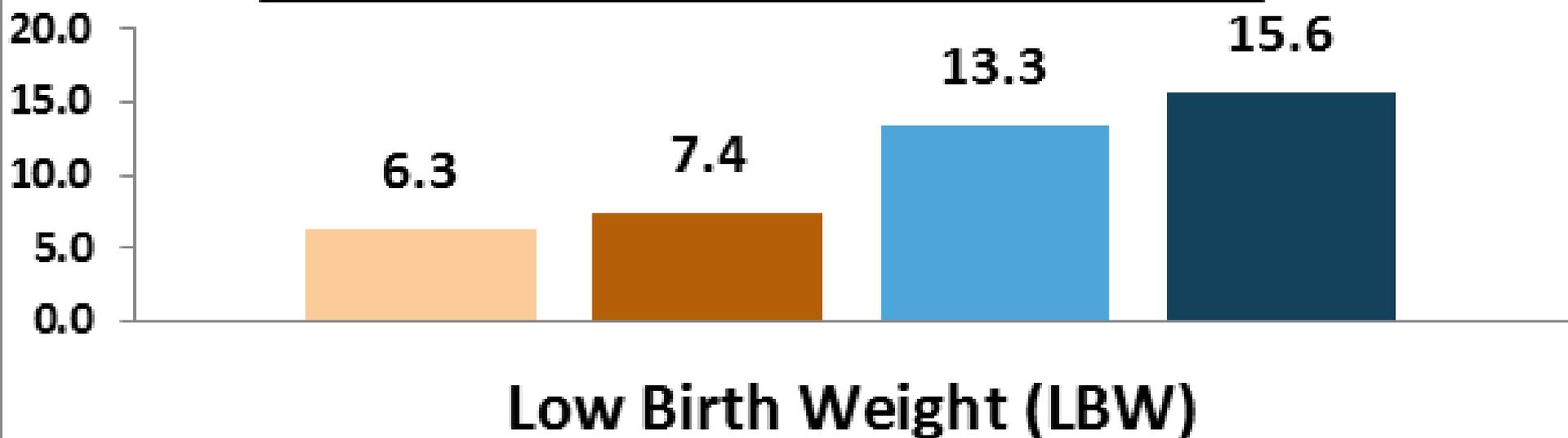
Risk/Preventive Factors	AOR	95% CI	Prevalence proportion <sup>a</sup>	PAR%
County: St. Louis City (ref: County)	1.10	0.98-1.23	0.29	-
<b>Maternal Race: Black (ref: White)</b>	2.35	2.00-2.76	0.38	33.91
Maternal Race: Other (ref: white)	1.18	0.87-1.59	0.06	-
Maternal Race: Hispanic (ref: White)	1.13	0.79-1.61	0.04	-
<b>Maternal Age: &lt; 20 (ref: 20-34)</b>	1.22	1.01-1.48	0.07	1.52
Maternal Age: > 34 (ref: 20-34)	1.05	0.88-1.24	0.15	-
Maternal Education: < HS graduate (> HS graduate)	0.86	0.73-1.02	0.12	-
<b>Married: Yes (ref: No)</b>	0.76	0.65-0.89	0.55	-15.21
Government program: Yes (ref: No)	0.92	0.77-1.10	0.51	-
Prenatal Care: Inadequate (ref: else)	1.11	0.95-1.29	0.12	-
Previous live births: Nulliparous (ref: Primiparous)	0.99	0.86-1.14	0.41	-
Previous live births: Multiparous (ref: Primiparous)	1.01	0.87-1.17	0.28	-
<b>Smoking during pregnancy: Yes (ref: No)</b>	1.44	1.23-1.68	0.11	4.62
Insulin dependent diabetes: Yes (ref: No)	1.44	0.87-2.39	0.01	-
Other diabetes: Yes (ref: No)	0.97	0.75-1.26	0.05	-
<b>Pre-pregnancy hypertension: Yes (ref: No)</b>	2.48	1.91-3.22	0.02	2.87
<b>Gestational hypertension: Yes (ref: No)</b>	2.52	2.16-2.93	0.06	8.36
<b>Hypertension eclampsia: Yes (ref: No)</b>	3.37	2.52-4.51	0.01	2.32

\* Bolded risk factors are significant at  $p < .05$

<sup>a</sup> Prevalence of group of interest in overall population, denominator = 81,733

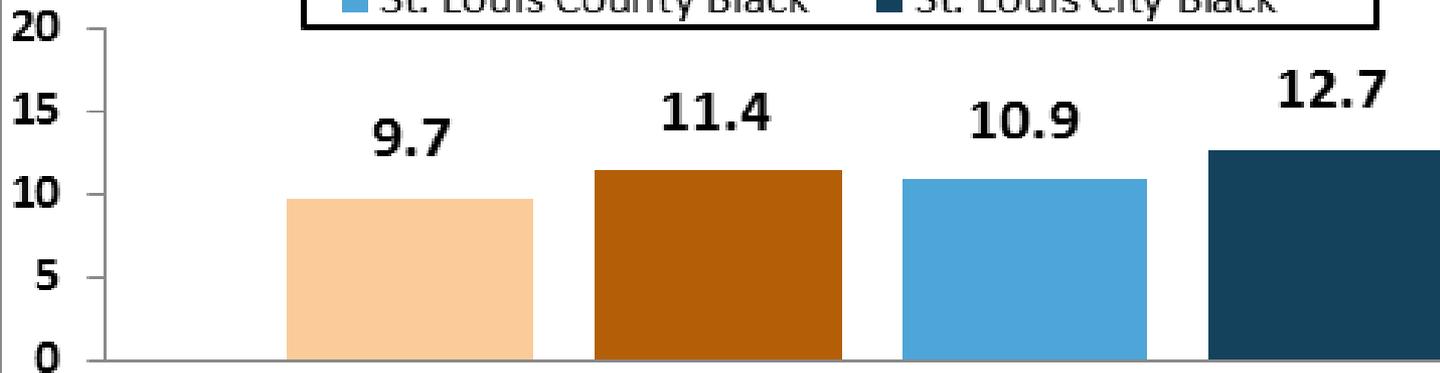
**2010-2014: St. Louis City and County, MO**  
(Per 100 live births; n=72,977)

St. Louis County White    St. Louis City White  
St. Louis County Black    St. Louis City Black



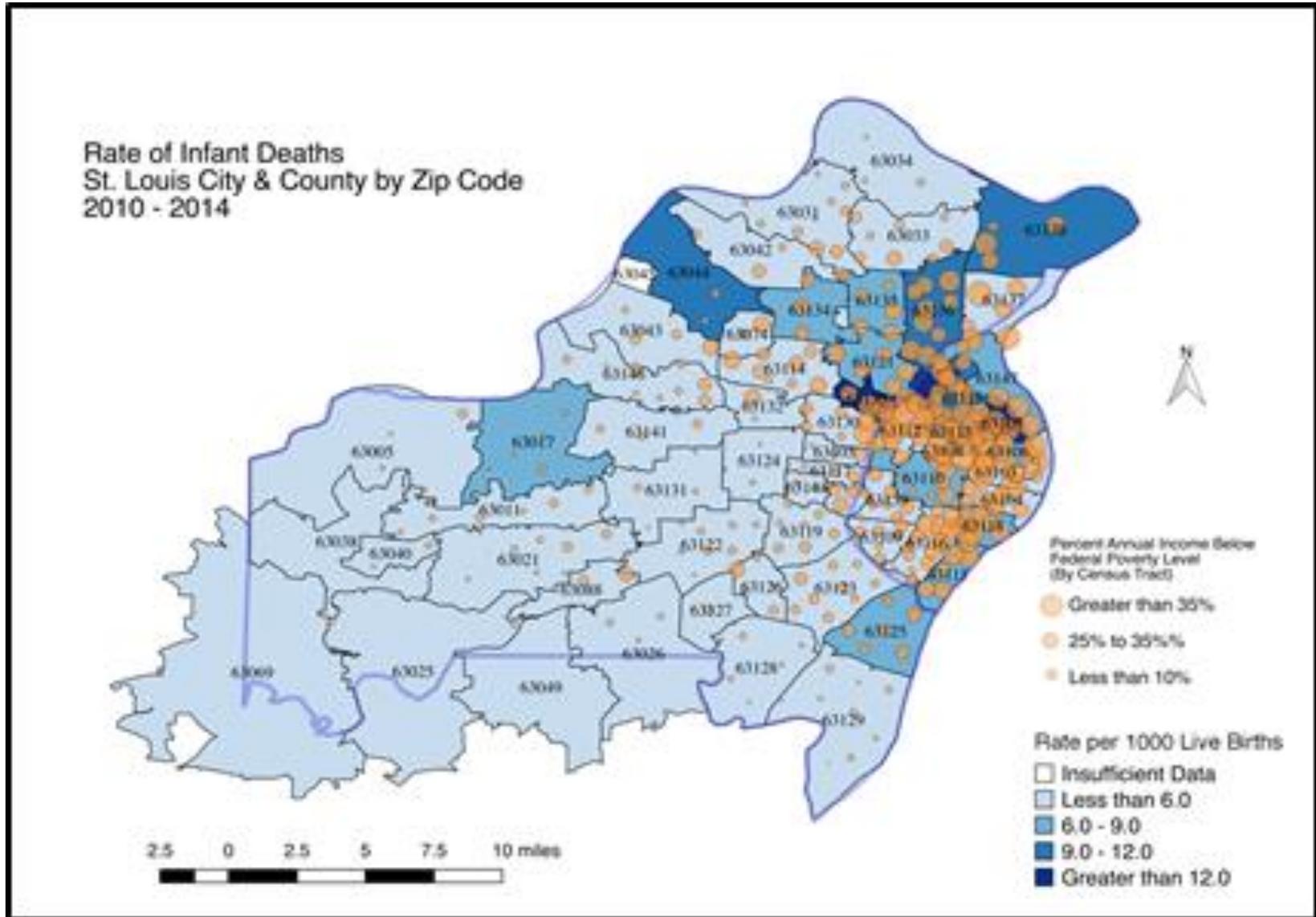
**2010-2014: St. Louis City and County, MO**  
(Per 100 live births; n=72,977)

St. Louis County White    St. Louis City White  
St. Louis County Black    St. Louis City Black



**Small for Gestational Age (SGA)**

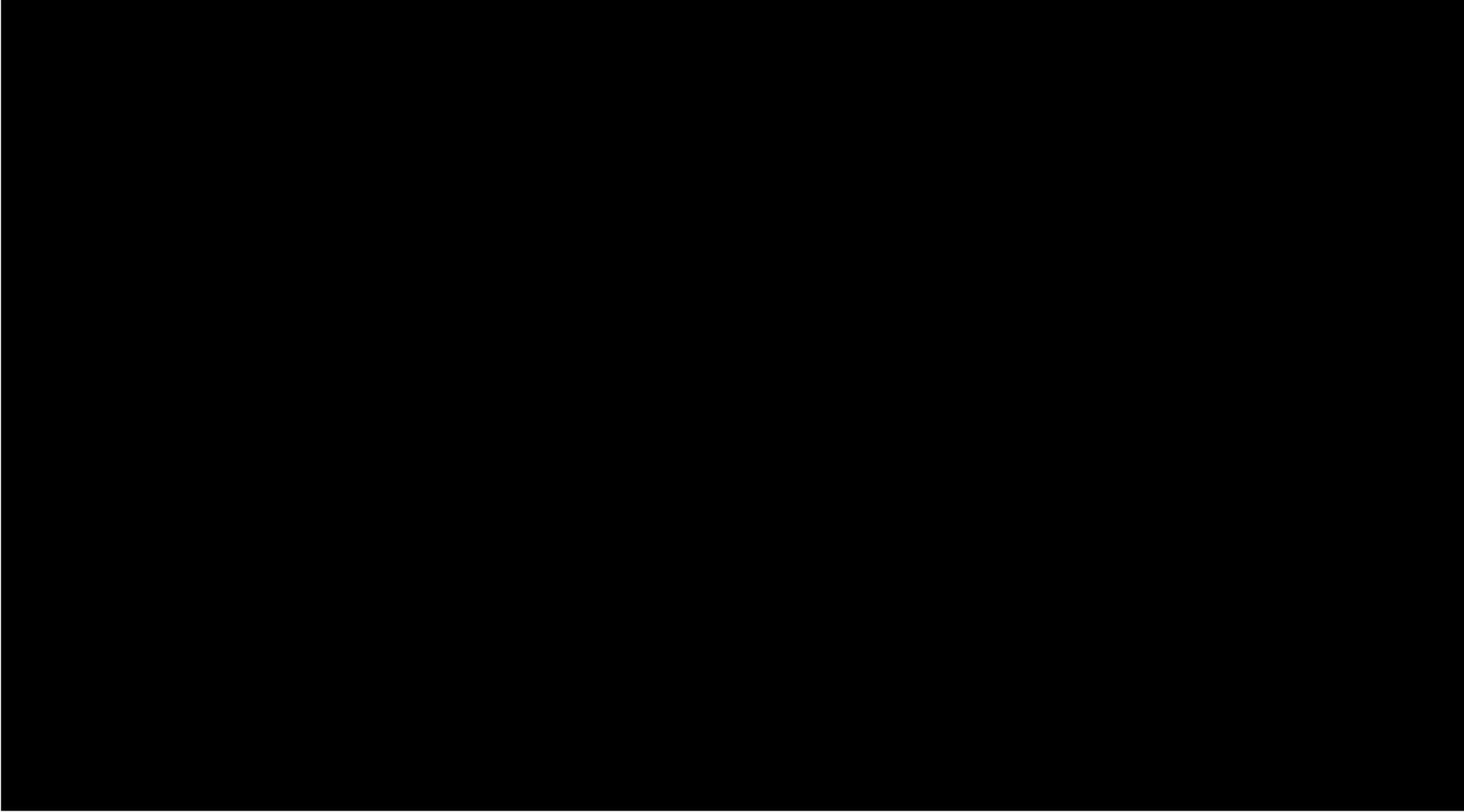
# Infant Mortality + Percent of Households in Poverty





*Every baby in the St. Louis region will celebrate  
a healthy and happy first birthday.*





# African Proverb

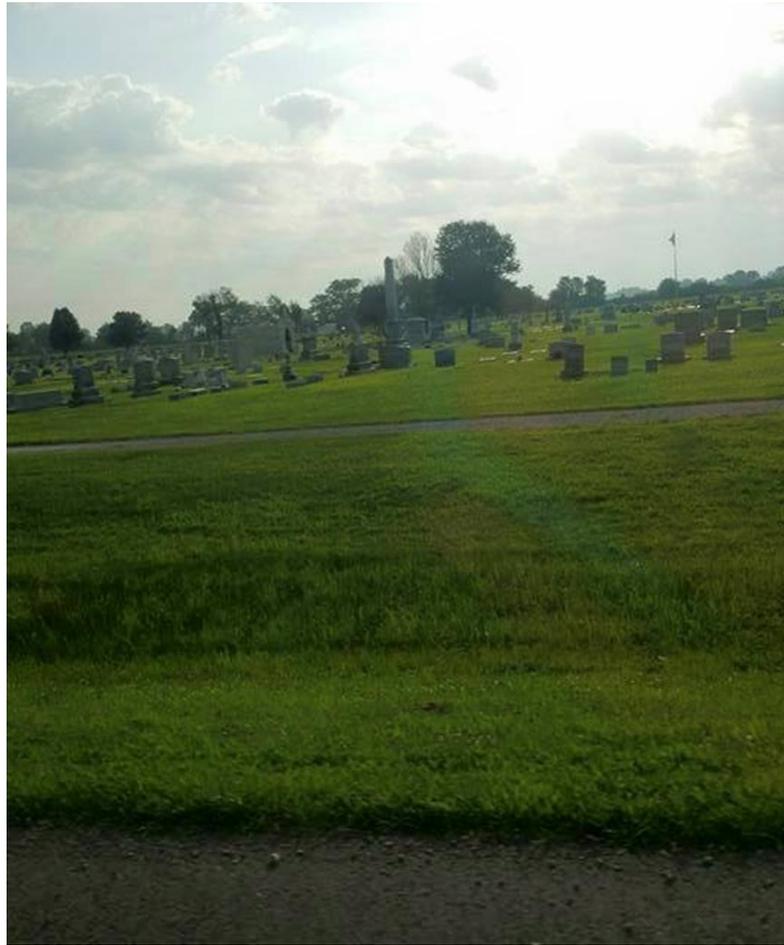


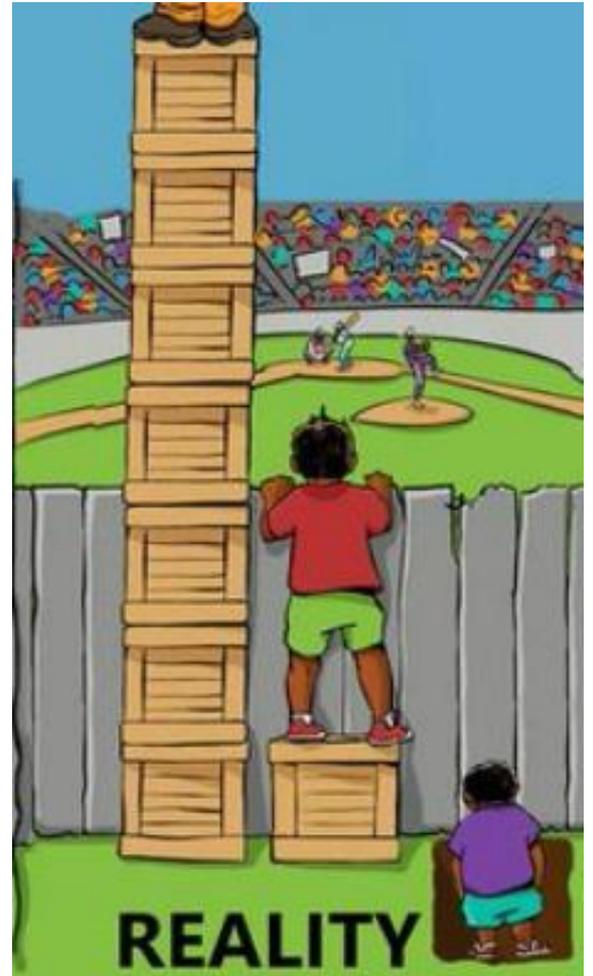
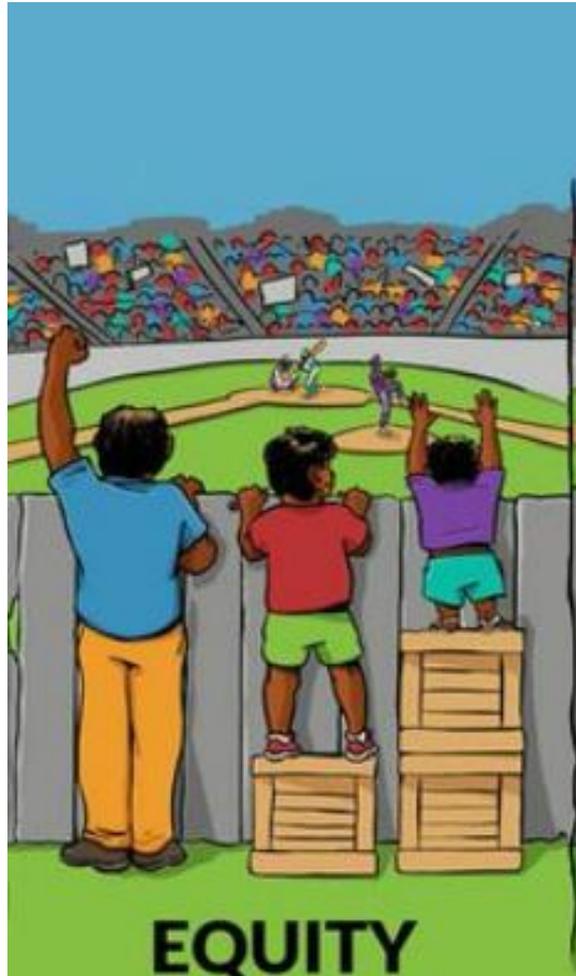
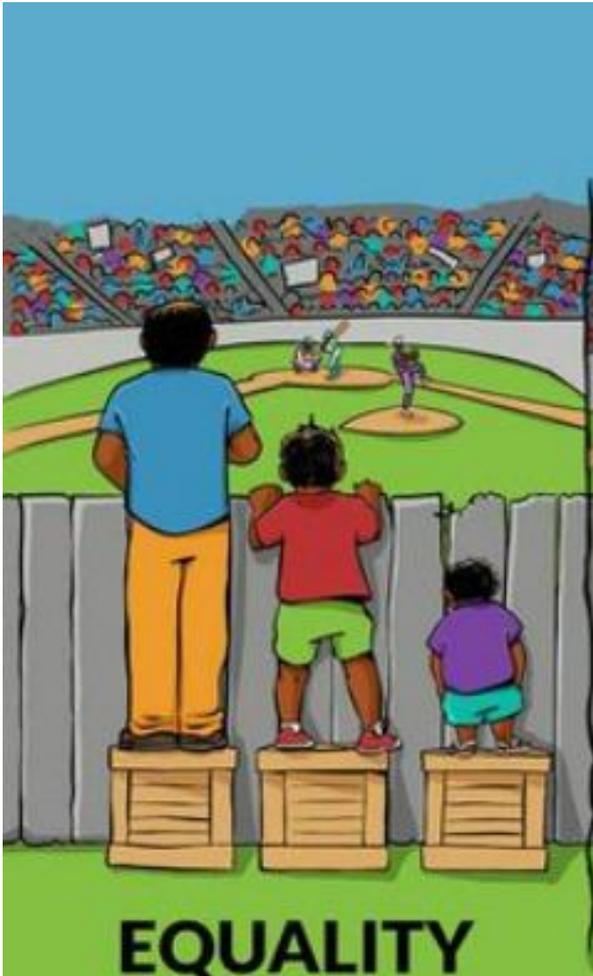
*Until the Lions tell their  
tale, the story of the hunt  
will always glorify the  
hunters.*

African Proverb.

<http://www.facebook.com/TheAgeOfWomen>

“We need to do what we can, to prevent babies from ending up here”



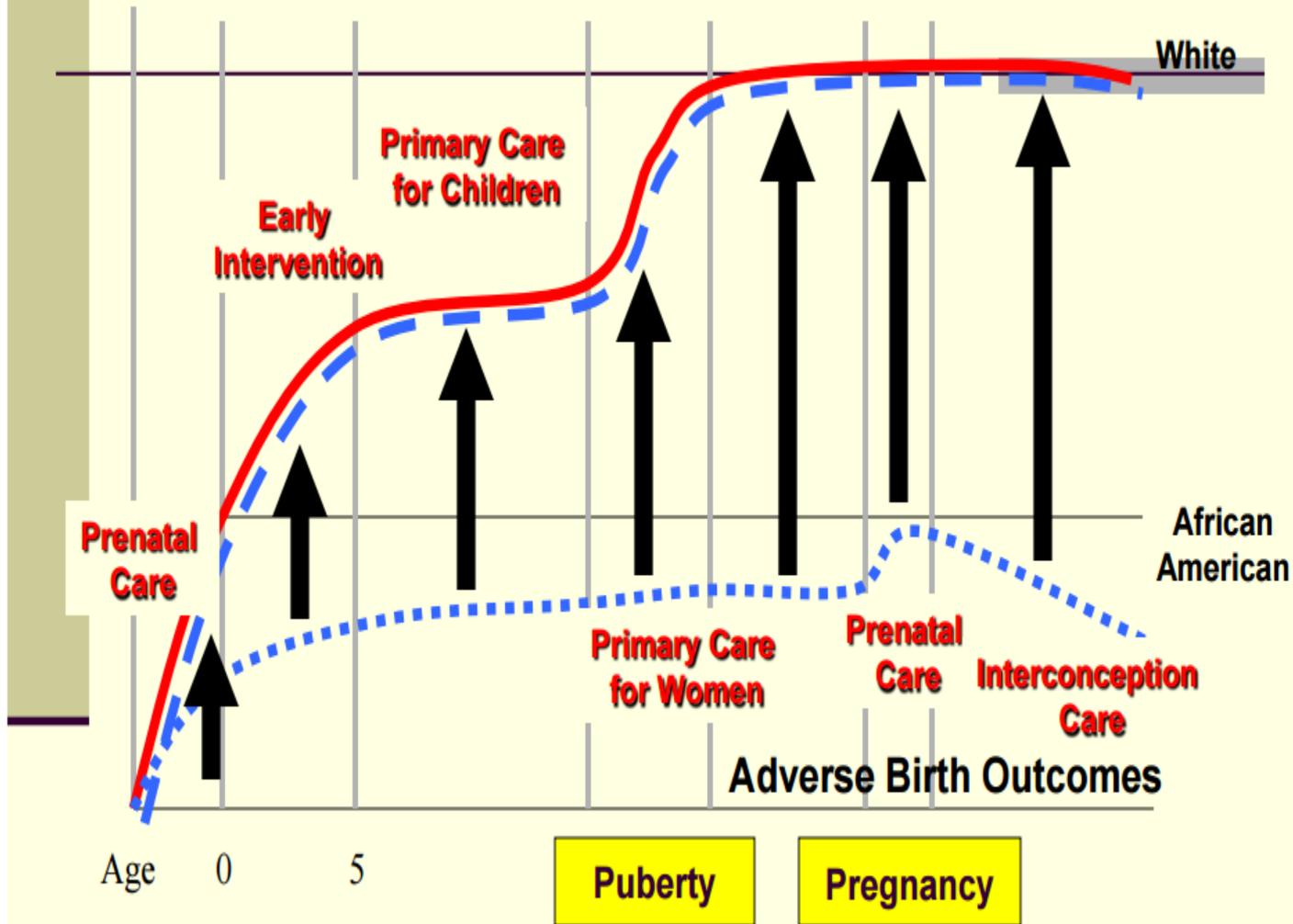




Extensive review of data & conversations with community members, health providers, and business and civic leaders: ***five priority areas:***

- 1. Prenatal Care**
- 2. Infant Health**
- 3. Health Communication & Navigation**
- 4. Transportation**
- 5. Behavioral Health**

# Life Course Perspective



Source: Michael Lu, 2003

# MFFH: Infant Mortality Reduction Initiative

“Established the Infant Mortality Reduction Initiative in 2013 to address the disproportionately high rates of infant death in portions of St. Louis and the six counties that make up Missouri’s Bootheel. Through the use of a collective impact framework, [they] are partnering with organizations and communities, working together toward a shared goal.