

# Infant Mortality & the Social Determinants of Health: Upstream Solutions – Downstream Interventions



The Infant Mortality Commission  
Charles W. Noble III, JD, MCP  
Kirwan Institute  
10.29.15

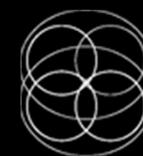


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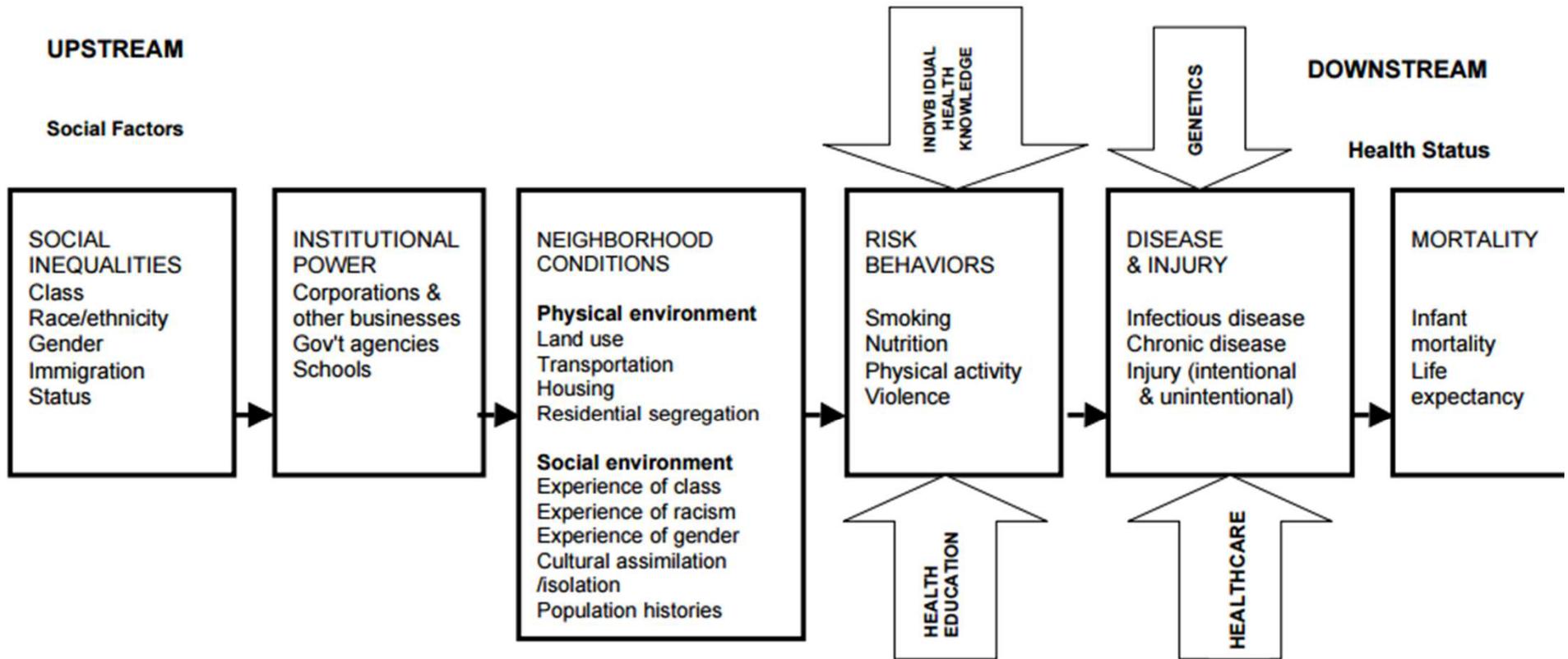
# Introduction & Overview

## Goals of Today's Presentation:

- I. Briefly discuss the Upstream-Downstream Model
- II. Highlight some of the risk-factors associated with premature birth and low birth weight
- III. Brief overview of Social Determinants of Health within purview of LSC's work-to-date
- IV. Introduce a blended Upstream-Downstream/Social Determinants Model



**FRAMEWORK FOR UNDERSTANDING AND MEASURING HEALTH INEQUITIES  
BAY AREA REGIONAL HEALTH INEQUITIES INITIATIVE**



Source: Bay Area Regional Health Inequities Initiative

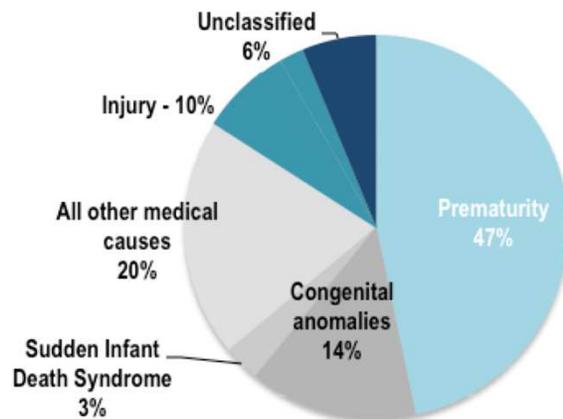


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# Premature Birth & Low Birth Weight

Figure 2

## Infant deaths by leading causes of deaths, 2008-2012



Source: Policy Matters Ohio, based on Ohio Child Fatality Review Fourteenth Annual Report, Ohio Department of Health and Ohio Children's Trust Fund, Submitted September 30, 2014, p.52 <http://1.usa.gov/1lajGrq>

Factors associated with preterm birth include:

- I. **Low or high maternal age**
- II. **Low socioeconomic status**
- III. History of preterm births
- IV. **High blood pressure during pregnancy**
- V. **Race**
- VI. **Late prenatal care**
- VII. **Stress**
- VIII. Tobacco and alcohol use
- IX. Substance abuse
- X. Back-to-back pregnancies
- XI. Early induced labor

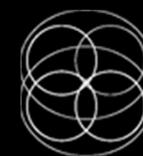


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# Brief Overview of the Social Determinants of Health



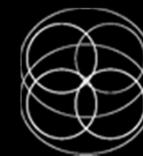
# LSC Work In Context – Distribution of IM-Rate-Reduction Assets by Social Determinant



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# Health & Healthcare

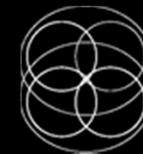
- I. Provide enhanced maternal care management for high-risk pregnancies
- II. Financially reward health plans that improve infant health outcomes
- III. Improve NICU discharge planning
- IV. Improve treatment options for neonatal narcotic abstinence
- V. Maternal opiate medical support
- VI. Minority Health – Demonstration Grant Program
- VII. Expand Medicaid presumptive eligibility for pregnant women
- VIII. Promote breastfeeding
- IX. Drug-based interventions
- X. Reduce scheduled deliveries prior to 31 weeks
- XI. Genetic Services Program
- XII. Gestational Diabetes Collaborative
- XIII. Ohio Child Fatality Review
- XIV. Ohio Connection for Children with Special Needs, Ohio Birth Defects Information System
- XV. Perinatal Quality Improvement Project
- XVI. Pregnancy Associated mortality review
- XVII. Perinatal Smoking Cessation Programs
- XVIII. Text4Baby
- XIX. Centering Pregnancy – Demonstration Project
- XX. Child and Family Health Services Program



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# Social & Community Context

- I. Help Me Grow Home visiting
- II. Reproductive Health & Wellness Review
- III. Choose Life
- IV. Fetal Infant Mortality Review
- V. Minority Health – Demonstration



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# Neighborhood & Built Environment

- I. Engage with Leaders in high risk neighborhoods to connect women to healthcare
- II. Pathways Community - Hub Model Minority



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