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

Ohio Collaborative to Prevent Infant Mortality

The Infant Mortality Commission
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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
Premature Birth & Low Birth Weight

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

Figure 2
Infant deaths by leading causes of deaths, 2008-2012

Brief Overview of the Social Determinants of Health
LSC Work In Context – Distribution of IM-Rate-Reduction Assets by Social Determinant
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
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
Neighborhood & Built Environment

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