Sub-Logic Model: Enhancing Access to Health Care and Social Supports to Reduce Infant Mortality in Kansas.

Context/Conditions:	Risk/ Protective Factors:	Recommended Intervention Components & Activities:	Outcomes:
-Kansas ranks 40 th among	Behavioral:	Providing Information and Enhancing Skills:	<u>A.</u> No elective induced labor < 39wk
states in infant mortality	 Alcohol, tobacco, & other drug use 	- Text for Baby messages	<u>B.</u> Increased folic acid intake for
rate	- Maternal Nutrition:	- PSA's on risk of elective preterm deliveries	child bearing age women (100%)
-Kansas ranks worst in Black	 Low pre-pregnancy weight (BMI < 19.8) 	- Public campaign on benefits of folic acid & harm of alcohol, tobacco, cocaine, &	[consider link on prenatal vitamins
IMR (BIMR is 2.7 times	 High pre-pregnancy weight (BMI > 26.0) 	other drug use	to message on safe sleep] C. Increased access to care &
higher than WIMR)	 Inappropriate prenatal weight gain Lack of folic acid use 	0	utilization before, during and after
-Highest IMR rates in high-	- Employment: unemployed, long work hours,	- Public campaign on spacing pregnancies	pregnancy within a medical home,
risk places (especially in SG,	prolonged standing, low job satisfaction	- Multi-year statewide infant mortality public awareness campaign	with optimal inter-pregnancy
WY, GE counties) -Leading Causes of Infant	- Exercise in pregnancy	- Information on improving health literacy	spacing
Mortality: prematurity, low	- Early prenatal care	Enhancing Services and Support:	a) Access and utilization of
birth weight, birth defects,	Biological/History/Experience:	- Implement state-wide PRAMS (Pregnancy Risk Assessment Monitoring System)	preconception care
SIDS/sleep-related deaths	- Race/Ethnicity (African American, Native	to determine trends/disparities in birth outcomes of overall Kansas births	b) Access and utilization of care
Barriers:	American, Puerto Rican)	- Establish and maintain the FIMR projects in Wyandotte and Sedgwick counties	during and after the post-
-Lack of urgency for	- Foreign born mother	to help identify social and medical factors that contribute to infant death	partum period
reducing IMR	- Early (1 st trimester) prenatal care: lack of access		c) Access to care during minimal
-Limited resources for	to quality prenatal care	- Increased data collection, analysis, and dissemination of information on infant	18 month inter-pregnancy
assuring access to needed	- Multiple gestations, assisted reproductive	mortality related to disparities	period d) Access to preventive services
health services and	technology - Maternal age (teens & older age/35+)	- State Perinatal Periods of Risk (PPOR) (every 5 years)	for infant and mother
community-based programs	- Material age (teens & older age/55+) - Obstetric History	- Identify and implement best practice models	e) Access to genetics counseling
Resources:	Previous LBW or preterm delivery	- Support perinatal collaborative and surveillance systems	<u>D.</u> Increased Social & Health Care
-Existing collaborative	 Previous fetal demise/infant death 	- Create neonatal-perinatal quality improvement collaborative	Supports:
partnership for preventing	 Prior 1st trimester induced abortion 	- Support evidence-based community programs including home visitation for	a) Care coordination and family
IM, including among:	 Short inter-pregnancy interval (<6mo) 	high-risk families	support services available for all
State health department	 Inadeguate interconception care 	- Promote smoking cessation programs for families and caregivers	women in high risk zip codes
(including Center for	 Reproductive tract abnormalities & infections 	- Train health care workers on screening and referral for DV/IPV, tobacco,	b) All prenatal women are
Health Disparities)	 Nulliparity & high parity 	alcohol, drugs, and anxiety/depression	provided with education on
Health organizations	• Elective deliveries <39 weeks	- Improve availability of bilingual services	benefits of breastfeeding, and
(e.g., neonatal care)	- Medical Illnesses & Conditions	- Support funding for state genetics plan	all post-partum women have
March of Dimes	 Chronic Hypertension & Preeclampsia 		access to breastfeeding supports
 SIDS/Safe Sleep Coalition 	Systemic Lupus Erythematosus (Lupus)	Modifying Access, Barriers, and Opportunities:	c) All pregnant women are
Professional associations	Restrictive lung disease & Asthma	- Expedite Medicaid application for prenatal care	screened for tobacco, substance
(e.g., Kansas American	 Hyperthyroidism Pregestational & gestational diabetes 	- Increase Medicaid access for genetic counseling pre and postnatal	abuse, mental health, and DV
Academy of Pediatrics)	 Pregestational renal disease 	- Provide culturally tailored education and information	and get appropriate referrals
 Academic and research partners 	 Maternal birth weight ("Life Course 	- Provide interconception care	E. Attain Healthy Pregnancy for All
 Promising Community 	Perspective")	Changing Consequences:	Kansas Women
Initiatives (e.g., MCH	Prior STD history	- Provide adequate insurance reimbursement for group visits & centering care	a) No tobacco, alcohol, drug use
Coalition of KC; Healthy	Previous history of genetic risk	Modifying Policies & Systems:	b) Appropriate physical activity
Babies/FIMR/SG Co.)	Psychosocial & Environment:	- Promote universal provision of prenatal care for uninsured women	c) Appropriate prenatal weight
 Sovereign nations & 	- Stress: • Anxiety	- Apply for Medicaid Family Planning Service Option for expanded post-partum	gain
urban Indian populations	Depression	coverage (or Medicaid 115 waiver in 2014)	<u>F.</u> All maternal child health
in KS	Domestic Violence		providers are culturally competent
	- Racism	- Secure full funding to assure Medicaid coverage for pregnant women to 250%	<u>G.</u> Inter-pregnancy period spacing:
	- Lack of Social Supports	FPL.	>18mo
	- Unintended Pregnancy	- Increase in state tobacco tax	H. Data available that characterizes
	- Environmental exposures	- Increased spending on tobacco prevention for childbearing age women	disparities and specific state and
	- Impoverished living conditions	- Change hospital/reimbursement policy for elective induced deliveries	local risk factors related to infant
	- Single marital status	- Improved linkages and coordination among public, private, and tribal entities	mortality
	- Low SES & low educational attainment	focused on infant mortality and associated risk/protective factors	