



HOME VISITING: IDENTIFYING COMMUNITIES AT RISK IN KANSAS

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METHODOLOGY FOR IDENTIFYING HIGH-RISK COUNTIES

- Cross-ranked counties in Kansas using two summary measures of health:
 - Kansas County Health Rankings (2009)
 - Provided a summary index of health based on health care, health behaviors, socioeconomic factors, and physical environment.
 - 8 indicators of maternal and child health
 - Included measures of premature birth, low birth weight and infant mortality; poverty; domestic violence; crime; high school dropout; substance use; unemployment and child maltreatment.



METHODOLOGY FOR IDENTIFYING HIGH-RISK COUNTIES (cont'd)

- After cross-ranking, data highlighted 6 primary at-risk counties in Kansas:

	County	Kansas County Health Rankings	MCH Indicators Overall
→	Shawnee	78	105
→	Montgomery	104	102
→	Bourbon	100	102
→	Crawford	97	102
→	Sedgwick	85	100
	Saline	63	100
→	Wyandotte	105	99



METHODOLOGY FOR IDENTIFYING HIGH-RISK COMMUNITIES

- In urban areas, zip code analysis helped refine focus to high-risk *communities*.
 - Now able to examine specific neighborhoods where maternal and child health is especially poor.
- Ranked zip codes around Shawnee, Wyandotte and Sedgwick counties using 10 indicators of high-risk birth.
 - Prematurity, delayed prenatal care, smoking during pregnancy, teen pregnancy, etc.

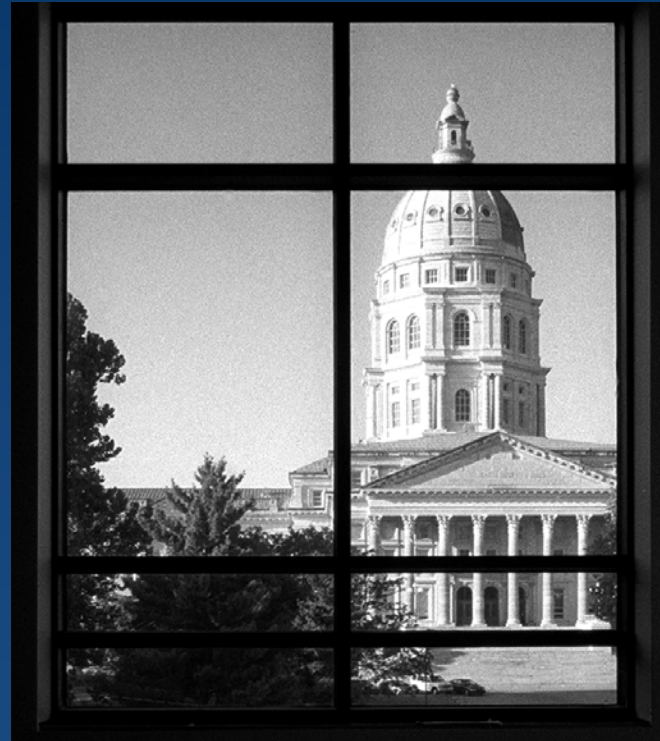


METHODOLOGY FOR IDENTIFYING HIGH-RISK COMMUNITIES (cont'd)

- After zip code analyses, 4 high-risk priority areas remained:
 - Neighborhoods in and around Topeka, Wichita, and Kansas City, Kansas.
 - A multi-county region in Southeast Kansas, clustered around Crawford County.
 - The region has similar challenges and assets, scoring very closely on the primary risk analysis.



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