

Introduction

In Kalamazoo County, significant racial and socioeconomic disparities are evident in infant mortality rates. The greater prevalence of poor birth outcomes (PBO) (prematurity, low birthweight, small for gestational age) among infants of color and poor infants is a significant contributor. It is unknown, however, whether these disparities continue to impact the survival LBW of PBO infants. <2500 g

Objectives

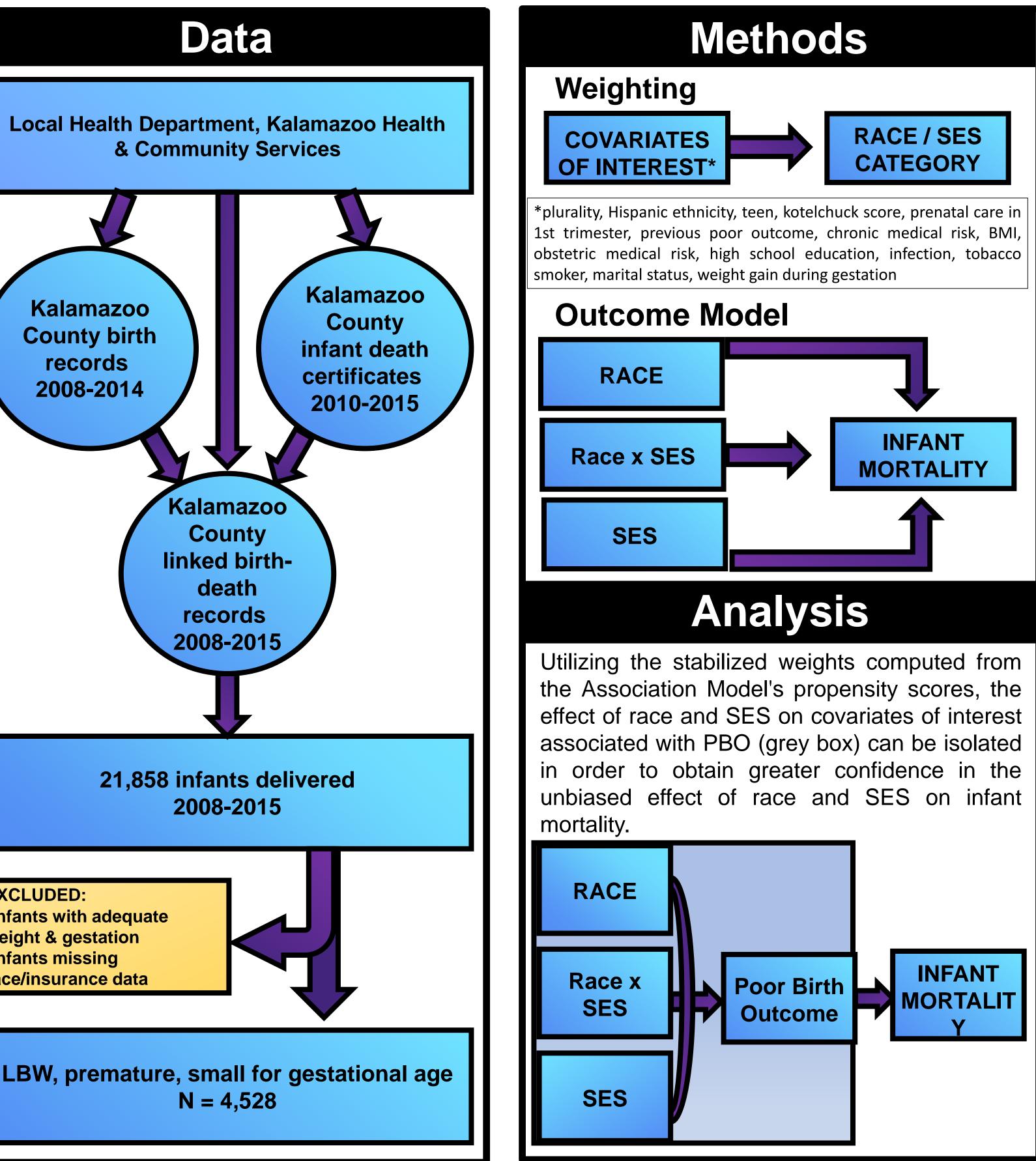
To examine whether there are racial or socioeconomic differences in the one-yearsurvival of PBO infants, controlling for other health contributors.



Kalamazoo **County birth** records 2008-2014 **EXCLUDED**: -infants with adequate weight & gestation -infants missing race/insurance data

Differential Survival: Do Racial and Socioeconomic Disparities **Persist Beyond "Poor Birth Outcome"?**

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Results/Conclusion

The outcome model indicates that neither race $(\beta = -0.1428, p = .6134)$ nor SES ($\beta = -0.4528$, p=.3993) nor the raceXses interaction (β = .4026, p=.5088) are significantly associated with infant mortality within tAlthough racial and socioeconomic disparities are present in the <u>likelihood</u> of a poor birth outcome, these disparities do not persist beyond that. he first year.

	Estimate	p-value
Race (ref='Mothers of Color')	1428	.6134
SES (ref='Medicaid')	4528	.3993
Race x SES	.4026	.5088

Conclusion

What are the clinical and policy implications of these findings... (e.g., (1) clinical and community care of at-risk infants appears to be equitable by race and SES, (2) Prevention efforts should focus upon the maternal preconceptional and interconceptional health...factors such as

References



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