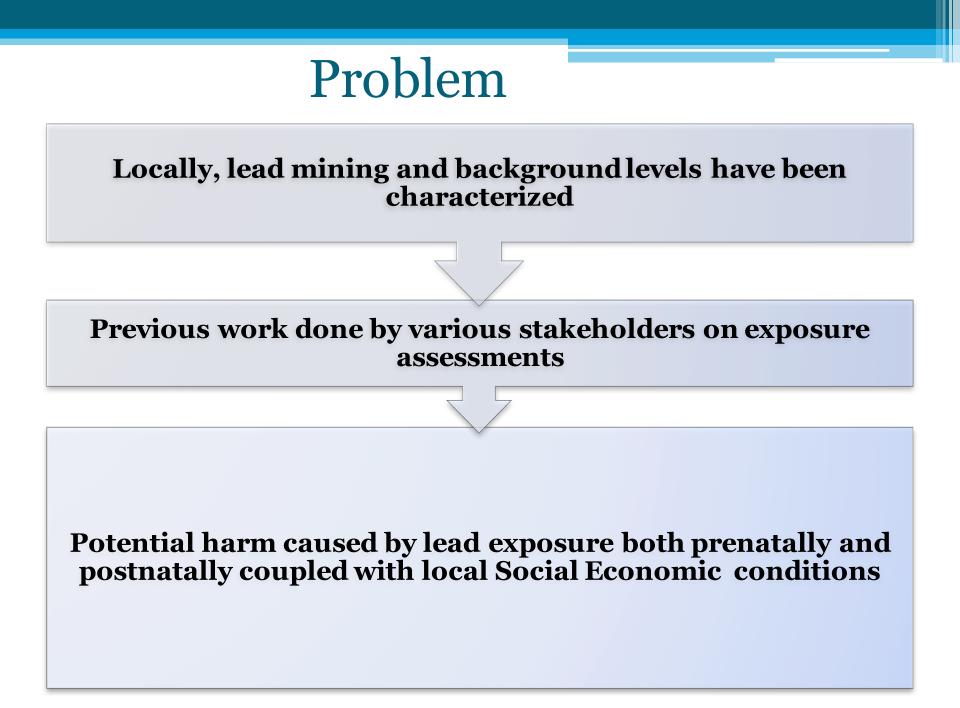
LeadExposure and Neurodevelopmental Outcomes in Children of Selected Communities in Kabwe.

By Nosiku Sipilanyambe Munyinda Sandra Shanungu

3/7/17



Research Questions

• "Is there any association between this lead exposure and neurodevelopmental outcomes in exposed selected communities in Kabwe?"

Study Objectives

General Objective

• To quantify recent lead exposure and study neurodevelopment outcomes in children of selected communities in Kabwe.

Specific objectives are:

- To establish the prevalence of lead in selected communities;
- To describe exposure pathways at community and individual levels;
- To determine Neurodevelopmental outcomes in the targeted populations;
- To evaluate other factors that may be associated with the observed outcomes.

Study Design

Cross Sectional Survey

 Neurodevelopment Assessment

Ecological Study

• Environmental Exposure Assessment

Household Survey



Objective 3, 4



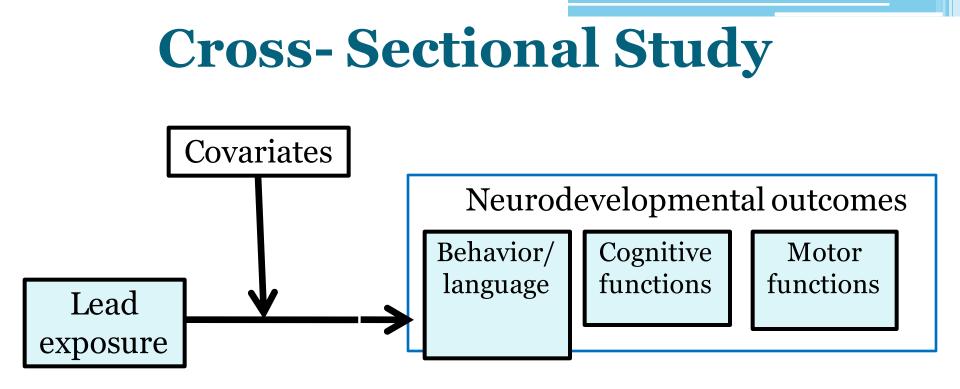
Neurodevelopmental

outcomes in the

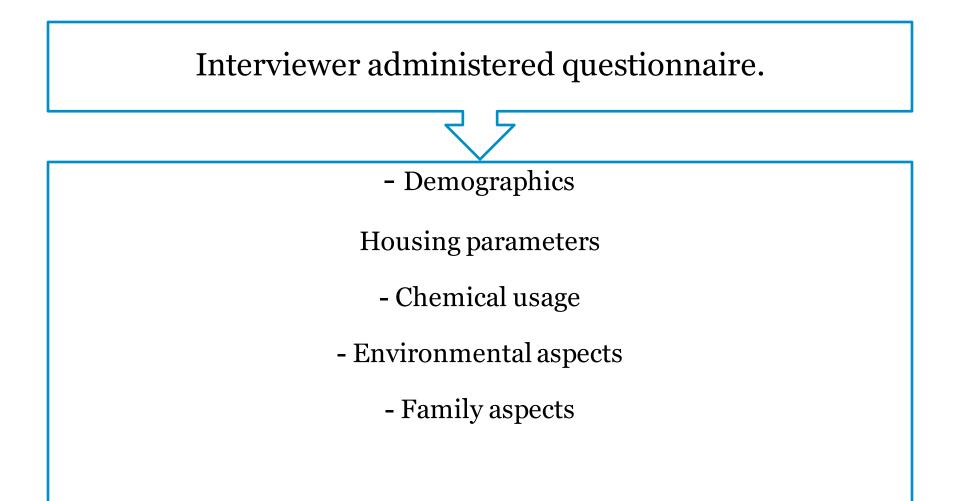
targeted populations.



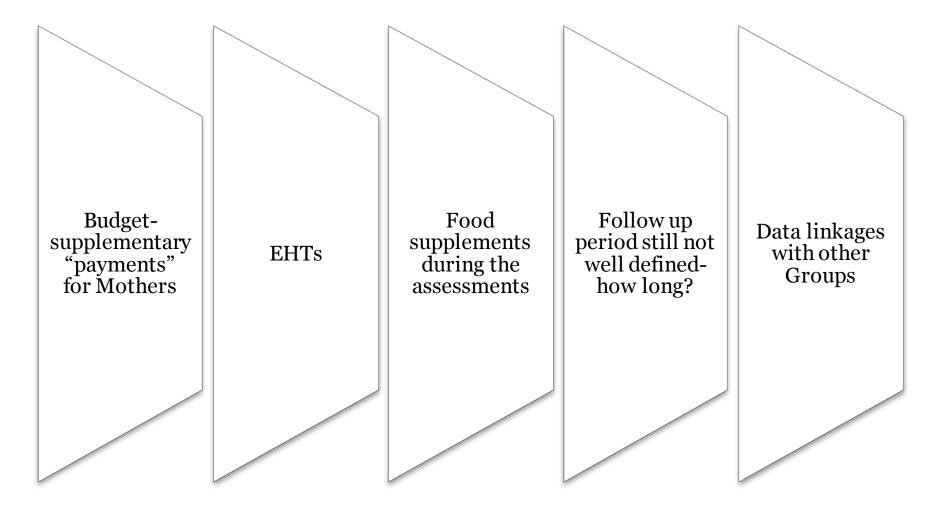




Data Collection



Expected challenges



THANK YOU FOR YOUR ATTENTION.

Questions are welcome.