

A. *Title*

*Alternative Approaches for Address Frame Compilation: Implications for the National Children's Study*

B. *Names and Affiliations*

Ned English, NORC at the University of Chicago

Katie Dekker, NORC at the University of Chicago

Onesky Aupont, University of Massachusetts Medical School

Lesley Cottrell, West Virginia University

Tim Downs, Clark University

Michelle Sanders, West Virginia University

Deidre Sepavich, University of Massachusetts Medical School

C. *Abstract*

One challenge related to area sampling generally and the National Children's Study specifically is the development of an address frame within selected secondary sampling units. Depending on the environment one may choose to employ the United States Postal Service computerized delivery sequence file (CDSF), list traditionally, or a combination of the two (enhanced listing) to generate an address frame. We show results of a substantive research LOI where we created and then subsequently validated address lists in selected NCS segments, using traditional and enhanced methods. We analyze segments in Worcester County, MA and Marion County, WV, representing a continuum of urban and rural environments. Our research shows what types of areas tend to favor one method over another, and which methods are best suited to given situations. Data presented indicate that in general urban areas are best suited to enhanced listing, with very rural blocks benefiting from traditional listing.