

Address Based Sampling Technique in Developing Country

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Most developing countries are in the process of urbanization. The large scale population migration leads to governments can not maintain an accurate and up-to-date household registration system, which makes we cannot use the household population registration record as a sampling frame in the household survey. Address based sampling method can act as a solution in this situation, however, most developing countries have not established a national wide address or post coding system, as well as lack of high-resolution GPS satellite information. There are lots of issues to consider for implementation address-based sampling in developing countries. Based on 10 years practical experience of Chinese General Social Survey from 2003 to 2012, this paper displayed the improvment of sampling accuracy of address based sampling compared with the traditional sampling methods, summarized the technical essentials to implement address based samleing in the complicated community enviroment with the help of simple tools, analyzed the souces of sampling errors and discussed possible adjustement methods.

Keywords: address based sampling, household survey, sampling technique