

Small Area Estimation: Importance and Usage in Compound Statistical Systems

Ranko R. Nedeljkovic
Statistical Office of Serbia and Montenegro

Abstract

Small Area Estimation (SAE) could be well utilized in statistical systems that cover compound state organizations, such as federal states, state unions, etc. It is of significant importance for decision making at a local level, particularly if statistical production at that level already exists and if it is as such incorporated in legislation.

In Serbia and Montenegro there is a long tradition of disseminating statistical data at a local level, a tradition that goes back to the times of full coverage of respondents. Recently, the old methodologies had to be abandoned, and the new ones, among them those based on SAE methods, emerged.