

Using IST – data integration metadata-driven system and online data collection in the Pilot Census of population 2019

Branko Josipović and Branko Dragišić (SORS, Serbia)

branko.josipovic@stat.gov.rs, branko.dragisic@stat.gov.rs

Abstract

The Statistical Office of the Republic of Serbia manages more than 200 different surveys every year. Whether they are monthly, quarterly, annual surveys or CAPI, CAWI, CATI, PAPI data collection based, nearly all of them are conducted through the IST – data integration metadata-driven system.

The Pilot Census of population 2019 was organised as a CAPI based survey with IST CAPI installed on the laptops to test this approach for the Census of population 2021. Online data collection was also introduced as a self-enumeration method. The additional application was developed to obtain geospatial data of every individual object and to display graphical information on a map to help enumerators to work in the field.

As a supplement to the whole data collection process a monitoring dashboard was developed. It was derived from a need for reducing a substantial investment in human and time resources. The dashboard allowed tracking all activities and decision-making support in the real-time during the Pilot census.

This paper describes the CAPI and CAWI data collection methods and the effort that foster and lead to innovation in this domain. In addition, the paper describes the human resources utilized, managing social media as a communication framework between enumerators and the collaboration between different government institutions.

Keywords

CAPI, CAWI, metadata driven