
Data collection tool for survey monitoring and analysis

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Abstract

At the time when the situation is changing so quickly and unpredictably, the time for each phase in the data collection process should be minimized. The SORS, in response to the pandemic and difficult working conditions, introduced the PowerBi tool for statistical purposes to produce different types of reports and to analyze and compare data from different statistical surveys.

The monitoring tool allows us to observe the progress of the survey in real-time and allows us to view the results from different perspectives. Additionally, we have a detailed insight into the data at the lower territory level. This interactive report consists of several pages, where each of them offers important information about the course of the survey and the process of data collection. This approach proved to be very effective, which raised the realization of the survey to a higher level.

Data analysis with PowerBi reports provides us with a versatile way of results analysis. It gives us a direct insight into the answers, help us with the deduction process and give us a more precise interpretation of the most important indicators. This approach facilitates the analysis of data and the most important indicators by sectors, specific activities, territories, as well as their movement from month to month, which provides a wider and detailed analysis of the results. In this way, it is possible to see which activities, the sectors or territories are most affected by the pandemic or any other impact.

Following the new situation, the SORS strives to be proactive, following the innovations that are happening in the world and using monitoring and analysis tools that are fast, easy, accessible, and intuitive. In this way, we got a quick but very realistic picture of the state of the economy during the pandemic and additionally, the Statistical Office of Serbia find a new way how to help the government and the main policymakers.