

Implementation and the benefits of SDMX standards along the ECB statistical process

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This paper starts by describing the standard statistical production in place at the ECB. It shows in particular how SDMX standards are used as a common logical foundation for data collection, data models, data exchanges within the compilation process and data dissemination. In a second part, the paper describes the service-oriented architecture developed by the ECB based on the SDMX standards. The web services allow the retrieval of data in the SDMX-ML formats based on filters such as dimensions, attributes, time, datasets, dataflows and categories. They allow users to retrieve the latest version of the data, specific snapshots, as well as updates and revisions.

The paper concludes by describing the benefits in terms of efficiency and effectiveness of using SDMX standards within the statistical production process.