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A model for documenting and monitoring quality of statistical registers according to GSBPM and GSIMGiorgia Simeoni, Istat Italy, simeoni@istat.it;Fabiana Rocci, rocci@istat.it;Francesca Brait, brait@istat.it;Giovanna Brancato, brancato@istat.it;Marco Di Zio, dizio@istat.it;Romina Filippini, filippini@istat.it;Michele Riccio, michele.riccio@istat.it;Roberto Sanzo, sanzo@istat.it;Giulia Vaste, vaste@istat.it**Abstract**

In 2016-2020 Istat carried out a modernisation process that implied great changes in the statistical production. The Integrated System of Statistical Registers (SIR) is being built: it consists in a number of coherent registers to produce several types of statistical outputs. Each SIR register is obtained by integrating sources of different typology, mainly administrative data, but also survey results or other registers, such as to create new processes that can vary a lot in complexity.

The need to develop a tailored system for documenting, monitoring and assessing the quality for SIR processes was clear and an internal working group was set up. The GSBPM subprocesses needed to describe the registers' processes were first identified, the information to be documented for each subprocess were defined according to GSIM, following the approach defined in the UNECE Linking GSBPM-GSIM task team, tailoring some concepts and introducing some additional ones. Great focus has been given to quality indicators. The model was tested and interesting feedback have been obtained. This work has led to define an improved model, to be implemented in the registers monitoring systems and to be used as useful input for the new Istat metadata system.