

## Quality for innovative data sources: Progress, challenges and directions of work for the European Statistical System

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### Abstract

*The concept of "quality" in official statistics is wide and encompasses principles and practices related to the statistical output, to the processes leading to such output, and to the institutional environment where such processes are embedded. As the prospective adoption of "new data sources" for official statistics touches on almost all these aspects, the application of quality principles to new data sources has manyfolds important implications, both in terms of opportunities on the side of statistical output (e.g., enabling better, more relevant and timelier official statistics) but also important challenges on the side of statistical processes and production environment. Taking a European perspective, in this talk we discuss how the broad concept of "quality" in official statistics relates to the reuse of non-statistical data for statistical purposes, with a focus on data generated and held by the private sector (privately held data). The talk will identify and motivate some general directions of work for the European Statistical System (ESS) and at the same time present how some recently started ESS activities in one specific field, namely Mobile Network Operator data, are contributing to progressing forward.*

**Key words:** reuse of non-statistical data for statistical purposes, privately held data, Mobile Network Operator data

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