

## **Data Visualisation and Its Application in Official Statistics**

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Data visualisation has been a growing topic of research among statistical practitioners and academic. Its application for official statistics is apparent as seen in the many research projects in various national statistical offices (NSOs). As digital-age users are becoming more accustomed to graphics with interactivity rather than plain numbers or tables, there are opportunities for complex official data series to be presented in visual and dynamic formats to facilitate understanding and interpretation. Visualisation of raw data also offers a quick and effective way to identify abnormal patterns, such as outliers or missing values, during internal processing. In this paper, various data visualisation tools relating to official statistics production and dissemination will be discussed and illustrated with examples from NSOs.

**Key Words:** Data dissemination, graphical presentation, exploratory data analysis