

# **Price and volume measures for non-market output: state of play in Europe for health and education**

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The government sector significantly influences the estimation of productivity growth for the whole economy. While an extensive body of literature exists on the compilation of volume estimates for non-market output and the perception exists that the issue is settled on the research agenda, its implementation in European national accounts still poses challenges for national statistical institutes. Research on, and the harmonisation of, quality adjustment of direct output measures are still needed. Furthermore, the implementation of quality adjusted data in the European Union is relegated to satellite accounts for the next few years. This document aims at providing the state of play in the euro area from a user point of view.

Keywords: non-market output, volume measurement, quality adjustment, EU requirements, outcome