

Scanner data in the Luxembourg HICP/CPI: Moving towards implementation

Abstract

This paper aims at presenting the methodology developed by STATEC on how scanner data prices are planned to be introduced in the regular HICP/CPI production. Using a step-by-step approach, STATEC will start to compile sub-indices based on scanner data for a selection of sub-classes. In this paper the methodology is tested and exemplified for three COICOP sub-classes Rice, Flours and other cereals and Pasta products and couscous.

First, we provide some details regarding the method to map the products to the COICOP classification. At the elementary level, we adopt an approach where the most sold products are re-sampled every month based on a cut-off method. Thus, monthly changes will have to be chained to obtain long-term price series. We also refer to outliers which shall be identified and treated accordingly to the situation. Moreover, imputations play an important role. We describe the imputation rules applied in our context.

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