

## **Outline of a framework for integral processing of scanner data in the Dutch CPI**

A new methodology for processing electronic transaction data is presented, which aims at reducing the methodological differences across data sets in the Dutch CPI. Articles/GTINs are combined into “homogeneous products”, each of which is defined by a set of article characteristics. Price increases after relaunches of GTINs can be captured in this way.

Price indices are calculated as a ratio of a turnover index and a weighted quantity index. Product weights are calculated for each product from multi-period prices, which allows the timely inclusion of new products. The method does not lead to chain drift and does not require price imputations.

The new methodology is intended to replace the current sample-based methods in the CPI for a department store and for mobile phones in January 2016.