



Research on Improving the CPI Statistical Survey System in the Information Age

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Abstract

The development of information and technology has brought tremendous changes to consumer activities. The methodology and thinking adopted in consumer price statistical analysis must be adjusted to suit such changes by using new technologies and highlighting some new features. This research mainly focuses on collecting price data of commodities sold online, acquiring price information through scanned data and using big data as an effective approach in this process. This analysis compares the advantage of each approach by using the example of book prices and housing rental with a feasible survey scheme designed according to China's current economic and social conditions. In light of the technical difficulties we currently face in data collection, this research put forward some countermeasures and pointed out the direction of future research, in the hope that future consumer price index (CPI) statistical survey can become more improved and scientific with the help of new technologies in the information age.

Keywords: survey; price data collection; online shopping; big data.