

Using administrative data for the Italian Cleaning Services SPPI

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Two of the main problems for NSIs: response burden in short term business surveys and direct data collection costs were totally avoided by integrating data from two administrative sources and an archive derived from a statistical process to obtain the variables used to identify output prices for cleaning services in Italy.

Cleaning service in Italy is characterized by outsourcing, workers directly employed by cleaning enterprises, long/medium-term contracts with price updating. The most important determining factor of its price is labour cost (85% of the total price); other remaining determining factors (15% of the total price) are: frequency and type of cleaning, cleaning size in sq.m., materials, work clothes, equipment, type of client, profit margin.

For these reasons the idea of estimating the price of the service as sum of different components was feasible. In fact labour cost was obtained integrating two administrative sources: Sector Studies (SdS) (from *Italian Revenue Agency*) and Social Security Working Positions (from INPS - *National Social Security Agency*) with Oros (from ISTAT - *National Institute of Statistics*), an archive derived from a statistical process. Instead other costs were get from SdS source.

In short a list of firms extracted from SdS source, whose working positions come from INPS source and whose labour costs derive from Oros source were used as sample to calculate the Cleaning SPPI.

Two component price solutions were thought. Firstly the easiest was applied to produce the SPPI. In future more ideas will be realized to improve the index calculation process.