The existence of seasonal services poses some significant challenges in production of a quarterly SPPI for N79

Classification and sector description

- Statistical population consists of all active enterprises classified in one of N79 Nace Rev.2 according to their main activity and it contains 782 units, registered in the Business Register of Croatia, (2014)

Share of population

- Significant share according to all three indicators

Regardless of the small share in number of units, employees and turnover, also included because of the importance of some big units

The gross turnover indices of the services sector and N79 (2010=100)

In the Q2 and Q3 turnover of the services sector and especially of N79 were significantly higher than in the Q1 and Q4

In Croatia many travel agencies are open only during the summer season, while some service providers are active in other periods as well, but these services are often not typical and are carried out “just to survive”, until they reach the summer season.

Challenge in producing of SPPI for N79

- Reservation services for accommodation
- Tour operator services for arranging and assembling tours
- Strongly seasonal services in Croatia

58% of turnover share

Estimation of missing prices for seasonal services, in a web questionnaire form

- Standard data processing procedure of SPPI compilation

The existence of seasonal products poses some significant challenges for production of a quarterly SPPI for N79

- It was recognized that there is no completely satisfactory way of dealing with the absence of seasonal service prices in some periods as well as in the base period
- Decision was made that the best solution would be to ask the reporting units to estimate and impute the missing price in web questionnaire form (if the representative service had been provided in a particular period, what the price would have been?)

The total turnover in the N79 in 2015 was only 4% of all turnover in the services sector.
- It is a first SPPI in Croatia with strongly seasonal services
- In the near future, CBS will start developing an SPPI for the Accommodation services which are also highly seasonal services in Croatia
- The total turnover in Accommodation services in 2015 was 14% of all turnover in the services sector

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Results and Conclusions

- The existence of seasonal products poses some significant challenges for production of a quarterly SPPI for N79.
- It was recognized that there is no completely satisfactory way of dealing with the absence of seasonal service prices in some periods as well as in the base period.
- Decision was made that the best solution would be to ask the reporting units to estimate and impute the missing price in web questionnaire form (if the representative service had been provided in a particular period, what the price would have been?)

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Issues for consideration

- According to the standard data processing procedure of SPPI compilation in Croatia, is the estimation of missing prices by reporting units the best way of dealing with the absence of seasonal service prices?
- Is the estimations of 35% too many?