

CPI and PPI Continuity

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Agenda

Short refresher on imputation for missing prices

Pre-submitted questions

Open discussion

Imputation for Missing Prices

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Pre-submitted Questions

How to compile a representative PPI when the sample frame does not include contact persons?

Is there a threshold for response rates in order for the PPI to be published?

How to deal with a fixed panel of contributions to change analysis when some of the panel of goods/services are imputed for?

How to treat government subsidy of a service (50%) for the 90% of consumers that cannot currently use it?

Should significant increase in airfares be excluded if limited availability means these increases will be experienced by relatively few people?

Which "All-items" index should be used for imputation in the compilation of CPIs for different household segments?

Can we use a small-scale survey by broad categories to update weights in the event that the HES cannot be run – so as to ensure the 'new-norm' is reflected?

Open Discussion

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Consumer Price Index

Weights

- Fixed for defined period of 1, 2, or more years
- Sub-indices compiled using weights based on expenditure data from HBS or national accounts
- Routine, regular schedule of updates
- Fixed until next update

Ad hoc updates?

- COVID-19 has affected expenditure patterns
- Permanent changes?
- Current expenditure data not available
- Not recommended to update weights on an ad hoc basis
- Not consistent with the fixed basket approach

Consumer Price Index

Data dissemination

- Preserve index structure
- Publish usual level of detail
- Metadata
 - ■All imputed indexes flagged for users
 - More imputed than collected prices
 - Number of missing and imputed prices by group
 - ▶ Proportion of weights affected by imputations
 - ▶ Proportion of outlets available for collection
 - ■Explain any new data collection methods
 - **▶** Explain methods used to impute missing prices

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Consumer Price Index

Resources

Consumer Price Index Manual: Concepts and Methods

https://www.imf.org/en/Data/Statistics/cpi-manual

Consumer Price Index Continuity Note

https://www.imf.org/en/Publications/SPROLLs/covid19-special-notes#STA

Thank you!!

For additional questions or issues:

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