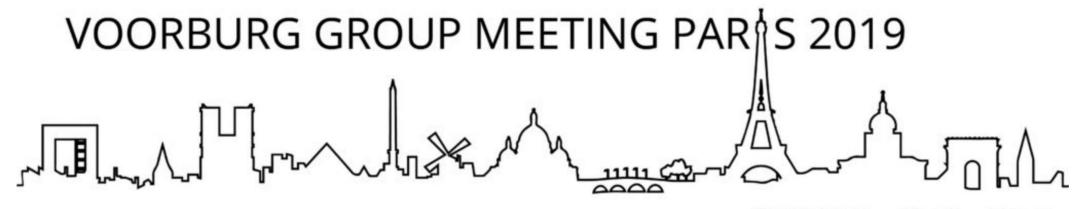


SPPIs by customer sector – "the Swedish experience"

Rohan Draper & Marcus Fridén

Statistics Sweden – Sweden





Overview

Segmentation.

Business-to-Consumer (B2C)

Business-to-Business (B2B)

Business-to-Government (B2G)

Business-to-Export (B2E)

Literature.

Consumer INTERMEDIATE USE **PRODUCTION** FINAL CONSUMPTION Business*** IMPORT FINAL CONSUMPTION Α **GROSS CAPITAL FORMATION EXPORT** С D Е Business (B2B) Import F (MPI) (PPI*) G Consumer (B2C) н (CPI) (purchaser price **) S -1 **Producer** Government (B2G) **Note that PPIs and CPIs do not J (PPI*) (PPI*) share the same valuation basis Government which ideally should be adjusted *From country to country PPIs for if CPIs are used to represent Export

Export (B2E)

USE

***Business Use can often be

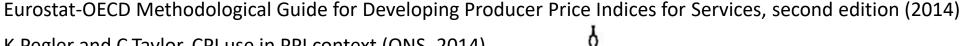
classified to a finer level of detail

either to the industry or product

level.

Key

USE



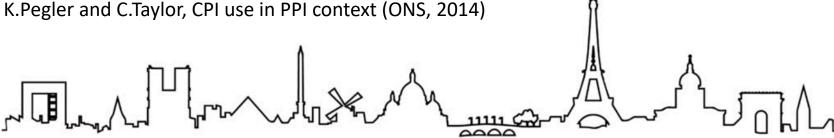
may vary based on user needs: Product or industry based PPIs;

stage of production PPIs;

domestic use PPIs; total use

PPIs; and input or output PPIs.

SUPPLY



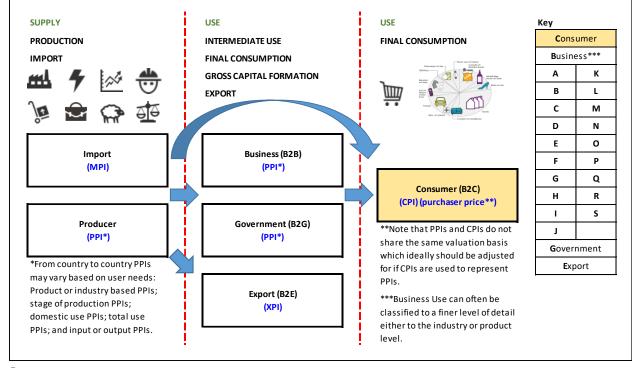


Business-to-Consumer (B2C)

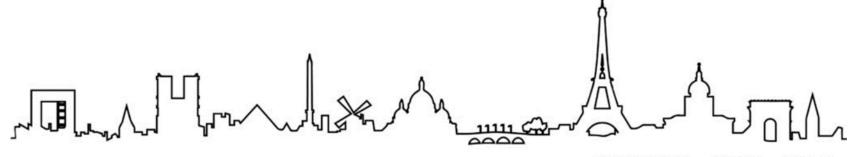
Literature hints at potential criteria.

- Business-to-Consumer proportion
- Imports versus domestic supply
- Classification comparison
- Valuation basis

Collaboration between PPI and CPI.



Respondent Burden and Production Costs.





Business-to-Consumer (B2C)

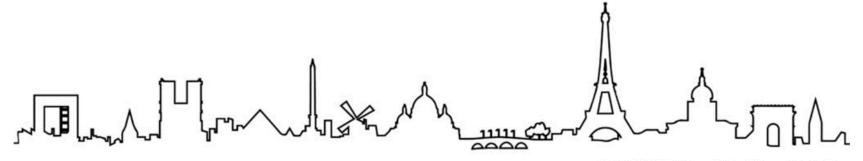
Literature hints at potential criteria.

- Business-to-Consumer proportion
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- Valuation basis

Collaboration between PPI and CPI.

Valuation Principles: Basic Price versus Purchasers' Price 1. Basic Price Wholesale Margin Retail Margin 3. Purchasers' Price 2. Producers' Price (Output PPI) (WTPI) (RTPI) (CPI / Input PPI) Subsidy Tax (non-deductible) Tax (e.g. VAT) Subsidies artificially reduce the price of a product. A Purchaser prices include taxes, transport and insurance Transport and insurance basic price should be inclusive of any subsidies. costs (increases the price compared to the basic price) costs (sep. invoiced) and excludes subsidies (decreases the price compared to the basic price). Taxes artificially increase the price of a product. Where a basic price is exclusive of taxes a producer price includes any non-deductible taxes. Generally, for

Respondent Burden and Production Costs.



example, VAT is deductible and therefore not included in

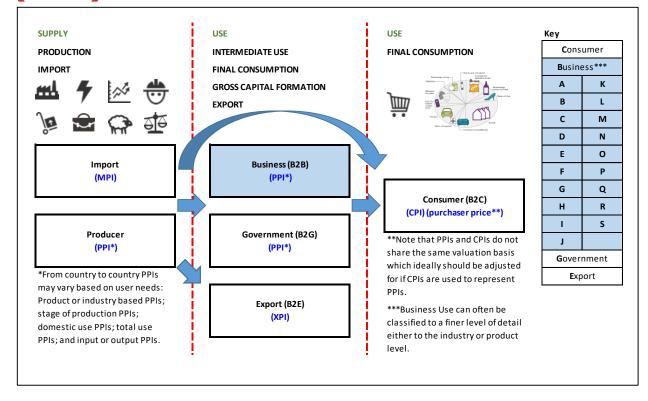
the producer price.

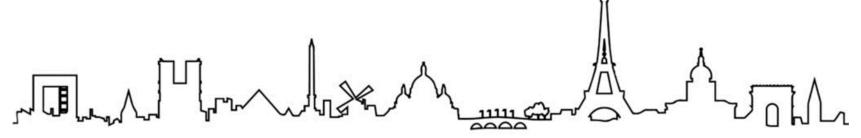


Business-to-Business (B2B)

A residual post B2C; B2G and B2E but a challenge to differentiate B2B and B2G.

The demand side (use) analysis – how much detail can we extract from out data?



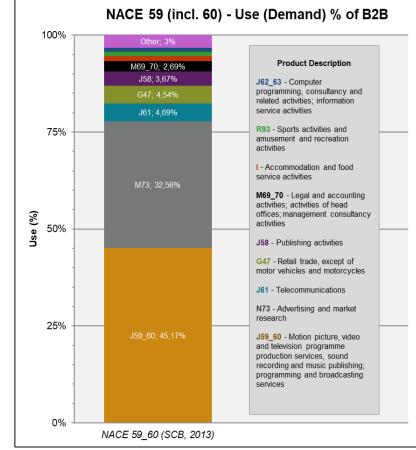


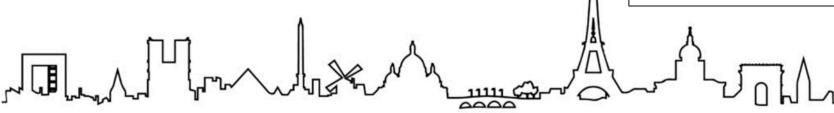


Business-to-Business (B2B)

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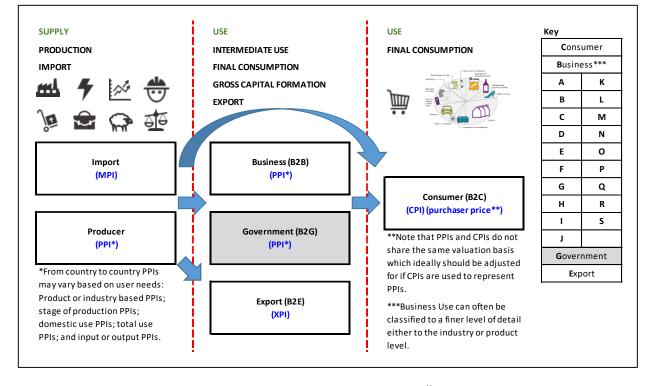


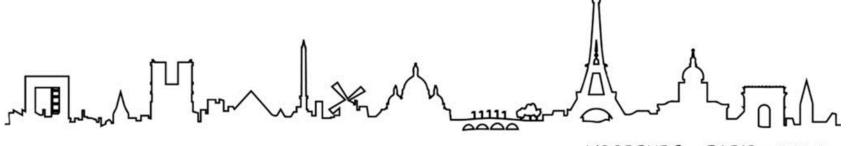
Business-to-Government (B2G)

Centralised data source – The National Procurement Service "Statens Inköpscentral"

Challenge to isolate transactions.

Respondent burden and production cost efficiencies.





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"The National Procurement Services concludes and administers more than 1 900 unique framework agreements over 43 fields, for example a wide variety of ICT products and services, office furniture, office equipment, hotels and conferences, safety and security, transportation and vehicles etc."



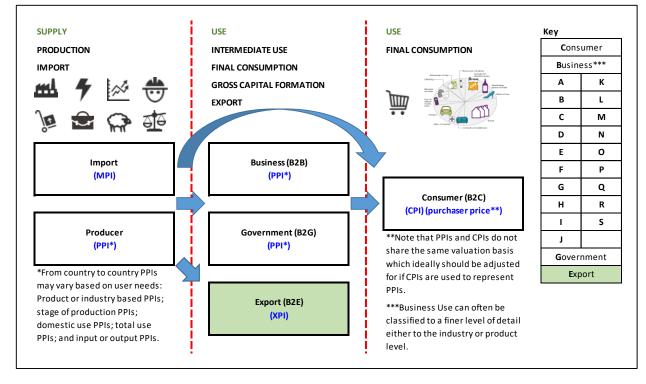
Business-to-Export (B2E)

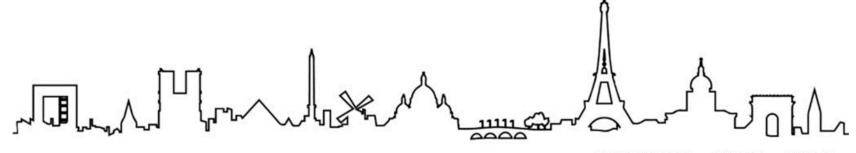
Non-residents vs. residents.

Balance of Payments.

Exchange rates.

Development and application.







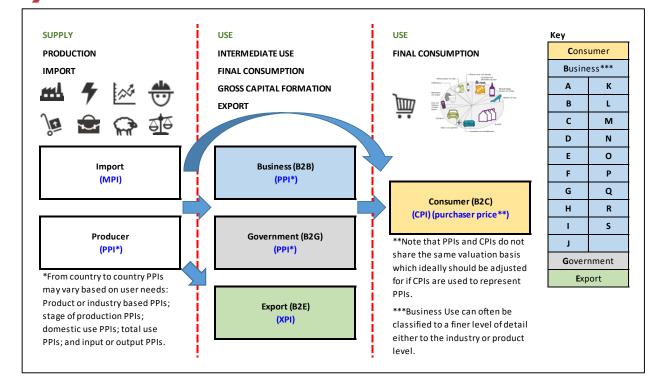
PARIS 30 SEP - 4 OCT 2019

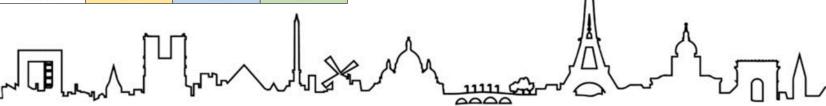
Business-to-All (B2ALL)

Swedish SPPIs are currently produced as total indices (per product group).

Segmentation is used as an analysis tool but the future may be different!

Section	CPI usage	Direct Collection	Direct Collection
	(B2C)	(B2B; B2G; B2C)	(B2E)
Н	9%	78%	13%
l I	69%	31%	0%
J	8%	64%	28%
L	45%	55%	0%
M	0%	93%	7%
N	10%	77%	13%
R	100%	0%	0%
S	65%	35%	0%
Total SPPI	17%	71%	12%







Conclusions

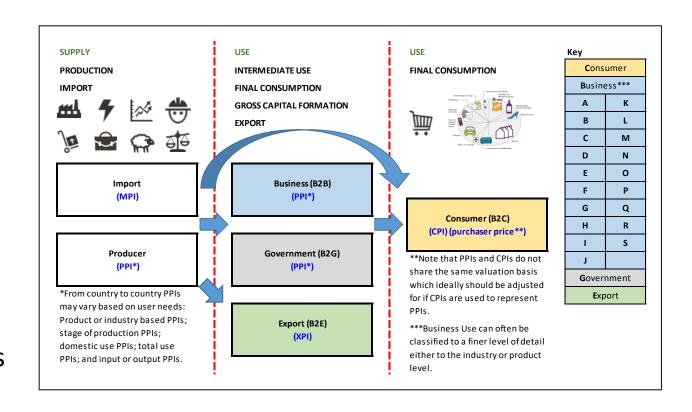
Respondent Burden and Production Costs.

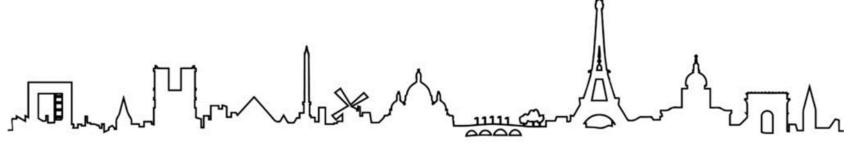
Imputation and analysis.

Collaboration. Internal partnerships.

International Best Practise.

International partnerships towards a formalised structured approach.







Contact Information

Producer.

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Enquiries.

