



# EUROPEAN CONFERENCE ON QUALITY IN OFFICIAL STATISTICS 2024 ESTORIL - PORTUGAL

# Developing price statistics for internationally traded services

practical experience from Statistics Sweden



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QUALITY IN OFFICIAL STATISTICS  
2024 ESTORIL - PORTUGAL



INSTITUTO NACIONAL DE ESTATÍSTICA  
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The conference is partly  
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# What and Why?

Services producer price index (SPPI) for internationally traded services

- A producer price index
- Services exported from/imported to Sweden

Requested by users (no EU regulations)

- National Accounts
- Trade in services becomes more important for the Swedish economy
  - ~29% of GDP (current prices) in 2019
  - ~10% of GDP (current prices) in 1990



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- SPPI - part of the economic statistics

- Inputs from Foreign Trade Statistics

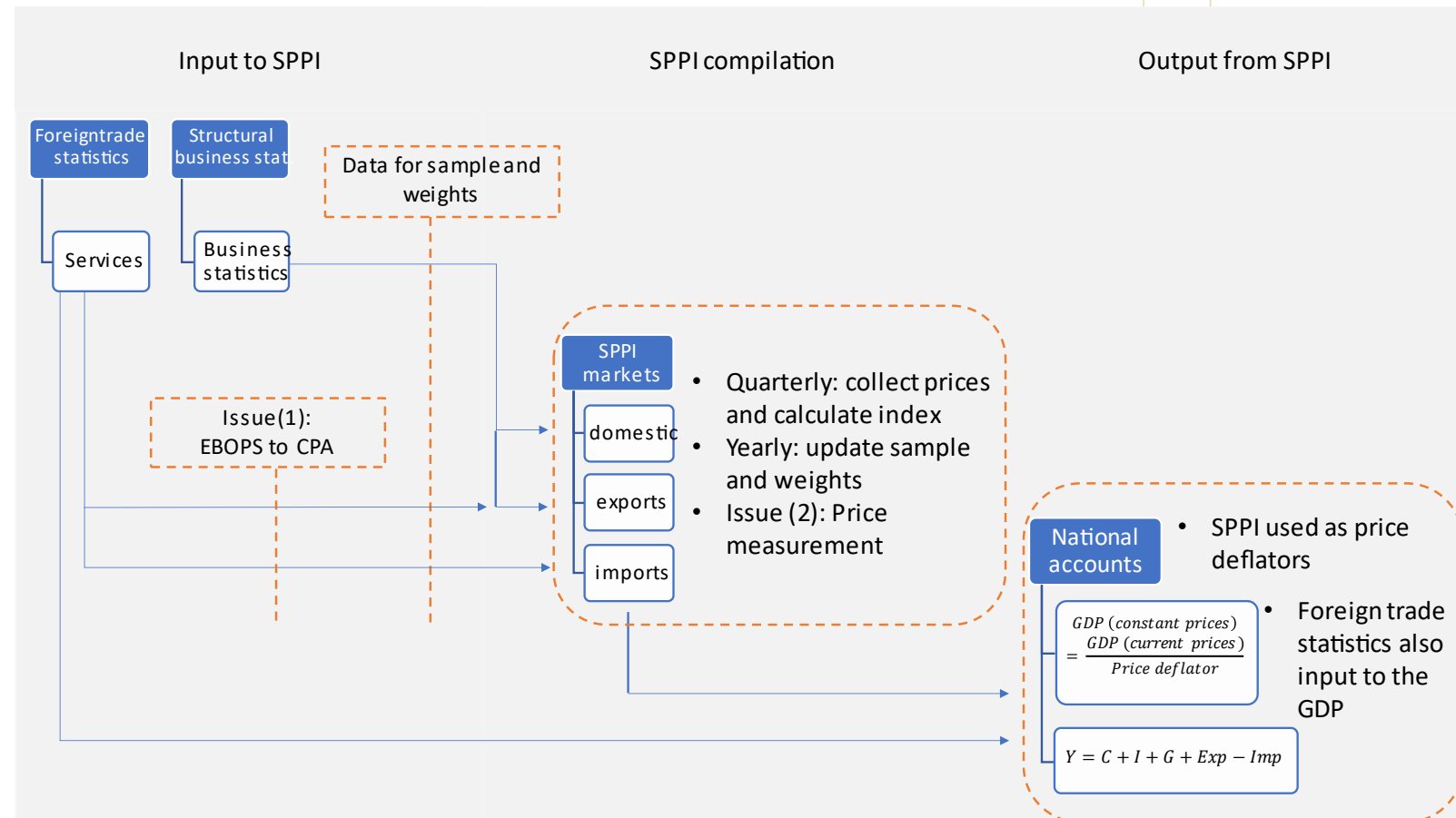
- Sample and weight frame
- Issue (1): EBOPS to CPA

- SPPI compilation

- Price collection and index calculation
- Issue (2): Price measurement

- Output to National Accounts

- Price deflators





# Issue (1): EBOPS to CPA

Not necessarily 1-to-1 mapping between EBOPS and CPA

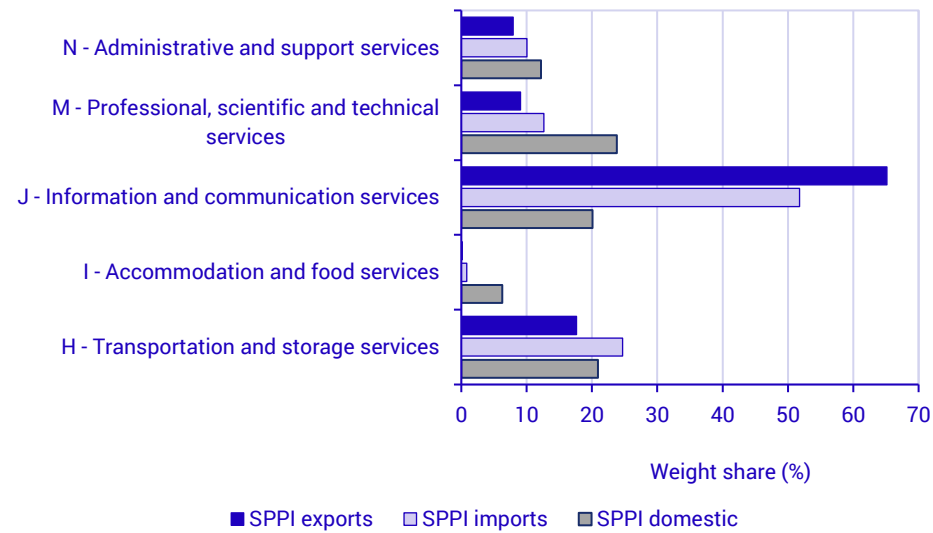
EBOPS (3-digit)	CPC (5-digit)	CPA (6-digit)
3.2.2 - Air transport with freight	65311	51.21.12 Air transport services of letters and parcels
	65319	51.21.11 Scheduled air transport services of intermodal containers
		51.21.13 Scheduled air transport services of other freight
		51.21.14 Non-scheduled air transport services of other freight
66032	51.21.20 Rental services of freight air transport equipment with operator	

Solution (when necessary):

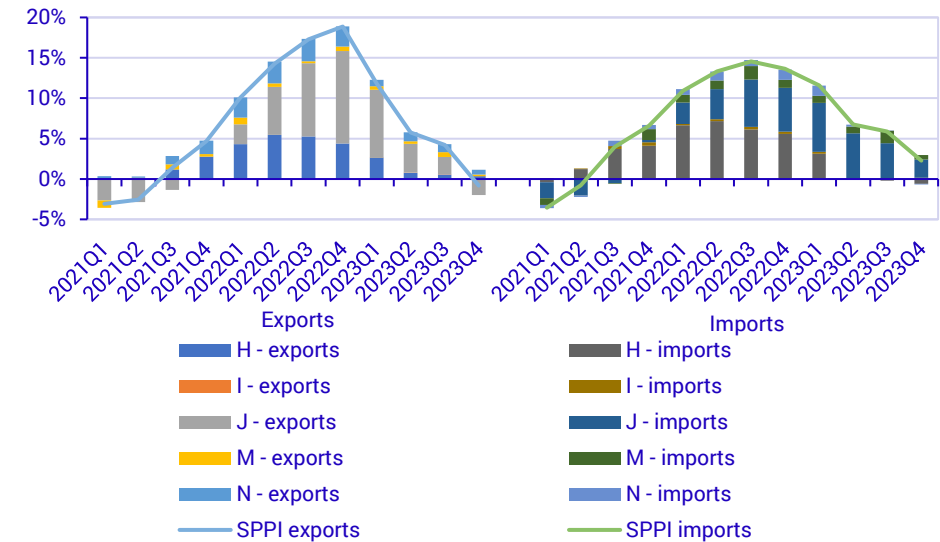
- Manually mapping enterprises to lowest possible CPA-level
- Yearly update the mapping as enterprises enter and leave the market



## Weights (2023) by sections



## Annual rate of change (2021Q1-2023Q4) contribution by sections



# Thank you!



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