

# Import of services – Polish experiences in international trade in services statistics

Cross-cutting topic:  
Measurement challenges for import services

**The 38<sup>th</sup> Voorburg Group Meeting**  
**7<sup>th</sup> March, 2024**

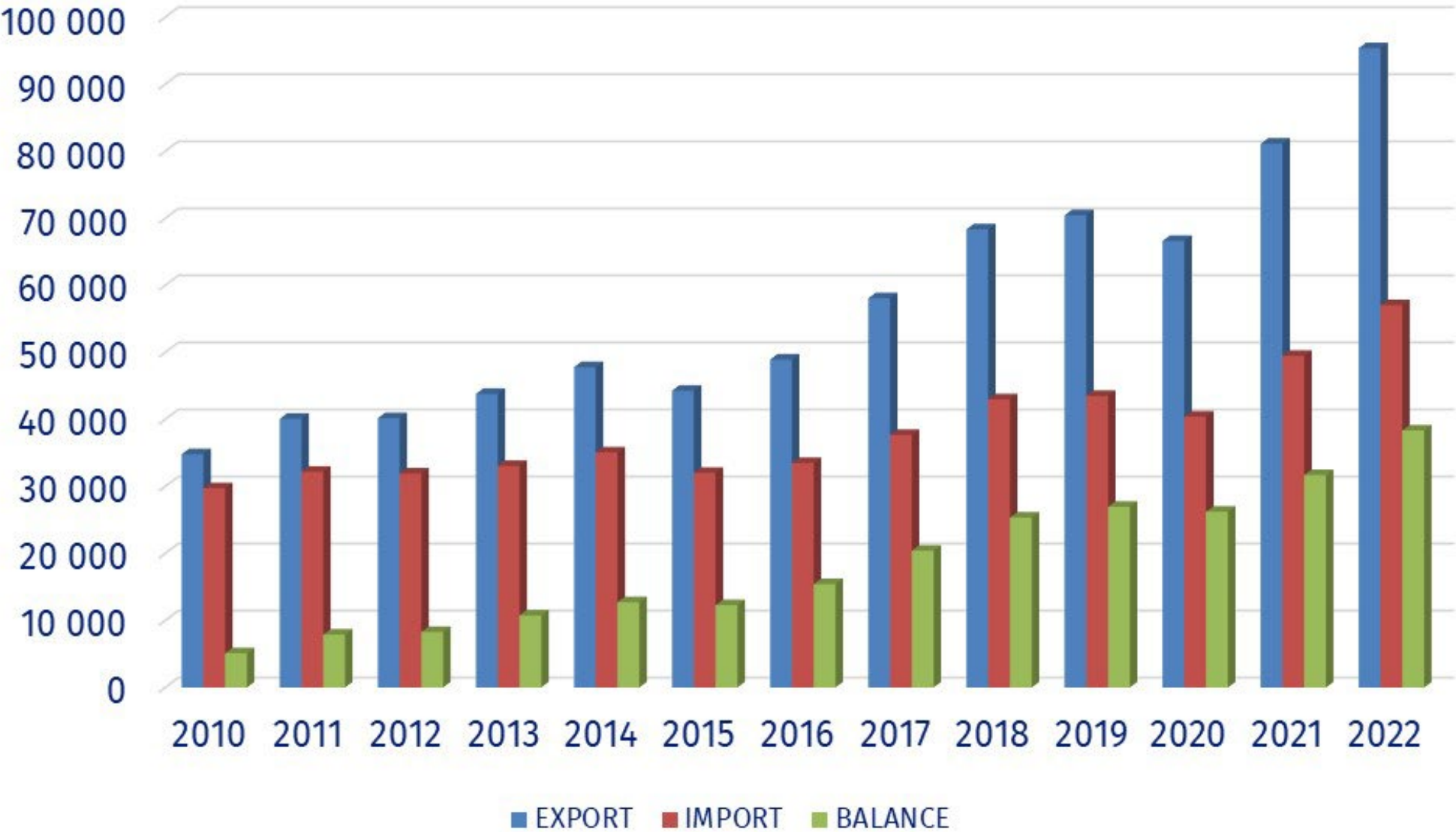
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# Plan of presentation

- Introduction
- International trade in services survey – methodology
- Challenges in the measurement of services import – regular survey
- Challenges related to new data requirements
- Summing up

# Introduction

Graph 1 Export, import and balance of services in USD MLN in 2010 - 2022



# International trade in services survey (ITS) – methodology

- regular survey carried out by Statistics Poland in co-operation with Narodowy Bank Polski (NBP) since 2009;
- conducted in compliance with the Commission Regulation (EU) No 555/2012 of 22 June 2012 amending Regulation (EC) No 184/2005 of the European Parliament and of the Council on Community statistics concerning balance of payments, international trade in services and foreign direct investment, as regards the update of data requirements and definitions;
- data sources:
  - ✓ on-line applications for data collection: DNU-K - Quarterly questionnaire on international trade in services, DNU-R - Annual questionnaire on international trade in services;
  - ✓ datasets on travels & financial services measured indirectly (FISIM) compiled by the central bank (NBP);
  - ✓ VAT data on import of services;

# ITS survey – on-line applications for data collection

- quarter/annual questionnaire on international trade in services (DNU-K/DNU-R);
- data on transactions between residents and non-residents: type of services by EBOPS 2010, country of residence of partner transaction, value of services provided/purchased;
- population frame - all residents of national economy who run the international trade in services:
  - ✓ quarterly data collection - residents whose revenues or/ and expenditures from international trade in services exceeded in the previous reporting year or during the current reporting year the threshold of 2 MLN PLN;
  - ✓ annual data collection – other residents engaged in the international trade in services (with services turnover below the threshold);
- imputation methods - in case of:
  - ✓ quarterly data – the value of services below the threshold 2 MLN PLN;
  - ✓ lack of response;

# Challenges in the measurement of services import – regular survey

- Identification of population engaged in import of services

DATA COLLECTION	2009	2010	2015	2020	2022
QUARTERLY (4 <sup>TH</sup> Q)	7 394	10 073	12 220	16 898	13 635
ANNUAL	23 673	20 017	30 585	20 082	30 032

- Searching for alternative data sources – experiences with informative system of the Ministry of Finance (VAT data) - data on the import of services;
- Asymmetries in data between countries:
  - ✓ participation in the works managed by Eurostat in compliance with the Asymmetry Resolution Mechanism (ARM);
  - ✓ analysis conducted in three stages: methodologies of surveys, unidentified unit data and identified unit data;
  - ✓ law constraints related to sharing unit data with Eurostat and other EU countries;

# New data requirements

## ❑ International trade in services by the enterprises characteristics (STEC)

- Information compiled according to requirements of Commission Implementing Regulation (EU) 2020/1197 of 30 July 2020 laying down technical specifications and arrangements pursuant to Regulation (EU) 2019/2152 of the European Parliament and of the Council on European business statistics repealing 10 legal acts in the field of business statistics.
- Breakdown of ITS data (export & import of services) by:
  - ✓ enterprise size class and NACE activity,
  - ✓ service item (EBOPS 2010) and NACE activity,
  - ✓ NACE activity and type of ownership,
- Linking ITS data with the Base of Statistical Units (BJS) - REGON (identifier of national economy entities) used as a key;

# New data requirements

- ❑ International trade in services by modes of supply (international supply of services):
  - International supply of services – covers not only the value of services traded between residents and non-residents *but also* the value of services supplied through the operations of foreign affiliates.
  - Data from the ITS survey combined with information collected within other statistical surveys: business statistics surveys (including IFATS and OFATS), foreign trade in goods statistics using REGON (identifier of national economy entities) as a key;
  - Breakdowns of ITS data (export & import of services) by:
    - ✓ cross-border supply of services (1),
    - ✓ consumption of services abroad (2),
    - ✓ commercial presence of a company abroad (3),
    - ✓ presence of natural persons abroad (4).

# Import of services by modes of supply

## ① SERVICES PURCHASED BY RESIDENTS FROM NON-RESIDENTS (MoS 1,2,3\* & 4)

- Data sources: ITS survey, Annual business survey of enterprises, Eurostat's MoS Model;
- Combining data at the unit level;



## ② SERVICES PROVIDED BY THE IFATS LOCATED IN THE TERRITORY OF COUNTRY TO POLISH RESIDENTS THROUGH THE COMMERCIAL PRESENCE (MoS 3)

- Data sources: Annual business survey of enterprises;
- Data at the unit level;



## ③ DISTRIBUTIVE SERVICES PURCHASED FROM NON-RESIDENTS DUE TO THE IMPORT OF GOODS (MoS 1)

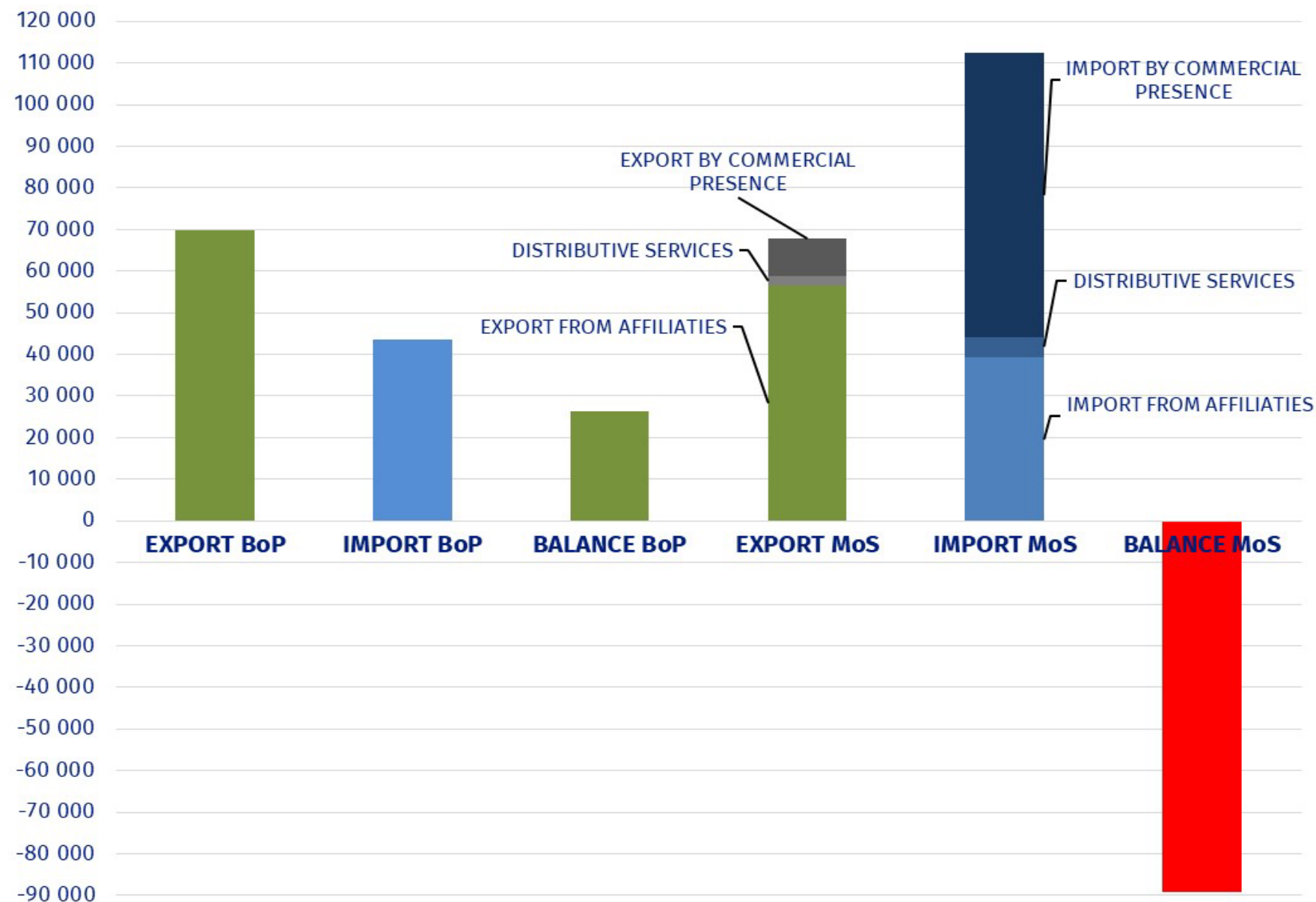
- Data sources: Annual business survey of enterprises, foreign trade in goods statistics;
- Combining data at the unit level;



# New data requirements - challenges

- Searching for new data sources with more detailed information needed for estimating the value of services traded by the modes of supply and by enterprises characteristics;
- Updating the methodology for compiling required datasets regarding the data available for official statistics;
- Developing the data dissemination policy to inform the data users about the way the new information should be interpreted;

Export, import and balance of services according the BoP statistics and ITS by MoS statistics in 2019 USD MLN



# Summing up

## ❑ Challenges:

- Identifying the population engaged in international trade in services;
- Explaining the asymmetries in data between countries;
- Searching for alternative data sources;
- Updating the methodology for compiling the datasets on import and export of services following the concept of international trade in services by modes of supply and by enterprises characteristics;
- Developing the data dissemination policy to inform the data users about the way the new information should be interpreted;

## ❑ Others issues:

- Development of methodology for survey on the prices in international trade in services;
- Digital trade in import of services;

# Thank you for your attention

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