



Task Force on exchange and sharing of economic data

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Regulation on European statistics

- Regulation (EC) No 223/2009 on European statistics
- Article 21 Transmission of confidential data

“Transmission of confidential data from an ESS authority ... that collected the data to another ESS authority **may** take place provided that this transmission is necessary for the efficient development, production and dissemination of European statistics or for increasing the quality of European statistics.”

BoP Regulation

- Regulation (EC) No 184/2005 on Community statistics concerning balance of payments, international trade in services and foreign direct investment
- Article 8: Transmission and exchange of confidential data

“The exchange of confidential data ... shall be **allowed** between Member States where the exchange is necessary to safeguard the quality of balance of payments figures of the European Union.”

Intrastat Regulation

- Regulation (EU) No 659/2014 amending Regulation (EC) No 638/2004 on Community statistics relating to trading of goods between Member States
- Article 9a Exchange of confidential data

“The exchange of confidential data ... **may** take place for statistical purposes only, between the national authorities responsible in each Member State, where the exchange serves the efficient development, production and dissemination of European statistics relating to the trading of goods between Member States or improves their quality.”

Comments

- ✓ Enabling clause – does not entail strict obligations and is not enforceable as such
- ✓ Exchange of micro data is allowed for statistical purposes at Union level,
- ✓ At Union level, national provisions on the exchange of micro data should be disregarded

FRIBS – Proposal on business statistics

- ✓ Article 10: Exchange of and access to confidential data for the purpose of the European network of statistical business registers

Confidential data **shall be exchanged** between Member States as follows: (a) The exchange of confidential data of multinational enterprise groups and of the units belonging to those groups, ... shall take place, exclusively for statistical purposes, between the staff contributing to the production of the EuroGroups Register in the national statistical authorities of different Member States, where the exchange is to ensure the quality of the multinational enterprise groups information in the Union.

FRIBS (2)

✓ Article 11: Exchange of confidential data

The exchange of confidential data between Member States on intra-Union exports of goods **shall take place**, exclusively for statistical purposes, between the national statistical authorities contributing to the development, production and dissemination of intra-Union trade in goods statistics.

The national statistical authority of the Member State of export shall provide to the national statistical authority of the Member State of import the statistical information on its intra-Union exports of goods to that Member State as set out in Article 12.

Technical aspects of data exchange

- **Architecture**
 - Approach towards data storage, access, data flows
 - Stakeholders
 - Regular or ad-hoc?
- **Infrastructure**
 - Databases, exchange protocols, (*computing capacity?*)
- **Data characteristics**
 - Structure and coding, volume, sources and validation

SDMX as vehicle

•Architecture

- International ISO standard
- Robust information model
- Formalised but flexible description of data flows
- Implemented in most international and many national organisations

•Infrastructure

- Robust XML data exchange format
- Web service specification

•Data characteristics

- Standardised data structure definition
- Structural validation embedded in the standard
- Content validation and transformation through related standards



SDMX as vehicle

→ flexible implementation scenarios

- Examples in Europe and beyond
- Reporting of National Accounts data
 - Physical regular transmission
 - File based → PUSH
- Census Hub
 - Distributed data warehouse
 - Web service based → PULL

International Data Cooperation

- 7 international organisations
- Hybrid of PULL and PUSH



Thank you for your attention!