



EUROPEAN CONFERENCE ON QUALITY IN OFFICIAL STATISTICS 2024 ESTORIL - PORTUGAL



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QUALITY IN OFFICIAL STATISTICS
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Household Budget Survey within a new EU legal framework

**Towards higher quality and more
harmonization, promoting innovative
approaches.**

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INSTITUTO NACIONAL DE ESTATÍSTICA
STATISTICS PORTUGAL

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The conference is partly
financed by the European Union

Outline

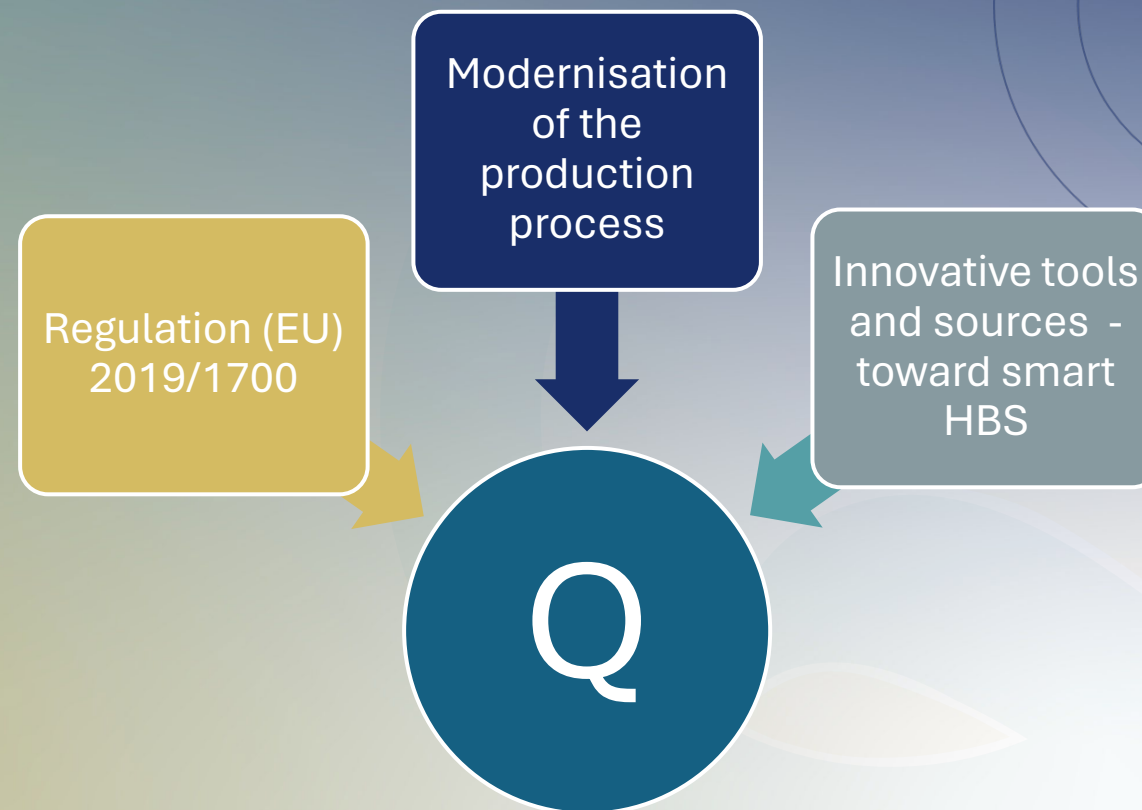


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The Household Budget Survey



Three paths toward higher quality



The HBS



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- Calculate weights for HICP and national CPI.
- National accounts.
- Private HHs' total consumption expenditure data linked to HH characteristics: income, housing and other demographic and socioeconomic attributes.
- Since 1988, every 5 years. Last in 2020. Next in 2026.
- Methodological guidelines & recommendations.
- Complex and costly survey.
- High burden on respondents and NSIs (2-week diary).
- Declining resp. rates in several countries.
- Voluntarily data transmission.
- Guidelines, deadlines, formats and file content (often) not respected.
- Hampering data validation & processing and Eurobase indicators production.

Paths towards higher Q



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The Regulation (EU) 2019/1700

The modernisation path

The innovation path

Improved relevance, accuracy, precision, timeliness, accessibility, harmonisation and comparability of HBS data!

The new legal basis specifies:

- Content of the data and metadata.
- Precision requirements for each dataset.
- Reference years, deadlines for data and metadata transmission (periodicity remains at 5-year intervals).
- Fundamental quality requirements.
- Detailed arrangements on content, structure and quality criteria for the national quality reports.
- Obligation for Eurostat: to assess the quality and inform users; to publish aggregated data.
- Envisages anonymised microdata access for scientific purposes.
- Feasibility and pilot studies.

Paths towards higher Q



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The Regulation (EU) 2019/1700

The modernisation path

The innovation path

Improved efficiency in HBS data validation, processing and dissemination.

Improved quality, timeliness, cross-country comparability and relevance of consumption expenditure indicators.

- Data and metadata transmission through EDAMIS only. Standardised data format and structure (no country-specific differences).
- New validation tools: structural-STRUVAL and content validation-CONVAL (no manual pre-processing).
- New production tool GSAST - Generic SAS Tool (no manual production steps).
- Additional validation of the data, missing data imputation & new derived variables, thus improved analytical power.
- An increased portfolio of indicators.
- (Where possible) processing of historical microdata and aggregated data to produce comparable time-series.

Paths towards higher Q



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The Regulation (EU) 2019/1700

The modernisation path

The innovation path

Higher data quality at national level, lower respondent & NSI burden, reduced post-fieldwork processing time.

Improved accuracy, reliability, timeliness,...

- Financial support to modernise HBS data collection at national level.
- Improve the methodology and develop innovative and shareable solutions.
- Reduce burden on respondent, reverse declining of response rates.
- Available data collection tools (web/mobile diaries/questionnaires).
- Including innovative (smart) features: geo-triggered reminders, receipt scanning and processing, automatic COICOP classification – smart HBS!
- Privacy and confidentiality preservation.



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Thank you!

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Statistical Officer

HETUS production and methodology

Innovative tools and sources for HBS and TUS



European Commission

EUROSTAT - Statistical Office of the European Union

ESTAT.F.4: Income and living conditions; quality of life

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