



Quality reporting

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Energy Statistics Workshop

25 May 2022

Presentation overview

Quality report on natural gas and electricity prices (Prices Regulation)

- Legal basis
- Reporting modalities
- Demonstration of the ESS Metadata Handler

Quality report on energy quantities (ESR)

- Legal basis
- Reporting modalities

First quality reports on end user prices for EnC

Prices quality reporting 2022 (p. 1/4)

- Quality reports on prices are submitted according to article 7(3) of Regulation (EU) 2016/1952
- *‘Every three years, Member States shall provide the Commission (Eurostat) with a standard quality report on the data in accordance with the quality criteria laid down in Article 12(1) of Regulation (EC) No 223/2009. Those reports include information on the scope and collection of the data, the calculation criteria, the methodology and data sources used, and any changes thereto.’*

Prices Quality reporting 2022 (p. 2/4)

- Article 7(1) legislates the application of the standard quality criteria laid down in Article 12(1) of Regulation (EC) No 223/2009, which states the quality assessment dimensions that apply to the data:

‘relevance’, which refers to the degree to which statistics meet current and potential needs of the users;

‘accuracy’, which refers to the closeness of estimates to the unknown true values;

‘timeliness’, which refers to the period between the availability of the information and the event or phenomenon it describes;

Prices Quality reporting 2022 (p. 3/4)

‘punctuality’, which refers to the delay between the date of the release of the data and the target date (the date by which the data should have been delivered);

‘accessibility’ and ‘clarity’, which refer to the conditions and modalities by which users can obtain, use and interpret data;

‘comparability’, which refers to the measurement of the impact of differences in applied statistical concepts, measurement tools and procedures where statistics are compared between geographical areas, sectoral domains or over time;

‘coherence’, which refers to the adequacy of the data to be reliably combined in different ways and for various uses.

Prices quality reporting 2022 (p. 4/4)

- Additional requirements regarding content of the quality report are laid down in Commission Implementing Regulation (EU) 2019/803 concerning the technical requirements regarding the content of quality reports on European statistics on natural gas and electricity prices 2016/1952 – reporting on quality management and data revision required
- Quality reporting should cover the full years elapsed since the date of the previous quality report: **2019, 2020 and 2021**
- Deadline for submitting the quality reports: **15 June 2022**

ESS Metadata Handler

- National quality reports are to be filled in using the application [ESS Metadata Handler](#)
- National data providers need to be granted access to ESS MH
- In case of problems in accessing the application or filling in your national file, please contact Stavros.Lazarou@ec.europa.eu and/or Tena.Gnjatovic@ec.europa.eu
- For each country, **two files** are ready in ESS MH and need to be edited: one for electricity prices and one for natural gas prices

Workflow in ESS MH



STRUCTURE OF THE REPORTS: SIMS 2.0

1. CONTACT	11. QUALITY MANAGEMENT
2. METADATA UPDATE	12. RELEVANCE
3. STATISTICAL PRESENTATION	13. ACCURACY
4. UNIT OF MEASURE	14. TIMELINESS AND PUNCTUALITY
5. REFERENCE PERIOD	15. COHERENCE AND COMPARABILITY
6. INSTITUTIONAL MANDATE	16. COST AND BURDEN
7. CONFIDENTIALITY	17. DATA REVISION
8. RELEASE POLICY	18. STATISTICAL PROCESSING
9. FREQUENCY OF DISSEMINATION	19. COMMENT
10. ACCESSIBILITY AND CLARITY	+ RELATED METADATA, ANNEXES

Pre-filled content

- Many concepts are pre-filled with information that we know or assume to be true
- Pre-filled content can and should be edited if the information is incorrect/incomplete
- Concepts are also pre-filled with text in blue font – these are instructions and should be deleted once the concept is filled in
- **Make sure all blue text is deleted before sending the file for validation!**

Example

6.1. Institutional Mandate - legal acts and other agreements

At EU level:

- [Regulation \(EU\) 2016/1952](#) of the European Parliament and of the Council of 26 October 2016 on European statistics on natural gas and electricity prices and repealing Directive 2008/92/EC (Text with EEA relevance).
- [Commission Implementing Regulation \(EU\) 2017/2169](#) of 21 November 2017 concerning the format and arrangements for the transmission of European Statistics on natural gas and electricity prices pursuant to Regulation (EU) 2016/1952 of the European Parliament and of the Council (Text with EEA relevance).
- [Commission Implementing Decision \(EU\) 2018/1734](#) of 14 November 2018 granting derogations to the Federal Republic of Germany, the Kingdom of Spain, the Italian Republic and the Republic of Cyprus as regards the provision of statistics pursuant to Regulation (EU) 2016/1952 of the European Parliament and of the Council (notified under document C(2018) 7465) (Text with EEA relevance).
- [Commission Implementing Regulation \(EU\) 2019/XXXX](#) (in progress) concerning the content of quality reports on European statistics on natural gas and electricity prices pursuant to Regulation (EU) 2016/1952 of the European Parliament and of the Council (Text with EEA relevance).

At national level:

- [\[Add any national legislation and other agreements related to electricity prices.\]](#)

Quality reports from 2019

- Link: [Energy statistics - Gas prices for domestic and industrial consumers \(europa.eu\)](#), [Energy statistics - electricity prices for domestic and industrial consumers, price components \(europa.eu\)](#)

National metadata			
National reference metadata			
National metadata produced by countries and released by Eurostat			
Belgium	Bulgaria	Czechia	Denmark
Germany	Estonia	Ireland	Greece
Spain	France	Croatia	Italy
Cyprus	Latvia	Lithuania	Hungary
Malta	Netherlands	Austria	Poland
Portugal	Romania	Slovenia	Slovakia
Finland	Norway	United Kingdom	

Second quality reporting for EnC under ESR

Legal basis

- Regulation (EC) No 1099/2008 on **energy statistics**, article 6(4) and 6(5)

„4. Every five years, Member States shall provide the Commission (Eurostat) with a report on the quality of the data transmitted as well as on any methodological changes that have been made.

5. Within six months of receipt of a request from the Commission (Eurostat), and in order to allow it to assess the quality of the data transmitted, Member States shall send to the Commission (Eurostat) a report containing any relevant information concerning the implementation of this Regulation.”

Quality dimensions

- Relevance
- Accuracy
- Timeliness
- Punctuality
- Accessibility and clarity
- Comparability
- Coherence



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Pre-filled content

- Concepts are pre-filled with information submitted in the previous quality reporting cycle (2015)
- Information needs to be edited to reflect the situation for reference year 2020
- Quality reporting cycle 2022 covers two additional EU data collections: SHARES and Disaggregation of final energy consumption in households
- **NO INSTRUCTIONS AS PRE-FILLED TEXT IN BLUE!!!**
- **GUIDELINES FOR FILLING IN A CONCEPT APPEAR WHEN HOVERING WITH THE MOUSE OVER THE „G” ICON NEXT TO CONCEPT NAME!**

Submission deadlines

Quality report on prices: 15 June 2022

Quality report under ESR: 27 July 2022

Thank you!

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