

QUALITY REPORTING UNDER REGULATION 1099/2008

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





1. Legal basis



Article 6 - Quality assessment and reports

- Member States shall ensure the quality of the data transmitted.
- Every five years, MS provide Eurostat with a report on the quality of data and any methodological changes.
- Within six months of a request from Eurostat, Member States send a report concerning the implementation of this Regulation.





2. Objectives of quality reporting

- Inform on quality criteria of a certain statistical process
- Identification of problems and potential improvements in statistical processes and output quality
- Comparison across processes / outputs and countries





3. European standards for quality reports

- European Statistical Code of Practice (CoP) http://epp.eurostat.ec.europa.eu/portal/page/portal/quality/code_of_practice/
- ESS Standard for Quality Reports (ESQR) http://epp.eurostat.ec.europa.eu/portal/page/portal/ver-1/guality/documents/ESQR_FINAL.pdf
- ESS Handbook for Quality Reports (EHQR)

http://epp.eurostat.ec.europa.eu/portal/page/portal/ver-1/quality/documents/EHQR_FINAL.pdf



4. Quality criteria

Quality dimensions:

- relevance
- accuracy
- timeliness
- punctuality
- accessibility and clarity
- comparability
- coherence







5. First quality reporting cycle on European energy statistics

<u>Objectives</u>:

- Get a first insight on statistical processes carried out by MS (e.g. data collection)
- Ensure simple comparisons between MS methodologies and find improvement areas (e.g. monthly data)
- Share best practices (some published in the Eurostat website)







6. Good examples and lessons learned

Good examples

- Some countries (e.g. France, Germany, Austria, Spain, UK and Slovenia) provided complete and informative quality reports
- Some countries (e.g. France, Ireland and Slovakia) provided useful additional material (e.g. mapping tables)

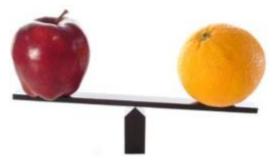




6. Good examples and lessons learned

Lessons learned

• Harmonisation / comparability



- Clarity and more precise information for some answers
- Missing information on some surveyed variables (sample size, data collection process for renewables, etc.), which should be easily available
- Sometimes difficult to understand underlying processes





7. Conclusions of the first QR on European energy statistics

Among other conclusions, the following conclusion guided ESS's works to prepare the quality reporting template for the second cycle:

• Learn from the experience of the first cycle and improve the next quality reporting questionnaire to obtain information on accuracy and other quality dimensions in a comparable way (e.g. using more standardised and closeended questions).





8. Adopted approach for the QR template

- More appropriate IT tool to reduce burden on respondents (Excel)
- Better compliance with QR standards
- More structured and comparable information by using more closed-ended questions
- Link between national and EU data collections
- Flexibility to adapt to different national systems







9.Excel questionnaire and reporting instructions



http://ec.europa.eu/eurostat/documents/38154/4956233/ Quality_Reporting-template-energy_statistics-FINALv4.0.xlsm/f16ab9c3-79f5-4865-926f-8d1f5cb3abfc



http://ec.europa.eu/eurostat/documents/38154/4956233/ Quality-reporting-instructions-2015.pdf/f7464374-cae9-43d6-89c2-063c064e44db

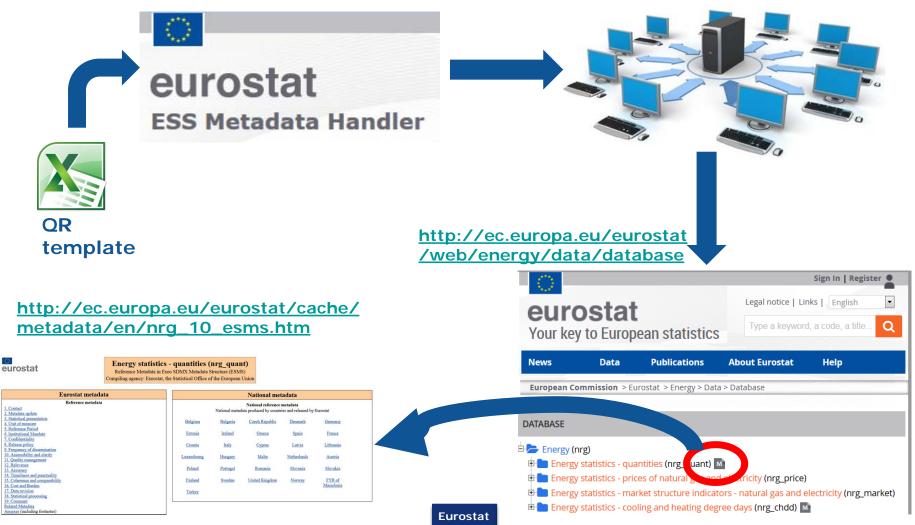


From national quality reports to metadata





10. Metadata: National Quality reports





Quality Reporting template



1. Structure of the template

- 1. START page
- 2. COVER page
- 3. Background, legal basis and instructions

Closed-ended questions

Mapping between national and Eurostat

data collections

4. National data collections

5. Link with EU data collections:

- EU ANNUAL
- ➢ EU M-2/M-3

➢ EU M-1

6. Remarks



1.1. National data collections (1/3)

<u>Country:</u> France		
	National data collection 4	
Back to Cover	1. Name of the national data collection Coal statistics	
Link to EU data collections	2. Main national body responsible	
Glossary of statistical terms	NSI	
	3.If more than 1 body involved in this data collection, select the situation There is no clear coordination	
	3b. Select the degree of integration of this data collection among different National bodies	
Insert new national	No particular measures of integration	
data collection	4. National legal framework	
Delete last national data collection	Mandatory, but only European legal text	
	5. Reference period Specify:	
Copy existing national	Other 11 months	
data collection from this file	6. Frequency of transmission	
Import national data	Once per year	
collection from a different file	7. Deadline for data transmission	
	6 months after the end of the reference period	



1.1. National data collections (2/3)

9. Report	ing Unit			Specify:
Other			•	The power plant
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12. Samp	le size	13. Non-respons	se rate	13a. Remarks on non-response (op
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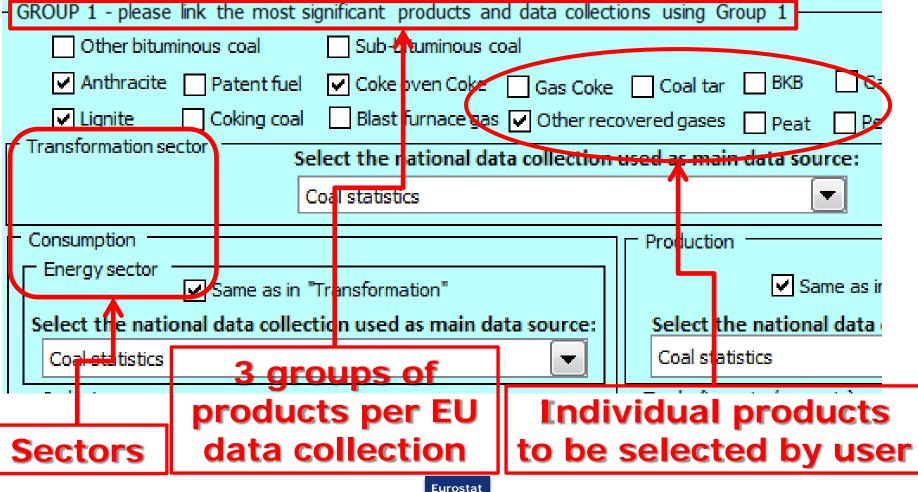


1.1. National data collections (3/3)

18. Revisions 18a. Indicate if there is a revision policy covering this data collection at national level
Yes No 18b. Link to revision policy/practice if available
18c. Provide other useful information about revision practice for this data collection
19.List of variables included in this data collection
19.List of variables included in this data collection
20. Describe the operations performed to this collection in order to improve data quality
(e.g. checks between monthly, quarterly and annual, verification of time series, investigation of outliers)
21. Links to quality and methodology documentation (reference material on methods and questionnaires used)
22. Link to national metadata
23. What is in your opinion the most important quality problem of this data collection?
 24. What has been done in the last 5 years to improve the quality of this data collection?
25. How do you take into account the user needs in relation to this data collection?
26. Other comments

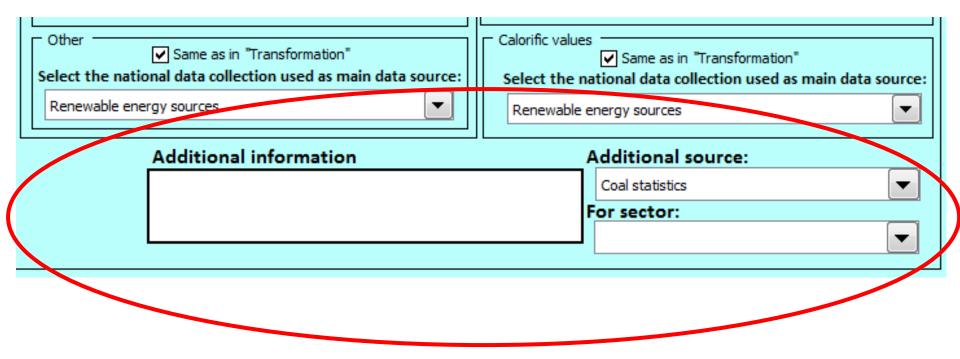


1.2. EU data collections (1/2) Annual Solid Fuels Statistics (ENERGY_SOLID_A)





1.2. EU data collections (2/2)





Practical demonstration









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