

Changes to legislation: There are outstanding changes not yet made to Commission Decision of 22 March 2005 establishing the formats relating to the database system pursuant to Directive 94/62/EC of the European Parliament and of the Council on packaging and packaging waste (notified under document number C(2005) 854) (Text with EEA relevance) (2005/270/EC). Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

[^{F1}ANNEX IV

Format for quality check

Textual Amendments

- F1** Inserted by Commission Implementing Decision (EU) 2019/665 of 17 April 2019 amending Decision 2005/270/EC establishing the formats relating to the database system pursuant to European Parliament and Council Directive 94/62/EC on packaging and packaging waste (notified under document C(2019) 2805) (Text with EEA relevance).

I. Objectives of the report

The objectives of the quality check report are as follows:

1. Evaluate the methodology to report on the annual consumption of lightweight plastic carrier bags;
2. Evaluate the quality of data on reusable packaging;
3. Check the comprehensiveness of Member State application of the definition of packaging waste, in particular as regards data on packaging waste generation;
4. Evaluate the quality of data collection processes, including the scope and validation of administrative data sources and the statistical validity of survey-based approaches;
5. Understand the reasons for significant changes in reported data between reference years and ensure confidence in the accuracy of that data;
6. Ensure the application of the rules and common methodologies to measure metals separated after the incineration of packaging waste; and
7. Verify compliance with specific requirements established in the rules for calculating the recycling targets for packaging waste.

II. General information

1. Member State:
2. Organisation submitting the data and the description:
3. Contact person / contact details:
4. Reference year:
5. Delivery date / version:
6. Link to data publication by the Member State (if any):

III. Annual consumption of lightweight plastic carrier bags

1. Description of the parties involved in the data collection

Name of institution	Description of key responsibilities
<i>Add rows as appropriate.</i>	

2. Description of methods used

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3. Accuracy of the data

3.1. Description of main issues affecting the accuracy of data on annual consumption of lightweight plastic carrier bags, including errors related to sampling, coverage, measurement, processing and non-response

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3.2. Explanation of the scope and validity of surveys to collect data on the annual consumption of lightweight plastic carrier bags

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3.3. Statistical surveys used regarding the annual consumption of lightweight plastic carrier bags

Scope of the survey	Year	Statistical units	Percentage of population surveyed	Data (t)	Confidence level	Error margin	Adjustment from the survey year to the current year	Other details

Add rows for each survey used.

3.4. Differences from previous year's data

Significant methodological changes in the calculation method for the current reference year, if any (please include in particular retrospective revisions, their nature and whether a break-flag is required for a certain year).

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IV. Reusable packaging

1. Parties involved in the data collection

Name of institution	Description of key responsibilities

Add rows as appropriate.

2. Description of the application of the definition of reusable packaging in the national data collection system, including ensuring that reusable packaging placed on the

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market for the first time is reused as part of a system to reuse packaging and that all rotations of reusable packaging are captured

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3. Methods to collect and aggregate the data for the different categories, type of packaging and systems to reuse packaging

Packaging material	Category of packaging covered (sales, grouped or transport packaging)	Type of packaging (for example bottles, crates, containers)	Description of the reuse system (open-loop or close-loop system)	Detailed description of the methods to collect and aggregate the data, including sources of information, coverage, and any estimates used if possible separately for each combination of packaging material, category, type of packaging and reuse system
Plastic				
Wood				
Ferrous metals				
Aluminium				
Glass				
Paper and cardboard				
Other				

Add rows after each material as appropriate.

4. Data verification

Packaging material	Detailed description of methods for verification of data on reusable packaging if possible separately for each combination of packaging material, category, type of packaging and reuse system

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Plastic	
Wood	
Ferrous metals	
Aluminium	
Glass	
Paper and cardboard	
Other	

5. Accuracy of the data

5.1. Description of main issues affecting the accuracy of data on reusable packaging, including errors related to sampling, coverage, measurement, processing and non-response

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5.2. Explanation of the scope and validity of surveys to collect data on reusable packaging

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5.3. Statistical surveys used regarding reusable packaging

Packaging material	Year	Statistical units	Percentage of population surveyed	Data (tonnes)	Confidence level	Error margin	Details of adjustments from the survey year to the current year	Other details

Add rows for each survey used.

5.4. Differences from previous year's data

Significant methodological changes in the calculation method for the current reference year, if any (please include in particular retrospective revisions, their nature and whether a break-flag is required for a certain year)

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V. Packaging waste

1. Description of the parties involved in the data collection

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Other (specify)								
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Description of the verification methods concerning data on packaging waste generated in case data on packaging placed on the market is used

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2.1.2. Explanation of the application of estimates in case data on packaging placed on the market is used (for instance, where data collection does not cover the whole market or in order to take account of free riders, private shipments in or out of the country or on-line sales)

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2.1.3. Indication whether an estimate has been calculated and added (Yes/No) and if 'Yes' the added volume in % of the total

Packaging waste material/ Validation	Total	Plastic	Wood	Ferrous metals	Aluminium	Glass	Paper and cardboard	Other
General estimates (e.g. based on surveys)								
Free-riders								
Private shipments								
On-line sales								
Others								

2.1.4. Description of the methodology and verification of data on packaging waste generated in case data on packaging waste is used, including (a) how non-packaging waste collected together with packaging waste as well as (b) packaging materials in other waste (mixed waste streams) are accounted for.

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2.1.5. Description of the methodology to report on composite packaging, including where materials contained in composite packaging and representing less than 5 % of the mass of the packaging unit are not reported separately.

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Waste analysis								
Data from waste operators								
Data from municipalities								
Data from extended producer responsibility schemes								
Other (specify)								

Additional information about the methods, including the combination of methods used

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2.2.3. Measurement points for recycling applied by the Member State

Packaging waste material	Description of measurement points used (at calculation point or at the output of sorting operation with subtraction of non-target materials as appropriate, end-of-waste criteria, etc.), including variation at regional and local level
Plastic	
Wood	
Ferrous metals	
Aluminium	
Glass	
Paper and cardboard	
Other	

Detailed description of the methodology to calculate the amount of non-target materials removed between the measurement and the calculation points, where applicable

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2.2.4. Description of the methodology to determine per material the amount of recycled materials contained in composite packaging or of packaging composed of multiple materials, and information on any exemptions applied for materials constituting less than 5 % of the total mass of the packaging unit.

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2.2.5. Use of Average Loss Rates (ALRs)

Description of the sorted packaging waste to which ALRs are applied, types of sorting plants to which different ALRs apply, the methodological approach to calculating ALRs at such point(s), including the statistical accuracy of any surveys used, or the nature of any technical specifications.

Sorted waste material and sorting plant type	ALR applied (in %)	Description

Add rows as appropriate.

2.2.6. Attribution of waste to packaging and non-packaging types and correction for humidity

Description, where applicable, of the methodology to exclude non-packaging waste from the reported amount of recycled packaging waste and of the methodology to correct the amount of packaging waste at the measurement point in order to reflect the natural humidity rate of packaging (including by using relevant European standards). Aggregated data across facilities of a similar type is acceptable.

Packaging waste material	Facility type	Share of packaging waste (%)	Description of the methodologies applied to obtain the percentage

Add rows as appropriate.

2.2.7. Attribution of waste to different Member States

Description of the methodology to exclude waste originating from other countries, where applicable. Aggregated data across facilities of a similar type is acceptable.

Packaging waste material	Facility type	Share of waste from the Member State (%)	Description of the methodologies applied to obtain the percentage

Add rows as appropriate.

2.2.8. Other recovery of waste

Description of treatment of waste reported under the category of other recovery and the share of waste (%) subject to such treatment

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- 2.2.9. Information on the relevance of temporary storage of packaging waste to the amounts of treated waste in a given year and any estimates of waste recycled in the current reference year following temporary storage in a previous reference year, and waste going to temporary storage in the current reference year

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- 2.2.10. Verification of data on packaging waste recycling

Packaging waste material	Cross-check(yes/no)	Time-series check(yes/no)	Audit(yes/no)	Verification Process
Plastic				
Wood				
Ferrous metals				
Aluminium				
Mixed waste				
Other				

- 2.2.11. Calculation of recycling of metals from incinerator bottom ash

Detailed description of the method to collect data in order to calculate the amount of metals separated from incineration bottom ash in accordance with the Commission Implementing Act adopted in accordance with Article 37(7) of Directive 2008/98/EC

Data	Description of the measurement method to obtain the data
Total amount of metal concentrate extracted from incinerator bottom ash	
Average level of metallic content in the total amount of metal concentrate, including the reliability of any surveys undertaken	
Proportion of waste entering incineration plants that is packaging waste, including the reliability of any surveys undertaken	

- 2.3. Accuracy of the data

- 2.3.1. Description of main issues affecting the accuracy of data on the generation and treatment of packaging waste, including errors related to sampling, coverage, measurement, processing and non-response

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2.3.2. Explanation of the scope and validity of surveys to collect data on the generation and treatment of packaging waste

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2.3.3. Statistical surveys used regarding packaging waste generation and treatment

Component of packaging waste	Year	Statistical units	Percentage of population surveyed	Data (tonnes)	Confidence level	Error margin	Details of adjustments from the survey year to the current year	Other details

Add rows for each survey used.

2.3.4. Differences from previous year's data

Significant methodological changes in the calculation method for the current reference year, if any (please include in particular retrospective revisions, their nature and whether a break-flag is required for a certain year)

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2.3.5. Explanation detailing the causes of the tonnage difference (in relation to which waste streams, sectors or estimates have caused the difference, and what the underlying cause is) for any component of packaging waste generated and recycled which shows greater than a 10 % variation from the data submitted for the previous data year

Material	Variation (%)	Main reason for variation

Add rows as appropriate.

VI. Traceability of waste and ensuring its treatment in conditions that are broadly equivalent of the requirements of EU environmental law

1. Detailed description of the system for quality control and traceability for packaging waste pursuant to Article 6a(3) and (8) of Directive 94/62/EC

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2. Waste treated outside the Member State

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Packaging waste material	Subject to final treatment in the Member State(yes/no)	Shipped to another EU Member State(yes/no)	Exported outside the EU(yes/no)	Description of specific measures for quality control and traceability of packaging waste, in particular as regards monitoring and validation of data
Plastic				
Wood				
Ferrous metals				
Aluminium				
Glass				
Paper and cardboard				
Other				

3. Description of measures to ensure that, in accordance with Article 6a(8) of Directive 94/62/EC, the exporter can prove that the shipment of waste complies with the requirements of Regulation (EC) No 1013/2006 of the European Parliament and of the Council⁽¹⁾ and that the treatment of waste outside the Union took place in conditions that are broadly equivalent to the requirements of the relevant Union environmental law

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VII. Confidentiality

Justification to withhold the publication of specific parts of this report:

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VIII. Main national websites, reference documents and publications

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- (1) [^{F1}Regulation (EC) No 1013/2006 of the European Parliament and of the Council of 14 June 2006 on shipments of waste (OJ L 190, 12.7.2006, p. 1).]

Textual Amendments

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Changes and effects yet to be applied to :

- [Decision revoked by S.I. 2019/620 Sch. para. 12](#)