Commission Regulation (EC) No 1445/2005 of 5 September 2005 defining the proper quality evaluation criteria and the contents of the quality reports for waste statistics for the purposes of Regulation (EC) No 2150/2002 of the European Parliament and of the Council (Text with EEA relevance)

COMMISSION REGULATION (EC) No 1445/2005

of 5 September 2005

defining the proper quality evaluation criteria and the contents of the quality reports for waste statistics for the purposes of Regulation (EC) No 2150/2002 of the European Parliament and of the Council

(Text with EEA relevance)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

Having regard to Regulation (EC) No 2150/2002 of the European Parliament and of the Council of 25 November 2002 on waste statistics[(1)] and in particular point (d) of Article 6 thereof,

Whereas:

(1) Pursuant to Article 6 of Regulation (EC) No 2150/2002, the Commission is required to adopt the measures necessary for implementing that Regulation.

(2) In accordance with point (d) of Article 6 of Regulation (EC) No 2150/2002, the Commission should define the proper quality evaluation criteria and the contents of the quality reports as referred to in that Regulation.

(3) The measures provided for in this Regulation are in accordance with the opinion of the Statistical Programme Committee established by Council Decision 89/382/EEC, Euratom[(2)],

HAS ADOPTED THIS REGULATION:

Article 1

1 The quality evaluation criteria and the contents of the quality reports as referred to in Section 7 of Annexes I and II to Regulation (EC) No 2150/2002 shall be as set out in the Annex to this Regulation. Member States shall supply a quality report in accordance with the Annex to this Regulation.

2 Paragraph 1 shall apply to data submitted in respect of the first reference year 2004 and all subsequent reference periods.

Article 2

This Regulation shall enter into force on the 20th day following that of its publication in the *Official Journal of the European Union*.

Changes to legislation: There are outstanding changes not yet made to Commission Regulation (EC) No 1445/2005. 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

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 5 September 2005.

For the Commission

Joaquín ALMUNIA

Member of the Commission

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ANNEX

CONTENTS OF THE QUALITY REPORT AND EVALUATION CRITERIA FOR WASTE STATISTICS

PREAMBLE TO THE CONTENTS OF THE QUALITY REPORT

Multi-method environment

Pursuant to Regulation (EC) No 2150/2002 every transmission of a data set or combination of data sets must be accompanied by a quality report. That Regulation does not prescribe a specific method of drawing up waste statistics. There may be differences between methods from one country to another, between data sets from one country and even within individual data sets. How quality can be assessed depends on the methods applied. To clarify the multi-method environment, Part I of the quality report presents a general description of the data; it identifies and provides an overview of the methods. Part II follows the standard elements used to define quality in the European Statistical System.

Structure

The quality report to be submitted by the Member States must follow the structure set out in the chapter 'Contents of the quality report' below. The report will also contain paragraphs which are not applicable or for which no information is available; an explicit reference to these paragraphs should be included in the quality report.

Data revision

Where there has been a revision of data, a note must be appended to the quality report. The note should specify the area covered by the revision; it should also explain why a revision was necessary and clarify the impact of the revision on the results.

Provisional data

Delivery of provisional data is not in accordance with the Regulation on waste statistics. If a set contains provisional data, this should be explained in Part I. The revision of such data will also need to be scheduled.

Key aggregates

In the quality report it is sometimes necessary to assess the impact of assumptions or errors. This assessment can be confined to the impact on key aggregates. For the generation of waste the key aggregates are:

— hazardous waste generated by households,
— non-hazardous waste generated by households,
— hazardous waste generated by enterprises (the total of all NACE categories),
— non-hazardous waste generated by enterprises (the total of all NACE categories).

For the treatment of waste the key aggregates are:

— hazardous waste used as fuel,
— non-hazardous waste used as fuel,
— hazardous waste incinerated,
— non-hazardous waste incinerated,
— hazardous waste recovered,
— non-hazardous waste recovered,
— hazardous waste disposed of,
— non-hazardous waste disposed of.

File name

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The quality report shall be supplied in electronic form in a document with a file name consisting of five parts:

Quality report	2	Value: QR
Domain	5	Value: WASTE
Country code	2	Two character country code
Year	4	Reference year (first reference year 2004)
Revision	1	Revision number, zero (0) for the first delivery

The parts of the file name are separated by an underscore. For example, the quality report from Belgium on 2004 after the first revision will have the name QR_WASTE_BE_2004_1.
CONTENTS OF THE QUALITY REPORT

Part I:

Description of the data

Identification
— Country
— Reference year
— Data set(s)
— Transmission date
Contact information on the person(s) responsible for the quality of waste statistics
— Name
— Telephone number
— Mail address
— Organisation and unit

Reference should be made to the derogations that apply to the data set.

Description of the parties involved/sources used in the data collection. Relationship of the parties/sources to the areas of the Regulation on waste statistics. What is the legal basis for the data source? How is continuity assessed?

General description of which methods are used in which part of the data set. This description is used as a reference in Part II of the report. The different methods are:
— Survey,
— Administrative sources,
— Modelling,
— Other (specify).

The changes made in relation to the previous reference year should be reported, together with an assessment of the impact on data quality. Special attention should be paid to comparability over time. Details concerning comparability will be reported in Part II under 5: Comparability. For the first reference year there is no requirement to report on comparability with the voluntary data collection based on the Joint OECD/Eurostat Questionnaire on waste.

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Member States must list the main changes anticipated in the methods to be used for the next reference year.

Part II:

Report on quality attributes

1. Relevance

A summary, including a description of users and needs at the national level, should be provided.

Member States should indicate the degree of completeness of the data sets. They should identify the variables and/or breakdowns required by the Regulation on waste statistics which are not available (e.g. the cell value is shown as 'M' or 'L' in the transmitted data set). For cases not covered by a derogation, an explanation is required. In the case of cells indicated as missing, steps must also be taken to rectify the deficiency.

2. Accuracy

2.1. Sampling errors

Reference should be made to Part I for a delineation of the relevant survey area. Information should be provided for the following aspects:

— sample frame applied,

— sampling scheme applied,

— stratification (e.g. specify whether by size-class, NACE group, etc.),

— sample volumes: specify the number of enterprises in a population and the number in the survey (per stratum if relevant),

— coefficient of variation for the total amount of waste generated and the breakdown into four key aggregates. The denominator of the coefficient is the total amount of waste generated in the relevant aggregate; this includes the strata not estimated using sampling methods. In order to estimate the variation, the level of non-response should be taken into account,

— coefficient of variation for the total amount of waste treated and the breakdown into eight key aggregates. The denominator of the coefficient is the total amount of waste treated in the relevant aggregate, including the strata not estimated using sampling methods. In order to estimate the variation, the level of non-response should be taken into account.

2.2. Non-sampling errors

2.2.1. Coverage errors

— For Annex I on waste generation: description of the method(s) applied to reach 100 % coverage;

— For Annex II on waste treatment: description of the waste treatment facilities which are excluded from reporting and the reason for their exclusion;

— Description of how the amount of commercial waste from enterprises/shops included in household waste is assessed; what method is used to estimate pure household waste;

— Description of the main problems of misclassification, under-coverage and over-coverage encountered in collecting the data.

2.2.2. Measurement errors