



COMMISSION OF THE EUROPEAN COMMUNITIES

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Amended proposal for a

**REGULATION OF THE EUROPEAN PARLIAMENT
AND OF THE COUNCIL**

on waste statistics

(presented by the Commission pursuant to Article 250 (2)
of the EC-Treaty)

EXPLANATORY MEMORANDUM

On 27 January 1999, the Commission adopted its proposal for a “Draft Council Regulation on Waste Management Statistics.”¹ On 22 September 1999, the Economic and Social Committee delivered a favourable opinion on the proposal.² Between June 1999 and September 2000, a Council Working Party discussed this text on five separate occasions. In the last of these meetings (held on 29 September 2000), the participants in the Working Party reached a broad consensus on the amendments made to the Commission proposal, as reflected in its “Draft proposal for a Regulation of the European Parliament and of the Council relating to statistics on waste.” [hereinafter “Working Party’s consensus draft”].³ The amendments proposed by the Council Working Party focus mainly on the reduction of data requirements and the provision of greater flexibility in data reporting for Member States, which either improve the original proposal or are at least deemed acceptable to the Commission.

In view of the nature and number of the amendments, the level of consensus reached by the Council Working Party, and in order to facilitate the codecision procedure, it is appropriate that the Commission submit a revised proposal for the Regulation. Accordingly, the present document constitutes the Commission’s revised proposal, which would replace the original proposal. The revised proposal maintains the logic of the original proposal. Moreover, the revised proposal is almost identical to the Working Party’s consensus draft. The only significant difference between the two is the periodicity of data collection for waste treatment, as discussed below.

Specifically, the revised proposal differs from the original proposal, and from the Working Party’s consensus draft, in the following respects:

1. PERIODICITY

The Commission’s revised proposal maintains a periodicity of one year for a part of the new Annex II (the annex covers recovery and disposal of waste). In particular, information is to be obtained from specialist waste disposal and incineration operators on an annual basis, and information on non-specialized recovery and disposal facilities on a three-year basis. A set of annual data on waste disposal and incineration is indispensable for establishing and evaluating waste policy, and for capacity planning of waste treatment facilities. Adequate and timely measures of waste treatment policies will not be possible if information is provided only once every three years, as proposed in the Working Party’s consensus draft. Incorrect or insufficient measures in this field could lead to unnecessarily high costs through sub-optimal investments.

With respect to this provision, the revised proposal is more restrictive than the position taken by the Commission in its reservation in the Working Party’s consensus draft, as it focuses only on waste management facilities for annual data collection. This will provide core waste treatment data for regular policy evaluation and policy measures. And at the same time allow Member States to limit annual surveys to a small group of specialised enterprises. By using sampling procedures, administrative or other sources for obtaining the information, it will be

¹ OJ C 87, 29.3.1999, p. 22.

² OJ C 329, 17.11.1999, p. 17

³ Council of the European Union, 9868/2/00/Rev2, ECO179/ENV213/CODEC497, 11 October 2000

possible for Member States to produce the statistics at low cost and with limited response burden.

2. STRUCTURE OF THE ANNEXES

The revised proposal accepts the modification to the structure of the annexes suggested by the Working Party's consensus draft. Accordingly, the revised proposal contains three annexes:

Annex I: Generation of waste;

Annex II: Recovery and Disposal of waste; and

Annex III: Transposition table between the European Waste Catalogue (EWC) and the 'EWC-stat V2' (which defines the waste categories to be used in the Community statistics on waste).

Annex I now covers only the generation of waste, by waste category and by economic activity, households included (2 dimensional matrix: 'waste categories' X 'economic activity'). In contrast, the original proposal also called for data on the method of recovery from the generated amount of waste (3 dimensional matrix: 'waste categories' X 'economic activity' X 'recovery operation'). The link between the economic activity of the waste generator and the waste recovery method is lost through this simplification. However, it was concluded from the discussions in the Council Working Party that the data requests were too burdensome. The Commission has therefore accepted the simplification, even though the possibility to track waste streams through the economy may be weakened.

The separate annex on the Collection of Municipal Waste was merged with Annex I in the Working Party's consensus draft, which has been adopted in the revised proposal. The data requirements are, however, mainly incorporated in Annex I (Generation of waste by households and similar waste by economic activity) and partially in Annex II (Recovery and Disposal of Waste).

Annex II of the revised proposal also includes the recovery operations previously included in Annex I. However, Internal Recycling ('recycling of waste on the site where the waste was generated') has been deleted, thereby further simplifying data collection requirements.

3. PILOT STUDIES

The Commission has accepted the Working Party's consensus draft's transfer of some areas from obligatory reporting to pilot studies. These areas are:

Import and export of waste (Article 5);

Packaging waste (Annex I, Section 2, Paragraph 4); and

Preparatory operations prior to treatment of waste (Annex II, Section 8, Paragraph 3).

For these areas, Member States can, on a voluntary basis, participate in pilot studies, to be financed by the Commission, to assess the relevance and feasibility of obtaining data. The

studies should take into account reporting obligations under relevant legislation.⁴ The results of these pilot studies may lead to subsequent proposals to amend the Regulation.

4. INCREASED ‘FLEXIBILITY’

With respect to Annexes I and II, the revised proposal accepts the text of the Working Party’s consensus draft to the effect that not all the cells in the matrixes must be filled with data. Article 3(3) of the revised proposal states: “given that economic structures and technical conditions relating to waste management schemes differ in Member States, a decision by an individual Member State not to report certain items in the breakdown may be accepted . . .” The Commission has accepted this change, recognizing that it allows a flexible approach; at the same time, however, it recognizes that there is a risk of incomplete data sets. Rules for interpretation of this provision are covered by the implementation measures in Article 6.

Further flexibility is introduced in Annex I, Section 8(2) and Annex II, Section 8(4) of the revised proposal, which allows Member States the freedom of choice with respect to two statistical units: Local Unit, or KAU.

5. OTHER SUBSTANTIVE AMENDMENTS

Further amendments made by the Council, which are included in the Commission’s revised proposal, are the following:

Legal basis: In the first “Having Regard” clause, the legal basis for the proposal has been changed from Art. 213 to Art. 285, in accordance with the requirements of the Amsterdam Treaty;

Comitology: In Article 7, the Management procedure has been replaced by the Regulatory procedure; moreover, a provision has been added that the Committee for the Adaptation to Scientific and Technical Progress of EC Legislation (TAC) will be informed about implementation measures.

SME : In Article 3(2), enterprises with less than 10 employees have been excluded from coverage, unless they contribute significantly to the total waste generated.

⁴ Council Regulation 259/93 (Import and Export of Waste); Council Directive 94/62/EC (Packaging); Annex IIa and IIb in Commission Decision 96/350/EC (pre-treatment operations)

Amended proposal for a

REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

on waste statistics

(Text with EEA relevance)

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty establishing the European Community, and in particular Article 285 thereof,

Having regard to the proposal from the Commission⁵,

Having regard to the opinion of the Economic and Social Committee⁶,

Acting in accordance with the procedure laid down in Article 251 of the Treaty,

Whereas:

- (1) regular Community statistics on the production and management of waste from businesses and private households are required by the Community for monitoring the implementation of the three principles - waste prevention, maximisation of recovery and safe disposal - for waste policy;
- (2) the terms for the description of waste and waste management need to be defined in order to ensure the comparability of results in waste statistics;
- (3) waste policy has led to the establishment of a set of principles to be followed by waste producing units and waste management; whereas this requires the monitoring of waste at different points of the waste stream generation, collection, recovery and disposal;
- (4) Council Regulation (EC) 322/97 of 17 February 1997 on Community Statistics⁷ constitutes the reference framework for the provisions of this Regulation;
- (5) to guarantee comparable results, waste statistics should be produced in accordance with the determined breakdown, in an appropriate form and within a fixed period of time from the end of the reference year;
- (6) in accordance with the principles of subsidiarity and proportionality as set out in Article 5 of the Treaty, the objectives of the proposed measure, namely to establish a framework for the production of Community statistics on waste cannot be sufficiently

⁵ OJ C 87, 29.3.1999, p. 22.

⁶ OJ C 329, 17.11.1999, p. 17.

⁷ OJ L 52, 22.2.1997, p. 1

achieved by the Member States, by reason of the need to define terms of description of waste and waste management so as to ensure the comparability of the statistics supplied by the Member States, and can therefore be better achieved by the Community; whereas this Regulation confines itself to the minimum required in order to achieve those objectives and does not go beyond what is necessary for that purpose;

- (7) Member States may need a transition period for the adaptation or establishment of their statistics on waste;
- (8) the measures necessary for the implementation of this Regulation are measures of general scope within the meaning of Article 2 of Council Decision 1999/468/EC of June 28 1999 laying down the procedures for the exercise of implementing powers conferred on the Commission⁸, they should be adopted by use of the regulatory procedure provided for in Article 5 of that Decision;
- (9) the Statistical Programme Committee has been consulted by the Commission;

HAVE ADOPTED THIS REGULATION:

Article 1

Objectives

- 1. The objective of this Regulation is to establish a framework for the production of Community statistics on the generation, recovery and disposal of waste.
- 2. Member States and the Commission, within their respective fields of competence, shall produce Community statistics on the generation, recovery and disposal of waste, excluding radioactive waste, which is already covered by other legislation.
- 3. The statistics shall cover the following areas:
 - (a) Generation of waste according to Annex I;
 - (b) Recovery and disposal of waste according to Annex II;

In compiling the statistics, Member States and the Commission shall observe the equivalence between the European Waste Catalogue (EWC) established by Commission Decision 94/3/EC⁹ and the substance-oriented aggregation, as set out in Annex III to this Regulation.

⁸ OJ L 184 17.7.1999, p. 23

⁹ OJ L 5, 7.1.1994, p. 15

Article 2

Definitions

1. For the purpose of this regulation:

- (a) “Waste” shall mean any substance or object as defined in Article 1 (a) of Council Directive 75/442/EEC¹⁰ as amended;
- (b) “Separately collected fractions of waste” shall mean household and similar waste selectively collected in homogeneous fractions by public services, non-profit organisations and private enterprises acting in the field of organised waste collection;
- (c) “Recycling” shall refer to the definition given in Art. 3(7) of Council Directive 94/62/EC;¹¹
- (d) “Recovery” shall mean any of the operations provided for in Annex II.B to Directive 75/442/EEC as amended¹²
- (e) “Disposal” shall mean any of the operations provided for in Annex II.A to Directive 75/442/EEC as amended;¹³
- (f) “Recovery or disposal facility” shall mean a facility that requires a permit or registration pursuant to article 9,10, or 11 of Council Directive 75/442/EC;
- (g) “Hazardous waste” shall mean any waste as defined in Article 1 (4) of Council Directive 91/689/EEC;¹⁴
- (h) “Non-hazardous waste” shall mean waste which is not covered by point (g);
- (i) “Landfill” shall mean a waste disposal site as defined in Article 2 (g) of Council Directive 1999/31/EC;¹⁵
- (j) “Capacity of waste incineration facilities” shall mean the maximum capacity to incinerate waste in tonnes per annum, or in gigajoules;
- (k) “Capacity of waste recycling facilities” shall mean the maximum capacity to recycle waste in tonnes per annum;
- (l) “Capacity of landfills” shall mean the remaining capacity (at the end of the data reference year) of the landfill facility to dispose of waste in the future measured in cubic meters.

¹⁰ OJ L 194, 25.7.1975, p. 39

¹¹ OJ L 365, 31.12.1994, p. 10

¹² OJ L 135, 6.6.1996, p. 32

¹³ OJ L 135, 6.6.1996, p. 32

¹⁴ OJ L 377, 31.12.1991, p. 20

¹⁵ OJ L 182, 16.7.1999, p. 1

- (m) “Capacity of other disposal facilities” shall mean the capacity of the facility to dispose of waste measured in tonnes per annum.

Article 3

Collection of data

1. Member States shall, whilst complying with conditions as to quality and accuracy, acquire the data necessary for the specification of the characteristics listed in Annexes I and II by means of:

- surveys;^{*}
- administrative or other sources;
- statistical estimation procedures; or
- a combination of these means.

In order to reduce response burdens, the national authorities and the Commission shall, subject to the limits and the conditions fixed by each Member State and by the Commission in their respective spheres of competence, have access to administrative data sources.

2. In order to reduce the administrative burden on small enterprises, enterprises of less than 10 employees are excluded from surveys, unless they contribute significantly to the generation of waste.
3. Member States shall produce statistical results, following the breakdown stipulated in Annexes I and II . Given that economic structures and technical conditions relating to waste management schemes differ in the Member States, a decision by an individual Member State not to report certain items in the breakdown may be accepted, provided it is justified in the quality reports mentioned in Annex I and II. In all cases, the total amount of waste for each item listed in sections 2(3) and 8(1) of Annex I shall be compiled.
4. The exclusions referred to in paragraphs (2) and (3) must be consistent with the coverage and quality objectives as referred to in Section 7, paragraph 1, of Annexes I and II.
5. Member States shall transmit the results, including confidential data, to EUROSTAT in an appropriate format and within a set period of time from the end of the respective reference periods, as laid down in Annexes I and II.

^{*} In accordance with the subsidiarity principle, the question whether such surveys are to be compulsory or not is to be decided by the Member States.

6. The treatment of confidential data and the transmission of such data as provided for in Article 3 (5) shall be carried out in accordance with the existing Community provisions governing statistical confidentiality.

Article 4

Transitional period

- 1 During a transitional period, which may not exceed two years, the Commission may at the request of the Member States and in accordance with the procedure set out in Article 7, grant a derogation from the provisions of Section 5 of Annex I and II, wherever the national statistical systems require major adaptations.
- 2 This derogation can be granted only for the data of the first reference year.

Article 5

Import and Export of Waste

1. The Commission will draw up a programme for pilot studies to be carried out on a voluntary basis by Member States on the Import and Export of waste. The pilot studies will aim to assess the relevance and feasibility of obtaining data, and to evaluate the costs and benefits of collecting the data, and the burden on business.
2. The Commission programme for pilot studies must be consistent with the contents of Annexes I and II, particularly the aspects related to the scope and coverage of wastes, waste categories for the classification of waste, reference years and periodicity taking into account the reporting obligations under Council Regulation 259/93¹⁶.
3. The Commission shall finance up to 100% of the costs for conducting the pilot studies.
4. On the basis of the conclusions of these pilot studies, the Commission will inform the European Parliament and the Council of the possibilities of compiling statistics for the activities and characteristics covered by the pilot studies for import and export of waste. The Commission may make a recommendation for a new Annex.
5. The pilot studies should be conducted within three years after the first reference year.

¹⁶ OJ L 030, 6.2.1993, p.1

Article 6

Implementation measures

The measures necessary for the implementation of this instrument, relating to the subject matters referred to below shall be adopted in accordance with the procedure set out in Article 7. These shall include measures:

- (a) for adjustment to economic and technical developments concerning the collection and statistical processing of data, the processing and the transmission of results;
- (b) for adaptation of the specifications listed in Annexes I, II and III;
- (c) for the production of results in accordance with Article 3(2), (3) and (4);
- (d) for definition of the proper quality evaluation criteria and the contents of the quality reports as referred to in Section 7 of Annexes I and II of the present Regulation;
- (e) for setting out the appropriate format for the transmission of results by Member States within 2 years from the date of entry into force of this Regulation;
- (f) for compiling the list for granting transitional periods and derogations to Member States, as specified in Article 4;
- (g) for implementation of the results of the pilot studies, as specified in Article 5(4), Annex I Section 2(4) and Annex II Section 8(3).

Article 7

Comitology

1. The Commission shall be assisted by the Statistical Programme Committee established by Decision 89/382/EEC, Euratom¹⁷.
2. Where reference is made to this article, Article 5 of Decision 1999/468/EC¹⁸ shall apply, in compliance with Articles 7(3) and 8 thereof. The period laid down in Article 5(6) of Decision 1999/468/EC shall be set at three months.
3. The Commission shall transmit the measures submitted to the Statistical Programme Committee to the Committee for adaptation to scientific and technical progress of EC legislation instituted by Directive 91/156/EEC¹⁹ related to waste.

¹⁷ OJ L 181, 28.6.1989, p. 47

¹⁸ OJ L 184, 17.7.1999, p. 23

¹⁹ OJ L 78, 26.3.1991, p. 32

Article 8

Report

1. The Commission shall, within five years after the date of entry into force of this Regulation and every three years thereafter, submit a report to the European Parliament and the Council on the statistics compiled pursuant to this Regulation and in particular on their quality and the burden on business.
2. The Commission shall, where appropriate, within three years after the date of entry into force of this Regulation, submit to the European Parliament and the Council a proposal abolishing overlapping reporting obligations.

Article 9

Entry Into Force

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

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

Done at Brussels, [...]

For the European Parliament
The President

For the Council
The President

ANNEX I

Generation of waste

SECTION 1

Coverage

The statistics are to be compiled for all activities classified within the coverage of the sections C to Q, except Division 12, of NACE REV. 1²⁰. These Sections cover all economic activities, except agriculture, hunting, forestry (A) and fishing (B), which are outside the domain of this Annex.

This annex also covers:

- waste generated by households;
- waste arising from recovery and/or disposal operations.

SECTION 2

Waste categories

1. The waste categories for which statistics on waste generation are to be compiled are derived as aggregation from the European Waste Catalogue (EWC).
2. Each item in the EWC is attributed to the aggregated substance-oriented waste list tabled in paragraph 3 of this Section. The transposition table between EWC and substance-oriented aggregation is listed in Annex III.
3. Statistics on the following waste categories are to be produced:

Aggregates list (Page 1)			
Item No.	EWC-Stat / Version 2		Hazardous / Non-hazardous waste
	Code	Description	
1	01.1	Spent solvents	Non-hazardous
2	"	"	Hazardous
3	01.2	Acid, alkaline or saline wastes	Non-hazardous
4	"	"	Hazardous

²⁰ OJ L 83, 3.4.1993, p.1

5	01.3	Used oils	Non-hazardous
6	"	"	Hazardous
7	01.4	Spent chemical catalysts	Non-hazardous
8	"	"	Hazardous
9	02	Chemical preparation wastes	Non-hazardous
10	"	"	Hazardous
11	03.1	Chemical deposits and residues	Non-hazardous
12	"	"	Hazardous
13	03.2	Industrial effluent sludges	Non-hazardous
14	"	"	Hazardous
15	05	Health care and biological wastes	Non-hazardous
16	"	"	Hazardous
17	06	Metallic wastes	Non-hazardous
18	"	"	Hazardous
19	07.1	Glass wastes	Non-hazardous
20	07.2	Paper and cardboard wastes	Non-hazardous
21	07.3	Rubber wastes	Non-hazardous
22	07.4	Plastic wastes	Non-hazardous
23	07.5	Wood wastes	Non-hazardous
24	07.6	Textile wastes	Non-hazardous
25	"	"	Hazardous
26	08	Discarded equipment	Non-hazardous
27	"	"	Hazardous
28	08.1	Discarded vehicles	Non-hazardous
29	08.41	Batteries and accumulators wastes	Non-hazardous
30	"	"	Hazardous

31	09	Animal and vegetal wastes	Non-hazardous
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Aggregates list (Page 2)			
Item No.	EWC-Stat / Version 2		Hazardous / Non-hazardous waste
	Code	Description	
32	10.1	Household and similar wastes	Non-hazardous
33	10.2	Mixed and undifferentiated materials	Non-hazardous
34	10.3	Sorting residues	Non-hazardous
35	11	Common sludges	Non-hazardous
36	12.1,12.2,12.3,12.5	Mineral wastes (excluding contaminated soils and polluted_dredging spoils)	Non-hazardous
37	"	"	Hazardous
38	12.6	Contaminated soils and polluted dredging spoils	Hazardous
39	12.4	Combustion wastes	Non-hazardous
40	"	"	Hazardous
41	13	Solidified, stabilised or vitrified wastes	Non-hazardous
42	"	"	Hazardous

4. Taking into account the reporting obligation under the European Parliament and Council Directive 94/62/EC,²¹ the Commission shall draw up a programme for pilot studies to be carried out on a voluntary basis by Member States in order to assess the relevance of including packaging waste entries (EWC-Stat Version 2) in the breakdown list above. The Commission shall finance up to 100% of the costs for these pilot studies. On the basis of the conclusions of these pilot studies, the Commission will adopt the necessary implementation measures in accordance with the procedure set out in Article 7 of this Regulation.

²¹ OJ L 365, 31.12.1994, p.10.

SECTION 3

Characteristics

1. Characteristics for the waste categories:

For each waste category listed in Section 2 (3), the quantity of waste generated shall be compiled.

2. Regional characteristics:

Population or dwellings served by a collection scheme for mixed household and similar waste (NUTS II level).

SECTION 4

Reporting unit

1. The reporting unit to be used for all waste categories is 1000 tonnes of (normal) wet waste. For the waste categories "sludge" an additional figure for dry matter should be provided.
2. The reporting unit for regional characteristics should be the percentage of the population or dwellings.

SECTION 5

First reference year and periodicity

1. The first reference year is the second calendar year following the publication of the Regulation in the Official Journal.
2. Member States shall furnish data for every third year after the first reference year.

SECTION 6

Transmission of results to EUROSTAT

The results are to be transmitted within 18 months after the end of the reference year.

SECTION 7

Report on the coverage and quality of statistics

1. For each item listed in Section 8 (activities and households), Member States shall indicate the percentage to which the compiled statistics represent the universe of the

respective item. The minimum requirement for the coverage shall be defined in accordance with the procedure set out in Article 7.

2. Member States shall give a quality report, indicating the degree of precision for the collected data. A description shall be given on the estimations, aggregations or exclusions, and the way these procedures affect the distribution of waste categories, listed in Section 2 (3) by economic activities and households, as referred in Section 8.
3. The Commission shall include the coverage and quality reports in the report provided for in Article 8 of this Regulation.

SECTION 8

Production of results

1. The results for the characteristics listed in Section 3 (1), are to be compiled for:

1.1 The following Sections, Divisions, Groups and Classes of NACE Rev. 1:

Item No.	NACE Rev.1 Code	Description
1	C	Mining and quarrying
2	DA	Manufacture of food products, beverages and tobacco
3	DB+DC	Manufacture of textiles + Manufacture of leather and leather products
4	DD	Manufacture of wood and wood products
5	DE	Manufacture of pulp, paper and paper products; publishing and printing
6	DF	Manufacture of coke, refined petroleum products and nuclear fuels
7	DG+DH	Manufacture of chemicals, chemical products, man-made fibres + Manufacture of rubber and plastic products
8	DI	Manufacture of other non-metallic mineral products
9	DJ	Manufacture of basic metals and fabricated metal products
10	DK+DL+DM	Manufacture of machinery and equipment + Manufacture of electrical and optical equipment + Manufacture of transport equipment
11	DN Excluded 37	Manufacture n.e.c.

12	E	Electricity, gas, steam and hot water and water supply
13	F	Construction
14	G - Q Excluded 90 and 51.57	Services activities: Wholesale and retail trade; Repair of motor vehicles, motor cycles and personal and household goods + Lodging, restaurant and similar activities + Transports, storage and communications + Financial activities + Real state activity, rentals and other services to enterprises + Public administration, defence and obligatory social security + Education activities + Social activities and Health + Other personal, social and community services + Families with household employees + International organisations and other extra-territorial institutions
15	37	Recycling
16	51.57	Wholesale of waste and scrap
17	90	Sewage and refuse disposal, sanitation and similar activities

1.2 Households

18	Waste generated by households
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2. For economic activities, statistical units are Local Units or Kind of Activity Units, as defined in Council Regulation 696/93/EEC²² on the statistical units for the observation and analysis of the production system in the Community, according to each Member State's statistical system.

In the quality report, to be produced under Section 7, a description of how the chosen statistical unit affects the groupings of NACE-Rev 1 data distribution should be included.

²² OJ L 76, 30.3. 1993, p. 2

ANNEX II

Recovery and Disposal of Waste

SECTION 1

Coverage

1. The statistics are to be compiled for all recovery and disposal facilities which run any of the operations referred to in Section 8(2) and which belong to or are part of the economic activities according to the groupings of NACE-Rev.1, mentioned in Annex I, Section 8 (1.1).
2. Facilities whose waste treatment activities are limited to the recycling of waste on the site where the waste was generated, are not covered by this Annex.

SECTION 2

Waste categories

The list of waste categories for which the statistics are to be compiled, according to each recovery or disposal operation as referred to in section 8(2), are the following:

		Incineration	
Item No.		EWC-Stat Version 2	Hazardous / Non-hazardous waste
	Code	Description	
1	01 + 02 + 03	Chemical wastes (Chemical compound waste + Chemical preparation wastes + Other chemical wastes)	Non-hazardous
2	"	"	Hazardous
3	01.3	Used oils	Non-hazardous
4	"	"	Hazardous
5	05	Health care and biological wastes	Non-hazardous
6	"	"	Hazardous
7	10.1	Mixed household and similar waste	Non-hazardous
8	10.2	Mixed and undifferentiated materials	Non-hazardous
9	10.3	Sorting residues	Non-hazardous

10	11	Common sludges	Non-hazardous
11	06 + 07 + 08 + 09 + 12 + 13	Other wastes (Metallic wastes + Non-metallic wastes + Discarded equipment + Animal and vegetal wastes + Mineral wastes + Solidified, stabilised or vitrified wastes)	Non-hazardous
12	"	"	Hazardous

	Recycling		
Item No.	EWC-Stat Version 2		Hazardous / Non-hazardous waste
	Code	Description	
1	01.3	Used oils	Non-hazardous
2	"	"	Hazardous
3	06	Metallic wastes	Non-hazardous
4	"	"	Hazardous
5	07.1	Glass wastes	Non-hazardous
6	07.2	Paper and cardboard wastes	Non-hazardous
7	07.3	Rubber wastes	Non-hazardous
8	07.4	Plastic wastes	Non-hazardous
9	07.5	Wood wastes	Non-hazardous
10	07.6	Textile wastes	Non-hazardous
11	"	"	Hazardous
12	09	Animal and vegetal wastes	Non-hazardous
13	12	Mineral waste	Non-hazardous
14	12	Mineral waste	Hazardous

15	01 + 02 + 03 + 05 + 08 + 10 + 11 + 13	Other Wastes (Chemical compound wastes + Chemical preparation wastes + Other chemical wastes + Health care and biological wastes + Discarded equipment + Mixed ordinary wastes + Common sludges + Solidified, stabilised or vitrified wastes)	Non-hazardous
16	"	"	Hazardous

Disposal (other than incineration):			
Item No.	EWC-Stat Version 2		Hazardous / Non-hazardous waste
	Code	Description	
1	01 + 02 + 03	Chemical wastes (Chemical compound waste + Chemical preparation wastes + Other chemical wastes)	Non-hazardous
2	"	"	Hazardous
3	01.3	Used oils	Non-hazardous
4	"	"	Hazardous
5	09	Animal and vegetal wastes	Non-hazardous
6	10.1	Household and similar waste	Non-hazardous
7	10.2	Mixed and undifferentiated materials	Non-hazardous
8	10.3	Sorting residues	Non-hazardous
9	11	Common sludges	Non-hazardous
10	12	Mineral wastes	Non-hazardous
11	"	"	Hazardous
12	05 + 06 + 07 + 08 + 13	Other wastes (Health care and biological wastes + Metallic wastes + Non-metallic wastes + Discarded equipment + Solidified, stabilised or vitrified wastes)	Non-hazardous

13	"	"	Hazardous
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SECTION 3

Characteristics

1. The characteristics, for which the statistics are to be compiled on recovery and disposal operations, as referred to in Section 8(2) are set out in the table below.

Number and capacity of recovery and disposal operations per region		
Item No.	Code	Description
1	2 00	Number of operation facilities, NUTS 2 level
2	2 10	Capacity in units according to the operations defined in Article 2, NUTS 2 level
Waste treated per recovery and disposal operation, including import		
3	2 20	Total quantities of waste treated, by waste category, excluding recycling of waste on the site where the waste was generated, at NUTS 1 level

SECTION 4

Reporting unit

The reporting unit to be used for all waste categories is 1000 tonnes of (normal) wet waste. For the waste categories “sludge” an additional figure for dry matter should be provided.

SECTION 5

First reference year and periodicity

1. The first reference year is the second calendar year following the publication of the Regulation in the Official Journal.
2. Member states shall furnish data according to the following scheme:
 - a. for every year, after the reference year, for the facilities which are referred to in Section 8(2) and run any of the operations under Incineration (item number 1 and 2) and Disposal (item number 4 and 5) as far as these facilities belong to or are part of the economic activities according to the groupings of NACE Rev 1: E, 75 and 90.

- b. for every third year, after the reference year for all Recovery and Disposal facilities which run any of the operations referred to in Section 8(2) and which belong to or are part of the economic activities according to the groupings of NACE-Rev.1, mentioned in Annex I, Section 8 (1.1).

SECTION 6

Transmission of results to Eurostat

The results are to be transmitted within 18 months of the end of the calendar year of the reference period.

SECTION 7

Report on the coverage and quality of statistics

1. For the characteristics listed in Section 3, and for each type of operation listed in Section 8, paragraph 2, Member States shall indicate the percentage to which the compiled statistics represent the universe of waste of the respective item. The minimum requirement for the coverage shall be defined in accordance with the procedure set out in Article 7.
2. For the characteristics listed in Section 3, paragraph 2, Member States shall give a quality report, indicating the degree of precision for the collected data.
3. The Commission shall include the coverage and quality reports in the report provided for in Article 8 of this Regulation.

SECTION 8

Production of results

1. The results are to be compiled for each recovery and disposal operation, as specified below, according to the characteristic 2 20 as referred to in Section 3 and the operation specific waste categories listed in Section 2.
2. List of Recovery and Disposal Operations; the codes refer to the codes in the Annexes of the Council Directive 75/442/EEC on waste as amended by 91/156/EEC and adapted by Commission Decision 96/350/EC²³:

²³ OJ L 135, 6.6.1996, p. 32

Item No.	Code	Types of recovery and disposal operations
Incineration		
1	R1	Incineration with energy recovery: Use principally as a fuel or other means to generate energy
2	D10	Incineration other than R1

Recycling (including Composting)		
3	R2 + R3 + R4 + R5 + R6 + R7 + R8 + R9 + R10 + R11	Recycling: Solvent reclamation/regeneration+Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)+Recycling/reclamation of metals and metal compounds+Recycling/reclamation of other inorganic materials+Regeneration of acids or bases+Recovery of components used for pollution abatement+Recovery of components from catalysts+Oil re-finishing or other reuses of oil+Land treatment resulting in benefit to agriculture or ecological improvement+Use of wastes obtained from any of the operations numbered R1 to R10

Disposal		
4	D1 + D3 + D4 + D5 + D12	Final deposit: (different types of landfilling operations) Deposit into landfill + Deep injection + Surface impoundment (discharge of liquid wastes on natural or artificial lagoons) + Special engineered landfill + Permanent storage
5	D2 + D6 + D7	Other final disposal operations: Land treatment + Release into a water body except seas and oceans + Release into seas and oceans including sea-bed insertion

3. The Commission shall draw up a programme for pilot studies, to be carried out on a voluntary basis by Member States. The pilot studies will aim to assess the relevance and feasibility of obtaining data on the amounts of waste conditioned by preparatory operations, as defined in Annexes II.A and II.B of Council Directive 75/442/EEC and adapted by Commission Decision 96/350/EC²⁴. The Commission shall finance up to 100 % of the costs for conducting these pilot studies. Based on the conclusions of

²⁴ OJ L 135, 6.6.1996, p. 32

these pilot studies, the Commission will adopt the necessary implementation measures, in accordance with the procedure set out in Article 7 of this Regulation.

4. Statistical units are Local Units or Kind of Activity Units, as defined in Council Regulation 696/93 EEC²⁵ on the statistical units for the observation and analysis of the production system in the Community, according to each Member State's statistical system.

In the quality report, to be produced under Section 7, a description of how the chosen statistical unit affects the groupings of NACE-Rev 1 data distribution should be included.

²⁵ OJ L 76, 30.3.1993, p. 1

ANNEX III

Transposition table

Related to ANNEX I, Section 2(2) and ANNEX II, Section 2

EW-Stat Rev.2 (substance oriented waste statistical classification)

European Waste Catalogue (EWC)

01 Chemical compound wastes

01.1 Spent solvents

01.11 Halogenated spent solvents

1 Hazardous

- 04.01.03 degreasing wastes containing solvents without a liquid phase
- 07.01.03 organic halogenated solvents, washing liquids and mother liquors
- 07.02.03 organic halogenated solvents, washing liquids and mother liquors
- 07.03.03 organic halogenated solvents, washing liquids and mother liquors
- 07.04.03 organic halogenated solvents, washing liquids and mother liquors
- 07.05.03 organic halogenated solvents, washing liquids and mother liquors
- 07.06.03 organic halogenated solvents, washing liquids and mother liquors
- 07.07.03 organic halogenated solvents, washing liquids and mother liquors
- 14.01.01 chlorofluorocarbons
- 14.01.02 other halogenated solvents and solvent mixes
- 14.01.04 aqueous solvent mixes containing halogens
- 14.01.06 sludges or solid wastes containing halogenated solvents
- 14.02.01 halogenated solvents and solvent mixes
- 14.02.03 sludges or solid wastes containing halogenated solvents
- 14.03.01 chlorofluorocarbons
- 14.03.02 other halogenated solvents
- 14.03.04 sludges or solid wastes containing halogenated solvents
- 14.04.01 chlorofluorocarbons
- 14.04.02 other halogenated solvents and solvent mixes
- 14.04.04 sludges or solid wastes containing halogenated solvents
- 14.05.01 chlorofluorocarbons
- 14.05.02 halogenated solvents and solvent mixes
- 14.05.04 sludges containing halogenated solvents

01.12 Non halogenated spent solvents

0 Non-hazardous

- 02.03.03 wastes from solvent extraction

1 Hazardous

- 07.01.04 other organic solvents, washing liquids and mother liquors
- 07.02.04 other organic solvents, washing liquids and mother liquors
- 07.03.04 other organic solvents, washing liquids and mother liquors

07.04.04	other organic solvents, washing liquids and mother liquors
07.05.04	other organic solvents, washing liquids and mother liquors
07.06.04	other organic solvents, washing liquids and mother liquors
07.07.04	other organic solvents, washing liquids and mother liquors
14.01.03	other solvents and solvent mixes
14.01.05	aqueous solvent mixes free of halogens
14.01.07	sludges or solid wastes free of halogenated solvents
14.02.02	solvent mixes or organic liquids free of halogenated solvents
14.02.04	sludges or solid wastes containing other solvents
14.03.03	solvents and solvent mixes free of halogenated solvents
14.03.05	sludges or solid wastes containing other solvents
14.04.03	other solvents and solvent mixes
14.04.05	sludges or solid wastes containing other solvents
14.05.03	other solvents and solvent mixes
14.05.05	sludges containing other solvents
20.01.13	solvents
01.2 Acid, alkaline or saline wastes	
01.21 Acid wastes	
0 Non-hazardous	
11.01.04	cyanide-free wastes not containing chromium
20.01.14	acids
1 Hazardous	
06.01.01	sulphuric acid and sulphurous acid
06.01.02	hydrochloric acid
06.01.03	hydrofluoric acid
06.01.04	phosphoric and phosphorous acid
06.01.05	nitric acid and nitrous acid
06.01.99	waste not otherwise specified
09.01.04	fixer solutions
09.01.05	bleach solutions and bleach fixer solutions
10.01.09	sulphuric acid
11.01.03	cyanide-free wastes containing chromium
11.01.05	acidic pickling solutions
11.01.06	acids not otherwise specified
16.06.06	electrolyte from batteries and accumulators
01.22 Alkaline wastes	
0 Non-hazardous	
20.01.15	alkalines
1 Hazardous	
06.02.01	calcium hydroxide
06.02.02	soda
06.02.03	ammonia
06.02.99	wastes not otherwise specified
09.01.01	water based developer and activator solutions
09.01.02	water based offset plate developer solutions
09.01.03	solvent based developer solutions
11.01.01	cyanidic (alkaline) wastes containing heavy metals other than chromium

- 11.01.02 cyanidic (alkaline) wastes which do not contain heavy metals
- 11.01.07 alkalis not otherwise specified
- 11.03.01 wastes containing cyanide
- 19.02.01 metal hydroxide sludges and other sludges from metal insolubilisation treatment

01.23 Saline solutions

0 Non-hazardous

- 06.03.02 saline solutions containing sulphates, sulphites or sulphides
- 06.03.04 saline solutions containing chlorides, fluorides and halides
- 06.03.06 saline solutions containing phosphates and related solid salts
- 06.03.08 saline solutions containing nitrates and related compounds

1 Hazardous

- 10.06.05 waste from electrolytic refining

01.24 Other saline wastes

0 Non-hazardous

- 01.04.04 waste from potash and rock salt processing
- 01.05.02 barite-containing drilling muds and wastes
- 01.05.03 chloride-containing drilling muds and wastes
- 01.05.99 wastes not otherwise specified
- 05.05.01 waste containing sulphur
- 05.07.02 wastes containing sulphur
- 06.03.01 carbonates (except 02 04 02 and 19 10 03)
- 06.03.03 solid salts containing sulphates, sulphites or sulphides
- 06.03.05 solid salts containing chlorides, fluorides and other halogenated solid salts
- 06.03.07 phosphates and related solid salts
- 06.03.09 solid salts containing nitrides (nitrometallic)
- 06.03.10 solid salts containing ammonium
- 06.03.12 salts and solutions containing organic compounds
- 06.03.99 wastes not otherwise specified
- 06.04.01 metallic oxides
- 06.04.99 wastes not otherwise specified
- 06.06.01 waste containing sulphur
- 11.02.01 sludges from copper hydrometallurgy

1 Hazardous

- 06.03.11 salts and solutions containing cyanides
- 06.04.02 metallic salts (except 06 03 00)
- 06.04.03 wastes containing arsenic
- 06.04.04 wastes containing mercury
- 06.04.05 wastes containing other heavy metals
- 10.03.08 salt slags from secondary smelting
- 10.03.10 waste from treatment of salt slags and black drosses treatment
- 11.01.08 phosphatizing sludges
- 11.02.02 sludges from zinc hydrometallurgy (including jarosite, goethite)
- 11.03.02 other wastes

01.3 Used oils

01.31 Used motor oils

1 Hazardous

- 13.02.01 chlorinated engine, gear and lubricating oils
- 13.02.02 non-chlorinated engine, gear and lubricating oils
- 13.02.03 other engine, gear and lubricating oils

01.32 Other used oils

0 Non-hazardous

- 01.05.01 oil-containing drilling muds and wastes
- 05.01.02 desalted sludges
- 05.01.06 sludges from plant, equipment and maintenance operations
- 12.02.02 sludges from grinding, honing and lapping
- 12.02.03 polishing sludges
- 12.02.99 wastes not otherwise specified

1 Hazardous

- 05.01.03 tank bottom sludges
- 05.01.04 acid alkyl sludges
- 12.01.06 waste machining oils containing halogens (not emulsioned)
- 12.01.07 waste machining oils free of halogens (not emulsioned)
- 12.01.08 waste machining emulsions containing halogens
- 12.01.09 waste machining emulsions free of halogens
- 12.01.10 synthetic machining oils
- 12.01.11 machining sludges
- 12.01.12 spent waxes and fats
- 13.01.01 hydraulic oils, containing PCBs or PCTs
- 13.01.02 other chlorinated hydraulic oils (not emulsions)
- 13.01.03 non chlorinated hydraulic oils (not emulsions)
- 13.01.04 chlorinated emulsions
- 13.01.05 non chlorinated emulsions
- 13.01.06 hydraulic oils containing only mineral oil
- 13.01.07 other hydraulic oils
- 13.01.08 brake fluids
- 13.03.01 insulating or heat transmission oils and other liquids containing PCBs or PCTs
- 13.03.02 other chlorinated insulating and heat transmission oils and other liquids
- 13.03.03 non-chlorinated insulating and heat transmission oils and other liquids
- 13.03.04 synthetic insulating and heat transmission oils and other liquids
- 13.03.05 mineral insulating and heat transmission oils
- 13.06.01 oil waste not otherwise specified

01.4 Spent chemical catalysts

01.41 Spent chemical catalysts

0 Non-hazardous

- 05.03.01 spent catalysts containing precious metals
- 05.03.02 other spent catalysts
- 06.12.01 spent catalysts containing precious metals
- 06.12.02 other spent catalysts

07.01.05	spent catalysts containing precious metals
07.01.06	other spent catalysts
07.02.05	spent catalysts containing precious metals
07.02.06	other spent catalysts
07.03.05	spent catalysts containing precious metals
07.03.06	other spent catalysts
07.04.05	spent catalysts containing precious metals
07.04.06	other spent catalysts
07.05.05	spent catalysts containing precious metals
07.05.06	other spent catalysts
07.06.05	spent catalysts containing precious metals
07.06.06	other spent catalysts
07.07.05	spent catalysts containing precious metals
07.07.06	other spent catalysts
10.01.10	spent catalysts eg from removal of NO _x
19.01.09	spent catalysts eg from NO _x removal

02 Chemical preparation wastes

02.1 Off-specification chemical wastes

02.11 Agrochemical product wastes

1 Hazardous

02.01.05	agrochemical wastes
06.13.01	inorganic pesticides, biocides and wood preserving agents
20.01.19	pesticides

02.12 Unused medicines

0 Non-hazardous

18.01.05	discarded chemicals and medicines
20.01.18	medicines

02.13 Paints, varnish, inks and adhesive wastes

0 Non-hazardous

03.01.99	wastes not otherwise specified
04.02.13	dye stuffs and pigments
08.01.03	waste from water-based paints and varnishes
08.01.04	powder paints
08.01.05	hardened paints and varnishes
08.01.08	aqueous sludges containing paint or varnish
08.01.09	waste from paint or varnish removal (except 08 01 05 and 08 01 06)
08.01.10	aqueous suspensions containing paint or varnish
08.01.99	wastes not otherwise specified
08.02.01	waste coating powders
08.02.99	wastes not otherwise specified
08.03.03	waste from water-based ink
08.03.04	dried ink
08.03.07	aqueous sludges containing ink
08.03.08	aqueous liquid waste containing ink

	08.03.09	waste printing toner (including cartridges)
	08.03.99	wastes not otherwise specified
	08.04.03	wastes from water-based adhesives and sealants
	08.04.04	hardened adhesives and sealants
	08.04.07	aqueous sludges containing adhesives and sealants
	08.04.08	aqueous liquid wastes containing adhesives and sealants
	08.04.99	wastes not otherwise specified
1 Hazardous		
	08.01.01	waste paints and varnish containing halogenated solvents
	08.01.02	waste paints and varnish free of halogenated solvents
	08.01.06	sludges from paint or varnish removal containing halogenated solvents
	08.01.07	sludges from paint or varnish removal free of halogenated solvents
	08.03.01	waste ink containing halogenated solvents
	08.03.02	waste ink free of halogenated solvents
	08.03.05	ink sludges containing halogenated solvents
	08.03.06	ink sludges free of halogenated solvents
	08.04.01	waste adhesives and sealants containing halogenated solvents
	08.04.02	waste adhesives and sealants free of halogenated solvents
	08.04.05	adhesives and sealants sludges containing halogenated solvents
	08.04.06	adhesives and sealants sludges free of halogenated solvents
	20.01.12	paint, inks, adhesives and resins
02.14 Other chemical preparation wastes		
0 Non-hazardous		
	02.03.02	wastes from preserving agents
	02.06.02	wastes from preserving agents
	02.07.03	waste from chemical treatment
	03.03.03	bleaching sludges from hypochlorite and chlorine processes
	03.03.04	bleaching sludges from other bleaching processes
	06.06.99	wastes not otherwise specified
	06.07.99	wastes not otherwise specified
	06.08.01	wastes from production of silicon and silicon derivatives
	06.09.99	wastes not otherwise specified
	06.10.01	waste from nitrogen chemical processes and fertilizer manufacture
	06.11.99	wastes not otherwise specified
	06.13.99	wastes not otherwise specified
	09.01.07	photographic film and paper containing silver or silver compounds
	16.05.01	industrial gases in high pressure cylinders, LPG containers and industrial aerosol containers (including halons)
	20.01.16	detergents
	20.01.22	aerosols
1 Hazardous		
	03.02.01	non-halogenated organic wood preservatives
	03.02.02	organochlorinated wood preservatives
	03.02.03	organometallic wood preservatives
	03.02.04	inorganic wood preservatives

	05.07.01	sludges containing mercury
	18.02.04	discarded chemicals
	20.01.17	photo chemicals
02.2	Unused explosives	
	02.21	Waste explosives and pyrotechnical products
	1	Hazardous
	16.04.02	fireworks waste
	16.04.03	other waste explosives
	02.22	Waste ammunition
	1	Hazardous
	16.04.01	waste ammunition
02.3	Mixed chemical wastes	
	02.31	Minor mixed chemical wastes
	0	Non-hazardous
	16.05.02	other waste containing inorganic chemicals, e.g. lab chemicals not otherwise specified, fire extinguishing powders
	16.05.03	other waste containing organic chemicals, eg lab chemicals not otherwise specified
	02.32	Chemical wastes mixed for treatment
	0	Non-hazardous
	19.02.02	premixed wastes for final disposal
	02.33	Packaging polluted by hazardous substances

03 Other chemical wastes

03.1	Chemical deposits and residues	
	03.11	Tars and carbonaceous wastes
	0	Non-hazardous
	05.06.02	asphalt
	05.06.99	wastes not otherwise specified
	06.13.03	carbon black
	10.03.02	anode scraps
	11.02.03	wastes from the production of anodes for aqueous electrolytical processes
	1	Hazardous
	05.01.07	acid tars
	05.01.08	other tars
	05.06.01	acid tars
	05.06.03	other tars
	05.08.02	acid tars
	05.08.03	other tars
	10.03.01	tars and other carbon-containing wastes from anode manufacture
	03.12	Oils/water emulsions sludges
	1	Hazardous
	13.04.01	bilge oils from inland navigation
	13.04.02	bilge oils from jetty sewers
	13.04.03	bilge oils from other navigation

13.05.01	oil/water separator solids
13.05.02	oil/water separator sludges
13.05.03	interceptor sludges
13.05.04	desalter sludges or emulsions
13.05.05	other emulsions
16.07.01	waste from marine transport tank cleaning, containing chemicals
16.07.04	waste from railway and road transport tank cleaning containing chemicals
16.07.05	waste from storage tank cleaning, containing chemicals
03.13 Chemical reaction residues	
0 Non-hazardous	
03.03.02	dregs and green liquor sludge (from black liquor treatment)
04.01.04	tanning liquor containing chromium
04.01.05	tanning liquor free of chromium
07.01.99	wastes not otherwise specified
07.02.99	wastes not otherwise specified
07.03.99	wastes not otherwise specified
07.04.99	wastes not otherwise specified
07.05.99	wastes not otherwise specified
07.06.99	wastes not otherwise specified
07.07.99	wastes not otherwise specified
1 Hazardous	
07.01.01	aqueous washing liquids and mother liquors
07.01.07	halogenated still bottoms and reaction residues
07.01.08	other still bottoms and reaction residues
07.02.01	aqueous washing liquids and mother liquors
07.02.07	halogenated still bottoms and reaction residues
07.02.08	other still bottoms and reaction residues
07.03.01	aqueous washing liquids and mother liquors
07.03.07	halogenated still bottoms and reaction residues
07.03.08	other still bottoms and reaction residues
07.04.01	aqueous washing liquids and mother liquors
07.04.07	halogenated still bottoms and reaction residues
07.04.08	other still bottoms and reaction residues
07.05.01	aqueous washing liquids and mother liquors
07.05.07	halogenated still bottoms and reaction residues
07.05.08	other still bottoms and reaction residues
07.06.01	aqueous washing liquids and mother liquors
07.06.07	halogenated still bottoms and reaction residues
07.06.08	other still bottoms and reaction residues
07.07.01	aqueous washing liquids and mother liquors
07.07.07	halogenated still bottoms and reaction residues
07.07.08	other still bottoms and reaction residues
19.04.03	non-vitrified solid phase
03.14 Spent filtration and absorbent materials	
0 Non-hazardous	
19.09.03	sludges from decarbonation
19.09.04	spent activated carbon

	19.09.05	saturated or spent ion exchange resins
	19.09.06	solutions and sludges from regeneration of ion exchangers
1 Hazardous		
	05.04.01	spent filter clays
	05.08.01	spent filter clays
	06.07.02	activated carbon from chlorine production
	06.13.02	spent activated carbon (except 06 07 02)
	07.01.09	halogenated filter cakes, spent absorbents
	07.01.10	other filter cakes, spent absorbents
	07.02.09	halogenated filter cakes, spent absorbents
	07.02.10	other filter cakes, spent absorbents
	07.03.09	halogenated filter cakes, spent absorbents
	07.03.10	other filter cakes, spent absorbents
	07.04.09	halogenated filter cakes, spent absorbents
	07.04.10	other filter cakes, spent absorbents
	07.05.09	halogenated filter cakes, spent absorbents
	07.05.10	other filter cakes, spent absorbents
	07.06.09	halogenated filter cakes, spent absorbents
	07.06.10	other filter cakes, spent absorbents
	07.07.09	halogenated filter cakes, spent absorbents
	07.07.10	other filter cakes, spent absorbents
	19.01.05	filter cake from gas treatment
	19.08.06	saturated or spent ion exchange resins
	19.08.07	solutions and sludges from regeneration of ion exchangers
03.2 Industrial effluent sludges		
03.21 Sludges from industrial processes and effluent treatment		
0 Non-hazardous		
	03.03.05	de-inking sludges from paper recycling
	04.01.06	sludges containing chromium
	04.01.07	sludges free of chromium
	04.02.99	wastes not otherwise specified
	05.01.01	sludges from on-site effluent treatment
	06.05.01	sludges from on-site effluent treatment
	07.01.02	sludges from on-site effluent treatment
	07.02.02	sludges from on-site effluent treatment
	07.03.02	sludges from on-site effluent treatment
	07.04.02	sludges from on-site effluent treatment
	07.05.02	sludges from on-site effluent treatment
	07.06.02	sludges from on-site effluent treatment
	07.07.02	sludges from on site effluent treatment
	11.02.04	sludges not otherwise specified
	19.06.01	anaerobic treatment sludges of municipal and similar wastes
	19.06.02	anaerobic treatment sludges of animal and vegetal wastes
	19.06.99	wastes not otherwise specified
	19.07.01	landfill leachate
03.22 Sludges containing hydrocarbons		
0 Non-hazardous		
	05.01.99	wastes not otherwise specified

	05.05.99	wastes not otherwise specified
	05.07.99	wastes not otherwise specified
	05.08.99	wastes not otherwise specified
1 Hazardous		
	05.08.04	aqueous liquid waste from oil regeneration
	12.03.01	aqueous washing liquids
	12.03.02	steam degreasing wastes
	16.07.02	waste from marine transport tank cleaning, containing oil
	16.07.03	waste from railway and road transport tank cleaning containing oil
	16.07.06	waste from storage tank cleaning, containing oil
	19.08.03	grease and oil mixture from oil/waste water separation
04 Radioactive wastes		
04.1 Nuclear waste		
04.11 Nuclear wastes		
04.2 Spent ionising sources		
04.21 Spent ionising sources		
04.3 Equipment and products contaminated by radioactivity		
04.31 Equipment and products contaminated by radioactivity		
04.4 Soils contaminated by radioactivity		
04.41 Soils contaminated by radioactivity		
05 Health care and biological wastes		
05.1 Infectious health care wastes		
05.11 Human infectious health care wastes		
0 Non-hazardous		
18.01.02	body parts and organs including blood bags and blood preserves	
1 Hazardous		
18.01.03	other wastes whose collection and disposal is subject to special requirements in view of the prevention of infection	
05.12 Animal infectious health care wastes		
0 Non-hazardous		
18.01.01	sharps	
18.02.01	sharps	
05.2 Non-infectious health care wastes		
05.21 Non-infectious human health care wastes		
05.22 Non-infectious animal health care wastes		
05.3 Genetic engineering wastes		
05.31 Genetic engineering wastes		
1 Hazardous		
18.02.02	other wastes whose collection and disposal is subject to special requirements in view of the prevention of infection	
06 Metallic wastes		
06.1 Ferrous metal waste and scrap		
06.11 Ferrous metal waste and scrap		
0 Non-hazardous		

	10.12.06	discarded moulds
	12.01.01	ferrous metal filings and turnings
	12.01.02	other ferrous metals particles
	17.04.05	iron and steel
	19.01.02	ferrous materials removed from bottom ash
06.2	Non-ferrous metal waste and scrap	
	06.21	Waste precious metal
	1	Hazardous
	09.01.06	waste containing silver from on-site treatment of photographic waste
	06.22	Waste aluminium packaging
	06.23	Other waste aluminium
	0	Non-hazardous
	17.04.02	aluminium
	06.24	Copper waste
	0	No-hazardous
	17.04.01	copper, bronze, brass
	17.04.08	cables
	06.25	Lead waste
	0	Non-hazardous
	17.04.03	lead
	06.26	Other metal wastes
	0	Non-hazardous
	12.01.03	non-ferrous metal filings and turnings
	12.01.04	other non-ferrous metal particules
	17.04.04	zinc
	17.04.06	tin
06.3	Mixed metal wastes	
	06.31	Mixed metallic packaging
	0	Non-hazardous
	15.01.04	metallic
	20.01.05	small metals (cans etc)
	20.01.06	other metals
	06.32	Other mixed metallic wastes
	0	Non-hazardous
	10.10.99	wastes not otherwise specified
	17.04.07	mixed metals

07 Non-metallic wastes

07.1	Glass wastes	
	07.11	Glass packaging
	0	Non-hazardous
	20.01.02	glass
	07.12	Other glass wastes
	0	Non-hazardous
	10.11.02	waste glass
	17.02.02	glass
07.2	Paper and cardboard wastes	

07.21	Waste paper and cardboard packaging	
	0 Non-hazardous	
	15.01.01	paper and cardboard
07.22	Waste composite packaging carton	
07.23	Other paper and cardboard wastes	
	0 Non-hazardous	
	03.03.06	fibre and paper sludge
	03.03.99	wastes not otherwise specified
	20.01.01	paper and cardboard
07.3	Rubber wastes	
07.31	Used tyres	
	0 Non-hazardous	
	16.01.03	used tyres
07.32	Other rubber wastes	
07.4	Plastic wastes	
07.41	Plastic packaging wastes	
	0 Non-hazardous	
	15.01.02	plastic
07.42	Other plastic wastes	
	0 Non-hazardous	
	02.01.04	waste plastics (excluding packaging)
	12.01.05	plastics particles
	16.02.07	waste from the plastic convertor industry
	17.02.03	plastic
	20.01.03	small plastics
	20.01.04	other plastics
07.5	Wood wastes	
07.51	Wood packaging	
	0 Non-hazardous	
	15.01.03	wooden
07.52	Sawdust and shavings	
	0 Non-hazardous	
	03.01.02	sawdust
	03.01.03	shavings, cuttings, spoiled timber/particle board/veneer
07.53	Other wood wastes	
	0 Non-hazardous	
	03.01.01	waste bark and cork
	03.03.01	bark
	17.02.01	wood
	20.01.07	wood
07.6	Textile wastes	
07.61	Worn clothing	
07.62	Miscellaneous textiles wastes	
	0 Non-hazardous	
	04.02.01	wastes from unprocessed textile fibres and other natural fibrous substances mainly of vegetable origin
	04.02.02	wastes from unprocessed textile fibres mainly of animal origin
	04.02.03	wastes from unprocessed textile fibres mainly artificial or synthetic

	04.02.04	wastes from unprocessed mixed textile fibres before spinning and weaving
	04.02.05	wastes from processed textile fibres mainly of vegetable origin
	04.02.06	wastes from processed textile fibres mainly of animal origin
	04.02.07	wastes from processed textile fibres mainly of artificial or synthetic origin
	04.02.08	wastes from processed mixed textile fibres
	04.02.09	wastes from composite materials (impregnated textile, elastomer, plastomer)
	04.02.12	non-halogenated wastes from dressing and finishing
	15.02.01	absorbents, filter materials, wiping cloths, protective clothing
	20.01.10	clothes
	20.01.11	textiles
	1 Hazardous	
	04.02.11	halogenated wastes from dressing and finishing
07.63 Leather wastes		
	0 Non-hazardous	
	04.01.08	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
	04.01.09	wastes from dressing and finishing
	04.01.99	wastes not otherwise specified

08 Discarded equipment

08.1 Discarded vehicles

08.11 Discarded private cars

0 Non-hazardous

20.03.05 end of life vehicles

08.12 Other discarded vehicles

0 Non-hazardous

16.01.04 discarded vehicles

08.2 Discarded electrical and electronic equipment

08.21 Discarded major household equipment

08.22 Discarded minor household equipment

08.23 Other discarded electrical and electronic equipment

0 Non-hazardous

09.01.09 single-use cameras with batteries

09.01.10 single use cameras without batteries

16.02.02 other discarded electronic equipment (eg printed circuit boards)

20.01.24 electronic equipment (eg printed circuit boards)

08.3 Bulky household equipment

08.31 Bulky household equipment

08.4 Discarded machines and equipment components

08.41 Batteries and accumulators wastes

0 Non-hazardous

16.06.04 alkaline batteries

16.06.05 other batteries and accumulators

20.01.20 batteries

1 Hazardous

- 16.02.01 transformers and capacitors containing PCB or PCTs
- 16.06.01 lead batteries
- 16.06.02 Ni-Cd batteries
- 16.06.03 mercury dry cells
- 08.42 Spent catalytic equipment
 - 0 Non-hazardous
 - 16.01.01 catalysts removed from vehicles containing precious metals
 - 16.01.02 other catalysts removed from vehicles
- 08.43 Other discarded machines and equipment components
 - 0 Non-hazardous
 - 16.01.99 wastes not otherwise specified
 - 16.02.03 equipment containing chlorofluorocarbons
 - 16.02.05 other discarded equipment
 - 20.01.23 equipment containing chlorofluorocarbons
 - 1 Hazardous
 - 20.01.21 fluorescent tubes and other mercury containing waste

09 Animal and vegetal wastes

09.1 Waste of food preparation and products

09.11 Animal waste of food preparation and products

0 Non-hazardous

- 02.01.02 animal tissue waste
- 02.02.01 sludges from washing and cleaning
- 02.02.02 animal tissue waste
- 04.01.01 fleshings and lime split waste
- 04.01.02 liming waste
- 04.02.10 organic matter from natural products (eg. grease, wax)

09.12 Vegetal waste of food preparation and products

0 Non-hazardous

- 02.01.01 sludges from washing and cleaning
- 02.01.03 plant tissue waste
- 02.03.01 sludges from washing, cleaning, peeling, centrifuging and separation
- 02.03.04 materials unsuitable for consumption or processing
- 02.03.99 wastes not otherwise specified
- 02.04.99 wastes not otherwise specified
- 02.07.01 wastes from washing, cleaning and mechanical reduction of the raw material
- 02.07.05 sludges from on-site effluent treatment

09.13 Mixed waste of food preparation and products

0 Non-hazardous

- 02.01.99 wastes not otherwise specified
- 02.02.03 materials unsuitable for consumption or processing
- 02.02.99 wastes not otherwise specified
- 02.05.01 materials unsuitable for consumption or processing
- 02.05.99 wastes not otherwise specified
- 02.06.01 materials unsuitable for consumption or processing
- 02.07.04 materials unsuitable for consumption or processing

	20.01.08	organic compostable kitchen waste (including frying oil and kitchen waste from canteens and restaurants)
	20.01.09	oil and fat
09.2 Green wastes		
09.21 Green wastes		
0 Non-hazardous		
	02.01.07	waste from forestry exploitation
	20.02.01	compostable wastes
09.3 Slurry and manure		
09.31 Slurry and manure		
0 Non-hazardous		
	02.01.06	animal feces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site

10 Mixed ordinary wastes

10.1 Household and similar wastes		
10.11 Household wastes		
0 Non-hazardous		
	20.03.01	mixed municipal waste
10.12 Street cleaning wastes		
0 Non-hazardous		
	20.03.02	waste from markets
	20.03.03	street cleaning residues
10.2 Mixed and undifferentiated materials		
10.21 Mixed packaging		
0 Non-hazardous		
	15.01.06	mixed
10.22 Other mixed and undifferentiated materials		
0 Non-hazardous		
	02.06.99	wastes not otherwise specified
	02.07.99	wastes not otherwise specified
	09.01.08	photographic film and paper free of silver or silver compounds
	09.01.99	wastes not otherwise specified
	10.01.99	wastes not otherwise specified
	10.06.99	wastes not otherwise specified
	10.07.99	wastes not otherwise specified
	10.08.99	wastes not otherwise specified
	11.04.01	other inorganic wastes with metals not otherwise specified
	12.01.13	welding wastes
	12.01.99	wastes not otherwise specified
	12.02.01	spent blasting grit
	15.01.05	composite packaging
	16.03.01	inorganic off-specification batches
	16.03.02	organic off-specification batches
	16.07.07	solid wastes from ship cargoes
	16.07.99	waste not otherwise specified
	18.01.04	wastes whose collection and disposal is not subject to special requirements in view of the prevention of infection (eg dressing, plaster casts, linen, disposable clothing, diapers)

	18.02.03	wastes whose collection and disposal is not subject to special requirements in view of the prevention of infection
	19.04.04	aqueous liquid waste from vitrified waste tempering
10.3	Sorting residues	
10.31	Vehicle shredder wastes	
	0	Non-hazardous
	16.01.05	light fraction from automobile shredding
10.32	Other sorting residues	
	0	Non-hazardous
	03.03.07	rejects from paper and cardboard recycling
	16.02.08	shredder residues
	19.05.01	non-composted fraction of municipal and similar wastes
	19.05.02	non-composted fraction of animal and vegetable wastes
	19.05.03	off specification compost
	19.05.99	wastes not otherwise specified
	19.08.01	screenings

11 Common sludges

11.1	Waste water treatment sludges	
11.11	Sludges from treatment of public sewerage water	
	0	Non-hazardous
	19.08.05	sludges from treatment of urban waste water
11.12	Biodegradable sludges from treatment of other waste water	
	0	Non-hazardous
	02.02.04	sludges from on-site effluent treatment
	02.03.05	sludges from on-site effluent treatment
	02.04.03	sludges from on-site effluent treatment
	02.05.02	sludges from on-site effluent treatment
	02.06.03	sludges from on-site effluent treatment
	05.02.02	waste from cooling columns
	05.02.99	wastes not otherwise specified
	05.06.04	waste from cooling columns
	19.08.04	sludges from the treatment of industrial waste water
	19.08.99	wastes not otherwise specified
11.2	Sludges from purification of drinking and process water	
11.21	Sludges from purification of drinking and process water	
	0	Non-hazardous
	05.02.01	boiler feedwater sludges
	19.09.02	sludges from water clarification
	19.09.99	wastes not otherwise specified
11.3	Unpolluted dredging spoils	
11.31	Unpolluted dredging spoils	
	0	Non-hazardous
	17.05.02	dredging spoil
11.4	Cesspit contents	
11.41	Cesspit contents	
	0	Non-hazardous
	20.03.04	septic tank sludge

12 Mineral wastes

12.1 Construction and demolition wastes

12.11 Concrete, bricks and gypsum waste

0 Non-hazardous

- 10.12.99 wastes not otherwise specified
- 10.13.03 wastes from other cement-based composite materials
- 10.13.99 wastes not otherwise specified
- 17.01.01 concrete
- 17.01.02 bricks
- 17.01.04 gypsum based construction materials

12.12 Waste hydrocarbonised road-surfacing material

0 Non-hazardous

- 17.03.01 asphalt containing tar
- 17.03.02 asphalt (not containing tar)
- 17.03.03 tar and tar products

1 Hazardous

- 17.06.01 insulation materials containing asbestos

12.13 Mixed construction wastes

0 Non-hazardous

- 17.06.02 other insulation materials
- 17.07.01 mixed construction and demolition waste

12.2 Asbestos wastes

12.21 Asbestos wastes

0 Non-hazardous

- 10.13.02 wastes from asbestos-cement manufacture
- 16.02.04 discarded equipment containing free asbestos
- 16.02.06 wastes from the asbestos processing industry
- 17.01.05 asbestos based construction materials

1 Hazardous

- 06.07.01 wastes containing asbestos from electrolysis

12.3 Waste of naturally occurring minerals

12.31 Waste of naturally occurring minerals

0 Non-hazardous

- 01.01.01 waste from mineral metaliferous excavation
- 01.01.02 waste from mineral non-metaliferous excavation
- 01.02.01 waste from the dressing of metaliferous minerals
- 01.02.02 waste from the dressing of non-metaliferous minerals
- 01.03.01 tailings
- 01.03.02 dusty and powdery waste
- 01.03.03 red mud from the alumina production
- 01.03.99 wastes not otherwise specified
- 01.04.01 waste gravel and crushed rocks
- 01.04.02 waste sand and clays
- 01.04.03 dusty and powdery waste
- 01.04.05 waste from washing and cleaning of minerals
- 01.04.06 waste from stone cutting and sawing
- 01.04.99 wastes not otherwise specified

01.05.04	fresh-water drilling muds and wastes
02.04.01	soil from cleaning and washing beet
08.02.02	aqueous sludges containing ceramic materials
10.11.01	waste preparation mixture before thermal processing
10.12.01	waste preparation mixture before thermal processing
10.13.01	waste preparation mixture before thermal processing
17.05.01	soil and stones
19.01.99	wastes not otherwise specified
19.08.02	wastes from desanding
19.09.01	solid wastes from primary filtration and screening
20.02.02	soil and stones
20.02.03	other non-compostable wastes

12.4 Combustion wastes

12.41 Waste from flue gas purification

0 Non-hazardous

10.01.05	calcium based reaction wastes from flue gas desulphurisation in solid form
10.01.06	other solid wastes from gas treatment
10.01.07	calcium based reaction wastes from flue gas desulphurisation in sludge form
10.01.08	other sludges from gas treatment
10.02.03	solid wastes from gas treatment
10.02.04	sludges from gas treatment
10.03.11	flue gas dust
10.03.13	solid waste from gas treatment
10.03.14	sludges from gas treatment
10.07.03	solid waste from gas treatment
10.07.05	sludges from gas treatment
10.08.03	flue gas dust
10.08.05	solid waste from gas treatment
10.08.06	sludges from gas treatment
10.11.04	flue gas dust
10.11.06	solid waste from gas treatment
10.11.07	sludges from gas treatment
10.12.02	flue gas dust
10.12.05	sludges from gas treatment
10.13.05	solid waste from gas treatment
10.13.07	sludges from gas treatment

1 Hazardous

10.04.04	flue gas dust
10.04.06	solid waste from gas treatment
10.04.07	sludges from gas treatment
10.05.03	flue gas dust
10.05.05	solid waste from gas treatment
10.05.06	sludges from gas treatment
10.06.03	flue gas dust
10.06.06	solid waste from gas treatment
10.06.07	sludges from gas treatment

- 19.01.06 aqueous liquid waste from gas treatment and other aqueous liquid wastes
- 19.01.07 solid waste from gas treatment
- 19.04.02 fly ash and other flue gas treatment wastes
- 12.42 Slags and ashes from thermal treatment and combustion
 - 0 Non-hazardous
 - 06.09.02 phosphorous slag
 - 10.01.01 bottom ash
 - 10.01.02 coal fly ash
 - 10.01.03 peat fly ash
 - 10.01.11 aqueous sludges from boiler cleansing
 - 10.02.01 waste from the processing of slag
 - 10.02.02 unprocessed slag
 - 10.02.05 other sludges
 - 10.03.12 other particulates and dust (including ball mill dust)
 - 10.03.99 wastes not otherwise specified
 - 10.05.04 other particulates and dust
 - 10.06.01 slags (first and second smelting)
 - 10.06.02 dross and skimmings (first and second smelting)
 - 10.06.04 other particulates and dust
 - 10.07.01 slags (first and second smelting)
 - 10.07.02 dross and skimmings (first and second smelting)
 - 10.07.04 other particulates and dust
 - 10.08.01 slags (first and second smelting)
 - 10.08.02 dross and skimmings (first and second smelting)
 - 10.08.04 other particulates and dust
 - 10.09.03 furnace slag
 - 10.10.03 furnace slag
 - 10.10.04 furnace dust
 - 10.11.05 other particulates and dust
 - 10.12.03 other particulates and dust
 - 10.12.04 solid waste from gas treatment
 - 19.01.01 bottom ash and slag
 - 19.01.08 pyrolysis wastes
 - 1 Hazardous
 - 10.01.04 oil fly ash
 - 10.03.03 skimmings
 - 10.03.04 primary smelting slags/white drosses
 - 10.03.09 black drosses from secondary smelting
 - 10.04.01 slags (first and second smelting)
 - 10.04.02 dross and skimmings (first and second smelting)
 - 10.04.03 calcium arsenate
 - 10.04.05 other particulates and dust
 - 10.05.01 slags (first and second smelting)
 - 10.05.02 dross and skimmings (first and second smelting)
 - 19.01.03 fly ash
 - 19.01.04 boiler dust

12.5 Various mineral wastes

12.51 Artificial mineral wastes

0 Non-hazardous

- 02.04.02 off specification calcium carbonate
- 02.07.02 wastes from spirits distillation
- 06.09.01 phosphogypsum
- 06.11.01 gypsum from titanium dioxide production
- 08.02.03 aqueous suspensions containing ceramic materials
- 10.02.99 wastes not otherwise specified
- 10.03.05 alumina dust
- 10.04.99 wastes not otherwise specified
- 10.05.99 wastes not otherwise specified
- 10.11.03 waste glass-based fibrous materials
- 10.11.99 wastes not otherwise specified
- 10.13.04 waste from calcination and hydration of lime
- 10.13.06 other particulates and dust
- 17.01.03 tiles and ceramics

12.52 Waste refractory materials

0 Non-hazardous

- 10.01.12 spent linings and refractories
- 10.02.06 spent linings and refractories
- 10.03.06 used carbon strips and fireproof materials from electrolysis
- 10.04.08 spent linings and refractories
- 10.05.07 spent linings and refractories
- 10.06.08 spent linings and refractories
- 10.07.06 spent linings and refractories
- 10.08.07 spent linings and refractories
- 10.09.01 casting cores and moulds containing organic binders which have not undergone pouring
- 10.09.02 casting cores and moulds containing organic binders which have undergone pouring
- 10.09.04 furnace dust
- 10.09.99 wastes not otherwise specified
- 10.10.01 casting cores and moulds containing organic binders which have not undergone pouring
- 10.10.02 casting cores and moulds containing organic binders which have undergone pouring
- 10.11.08 spent linings and refractories
- 10.12.07 spent linings and refractories
- 10.13.08 spent linings and refractories

1 Hazardous

- 10.03.07 spent pot linings
- 19.01.10 spent activated carbon from flue gas treatment

12.6 Contaminated soils and polluted dredging spoils

12.61 Polluted soils and rubble

1 Hazardous

- 05.01.05 oil spills

12.62 Polluted dredging spoils

13 Solidified, stabilised or vitrified waste

13.1 Solidified or stabilised waste

13.11 Solidified or stabilised waste

0 Non-hazardous

19.03.01 wastes stabilized/solidified with hydraulic binders

19.03.02 wastes stabilized/solidified with organic binders

19.03.03 wastes stabilized by biological treatment

13.2 Vitrified wastes

13.21 Vitrified wastes

0 Non-hazardous

19.04.01 vitrified wastes

Note: Hazardous wastes positions have been classified according to Council Decision 94/904/EC (22 December 1994) OJ L 356, 31 December 1994, p. 14.²⁶

²⁶ OJ L 356, 31 December 1994, p. 14

FINANCIAL STATEMENT

1. TITLE OF OPERATION

Draft European Parliament and Council Regulation on Waste Statistics concerning waste generation, collection, recovery and disposal.

2. BUDGET HEADING(S) INVOLVED

B4-3 0 4 and B5-6 0 0

3. LEGAL BASIS

Article 285 of the Treaty establishing the European Community

4. DESCRIPTION OF OPERATION

4.1 General objective

The general objective of the European Parliament and Council Regulation is to establish a Community statistical infrastructure on waste generation, collection, recovery, and disposal in the Member States.

The Regulation includes pilot projects, which will be carried out by Member States. The results of these surveys may amend the Regulation.

4.2 Period covered and arrangements for renewal

From the point of data collection periodicity, waste statistics consists out of two parts:

- (A) The data collection on waste incineration and final disposal by specialist waste disposal operators will be done yearly, starting for the reference year, which is two years after publication of the Regulation in the Official Journal of the European Communities.
- (B) The data collection on waste generation, collection and recovery and waste incineration and final disposal other than by specialist waste disposal operators will be produced every third year, starting for the reference year, which is two years after publication of the Regulation in the Official Journal of the European Communities.

5. CLASSIFICATION OF EXPENDITURE OR REVENUE

5.1 Compulsory/Non-compulsory expenditure

5.2 Differentiated/Non-differentiated appropriations

5.3 Type of revenue involved

Sale of publications.

6. TYPE OF EXPENDITURE OR REVENUE

Subsidy:

Community contribution to the collection and preparation of data. The Community contribution can cover only a small part of costs for surveys, utilisation of administrative data and development of software tools.

The pilot projects will be financed by the Community up to 100% of the costs for conducting the surveys.

7. FINANCIAL IMPACT

7.1 Method of calculating total cost of operation (relation between individual and total costs)

Costs will arise at the level of three different types of institutions: for businesses for giving information, for statistical offices in the Member States for collecting, preparing and reporting data (on national level and for the Commission) and for Eurostat for data preparation and reporting at European level.

The following activities in the Member States are necessary for the implementation:

- Utilisation of administrative sources and development of an information system on waste data;
- Survey on waste generation and collection (possibly);
- Survey on waste recovery and disposal (possibly);
- Specific pilot studies (voluntary)
- Information Technology hardware; and
- Processing of data and development of software tools.

Eurostat will support the necessary activities in the Member States as specified in the table below. The support takes into consideration the sequence of data reporting foreseen (annually for waste disposal and once in the three years for waste generation, collection and recovery).

Eurostat's costs:

For the development of the waste statistic system (including development of software, procedures for data validation and analysis, routinization of data change, methodological help to Member States, etc.) Eurostat requires 500 k€. For the regular production of the statistics, after the development of the system, 70 k€ is required every 3-year period starting in 2005. And for the conducting of the pilot studies Eurostat requires 1 500 k€.

According to an agreement with DG ENV (budgetline B4-304), 50% of the total costs (2070 k€) is financed by DG ENV.

7.2 Itemised breakdown of cost

Commitment appropriations EUR million (at current prices)

Breakdown	year n	n+1	n+2	n+3	n+4	n+5	n+6	Total (n – n+6)
Eurostat's costs for the development of the waste statistic system (including development of software, procedures for data validation and analysis, routinization of data exchange, methodological help to Member States, etc.)	0,05	0,10	0,10	0,25				0,50
Regular production (collection, validation, dissemination)								
Yearly collection (disposal)							0,01	0,02
Three-yearly collection					0,01	0,05		0,05
Pilot Studies		0,30	0,30	0,30	0,30	0,30		1,50
Total	0.05	0.40	0.40	0.55	0.31	0.35	0,01	2,07

7.3 Operational expenditure for studies, experts etc. included in Part B of the budget

Commitment appropriations EUR million (at current prices)

	year n	n+1	n+2	n+3	n+4	n+5 and subs. yrs	Total
– Studies							
– Meetings of experts ²⁷							
– Information and publications							
Total							

7.4 Schedule of commitment and payment appropriations

EUR million

	year n	n+1	n+2	n+3	n+4	n+5	n+6	Total (n – n+6)
Commitment appropriations	0.05	0.40	0.40	0.55	0.31	0.35	0,01	2,07
Payment appropriations								
year n	0,03							
n+1	0,02	0,29						
n+2		0,11	0,29					
n+3			0,11	0,44				
n+4				0,11	0,25			
n+5					0,06	0,29		
n+6						0,06	0,01	
Total	0,05	0,40	0,40	0,55	0,31	0,35	0,01	2,07

8. FRAUD PREVENTION MEASURES

Community contributions will be paid on the basis of contracts and agreements concluded by the Commission, and payments will be made on the basis of progress reports and after transmission and validation of the survey results.

Statistics are regarded as an objective instrument for evaluating and monitoring Community action programmes in statistical terms, and hence reinforce the anti-fraud measures.

²⁷ Costs satisfying the criteria in the Commission Communication of 22.4.1992 (SEC(92) 769).

9. ELEMENTS OF COST-EFFECTIVENESS ANALYSIS

9.1 Specific and quantified objectives; target population

- Specific objectives: links with general objective

The main objective of the Draft Regulation on Waste Statistics is to establish a harmonized information system on waste generation, collection, and disposal in the EU. This system will provide data for the monitoring of the EU policy on waste management. In particular, it will be possible to detect in detail the generated waste types together with the economic actors responsible for the generation and the destination of wastes. Disparities between countries regarding different relative waste amounts will permit the formulation of concrete national waste policy aims to ensure basic environmental conditions in all Member States and to fulfil the EU objectives.

Target population:

Community Institutions: Council, European Parliament, Commission etc.;

Member States;

General public (businesses, science, associations etc.)

9.2 Grounds for the operation

European waste statistics, based today on a very broad voluntary survey and on some reporting obligations in relation to specific waste topics (e.g. used oils) is completely insufficient for delivering usable information to improve waste management. Without a legal basis the most important obstacles for achieving comparable waste management data cannot be surmounted.

These obstacles are a result, above all, of differences regarding structure and development of waste management in Member States (as well as from the use of different waste category lists for waste statistics in the European Union). The differences are a consequence of two factors: “natural” disparities (urban and non-urban areas, highly industrialized and more agricultural areas) and political decisions (highly centralized waste management on regional or national level versus local waste management).

9.3 Monitoring and evaluation of the operation

The implementation of the regulation will be monitored in the context of Regulation (EC) No 322/97 on Community statistics and will follow the procedures therein.

The draft Regulation stipulates that Member States have to deliver regularly waste data according to certain formats and quality conditions. Finally, Eurostat has to submit a tri-annual report to the Council on the implementation of the Regulation.

10. ADMINISTRATIVE EXPENDITURE (SECTION III, PART A OF THE BUDGET)

Actual mobilization of the necessary administrative resources will depend on the Commission's annual decision on the allocation of resources, taking into account the number of staff and additional amounts authorized by the budgetary authority.

Requirements in terms of human and administrative resources are covered within the allocation granted to the managing services.

10.1 Effect on the number of posts

Type of post		Staff to be assigned to managing the operation		Source		Duration
		Permanent posts	Temporary posts	Existing resources in the DG or department concerned	Additional resources	
Officials or temporary staff	A	1		1		permanent
	B	1		1		
	C	--		--		
Other resources		1	1 (consultant)			
Total		3		3		

10.2 Overall financial impact of additional human resources

EUR

	Amounts	Method of calculation
Officials	216 000	2 x 108 000 per year 12 months x 6 500
Temporary staff		
Other resources (indicate budget heading)	78 000	
Total	294 000	

10.3 Increase in other administrative expenditure as a result of the operation

EUR

Budget heading	Amounts	Method of calculation
Total		

IMPACT ASSESSMENT FORM

THE IMPACT OF THE PROPOSAL ON BUSINESS WITH SPECIAL REFERENCE TO SMALL AND MEDIUM-SIZED ENTERPRISES(SMEs)

TITLE OF PROPOSAL

DRAFT EUROPEAN PARLIAMENT AND COUNCIL REGULATION ON WASTE
STATISTICS

DOCUMENT REFERENCE NUMBER

98015

INTRODUCTION

Compared with the original Commission proposal for the 'Council Regulation on Waste Management Statistics' (COM 1999,31 final), the revised version has been changed in order to reduce data requirements and to provide greater flexibility in data reporting. Some of the more difficult areas (import and export of waste, packaging waste, preparatory waste treatment methods) have been transferred to pilot studies, the results of which will help assess the relevance and feasibility of obtaining data in these areas. The pilot studies are voluntary for Member States.

The differences between the proposals are further described in the Explanatory Memorandum.

The effect of the revised version on enterprises is positive as it will lead to less burdensome reporting than the original proposal. The impact of the new proposal on business is further described below.

THE PROPOSAL

In order to carry out its tasks in the field of waste management as defined in the Fifth Environmental Action Programme and in the subsequent directives and regulations, the Commission needs to have comparable information on waste generated, waste recovered/recycled and waste finally disposed.

The statistical information available in the Member States is inadequate for the evaluation of the situation of waste management in most of the Member States. The available information is also inadequate for comparisons between Member States due to inconsistencies in definitions and classifications.

Most of the Member States are still building up waste control and information systems in accordance with national and European legislation. For this reason it is urgent to promote a clear definition of the information necessary at European level in order to avoid the establishment of information systems producing non-comparable data.

THE IMPACT ON BUSINESS

Three different data sets will be requested. These data sets are laid down in Annexes I and II of the revised draft Regulation and refer to different coverage of business sectors. This coverage is explained for each Annex as follows:

The business coverage for the topic 'generation of waste' (Annex I; 3-yearly reporting) includes all economic activities except the activities 'agriculture', 'hunting', 'fishing', 'forestry' and 'mining of uranium and thorium ores', according to NACE Rev 1 statistical classification of economic activities.

The business coverage for the topic 'recovery and disposal of waste' (Annex II) includes all recovery and disposal facilities which run a waste treatment operation and which belong to or are part of the economic activities as mentioned above. The reporting is annual for facilities which run the operations of incineration, co-combustion and landfilling (disposal) of waste as their main operating activity (specialists). For facilities running recovery operations or for which disposal operations are not their main activity (non-specialists), the reporting is 3-yearly. Facilities that run recycling operations for their own generated waste are excluded.

The Member States can acquire the data necessary for the fulfilment of the requirements of these statistics by means of surveys, administrative sources, or statistical estimation procedures. In cases where information on these treatment operations is already collected or will be collected in the near future by supervising authorities (either in accordance with EU legislation or in accordance with additional national legislation) there will be no additional burden on businesses.

In general it can be stated that it is principally administrations (municipalities, environmental protection agencies, waste control authorities) which are affected by the data collection activity connected to the revised draft Regulation on waste statistics. That means data have to be collected primarily from either administrations acting in the field of waste collection and treatment or from environmental control authorities.

Enterprises of less than 10 employees are excluded from the surveys, unless they contribute significantly to the generation of waste, according to Article 3, paragraph 2. As the revised draft Regulation on waste statistics does not request any data breakdown by employment or other size classes, there will be no necessity to cover all sizes of businesses. In general, the necessary data should be collected from large enterprises if no administrative sources are available. The waste generation of the SMEs can then be estimated under the assumption that the waste amounts are related to employment. The aim should be to reach the coverage criteria for each necessary survey by first including the large enterprises and then the medium and small enterprises.

The instrument 'coverage criteria' has been introduced to reduce the burden on businesses (responding to questionnaires) and to allow the National Statistical Institutes (NSIs) to act in a flexible and cost-efficient way.

Data have to be produced at NUTS 1 and 2 level for waste recovery and disposal. There is already EU legislation containing data requests for facilities which are treating hazardous and non-hazardous wastes. The data requests for the Waste Statistics Regulation can be based on this information if it is suitable.

The Member States are free to choose to use surveys. Businesses selected will be asked to give information concerning waste generated and/or waste recovered or disposed of.

As the Regulation on waste statistics aims to harmonise waste reporting in general and focuses above all on existing administrative information, Member States can choose to base their statistics on administrative data already furnished by businesses to the competent authorities.

A priority aim of the proposal is to deliver information on waste amounts produced by waste types, and information on waste recycling by corresponding waste types and waste treatment facilities. This information will give a coherent overview of existing waste management and its potential which are now nearly hidden. It will thus help to optimise investments in waste management facilities. Coherent information from structural business statistics and from waste statistics will make it possible to increase the efficiency of production and waste management.

As already stated, according to Article 3, paragraph 2, of the proposal, enterprises with less than 10 employees are excluded from surveys necessary to fulfil the reporting requirements. In specific cases the minimum coverage may not be reached without the inclusion of small enterprises (less than 10 employees). In most of these cases hazardous waste is involved, the notification of which has usually been given to the authorities; no extra burden on enterprises is then imposed. Economic activities where smaller enterprises could contribute significantly to the waste generation are for instance 'Recycling (Nace 37)', and several activities in Nace F-Q, for instance 'Building completion', 'Maintenance and repair of motor vehicles', 'Wholesale in waste and scrap', 'Industrial cleaning', and 'Photographic activities'. The proposed Regulation is constructed to ensure that administrative data should be used for waste statistics.

CONSULTATION

The following entities were consulted and positive comments received by them before adoption of the Commission proposal for the 'Council Regulation on Waste Management Statistics' (COM 1999,31 final): the SPC, DG ENV, the European Environment Agency (EEA) and the European Topic Centre on Waste (ETC/W);

The proposal was presented several times to the regular FEBI-FEBS-EUROSTAT meeting on statistical information.

'The Economic and Social Committee' adopted its opinion on 22 September 1999.