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► **B** REGULATION (EC) No 1445/2007 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

of 11 December 2007

establishing common rules for the provision of basic information on Purchasing Power Parities and for their calculation and dissemination

(Text with EEA relevance)

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**REGULATION (EC) No 1445/2007 OF THE EUROPEAN
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**establishing common rules for the provision of basic information on
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(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(1) thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Economic and Social
Committee ⁽¹⁾,

Acting in accordance with the procedure laid down in Article 251 of the
Treaty ⁽²⁾,

Whereas:

- (1) In order to obtain a direct comparison of Gross Domestic Product (GDP) in volume terms between Member States, it is essential for the Community to have Purchasing Power Parities (hereinafter referred to as ‘PPPs’) which eliminate the differences in the level of prices between Member States.
- (2) The Community PPPs need to be produced in accordance with a harmonised methodology, consistent with Council Regulation (EC) No 2223/96 of 25 June 1996 on the European system of national and regional accounts in the Community ⁽³⁾ which lays down a framework for the construction of national accounts in the Member States.
- (3) Member States are encouraged to produce data for regional PPPs.
- (4) Council Regulation (EC) No 1083/2006 of 11 July 2006 laying down general provisions on the European Regional Development Fund, the European Social Fund and the Cohesion Fund ⁽⁴⁾ provides that the regions eligible for funding from the Structural Funds under the convergence objective are to be regions corresponding to level 2 of the common classification of territorial units for statistics within the meaning of Regulation (EC) No 1059/2003 of the European Parliament and of the Council of 26 May 2003 on the establishment of a common classification of

⁽¹⁾ OJ C 318, 23.12.2006, p. 45.

⁽²⁾ Position of the European Parliament of 26 April 2007 (not yet published in the Official Journal) and Council Decision of 13 November 2007.

⁽³⁾ OJ L 310, 30.11.1996, p. 1. Regulation as last amended by Regulation (EC) No 1267/2003 of the European Parliament and of the Council (OJ L 180, 18.7.2003, p. 1).

⁽⁴⁾ OJ L 210, 31.7.2006, p. 25. Regulation as amended by Regulation (EC) No 1989/2006 (OJ L 411, 30.12.2006, p. 6).

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territorial units for statistics (NUTS) ⁽¹⁾. The GDP per capita of such regions, measured in PPPs and calculated on the basis of Community figures for the period 2000 to 2002, is less than 75 % of the average GDP of the EU-25 for the same reference period. In the absence of regional PPPs, national PPPs should serve to establish the list of regions which could benefit from the Structural Funds. National PPPs can also be used to determine the amount of funds to be allocated to each region.

- (5) Regulation (EC) No 1083/2006 provides that the Member States eligible for funding from the Cohesion Fund are to be those whose gross national income (GNI) per capita, measured in PPPs and calculated on the basis of Community figures for the period 2001 to 2003, is less than 90 % of the average GNI of the EU-25 and which have a programme for meeting the economic convergence conditions referred to in Article 104 of the Treaty.
- (6) Article 1 of Annex XI to the Staff Regulations of officials of the European Communities, laid down in Regulation (EEC, Euratom, ECSC) No 259/68 of the Council ⁽²⁾ (hereinafter referred to as ‘Staff Regulations’) provides that, for the purposes of the review provided for in Article 65(1) of the Staff Regulations, the Commission (Eurostat) are to draw up every year before the end of October a report on changes in the cost of living in Brussels, the economic parities between Brussels and certain places in the Member States, and changes in the purchasing power of salaries in national civil services in central government.
- (7) Every year the Commission (Eurostat) already collects basic information on PPPs from the Member States on a voluntary basis. This operation has become an established practice in the Member States. However, a legal framework is necessary to ensure the sustainable development, production and dissemination of PPPs.
- (8) Provision of preliminary results on a regular basis, as is currently the practice, should be maintained in order to keep the most recent possible figures available.
- (9) The measures necessary for the implementation of this Regulation should be adopted in accordance with Council Decision 1999/468/EC of 28 June 1999 laying down the procedures for the exercise of implementing powers conferred on the Commission ⁽³⁾.

⁽¹⁾ OJ L 154, 21.6.2003, p. 1. Regulation as last amended by Commission Regulation (EC) No 105/2007 (OJ L 39, 10.2.2007, p. 1).

⁽²⁾ OJ L 56, 4.3.1968, p. 1. Regulation as last amended by Regulation (EC, Euratom) No 1895/2006 (OJ L 397, 30.12.2006, p. 6).

⁽³⁾ OJ L 184, 17.7.1999, p. 23. Decision as amended by Decision 2006/512/EC (OJ L 200, 22.7.2006, p. 11).

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- (10) In particular, power should be conferred on the Commission to adapt the definitions, to adjust the basic headings in Annex II and to define quality criteria. Since those measures are of general scope and designed to amend non-essential elements of this Regulation, inter alia by supplementing it with new non-essential elements, they must be adopted in accordance with the regulatory procedure with scrutiny laid down in Article 5a of Decision 1999/468/EC.
- (11) Since the objective of this Regulation, namely the establishment of common rules for the provision of basic information on purchasing power parities and for their calculation and dissemination, cannot be sufficiently achieved by the Member States and can therefore be better achieved at Community level, the Community may adopt measures, in accordance with the principle of subsidiarity as set out in Article 5 of the Treaty. In accordance with the principle of proportionality, as set out in that Article, this Regulation does not go beyond what is necessary in order to achieve that objective.
- (12) The Statistical Programme Committee, established by Council Decision 89/382/EEC, Euratom ⁽¹⁾, has been consulted in accordance with Article 3 of that Decision,

HAVE ADOPTED THIS REGULATION:

Article 1

Objective

The objective of this Regulation is to establish common rules for the provision of basic information on PPPs, and for their calculation and dissemination.

Article 2

Scope

1. The basic information to be provided shall be those data necessary to calculate and ensure the quality of PPPs.

That basic information shall include prices, GDP expenditure weights and other data listed in Annex I.

Data shall be collected with the minimum frequency provided for in Annex I. More frequent collection of data shall take place only in exceptional and justified circumstances.

2. PPPs shall be calculated from the national annual average prices of goods and services, using basic information relating to the economic territory of the Member States as provided for by the European system of national and regional accounts in the Community (hereinafter referred to as 'ESA 95').

⁽¹⁾ OJ L 181, 28.6.1989, p. 47.

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3. PPPs shall be calculated in accordance with the basic headings as listed in Annex II, consistent with the related GDP classifications defined in Regulation (EC) No 2223/96.

*Article 3***Definitions**

For the purpose of this Regulation the following definitions shall apply:

- (a) 'Purchasing Power Parities' ('PPPs') shall mean spatial deflators and currency converters that eliminate the effects of the differences in price levels between Member States thus allowing volume comparisons of GDP components and comparisons of price levels.
- (b) 'Purchasing Power Standard' ('PPS') shall mean the artificial common reference currency unit used in the European Union to express the volume of economic aggregates for the purpose of spatial comparisons in such a way that price level differences between Member States are eliminated.
- (c) 'Prices' shall mean the purchaser prices paid by the final consumers.
- (d) 'Expenditure weights' shall mean the shares of expenditure components in current-price GDP.
- (e) 'Basic heading' shall mean the lowest level of aggregation of items in the GDP breakdown for which parities are calculated.
- (f) 'Items' shall mean goods or services precisely defined for use in price observation.
- (g) 'Actual and imputed rentals' shall have the meaning attributed to it in Commission Regulation (EC) No 1722/2005 ⁽¹⁾.
- (h) 'Compensation of employees' shall have the meaning attributed to it in Regulation (EC) No 2223/96.
- (i) 'Temporal adjustment factors' shall mean factors used to adjust average prices obtained at the time of survey to annual average prices.

⁽¹⁾ Commission Regulation (EC) No 1722/2005 of 20 October 2005 on the principles for estimating dwelling services for the purpose of Council Regulation (EC, Euratom) No 1287/2003 on the harmonisation of gross national income at market prices (OJ L 276, 21.10.2005, p. 5).

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- (j) ‘Spatial adjustment factors’ shall mean factors used to adjust average prices obtained from one or more locations within the economic territory of a Member State to national average prices.
- (k) ‘Representative items’ shall mean those which are, or are considered to be, in terms of relative total expenditure within a basic heading, among the most important items purchased in national markets.
- (l) ‘Representativity indicators’ shall mean markers or other indicators identifying those items that Member States have selected as representative.
- (m) ‘Equi-representativity’ shall mean a property required of the composition of the item list for a basic heading, each Member State being able to price that number of representative products which is commensurate with the heterogeneity of the products and price levels covered by the basic heading and its expenditure on the basic heading.
- (n) ‘Transitive’ shall mean the property whereby a direct comparison between any two Member States yields the same result as an indirect comparison via any other Member State.
- (o) ‘Mistake’ shall mean a use of incorrect basic information or an inappropriate application of the calculation procedure.
- (p) ‘Reference year’ shall mean a calendar year to which specific annual results refer.
- (q) ‘Fixity’ shall mean that when results are calculated originally for a group of Member States and then later the results are calculated for a wider group of Member States, the PPPs between the original group of Member States shall nevertheless be preserved.

*Article 4***Roles and responsibilities**

1. The Commission (Eurostat) shall be responsible for:
 - (a) coordinating the provision of the basic information;
 - (b) calculating and publishing PPPs;
 - (c) ensuring the quality of PPPs, in accordance with Article 7;
 - (d) developing and communicating methodology, in consultation with the Member States;

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- (e) ensuring that the Member States have the opportunity to comment on PPP results prior to publication and that due account be taken of any such comment; and
 - (f) drafting and disseminating the methodological manual referred to in point 1.1 of Annex I.
2. Member States shall follow the procedure set out in Annex I when providing basic information.

Member States shall provide written approval of the survey results for which they are responsible, once the process of data validation has been completed, as specified in point 5.2 of Annex I, within a period of no longer than one month.

Member States shall approve the data collection methodology and check the plausibility of data, including items of basic information provided by the Commission (Eurostat).

*Article 5***Transmission of basic information**

1. Member States shall transmit the basic information listed in Annex I to the Commission (Eurostat) in accordance with the existing Community provisions on transmission of data.
2. The basic information listed in Annex I shall be transmitted in the technical format and within the time periods specified in that Annex.
3. In cases where items of basic information are supplied to Member States by the Commission (Eurostat), the Commission shall transmit a method statement to enable the Member States to conduct a plausibility check.

*Article 6***Statistical units**

1. The basic information listed in Annex I shall be obtained either from statistical units as defined in Council Regulation (EEC) No 696/93 ⁽¹⁾ or from other sources which yield data meeting the quality requirements specified in point 5.1 of Annex I. Each Member State shall notify the type of the statistical unit or source to the Commission when transmitting the data.

⁽¹⁾ Council Regulation (EEC) No 696/93 of 15 March 1993 on the statistical units for the observation and analysis of the production system in the Community (OJ L 76, 30.3.1993, p. 1). Regulation as last amended by Regulation (EC) No 1882/2003 of the European Parliament and of the Council (OJ L 284, 31.10.2003, p. 1).

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2. The statistical units called upon by the Member States to provide data or to cooperate in data collection shall allow monitoring of the prices actually charged and shall give honest and complete information at the time it is requested.

*Article 7***Quality criteria and control**

1. The Commission (Eurostat) and the Member States shall set up a system for quality control based on reports and assessments as specified under point 5.3 of Annex I.

2. Member States shall provide the Commission (Eurostat), at its request, with all information necessary to evaluate the quality of the basic information listed in Annex I.

Member States shall also provide the Commission (Eurostat) with the details and the reasons for any subsequent changes in the methods used or any deviation from the methodological manual specified in Annex I.

3. Member States shall provide the Commission (Eurostat) with quality reports on the surveys for which they are responsible, as specified in Section 5 of Annex I.

4. The common criteria on which the quality control is based and the structure of the quality reports, as specified under point 5.3 of Annex I, shall be laid down in accordance with the regulatory procedure with scrutiny specified in Article 11(3).

*Article 8***Periodicity**

The Commission (Eurostat) shall calculate PPPs with reference to each calendar year.

*Article 9***Dissemination**

1. The Commission (Eurostat) shall publish the final annual results no later than 36 months after the end of the reference year.

Publication shall be based on data available to the Commission (Eurostat) no later than three months before the publication date.

Nothing in this paragraph shall affect the right of the Commission (Eurostat) to publish preliminary results earlier than 36 months after the end of the reference year and the Commission (Eurostat) shall make these publicly available, including on its website.

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2. The results published by the Commission (Eurostat) at an aggregated level for each Member State shall include at least the following:

- (a) PPPs at the level of GDP;
- (b) PPPs for private household consumption expenditure and actual individual consumption;
- (c) price level indices relative to the Community average; and
- (d) GDP, private household consumption expenditure and actual individual consumption and respective per capita figures in PPS.

3. If results are calculated for a wider group of countries, the PPPs of the Member States shall nevertheless be preserved, in pursuance of the principle of fixity.

4. Published final PPPs shall generally not be revised.

However, in the event of mistakes falling within the scope of Section 10 of Annex I, corrected results shall be published in accordance with the procedure laid down therein.

Exceptional general revisions shall be carried out if, owing to changes to the concepts underlying ESA 95 that affect PPP results, the volume index of GDP for any Member State changes by more than one percentage point.

Article 10

Correction coefficients

Member States shall not be required to undertake surveys solely for the purpose of establishing the correction coefficients to be applied to the remuneration and pensions of Community officials and other servants in accordance with the Staff Regulations.

Article 11

Committee procedure

1. The Commission shall be assisted by the Statistical Programme Committee.

2. Where reference is made to this paragraph, Articles 5 and 7 of Decision 1999/468/EC shall apply, having regard to the provisions of Article 8 thereof.

The period laid down in Article 5(6) of Decision 1999/468/EC shall be set at three months.

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3. Where reference is made to this paragraph, Article 5a(1) to (4) and Article 7 of Decision 1999/468/EC shall apply, having regard to the provisions of Article 8 thereof.

*Article 12***Implementing measures**

1. The measures necessary for the implementation of the provisions of this Regulation, including measures to take account of economic and technical changes, shall be adopted, insofar as this does not involve a disproportionate increase in costs for the Member States, as laid down in paragraphs 2 and 3.

2. The following measures necessary for implementation of this Regulation shall be adopted in accordance with the regulatory procedure referred to in Article 11(2):

- (a) the definition of a set of minimum standards in order to achieve the essential comparability and representativity of the data as specified under points 5.1 and 5.2 of Annex I;
- (b) the definition of precise requirements as to the methodology to be used as specified in Annex I; and
- (c) the establishment and adjustment of detailed descriptions of the content of basic headings, provided that these remain compatible with ESA 95 or any succeeding system.

3. The following measures designed to amend non-essential elements of this Regulation, *inter alia* by supplementing it with new elements, shall be adopted in accordance with the regulatory procedure with scrutiny referred to in Article 11(3):

- (a) the adaptation of the definitions;
- (b) the adjustment of the list of basic headings (as specified in Annex II); and
- (c) the definition of quality criteria and the structure of the quality reports, pursuant to Article 7(4).

*Article 13***Financing**

1. The Member States shall receive from the Commission a financial contribution of a maximum of 70 % of the costs eligible under the Commission's grant rules.

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2. The amount of such financial contribution shall be fixed as part of the annual budgetary procedures of the European Union. The budget authority shall determine the appropriations available each year.

*Article 14***Review and report**

The provisions of this Regulation shall be reviewed five years after its entry into force. It shall be revised, if appropriate, on the basis of a Commission report and proposal, submitted to the European Parliament and the Council.

*Article 15***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 Union*.

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



ANNEX I

METHODOLOGY

1. **METHODOLOGICAL MANUAL AND WORK PROGRAMME**
 - 1.1. A methodological manual will be provided by the Commission (Eurostat), following consultation with the Member States, describing the methods used at the various stages of compiling PPPs, including the methods for estimating missing basic information and for estimating missing parities. The methodological manual will be revised whenever a significant change to the methodology is made. It may introduce new methods to improve data quality, reduce costs or lessen the burden on data suppliers.
 - 1.2. The Commission (Eurostat) will establish, by 30 November each year and in consultation with the Member States, an annual Work Programme for the following calendar year setting out the timetable for the specification and the provision of the basic information required for that year.
 - 1.3. The annual Work Programme will determine the format for provision of data to be used by the Member States, and any other actions necessary in order to accomplish the calculation and publication of PPPs.
 - 1.4. The basic information supplied according to point 1.2 may be revised, but the results for the reference year will be calculated from information available according to the timetable specified in Article 9. Where information is not complete or not available at that date, the Commission (Eurostat) will estimate the missing basic information.
 - 1.5. Should a Member State fail to submit complete basic information, it will specify why the information is incomplete, when it will submit complete information or, if appropriate, why complete information cannot be provided.

2. **BASIC INFORMATION**

- 2.1. **Basic information items**

For the purpose of this Regulation, basic information pursuant to Articles 2 and 4 and the minimum frequency of new data supply will comprise and be provided as follows:

Basic information	Minimum frequency
GDP expenditure weights ⁽¹⁾	Annual
Actual and imputed rentals ⁽²⁾	Annual
Compensation of employees	Annual
Temporal adjustment factors	Annual
Prices of consumer goods and services and related representativity indicators	3 years ⁽³⁾

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Basic information	Minimum frequency
Prices of equipment goods	3 years
Prices of construction projects	3 years
Spatial adjustment factors	6 years

⁽¹⁾ These weights shall be consistent with the lowest level of available aggregates from national accounts. If the required detail is not available, the Member State may provide best estimates for the missing positions.

⁽²⁾ The dwellings stock quantity approach, as described in the methodological manual, may be used instead of the price approach in cases where actual rentals are missing or are statistically unreliable in line with Regulation (EC) No 1722/2005.

⁽³⁾ The minimum frequency refers to the provision of data for a particular product group, related to the rolling cycle of surveys.

2.2. Procedure for obtaining basic information

The Commission (Eurostat), after taking account of the views of the Member States, will determine the sources and data suppliers to be used for each of the above items of basic information. If the Commission (Eurostat) obtains basic information from a data supplier other than a Member State, the latter will be relieved of the obligations set out in points 5.1.4 to 5.1.13.

3. NATIONAL AVERAGE PRICES

3.1. Notwithstanding the provisions of Article 2(2), data collection may be limited to one or more locations within the economic territory. Such data may be used for PPP calculations provided that they are accompanied by appropriate spatial adjustment factors. Such spatial adjustment factors will be used to adjust survey data in the relevant locations to those representative of the national average.

3.2. Spatial adjustment factors will be supplied at basic heading level. They will be no more than six years old at the reference period of the survey.

4. ANNUAL AVERAGE PRICES

Notwithstanding the provisions of Article 2(2), data collection may be limited to a specific period of time. Such data may be used for PPP calculations provided that they are accompanied by appropriate temporal adjustment factors. Such temporal adjustment factors will be used to adjust survey data in this period to those representative of the annual average.

5. QUALITY

5.1. Minimum standards for basic information

5.1.1. The list of items to be priced will be designed to comprise items whose specifications ensure comparability between countries.

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- 5.1.2. The list of items to be priced will be designed so that each Member State can indicate at least one representative item which can be priced in at least one other Member State for each basic heading.
- 5.1.3. The item list will be designed in order to achieve the highest practicable level of equi-representativity so that, as a minimum, each country has to price one representative item for each basic heading and this representative item has to be priced by at least one other country.
- 5.1.4. Each Member State will price items according to the specifications in the item list.
- 5.1.5. Each Member State will price a sufficient number of items within each basic heading that are available in its market, even though they may not be considered as representative of that basic heading.
- 5.1.6. Each Member State will supply prices of at least one representative item within each basic heading. The representative items will be indicated by a representativity indicator.
- 5.1.7. Each Member State will collect a sufficient number of price quotations for each item priced to ensure a reliable average price per item taking account of its market structure.
- 5.1.8. The selection of outlet types will be designed to adequately reflect the domestic pattern of consumption within the Member State according to the item.
- 5.1.9. The outlet selection in a location will be designed to adequately reflect the pattern of consumption of the residents of the location and the availability of items.
- 5.1.10. Each Member State will supply the Commission (Eurostat) with data on compensation of employees for selected occupations with reference to the sector General Government (S 13) as defined in ESA 95.
- 5.1.11. Each Member State will supply the Commission (Eurostat) with temporal adjustment factors which allow calculation of PPPs from prices collected at a specific time which adequately reflect the annual average price level.
- 5.1.12. Each Member State will supply the Commission (Eurostat) with spatial adjustment factors which allow calculation of PPPs with prices collected in specific locations which adequately reflect the national average price level.
- 5.1.13. Each Member State will supply the Commission (Eurostat) with weights relating to each basic heading as specified in Annex II which reflect the expenditure pattern in the Member State for the reference year.

▼B**5.2. Minimum standards for the validation of price survey results**

5.2.1. Each Member State will, before transmitting the data to the Commission (Eurostat), carry out a review of data validity based on:

- maximum and minimum prices,
- the average price and coefficient of variation,
- the number of priced items per basic heading,
- the number of priced representative items per basic heading, and
- the number of prices observed per item.

5.2.2. An electronic tool containing the algorithms required for the purposes of point 5.2.1 will be supplied by the Commission (Eurostat) to the Member States.

5.2.3. The Commission (Eurostat) will, before finalising the survey results, carry out validity checks, in conjunction with the Member States, based on indicators including:

For each basic heading:

- the number of items priced by each country,
- the number of items attributed a representativity indicator by each country,
- the price level index,
- the results of the previous survey covering the same basic heading, and
- price level indices in PPP terms for each country.

For each item:

- the number of prices observed by each country, and
- the variation coefficients of:
 - (i) average prices in national currencies,
 - (ii) price level indices in PPP terms, and
 - (iii) price level indices in PPP terms for each country.

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- 5.2.4. The Commission (Eurostat) will, before finalising the PPP results at aggregate level, carry out validity checks based on indicators including:

At the level of total GDP and its main aggregates:

- the consistency of GDP expenditure weights and population estimates with published data,
- a comparison of per capita volume indices for current and previous calculations, and
- a comparison of price level indices for current and previous calculations.

At the level of each basic heading:

- a comparison of the GDP weighting structure for current and previous calculations, and
- estimates of missing data, where relevant.

5.3. Reporting and assessment

- 5.3.1. Each Member State will maintain documentation which gives a full description of the manner in which this Regulation has been implemented. This documentation will be available to the Commission (Eurostat) and the other Member States.
- 5.3.2. Each Member State will have its PPP process assessed at least once every six years by the Commission (Eurostat). The assessments, planned annually and included in the annual Work Programme, will review compliance with this Regulation. A report, based on the assessments, will be made by the Commission (Eurostat) and be made publicly available, including on its website.
- 5.3.3. In accordance with Article 7(3), shortly after each consumer price survey, a report by the Member State responsible will be given to the Commission (Eurostat) providing information on the way in which the survey was conducted. The Commission (Eurostat) will provide each Member State with a summary of these reports.

6. CONSUMER PRICE SURVEY PROCEDURE

- 6.1. Member States will carry out the price surveys according to the Work Programme.
- 6.2. For each survey, the Commission (Eurostat) will prepare the survey item list, based on proposals which will be made by each Member State for each basic heading.
- 6.3. The Commission (Eurostat) will provide, together with the item list, in all official languages of the European Union, a translation of all specifications in each survey list.

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7. CALCULATION PROCEDURE

7.1. **Calculation of bilateral parities at basic heading level**

- (a) The calculation of multilateral Èltetò-Köves-Szulc (hereinafter referred to as 'EKS') parities at basic heading level will be based on a matrix of bilateral parities for each pair of participant countries.
- (b) The calculation of bilateral parities will be carried out by reference to the prices observed for, and the representativity indicators attributed to, the underlying items.
- (c) The average survey price for each item will be established as the simple arithmetic mean of the price observations recorded for that item.
- (d) The national annual average price will be estimated, where necessary, on the basis of the average survey price by using appropriate spatial and temporal adjustment factors.
- (e) The ratios of the adjusted average prices will then be calculated, where possible, for items and pairs of participant countries, together with their inverse.
- (f) PPPs will then be calculated, where possible, for all pairs of participant countries for the basic heading. For each pair of participant countries, PPPs will be calculated as the weighted geometric mean of:
- the geometric mean of the price ratios of items which are indicated as representative of both countries,
 - the geometric mean of the price ratios of items which are indicated as representative of the first country but not of the second country,
 - the geometric mean of the price ratios of items which are indicated as representative of the second country but not of the first country,
- using weights reflecting the relative representativity of all items priced by both countries.

7.2. **Estimation of missing bilateral parities**

If for any basic heading the bilateral PPPs cannot be calculated, the missing bilateral PPPs will be estimated, where possible, by using the standard procedure of geometric averaging of indirect parities via third countries. Should the matrix of bilateral PPPs for a basic heading still contain any missing values after this estimation procedure, the calculation of multilateral EKS parities will then not be possible for the countries for which bilateral PPPs are missing. Such missing EKS parities will then be estimated by the Commission (Eurostat), using reference PPPs from similar basic headings or any other appropriate estimation method.

▼ B**7.3. The calculation of bilateral parities at aggregate level**

- (a) The calculation of bilateral parities at a particular level of national accounts aggregation will be carried out using the EKS parities (see point 7.4), and the GDP expenditure weights, for the underlying basic headings.
- (b) A Laspeyres-type parity will then be calculated for the selected level of aggregation as the arithmetic mean of the parities for the underlying basic headings, weighted by the relative percentages (or nominal values) for the second country of each pair of participant countries.
- (c) A Paasche-type parity will then be calculated for the selected level of aggregation as the harmonic mean of the parities for the underlying basic headings, weighted by the relative percentages (or nominal values) for the first country of each pair of participant countries.
- (d) A Fisher-type parity will then be calculated for the selected level of aggregation as the geometric mean of the Laspeyres-type and Paasche-type parities established for each pair of participant countries.

7.4. Calculation of transitive multilateral PPPS

The calculation of transitive multilateral parities will be carried out either at basic heading level or any aggregated level by using the EKS procedure based on a complete matrix of Fisher-type parities between each pair of participant countries as follows:

$${}_{t}EKS_s = \left(\prod_{i=1}^z \frac{{}_iF_t}{{}_iF_s} \right)^{\frac{1}{z}}, \forall t, s$$

where ${}_{t}EKS_s$ denotes the EKS parity between country s and country t;

${}_iF_s$ denotes the Fisher-type parity between country s and country t;

z denotes the number of participant countries.

8. TRANSMISSION

- 8.1. The Commission (Eurostat) will supply to the Member States the templates for electronic transmission of the basic information necessary to calculate PPPs.
- 8.2. Member States will provide basic information to the Commission (Eurostat) in accordance with the templates.

9. PUBLICATION

In addition to the provisions contained in Article 9(2), the Commission (Eurostat) may publish results at a more detailed level after consultation with the Member States.

10. CORRECTIONS

- 10.1. When a mistake is discovered by a Member State, it will immediately and on its own initiative provide the Commission (Eurostat) with correct basic information. In addition, a Member State will inform the Commission (Eurostat) of any suspected inappropriate application of the calculation procedure.

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- 10.2. After becoming aware of a mistake, made either by a Member State or the Commission (Eurostat), the Commission (Eurostat) will inform the Member States and recalculate the PPPs within one month.
- 10.3. If the mistakes discovered result in a change of at least 0,5 percentage points at the level of per capita GDP in PPS of any Member State, the Commission (Eurostat) will publish a correction as soon as possible, unless such mistakes are discovered later than three months after the results have been published.
- 10.4. Where a mistake has occurred, the responsible body will take steps to prevent similar future occurrences.
- 10.5. Revisions carried out after 33 months following the end of the reference year to GDP expenditure weights or to population estimates will not require a correction to be made to PPP results.

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ANNEX II

▼ M1

Basic headings as defined in Article 3(e)

BH number	Description	COICOP (1)	COPNI (2)	COFOG (2)	CPA 2008 (3)
	INDIVIDUAL CONSUMPTION EXPENDITURE BY HOUSEHOLDS				
	Food and non-alcoholic beverages				
	<i>Food</i>				
	<i>Bread and cereals</i>				
1	Rice	01.1.1.1			
2	Flours and other cereals	01.1.1.2			
3	Bread	01.1.1.3			
4	Other bakery products	01.1.1.4			
5	Pizza and quiche	01.1.1.5			
6	Pasta products and couscous	01.1.1.6			
7	Breakfast cereals	01.1.1.7			
8	Other cereal products	01.1.1.8			
	<i>Meat</i>				
9	Beef and veal	01.1.2.1			
10	Pork	01.1.2.2			
11	Lamb and goat	01.1.2.3			
12	Poultry	01.1.2.4			
13	Other meats	01.1.2.5			
14	Edible offal	01.1.2.6			
15	Dried, salted or smoked meat	01.1.2.7			
16	Other meat preparations	01.1.2.8			
	<i>Fish and seafood</i>				
17	Fresh or chilled fish	01.1.3.1			
18	Frozen fish	01.1.3.2			
19	Fresh or chilled seafood	01.1.3.3			
20	Frozen seafood	01.1.3.4			

▼ M1

BH number	Description	COICOP (1)	COPNI (2)	COFOG (2)	CPA 2008 (3)
21	Dried, smoked or salted fish and seafood	01.1.3.5			
22	Other preserved or processed fish and seafood-based preparations	01.1.3.6			
	<i>Milk, cheese and eggs</i>				
23	Milk, whole, fresh	01.1.4.1			
24	Milk, low fat, fresh	01.1.4.2			
25	Milk, preserved	01.1.4.3			
26	Yoghurt	01.1.4.4			
27	Cheese and curd	01.1.4.5			
28	Other milk products	01.1.4.6			
29	Eggs	01.1.4.7			
	<i>Oils and fats</i>				
30	Butter	01.1.5.1			
31	Margarine and other vegetable fats	01.1.5.2			
32	Olive oil	01.1.5.3			
33	Other edible oils	01.1.5.4			
34	Other edible animal fats	01.1.5.5			
	<i>Fruit</i>				
35	Fresh or chilled fruit	01.1.6.1			
36	Frozen fruit	01.1.6.2			
37	Dried fruit and nuts	01.1.6.3			
38	Preserved fruit and fruit-based products	01.1.6.4			
	<i>Vegetables</i>				
39	Fresh or chilled vegetables other than potatoes and other tubers	01.1.7.1			
40	Frozen vegetables other than potatoes and other tubers	01.1.7.2			

▼ **M1**

BH number	Description	COICOP ⁽¹⁾	COPNI ⁽²⁾	COFOG ⁽²⁾	CPA 2008 ⁽³⁾
41	Dried vegetables, other preserved or processed vegetables	01.1.7.3			
42	Potatoes	01.1.7.4			
43	Crisps	01.1.7.5			
44	Other tubers and products of tuber vegetables	01.1.7.6			
	<i>Sugar, jam, honey, chocolate and confectionery</i>				
45	Sugar	01.1.8.1			
46	Jams, marmalades and honey	01.1.8.2			
47	Chocolate	01.1.8.3			
48	Confectionery products	01.1.8.4			
49	Edible ices and ice cream	01.1.8.5			
50	Artificial sugar substitutes	01.1.8.6			
	<i>Food products n.e.c.</i>				
51	Sauces, condiments	01.1.9.1			
52	Salt, spices and culinary herbs	01.1.9.2			
53	Baby food	01.1.9.3			
54	Ready-made meals	01.1.9.4			
55	Other food products n.e.c.	01.1.9.9			
	<i>Non-alcoholic beverages</i>				
	<i>Coffee, tea and cocoa</i>				
56	Coffee	01.2.1.1			
57	Tea	01.2.1.2			
58	Cocoa and powdered chocolate	01.2.1.3			
	<i>Mineral waters, soft drinks, fruit and vegetable juices</i>				
59	Mineral or spring waters	01.2.2.1			
60	Soft drinks	01.2.2.2			
61	Fruit and vegetable juices	01.2.2.3			

▼ **M1**

BH number	Description	COICOP ⁽¹⁾	COPNI ⁽²⁾	COFOG ⁽²⁾	CPA 2008 ⁽³⁾
	Alcoholic beverages, tobacco and narcotics				
	<i>Alcoholic beverages</i>				
	<i>Spirits</i>				
62	Spirits	02.1.1.0			
	<i>Wine</i>				
63	Wine	02.1.2.0			
	<i>Beer</i>				
64	Beer	02.1.3.0			
	Tobacco				
	<i>Tobacco</i>				
65	Tobacco	02.2.0.0			
	Narcotics				
	<i>Narcotics</i>				
66	Narcotics	02.3.0.0			
	Clothing and footwear				
	Clothing				
	<i>Clothing materials</i>				
67	Clothing materials	03.1.1.0			
	<i>Garments</i>				
68	Garments for men	03.1.2.1			
69	Garments for women	03.1.2.2			
70	Garments for infants (0 to 2 years) and children (3 to 13 years)	03.1.2.3			
	<i>Other articles of clothing and clothing accessories</i>				
71	Other articles of clothing and clothing accessories	03.1.3.0			
	<i>Cleaning, repair and hire of clothing</i>				
72	Cleaning, repair and hire of clothing	03.1.4.0			

▼ **M1**

BH number	Description	COICOP ⁽¹⁾	COPNI ⁽²⁾	COFOG ⁽²⁾	CPA 2008 ⁽³⁾
	<i>Footwear</i>				
	<i>Shoes and other footwear</i>				
73	Footwear for men	03.2.1.1			
74	Footwear for women	03.2.1.2			
75	Footwear for infants and children	03.2.1.3			
	<i>Repair and hire of footwear</i>				
76	Repair and hire of footwear	03.2.2.0			
	Housing, water, electricity, gas and other fuels				
	<i>Actual rentals for housing</i>				
	<i>Actual rentals for housing</i>				
77	Actual rentals for housing	04.1.0.0			
	<i>Imputed rentals for housing</i>				
	<i>Imputed rentals for housing</i>				
78	Imputed rentals for housing	04.2.0.0			
	<i>Maintenance and repair of the dwelling</i>				
	<i>Materials for the maintenance and repair of the dwelling</i>				
79	Materials for the maintenance and repair of the dwelling	04.3.1.0			
	<i>Services for the maintenance and repair of the dwelling</i>				
80	Services for the maintenance and repair of the dwelling	04.3.2.0			
	<i>Water supply and miscellaneous services relating to the dwelling</i>				
	<i>Water supply</i>				
81	Water supply	04.4.1.0			
	<i>Refuse collection</i>				
82	Refuse collection	04.4.2.0			

▼ **M1**

BH number	Description	COICOP ⁽¹⁾	COPNI ⁽²⁾	COFOG ⁽²⁾	CPA 2008 ⁽³⁾
	<i>Sewage collection</i>				
83	Sewage collection	04.4.3.0			
	<i>Other services relating to the dwelling n.e.c.</i>				
84	Other services relating to the dwelling n.e.c.	04.4.4.0			
	<i>Electricity, gas and other fuels</i>				
	<i>Electricity</i>				
85	Electricity	04.5.1.0			
	<i>Gas</i>				
86	Natural gas and town gas	04.5.2.1			
87	Liquefied hydrocarbons (butane, propane, etc.)	04.5.2.2			
	<i>Liquid fuels</i>				
88	Liquid fuels	04.5.3.0			
	<i>Solid fuels</i>				
89	Solid fuels	04.5.4.0			
	<i>Heat energy</i>				
90	Heat energy	04.5.5.0			
	Furnishings, household equipment and routine household maintenance				
	<i>Furniture and furnishings, carpets and other floor coverings</i>				
	<i>Furniture and furnishings</i>				
91	Household furniture	05.1.1.1			
92	Garden furniture	05.1.1.2			
93	Lighting equipment	05.1.1.3			
94	Other furniture and furnishings	05.1.1.9			

▼ **M1**

BH number	Description	COICOP (1)	COPNI (2)	COFOG (2)	CPA 2008 (3)
	<i>Carpets and other floor coverings</i>				
95	Carpets and other floor coverings	05.1.2.0			
	<i>Repair of furniture, furnishings and floor coverings</i>				
96	Repair of furniture, furnishings and floor coverings	05.1.3.0			
	<i>Household textiles</i>				
	<i>Household textiles</i>				
97	Furnishing fabrics and curtains	05.2.0.1			
98	Bed linen	05.2.0.2			
99	Table linen and bathroom linen	05.2.0.3			
100	Repair of household textiles	05.2.0.4			
101	Other household textiles	05.2.0.9			
	<i>Household appliances</i>				
	<i>Major household appliances whether electric or not</i>				
102	Refrigerators, freezers and fridge-freezers	05.3.1.1			
103	Clothes washing machines, clothes drying machines and dish washing machines	05.3.1.2			
104	Cookers	05.3.1.3			
105	Heaters, air conditioners	05.3.1.4			
106	Cleaning equipment	05.3.1.5			
107	Other major household appliances	05.3.1.9			
	<i>Small electric household appliances</i>				
108	Small electric household appliances	05.3.2.0			
	<i>Repair of household appliances</i>				
109	Repair of household appliances	05.3.3.0			

▼ **M1**

BH number	Description	COICOP ⁽¹⁾	COPNI ⁽²⁾	COFOG ⁽²⁾	CPA 2008 ⁽³⁾
	<i>Glassware, tableware and household utensils</i>				
	<i>Glassware, tableware and household utensils</i>				
110	Glassware, crystal-ware, ceramic ware and chinaware	05.4.0.1			
111	Cutlery, flatware and silverware	05.4.0.2			
112	Non-electric kitchen utensils and articles	05.4.0.3			
113	Repair of glassware, tableware and household utensils	05.4.0.4			
	<i>Tools and equipment for house and garden</i>				
	<i>Major tools and equipment</i>				
114	Major tools and equipment	05.5.1.0			
	<i>Small tools and miscellaneous accessories</i>				
115	Small tools and miscellaneous accessories	05.5.2.0			
	<i>Goods and services for routine household maintenance</i>				
	<i>Non-durable household goods</i>				
116	Cleaning and maintenance products	05.6.1.1			
117	Other non-durable small household articles	05.6.1.2			
	<i>Domestic services and household services</i>				
118	Domestic services by paid staff	05.6.2.1			
119	Cleaning services	05.6.2.2			
120	Hire of furniture and furnishings	05.6.2.3			
121	Other domestic services and household services	05.6.2.9			

▼ **M1**

BH number	Description	COICOP (1)	COPNI (2)	COFOG (2)	CPA 2008 (3)
	Health — HH				
	<i>Medical products, appliances and equipment</i>				
	<i>Pharmaceutical products</i>				
122	Pharmaceutical products	06.1.1.0			
	<i>Other medical products</i>				
123	Other medical products	06.1.2.0			
	<i>Therapeutic appliances and equipment</i>				
124	Therapeutic appliances and equipment	06.1.3.0			
	<i>Out-patient services</i>				
	<i>Medical Services</i>				
125	Medical services	06.2.1.0			
	<i>Dental services</i>				
126	Dental services	06.2.2.0			
	<i>Paramedical services</i>				
127	Paramedical services	06.2.3.0			
	<i>Hospital services</i>				
	<i>Hospital services</i>				
128	General hospitals	06.3.0.1			
129	Mental health and substance abuse hospitals	06.3.0.2			
130	Speciality hospitals	06.3.0.3			
131	Nursing and residential care facilities	06.3.0.4			
	Transport				
	<i>Purchase of vehicles</i>				
	<i>Motor cars</i>				
132	New motor cars	07.1.1.1			
133	Second-hand motor cars	07.1.1.2			

▼ **M1**

BH number	Description	COICOP ⁽¹⁾	COPNI ⁽²⁾	COFOG ⁽²⁾	CPA 2008 ⁽³⁾
	<i>Motor cycles</i>				
134	Motor cycles	07.1.2.0			
	<i>Bicycles</i>				
135	Bicycles	07.1.3.0			
	<i>Animal drawn vehicles</i>				
136	Animal drawn vehicles	07.1.4.0			
	<i>Operation of personal transport equipment</i>				
	<i>Spare parts and accessories for personal transport equipment</i>				
137	Tyres	07.2.1.1			
138	Spare parts for personal transport equipment	07.2.1.2			
139	Accessories for personal transport equipment	07.2.1.3			
	<i>Fuels and lubricants for personal transport equipment</i>				
140	Diesel	07.2.2.1			
141	Petrol	07.2.2.2			
142	Other fuels for personal transport equipment	07.2.2.3			
143	Lubricants	07.2.2.4			
	<i>Maintenance and repair of personal transport equipment</i>				
144	Maintenance and repair of personal transport equipment	07.2.3.0			
	<i>Other services in respect of personal transport equipment</i>				
145	Other services in respect of personal transport equipment	07.2.4.0			
	<i>Transport services</i>				
	<i>Passenger transport by railway</i>				
146	Passenger transport by train	07.3.1.1			

▼ **M1**

BH number	Description	COICOP (1)	COPNI (2)	COFOG (2)	CPA 2008 (3)
147	Passenger transport by underground and tram	07.3.1.2			
	<i>Passenger transport by road</i>				
148	Passenger transport by bus and coach	07.3.2.1			
149	Passenger transport by taxi and hired car with driver	07.3.2.2			
	<i>Passenger transport by air</i>				
150	Passenger transport by air	07.3.3.0			
	<i>Passenger transport by sea and inland waterway</i>				
151	Passenger transport by sea and inland waterway	07.3.4.0			
	<i>Combined passenger transport</i>				
152	Combined passenger transport	07.3.5.0			
	<i>Other purchased transport services</i>				
153	Other purchased transport services	07.3.6.0			
	Communication				
	<i>Postal services</i>				
	<i>Postal services</i>				
154	Postal services	08.1.0.0			
	<i>Telephone and telefax equipment</i>				
	<i>Telephone and telefax equipment</i>				
155	Telephone and telefax equipment	08.2.0.0			
	<i>Telephone and telefax services</i>				
	<i>Telephone and telefax services</i>				
156	Wired telephone services	08.3.0.1			

▼ **M1**

BH number	Description	COICOP ⁽¹⁾	COPNI ⁽²⁾	COFOG ⁽²⁾	CPA 2008 ⁽³⁾
157	Wireless telephone services	08.3.0.2			
158	Internet access provision services	08.3.0.3			
159	Bundled telecommunication services	08.3.0.4			
160	Other information transmission services	08.3.0.5			
	Recreation and culture — HH				
	<i>Audiovisual, photographic and information processing equipment</i>				
	<i>Equipment for the reception, recording and reproduction of sound and picture</i>				
161	Equipment for the reception, recording and reproduction of sound	09.1.1.1			
162	Equipment for the reception, recording and reproduction of sound and vision	09.1.1.2			
163	Portable sound and vision devices	09.1.1.3			
164	Other equipment for the reception, recording and reproduction of sound and picture	09.1.1.9			
	<i>Photographic and cinematographic equipment and optical instruments</i>				
165	Photographic and cinematographic equipment and optical instruments	09.1.2.0			
	<i>Information processing equipment</i>				
166	Personal computers	09.1.3.1			
167	Accessories for information processing equipment	09.1.3.2			
168	Software	09.1.3.3			
169	Calculators and other information processing equipment	09.1.3.4			
	<i>Recording media</i>				
170	Pre-recorded recording media	09.1.4.1			
171	Unrecorded recording media	09.1.4.2			

▼ **M1**

BH number	Description	COICOP ⁽¹⁾	COPNI ⁽²⁾	COFOG ⁽²⁾	CPA 2008 ⁽³⁾
172	Other recording media	09.1.4.9			
	<i>Repair of audiovisual, photographic and information processing equipment</i>				
173	Repair of audiovisual, photographic and information processing equipment	09.1.5.0			
	<i>Other major durables for recreation and culture</i>				
	<i>Major durables for outdoor recreation</i>				
174	Major durables for outdoor recreation	09.2.1.0			
	<i>Musical instruments and major durables for indoor recreation</i>				
175	Musical instruments and major durables for indoor recreation	09.2.2.0			
	<i>Maintenance and repair of other major durables for recreation and culture</i>				
176	Maintenance and repair of other major durables for recreation and culture	09.2.3.0			
	<i>Other recreational items and equipment, gardens and pets</i>				
	<i>Games, toys and hobbies</i>				
177	Games and hobbies	09.3.1.1			
178	Toys and celebration articles	09.3.1.2			
	<i>Equipment for sport, camping and open-air recreation</i>				
179	Equipment for sport, camping and open-air recreation	09.3.2.0			
	<i>Gardens, plants and flowers</i>				
180	Garden products	09.3.3.1			
181	Plants and flowers	09.3.3.2			

▼ **M1**

BH number	Description	COICOP (1)	COPNI (2)	COFOG (2)	CPA 2008 (3)
	<i>Pets and related products</i>				
182	Pets and related products	09.3.4.0			
	<i>Veterinary and other services for pets</i>				
183	Veterinary and other services for pets	09.3.5.0			
	<i>Recreational and cultural services</i>				
	<i>Recreational and sporting services</i>				
184	Recreational and sporting services	09.4.1.0			
	<i>Cultural services</i>				
185	Cinemas, theatres, concerts	09.4.2.1			
186	Museums, libraries, zoological gardens	09.4.2.2			
187	Television and radio licence fees, subscriptions	09.4.2.3			
188	Hire of equipment and accessories for culture	09.4.2.4			
189	Photographic services	09.4.2.5			
190	Other cultural services	09.4.2.9			
	<i>Games of chance</i>				
191	Games of chance	09.4.3.0			
	<i>Newspapers, books and stationery</i>				
	<i>Books</i>				
192	Books	09.5.1.0			
	<i>Newspapers and periodicals</i>				
193	Newspapers	09.5.2.1			
194	Magazines and periodicals	09.5.2.2			
	<i>Miscellaneous printed matter</i>				
195	Miscellaneous printed matter	09.5.3.0			

▼ **M1**

BH number	Description	COICOP (1)	COPNI (2)	COFOG (2)	CPA 2008 (3)
	<i>Stationery and drawing materials</i>				
196	Stationery and drawing materials	09.5.4.0			
	Package holidays				
	<i>Package holidays</i>				
197	Package holidays	09.6.0.0			
	Education — HH				
	<i>Education — HH</i>				
	<i>Education — HH</i>				
198	Education — HH	10.0.0.0			
	Restaurants and hotels				
	<i>Catering services</i>				
	<i>Restaurants, cafés and the like</i>				
199	Restaurants, cafés and dancing establishments	11.1.1.1			
200	Fast food and take away food services	11.1.1.2			
	<i>Canteens</i>				
201	Canteens	11.1.2.0			
	Accommodation services				
	<i>Accommodation services</i>				
202	Hotels, motels, inns and similar accommodation services	11.2.0.1			
203	Holiday centres, camping sites, youth hostels and similar accommodation services	11.2.0.2			
204	Accommodation services of other establishments	11.2.0.3			

▼ **M1**

BH number	Description	COICOP ⁽¹⁾	COPNI ⁽²⁾	COFOG ⁽²⁾	CPA 2008 ⁽³⁾
	Miscellaneous goods and services				
	<i>Personal care</i>				
	<i>Hairdressing salons and personal grooming establishments</i>				
205	Hairdressing for men and children	12.1.1.1			
206	Hairdressing for women	12.1.1.2			
207	Personal grooming treatments	12.1.1.3			
	<i>Electric appliances for personal care</i>				
208	Electric appliances for personal care	12.1.2.0			
	<i>Other appliances, articles and products for personal care</i>				
209	Non-electrical appliances	12.1.3.1			
210	Articles for personal hygiene and wellness, esoteric products and beauty products	12.1.3.2			
	<i>Prostitution</i>				
	<i>Prostitution</i>				
211	Prostitution	12.2.0.0			
	<i>Personal effects n.e.c.</i>				
	<i>Jewellery, clocks and watches</i>				
212	Jewellery	12.3.1.1			
213	Clocks and watches	12.3.1.2			
214	Repair of jewellery, clocks and watches	12.3.1.3			
	<i>Other personal effects</i>				
215	Other personal effects	12.3.2.0			
	<i>Social protection</i>				
	<i>Social protection</i>				
216	Social protection	12.4.0.0			

▼ **M1**

BH number	Description	COICOP (1)	COPNI (2)	COFOG (2)	CPA 2008 (3)
	Insurance				
	<i>Life insurance</i>				
217	Life insurance	12.5.1.0			
	<i>Insurance connected with the dwelling</i>				
218	Insurance connected with the dwelling	12.5.2.0			
	<i>Insurance connected with health</i>				
219	Insurance connected with health	12.5.3.0			
	<i>Insurance connected with transport</i>				
220	Insurance connected with transport	12.5.4.0			
	<i>Other insurance</i>				
221	Other insurance	12.5.5.0			
	Financial services n.e.c.				
	<i>FISIM</i>				
222	FISIM	12.6.1.0			
	<i>Other financial services n.e.c.</i>				
223	Other financial services n.e.c.	12.6.2.0			
	Other services n.e.c.				
	<i>Other services n.e.c.</i>				
224	Other services n.e.c.	12.7.0.0			
	Net purchases abroad				
	<i>Net purchases abroad</i>				
	<i>Net purchases abroad</i>				
225	Net purchases abroad				
	INDIVIDUAL CONSUMPTION EXPENDITURE BY NPISHs				
	Housing — NPISH				
	Housing — NPISH				
	<i>Housing — NPISH</i>				
226	Housing — NPISH		01		

▼ M1

BH number	Description	COICOP (1)	COPNI (2)	COFOG (2)	CPA 2008 (3)
	Health — NPISH				
	<i>Health — NPISH</i>				
	<i>Health — NPISH</i>				
227	Health — NPISH		02		
	Recreation and culture — NPISH				
	<i>Recreation and culture — NPISH</i>				
	<i>Recreation and culture — NPISH</i>				
228	Recreation and culture — NPISH		03		
	Education — NPISH				
	<i>Education — NPISH</i>				
	<i>Education — NPISH</i>				
229	Education — NPISH		04		
	Social protection — NPISH				
	<i>Social protection — NPISH</i>				
	<i>Social protection — NPISH</i>				
230	Social protection — NPISH		05		
	Other services — NPISH				
	<i>Other services — NPISH</i>				
	<i>Other services — NPISH</i>				
231	Other services — NPISH		06 to 09		
	INDIVIDUAL CONSUMPTION EXPENDITURE BY GOVERNMENT				
	Housing — GG				
	<i>Housing — GG</i>				
	<i>Housing — GG</i>				
232	Housing — GG			10.6.0	

▼ **M1**

BH number	Description	COICOP (1)	COPNI (2)	COFOG (2)	CPA 2008 (3)
	Health — GG				
	<i>Health — GG</i>				
	<i>Health — GG</i>				
233	Health — GG			07	
	Recreation and culture — GG				
	<i>Recreation and culture — GG</i>				
	<i>Recreation and culture — GG</i>				
234	Recreation and culture — GG			08	
	Education — GG				
	<i>Education — GG</i>				
	<i>Education — GG</i>				
235	Education — GG			09	
	Social protection — GG				
	<i>Social protection — GG</i>				
	<i>Social protection — GG</i>				
236	Social protection — GG			10 excluding 10.6	
	COLLECTIVE CONSUMPTION EXPEN- DITURE BY GOVERNMENT				
	Collective consumption expenditure by government				
	<i>Collective consumption expenditure by government</i>				
	<i>Collective consumption expenditure by government</i>				
237	Compensation of employees (collective services)				

▼ **M1**

BH number	Description	COICOP (1)	COPNI (2)	COFOG (2)	CPA 2008 (3)
238	Intermediate consumption				
239	Gross operating surplus				
240	Net taxes on production				
241	Receipts from sales				
	GROSS CAPITAL FORMATION				
	Gross fixed capital formation				
	<i>Machinery and equipment</i>				
	<i>Metal products and equipment</i>				
242	Fabricated metal products, except machinery and equipment (CPA 25, except 25.4)				25, except 25.4
243	Information and communication equipment (CPA 26.1, 26.2 and 26.3)				26.1 to 26.3
244	Other electronic and optical products (CPA 26.4 to 26.8)				26.4 to 26.8
245	Electrical equipment (CPA 27)				27
246	General purpose machinery (CPA 28.1 and 28.2)				28.1 and 28.2
247	Special purpose machinery (CPA 28.3 to 28.9)				28.3 to 28.9
	<i>Transport equipment</i>				
248	Motor vehicles, trailers and semi-trailers (CPA 29)				29
249	Other transport equipment (CPA 30)				30
	<i>Construction</i>				
	<i>Residential buildings</i>				
250	Residential buildings (CPA 41)				41
	<i>Non-residential buildings</i>				
251	Non-residential buildings (CPA 41)				41

▼ **M1**

BH number	Description	COICOP ⁽¹⁾	COPNI ⁽²⁾	COFOG ⁽²⁾	CPA 2008 ⁽³⁾
	<i>Civil engineering works</i>				
252	Civil engineering works (CPA 42)				42
	<i>Other products</i>				
	<i>Other products</i>				
253	Furniture and other manufactured goods (CPA 31 and 32)				31 and 32
254	Computer software (CPA 58.2 and 62.01)				58.2 and 62.01
255	Other products n.e.c.				rest
	Changes in inventories				
	<i>Changes in inventories</i>				
	<i>Changes in inventories</i>				
256	Changes in inventories				
	Acquisitions less disposals of valuables				
	<i>Acquisitions less disposals of valuables</i>				
	<i>Acquisitions less disposals of valuables</i>				
257	Acquisitions less disposals of valuables				
	BALANCE OF EXPORTS AND IMPORTS				
	Balance of exports and imports				
	<i>Balance of exports and imports</i>				
	<i>Balance of exports and imports</i>				
258	Balance of exports and imports				

⁽¹⁾ Further breakdown of COICOP as defined in chapter 23 of Annex A to Regulation (EU) No 549/2013.

⁽²⁾ As defined in chapter 23 of Annex A to Regulation (EU) No 549/2013.

⁽³⁾ As defined in Commission Regulation (EU) No 1209/2014.