



EUROPEAN COMMISSION
EUROSTAT

Directorate E: Sectoral and regional statistics
Unit E-5: Energy

Luxembourg, 12 February 2015

**ENERGY STATISTICS OF THE EUROPEAN UNION:
CONCEPTS AND DEFINITIONS
ON ALL FLOWS ("AGGREGATES") AND PRODUCTS
USED IN THE ENERGY STATISTICS ON QUANTITIES**

INTRODUCTION

The time series in the database of Energy statistics – quantities consist of energy flows and structural data. Imports, exports and internal energy flows are given for a number of products, including electricity, coal, oil, natural gas and renewable energies. Internal flows of energy products are expressed as aggregates representing production, transformation and end use of the products. Structural data are given by products accompanied by structural aggregates, e.g. as net generation capacity of electricity.

In this document the aggregates are defined in Chapter 1 and products in Chapter 2.

If no further specified, all basic definitions on aggregates and products are defined by Regulation (EC) No 1099/2008 On Energy Statistics,

Hyperlink:

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

Other European Regulations having s influence on various energy data aspects in several areas (biofuels, renewables, cogeneration, energy efficiency and oil stocks) are the following:

- Directive 2009/28/EC of the European Parliament and of the Council of 23 April 2009 on the promotion of the use of energy from renewable sources and amending and subsequently repealing Directives 2001/77/EC and 2003/30/EC (Text with EEA relevance).

Hyperlink:

<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1422269478223&uri=CELEX:32009L0028>

- Council Directive 2009/119/EC of 14 September 2009, imposing an obligation on member states to maintain minimum stocks of crude oil and / or petroleum products.

Hyperlink:

<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1422269994447&uri=CELEX:32009L0119>

- Directive 2012/27/EU of the European Parliament and of the Council of 25 October 2012 on energy efficiency, amending Directives 2009/125/EC and 2010/30/EU and repealing Directives 2004/8/EC and 2006/32/EC (Text with EEA relevance).

Hyperlink:

<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1422270312950&uri=CELEX:32012L0027>

CHAPTER 1: AGGREGATES

B_100100 INDIGENOUS PRODUCTION

Any kind of extraction of energy products from natural sources within the concerned state to a usable form is called indigenous production. It takes place when the natural sources are exploited, for example extraction in coal mines and crude oil fields or generation of electricity in hydro power plants. Transformation of energy from one form to another, such as electricity or heat generation in thermal power plants, or coke production in coke ovens, is not primary production. More specific definitions by product are given below.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 2111 Hard coal
 2210 Lignite / Brown Coal

PETROLEUM PRODUCTS

Primary production covers natural gas liquids and other products obtained on production, purification and stabilisation of natural gas and which can be consumed without refining. By definition the production of refineries is not primary production and in Eurostat's energy statistics is presented as Transformation output.

Source: Eurostat

Regulation (EC) No 1099/2008 on Energy Statistics,
Joint International Energy Agency/Eurostat/United Nations Economic Commission For Europe annual questionnaire on solid fossil fuels and manufactured gases

Hyperlink:

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

Related terms: 3200 All petroleum products (without bio components)

NATURAL GAS

Dry marketable production, measured after purification and extraction of Natural Gas Liquids and sulphur is considered as primary production. It does not include quantities re-injected,

extraction losses, or quantities vented and flared. It includes quantities used within the natural gas industry, in gas extraction, pipeline systems and processing plants. Production within national boundaries including off-shore production is covered.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Natural Gas Annual Questionnaire

Related terms: 4100 Natural gas

NUCLEAR HEAT

The heat produced in a reactor as a result of nuclear fission is regarded as primary production of nuclear heat, or in other words nuclear energy. It is the actual heat produced or calculated on the basis of reported gross electricity generation and the thermal efficiency of the nuclear plant. The gross electricity generation is measured at the outlet of the main transformers, i.e. the consumption of electricity in the plant auxiliaries and in transformers is included.

Source: Eurostat

Related terms: 5100 Nuclear energy

SOLAR ENERGY (FLAT PLATE COLLECTORS)

Primary energy production (TJ) is the heat available to the heat transfer medium, i.e. the incident solar energy less optical and collector's losses. Passive solar and solar photovoltaic are not included.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 5532 Solar thermal

HYDRO-POWER, WIND ENERGY, SOLAR PHOTOVOLTAIC

Primary energy production (TJ) is the gross electricity generation in hydro power plants, wind turbines, tidal barrages and photovoltaic plants, assuming a conversion factor of 3 600 kJ/kWh. Primary production of hydropower comprises generation in natural water flow plants. The gross electricity generation is measured at the outlet of the main transformers, i.e. the consumption of electricity in the plant auxiliaries and in transformers are included.

Source: Eurostat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 5510 Hydro power
5520 Wind Power
5534 Solar Photovoltaic

GEOTHERMAL ENERGY

Primary energy production is the enthalpy difference between the fluid produced in the production borehole and of the fluid eventually disposed of (reinjection borehole).

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 5550 Geothermal Energy

BIOMASS/WASTES

In the case of municipal solid waste (MSW) and solid biofuels (wood/wood waste/other solid waste), primary energy production represents the heat produced after combustion (corresponding to the net calorific value of the fuel). In the case of anaerobic digestion of wet biomass/wastes, primary energy production corresponds to the heat content (net calorific value) of the biogases produced, including the gases consumed in the installation for the fermentation processes but net of flare. Primary production in the case of liquid biofuels corresponds to the heat content (net calorific value) of the fuel.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 5540 Biomass & Renewable Wastes

INDUSTRIAL WASTE (NON-RENEWABLE)

Primary energy production represents the heat content (Net Calorific Value, NCV) of the industrial waste used as fuel. Renewable industrial waste is reported in the Solid biofuels, Biogases and/or Liquid biofuels categories.

MUNICIPAL WASTE

Primary energy production represents the heat content (NCV) of the municipal waste used as fuel.

SOLID BIOFUELS

Primary energy production represents the heat content (NCV) of the solid biofuels used as fuel. The following solid biofuels are covered: fuel wood, wood residues and by-products, wood pellets, black liquor, bagasse, animal waste, other vegetal materials and residues.

BIOGASES

Primary energy production corresponds to the heat content (NCV) of the biogases produced, including the gases consumed in the installation for the fermentation processes but excluding flared gases. The following biogases are covered: Biogases from anaerobic fermentation (landfill gas, sewage sludge gas, other biogases from anaerobic fermentation) and biogases from thermal processes.

LIQUID BIOFUELS

Production for energy purposes of finished products only, not the total volume of liquids into which liquid biofuels may have been blended (see Definitions of Renewable Energy and Waste Sources section).

B_100110 PRIMARY PRODUCT RECEIPTS

Quantities of indigenous or imported crude oil (including condensate) and indigenous Natural Gas Liquids which are *used directly* without being processed in a petroleum refinery (for example, crude oil used to generate electricity are considered *Primary product receipts of crude oil*).

Quantities of indigenous Natural Gas Liquids which are not included in *Refinery intake* should be reported in Primary product receipts of Natural Gas Liquids, then transferred through the Interproduct transfers line to the allocated product type. This flow includes the amounts of Backflows from the petrochemical industry which, although not primary fuel, are used directly.

B_100112 DIRECT USE

Crude oil, Natural Gas Liquids and Other hydrocarbons which are used directly without being processed in petroleum refineries are reported as Direct use. This includes, for example, crude oil burned for electricity generation.

B_100200 FROM OTHER SOURCES

Receipts *From other sources* include supplies of energy commodities, the production of which has already been covered in other fuel balances.

B_150201 *Oil:* e.g. LPG for upgrading the quality e.g. heat content of natural gas or petroleum coke addition to coking coal for coke ovens.

B_150202 *Natural gas:* e.g. the manufacture of synthetic gasoline requires natural gas as feedstock. The amount of gas for methanol manufacture is accounted for in the natural gas balance, while the receipts of methanol are reported as Receipts from other sources in the oil balance.

B_150203 *Renewables:* e.g. the biofuels which are for blending with transport fuels. Production is reported in the Renewables questionnaire, while amounts for blending are reported in Receipts from other sources.

B_150204 *Coal:* e.g. liquids produced from coal liquefaction plants, the liquid output from coke ovens. It consists of two components: Firstly, it includes recovered slurries, middlings and other low-grade coal products, which cannot be classified according to type of coal. This includes coal recovered from waste piles and other waste receptacles. Secondly, it includes supplies of fuel of which production is covered in other fuel energy balances, but for which consumption will occur in the coal energy balance.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires on solid fuels, oil, natural gas and renewables.

B_100210 RECYCLED PRODUCTS

These are finished (petroleum) products which pass a second time through the marketing network, *after* having been once delivered to final consumers (e.g. used lubricants which are reprocessed). These quantities should be distinguished from petrochemical Backflows.

Source: Eurostat

B_100400 STOCK CHANGES (NATIONAL TERRITORY)

The difference between the opening stock level and closing stock level for stocks held on national territory.

For natural gas, variations of stocks represent also the quantities of gas introduced into and removed from the transportation systems.

For natural gas it refers to recoverable natural gas stored in special storage facilities (depleted gas and/or oil field, aquifer, salt cavity, mixed caverns, or other) as well as liquefied natural gas storage. Cushion gas should be excluded.

B_100300 IMPORTS

Imports represent all entries into the national territory excluding transit quantities (notably via gas and oil pipelines). However, if electricity is transited through a country, the amount should be reported as both an import and an export. In annual data collections, imports refer to the country of ultimate origin, whereas in monthly data collections imports refer to the neighbouring country or country of last consignment.

Data reflect amounts having crossed the national territorial boundaries, whether customs clearance has taken place or not. Quantities of crude oil and products imported or exported under processing agreements (i.e. refining on account) should be included. Crude oil and Natural Gas Liquids should be reported as coming from the country of ultimate origin; Refinery feed stocks and finished products should be reported as coming from the country of last consignment. Any gas liquids (e.g. Liquefied petroleum gas) extracted during the regasification process of imported Liquefied natural gas should be reported under inputs "Receipts from other sources" of Other hydrocarbons in the annual oil questionnaire. Petroleum products imported or exported directly by the petrochemical industry should be included.

Note: Data on imports are generally taken from importers' declarations; accordingly, they may differ from the data collected by the customs authorities and included in the foreign-trade statistics.

In the case of crude oil and petroleum products, imports represent the quantities delivered to the national territory and, in particular, those quantities:

- (i) destined for treatment on behalf of foreign countries;
- (ii) only imported on a temporary basis;
- (iii) imported and deposited in uncleared bonded warehouses;
- (iv) imported and placed in special warehouses on behalf of foreign countries;
- (v) imported from regions and/or territories overseas under national sovereignty.

Source: Regulation (EC) No 1099/2008 on energy statistics and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires on solid fuels, oil, natural gas and renewables.

Hyperlink: <http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

B_100500 EXPORTS

Exports represent all quantities leaving the national territory excluding transit quantities (notably via gas and oil pipelines). Amounts are considered as exported when they have crossed the political boundaries of the country, whether customs clearance has taken place or not. In annual data collections, exports refer to the country of final destination, whereas in monthly data collections imports refer to the neighbouring country or country of next consignment.

In the case of crude oil and petroleum products, exports represent the quantities delivered to the national territory of foreign countries and, in particular, those quantities:

- (i) destined for treatment in other countries;
- (ii) only exported on a temporary basis;
- (iii) exported and deposited in uncleared bonded warehouses;
- (iv) exported and placed in special warehouses in foreign countries;
- (v) exported to regions and/or territories overseas under national sovereignty;
- (vi) re-exported after treatment or transformation;
- (vii) supplied to national or foreign troops stationed abroad (in so far as secrecy permits this).

Quantities of crude oil and products exported under processing agreements (i.e. refining on account) should be included. Crude oil and Natural Gas Liquids should be reported as coming from the country of ultimate origin; Refinery feedstocks and finished products should be reported as coming from the country of last consignment. Any gas liquids (e.g. Liquefied petroleum gas) extracted during the regasification process of imported Liquefied natural gas should be reported under inputs "Receipts from other sources" of Other hydrocarbons in the annual oil questionnaire. Petroleum products imported or exported directly by the petrochemical industry should be included.

Re - exports of oil imported for processing within bonded areas should be included as an export of product from the processing country to the final destination.

Source: Regulation (EC) No 1099/2008 on energy statistics

Hyperlink: <http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

B_100800 INTERNATIONAL MARINE BUNKERS

Quantities of fuels delivered to ships of all flags that are engaged in international navigation. The international navigation may take place at sea, on inland lakes and waterways, and in coastal waters. Excluded is:

- consumption by ships engaged in domestic navigation. The domestic/international split should be determined on the basis of port of departure and port of arrival, and not by the flag or nationality of the ship,

- consumption by fishing vessels,

- consumption by military forces.

Aviation bunkers are not included here, but in the final energy consumption of transport (Code 101900).

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 101900 Final energy consumption – transport

B_100900 GROSS INLAND CONSUMPTION

Gross inland consumption of all products (code 0000) represents the quantity of energy necessary to satisfy inland consumption of the geographical entity under consideration. Its interpretation for individual products is different.

Gross inland consumption is calculated as follows: indigenous production (Code B_100100) + B_100110 Primary product receipts - B_100112 Direct use + from other sources (Code B_100200) + imports (Code B_100300) + stock changes (Code B_100400) – exports (Code B_100500) – international marine bunkers (Code B_100800).

Source: Eurostat

Related terms: B_100100 Indigenous production

B_100300 Imports

B_100400 Stock changes

B_100600 Exports

B_100800 International Marine Bunkers

B_101000 TRANSFORMATION INPUT

Transformation input covers all inputs into the transformation plants destined to be converted into derived products. Transformation is only recorded when the energy products are physically or chemically modified to produce other energy products, electricity and/or heat. This code = B_101001 (Input in conventional thermal power stations) + B_101002 (Input in nuclear power stations) + B_101004 (Input in coke-ovens) + B_101006 (Input in blast furnaces) + B_101007 (Input in gas-works) + B_101008 (Input in refineries) + B_101009

(Input in district heating plants) + B_101010 Transformation input in Patent Fuel Plants + B_101011 (Transformation input in BKB / PB Plants) + B_101012 (Transformation input in Coal Liquefaction Plants) + B_101013 (transformation input - For Blended Natural Gas) + B_101015 (Transformation input in Charcoal production plants (transformation)) + B_101016 (Transformation input in Gas-to-Liquids (GTL) Plants (Transformation)) + B_101017 (Transformation input - Used for electricity generation) + B_101020 (Non-specified Transformation input).

Source: Eurostat and Regulation (EC) No 1099/2008 On Energy Statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission For Europe annual questionnaire on solid fossil fuels and manufactured gases

Hyperlink: <http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

Related terms:

- B_101001 Input in conventional power stations
- B_101002 Input in nuclear power stations
- B_101004 Input in coke ovens
- B_101006 Input in blast-furnaces
- B_101007 Input in gas-works
- B_101008 Input in refineries
- B_101009 Input in district heating plants
- B_101010 Input in Patent Fuel Plants
- B_101011 Input in BKB / PB Plants
- B_101012 Input in Coal Liquefaction Plants
- B_101013 Input in For Blended Natural Gas
- B_101015 Input in Charcoal production plants (transformation)
- B_101016 Input in Gas-to-Liquids (GTL) Plants (Transformation)
- B_101017 Input - Used for electricity generation
- B_101020 Non-specified Transformation input
- B_101021 Input in Main Activity Producer Conventional Power Stations
- B_101022 Input in Autoproducer Producer Conventional Power Stations

B_101031 Input in Main Activity Producer Electricity Plants

B_101032 Input in Main Activity Producer CHP Plants

B_101034 Input in Autoproducer Electricity Plants

B_101035 Input in Autoproducer CHP Plants

B_101038 Input in Main Activity Producer Heat Plants

B_101039 Input in Autoproducer Heat Plants

B_101001 TRANSFORMATION INPUT IN CONVENTIONAL THERMAL POWER STATIONS

Input to conventional thermal power stations covers fuel transformed in conventional main activity power stations for the production of electricity and heat, as well as in autoproducer power stations for the generation of electricity and heat sold to third parties only. Public supply thermal power stations are defined as undertakings which generate electricity (and heat) for sale to third parties as their primary activity. They may be privately or publicly owned. Autoproducer thermal power stations are defined as undertakings which generate electricity wholly or partly for their own use as an activity which supports their primary activity.

B_{101001} (Transformation input - Conventional Thermal Power Stations) = B_{101021} (Transformation input - Main Activity Producer Conventional Thermal Power Stations) + B_{101022} (Transformation input - Autoproducer Conventional Thermal Power Stations)

Source: Eurostat

Regulation (EC) No 1099/2008 On Energy Statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission For Europe annual questionnaire on solid fossil fuels and manufactured gases

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

Related terms: B_101021 Input – Main Activity Producer Conventional Power Stations

B_101022 Input – Autoproducer Conventional power stations

B_101002 TRANSFORMATION INPUT IN NUCLEAR POWER STATIONS

Energy released by nuclear fission or nuclear fusion. Input to nuclear power stations comprises the heat released in the reactor core by the fission (or fusion) of nuclear fuel, which will be eventually transformed into electricity.

B_101004 TRANSFORMATION INPUT IN COKE-OVENS

Input to coke-ovens covers fuels (oil, natural gas, coking coal, coal breeze and lignite or sub-bituminous coal) used for transformation into coke oven coke and coke-oven gas.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101006 TRANSFORMATION INPUT IN BLAST-FURNACES

Input to blast-furnaces covers the use of coke-oven-coke as fuel for heat production and as source for the carbon dissolved in the pig iron. Some part of the carbon is transformed into *blast furnace gas*. The amount of injected coal (coke or pulverised coal) corresponding to the entire calorific content of the blast furnace gas produced is considered as transformation input, whilst the rest of the injected coal is classified as final energy consumption of the fuel in question.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

B_101007 TRANSFORMATION INPUT IN GAS-WORKS

Input to gas-works consists of coal, naphtha, gas/diesel oil, liquefied petroleum gas (Liquefied petroleum gas) and natural gas used in the production of gas works gas by distillation, cracking, reforming or hydrogenation.

Quantities of natural gas, coke-oven gas, blast furnace gas used as mixtures with gas-works gas destined for distribution in the original state are not included here but are entered as inter-product transfers.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101008 TRANSFORMATION INPUT IN REFINERIES

Input to refineries consists of crude oil and intermediary products (feedstocks) treated in the refineries, including treatment on behalf of foreign countries. The quantities of oil products re-treated in the refineries (recycling) are also included.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

B_101009 TRANSFORMATION INPUT IN DISTRICT HEATING PLANTS

Input to district heating plants consists of fuels used in district heating plants. Delivered heat may be used for process or space heating purposes in any sector of economic activity including the residential sector.

B_101009 (Transformation input - District Heating Plants) = + B_101038 (Transformation input in Main Activity Producer Heat Only Plants) + B_101039 (Transformation input in Autoproducer Heat Only Plants) + B_101322 (Used for heat pumps) + B_101323 (Used for electric boilers)

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

B_101010 TRANSFORMATION INPUT PATENT FUEL PLANTS

Transformation input in Patent Fuel Plants covers quantities of energy used to produce patent fuel.

B_101011 TRANSFORMATION INPUT IN BKB / PB PLANTS

Transformation input in BKB / PB Plants covers the quantity of energy used for the production of BKB and the quantity of peat for peat briquettes (PB) and other peat products.

B_101012 TRANSFORMATION INPUT IN COAL LIQUEFACTION PLANTS

Transformation input in Coal Liquefaction Plants covers quantities of coal, oil shale and tar sands used to produce synthetic oil.

B_101013 TRANSFORMATION INPUT FOR BLENDED NATURAL GAS

Transformation input for blended natural gas covers quantities of coal gases or petroleum gas products blended with natural gas.

B_10115 TRANSFORMATION INPUT IN CHARCOAL PRODUCTION PLANTS

Transformation input in Charcoal production plants covers renewables and waste consumed as energy at charcoal plants.

B_101016 TRANSFORMATION INPUT IN GAS-TO-LIQUIDS (GTL) PLANTS

Transformation input in Gas-to-liquids (GTL) Plants covers quantities of natural gas used as feedstock for the conversion to liquids e.g. the quantities of fuel entering the methanol production process for transformation into methanol. The output of liquids from this transformation process should be reported under inputs “Receipts from other sources”.

Source: Regulation (EC) No 1099/2008 on Energy Statistics

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

B_101017 TRANSFORMATION INPUT – USED FOR ELECTRICITY GENERATION

Transformation input - used for electricity generation covers products used for electricity generation.

B_101020 NON-SPECIFIED TRANSFORMATION INPUT

Transformation input is reported under Non-specified only as a last resort, if a final breakdown into the above sub-sectors is not available.

B_101021 TRANSFORMATION INPUT IN MAIN ACTIVITY PRODUCER – COVENTIONAL POWER STATIONS

Transformation input – main activity producer conventional power stations consists of fuels transformed into electricity and heat (if any) in public thermal power stations. Public supply thermal power stations are defined as undertakings which generate electricity (and heat) for sale to third parties as their primary activity. They may be privately or publicly owned.

Electricity only plant refers to a plant which is designed to produce only electricity. If one or more units of the plant is a CHP unit (see below) then the whole plant is designated as a CHP plant.

- Combined heat and power (CHP) plant refers to a plant which is designed to produce both heat and electricity. It is sometimes referred to as a co-generation power station. If possible, fuel inputs and electricity/heat outputs should be reported on a unit basis rather than on a plant basis. However, if data are not available on a unit basis, the convention for defining a CHP plant noted above should be adopted.
- Heat plant refers to a plant which is designed to produce only heat. Note: Heat delivered from CHP or Heat plants may be used for process or space heating purposes in any sector of economic activity including the Residential sector.

$B_101021 \text{ (Transformation input - Main Activity Producer Conventional Power Stations)} = + B_101031 \text{ (Transformation input in Main Activity Producer Electricity Plants)} + B_101032 \text{ (Transformation input in Main Activity Producer CHP Plants)}$

Source: Eurostat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: B_101001 Transformation input in conventional thermal power stations

B_101022 Transformation input in autoproducer conventional power stations

B_101021 Transformation input in Main Activity Producer Conventional Power Stations

B_101022 TRANSFORMATION INPUT – AUTOPRODUCER CONVENTIONAL POWER STATIONS

Transformation input – autoproducer conventional power stations consists of fuels transformed into electricity as well as the part of fuels used for the heat sold to third parties (Combined heat and power plants) by autoproducer thermal power stations. Autoproducer thermal power stations are defined as undertakings which generate electricity wholly or partly for their own use as an activity which supports their primary activity.

$B_101022 \text{ (Transformation input - Autoproducer Conventional Power Stations)} = + B_101034 \text{ (Transformation input in Autoproducer Electricity Plants)} + B_101035 \text{ (Transformation input in Autoproducer CHP Plants)}$

Source: Eurostat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Regulation (EC) No 1099/2008 on Energy Statistics

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

Related terms: B_101021 Transformation Input – main activity producer conventional power stations

B_101034 Transformation input in Autoproducer Electricity Plants

B_101035 Transformation input in Autoproducer CHP Plants

B_101031 TRANSFORMATION INPUT IN MAIN ACTIVITY PRODUCER ELECTRICITY PLANTS

Transformation input in Main Activity Producer Electricity Plants covers quantities of fuels used to produce electricity. Fuels used by plants containing at least one CHP unit are reported under *Main activity producer combined heat and power plants*.

B_101032 TRANSFORMATION INPUT IN MAIN ACTIVITY PRODUCER CHP PLANTS

Transformation input in Main Activity Producer CHP Plants covers quantities of fuels used to produce electricity and heat.

B_101034 TRANSFORMATION INPUT IN AUTOPRODUCER ELECTRICITY PLANTS

Transformation input in Autoproducer Electricity Plants covers quantities of fuels used to produce electricity by Autoproducers (Fuels used by plants containing at least one CHP unit are reported under *Autoproducer CHP plants*).

Regulation (EC) No 1099/2008 on Energy Statistics

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

B_101035 TRANSFORMATION INPUT IN AUTOPRODUCER CHP PLANTS

Transformation input in Autoproducer CHP Plants covers quantities of fuels that correspond to the quantity of electricity produced and heat sold by Autoproducers.

B_101038 TRANSFORMATION INPUT IN MAIN ACTIVITY PRODUCER HEAT PLANTS

Transformation input in Main Activity Producer Heat Plants quantities of fuels used to produce heat.

B_101039 TRANSFORMATION INPUT IN AUTOPRODUCER HEAT PLANTS

Transformation input in Autoproducer Heat Plants covers quantities of fuels that correspond to the quantity of heat sold by Autoproducers.

B_101100 TRANSFORMATION OUTPUT

Transformation output is the result of the transformation process of energy. This output covers derived products, namely: patent fuel, coke, brown-coal and peat briquettes, pitch, tar, benzol, refined petroleum products, derived gases, electricity from conventional thermal and nuclear power stations and derived heat. Transformation output refers always to gross production of derived products, i.e. the own consumption of the transformation plants is included. This code = B_101101 (Transformation output from conventional thermal power stations) + B_101102 (Transformation output from nuclear power stations) + B_101103 (Output from patent fuel & briquetting plants) + B_101104 (Transformation output from coke-oven plants) + B_101106 (Transformation output from blast furnace plants) + B_101107 (Transformation output from gas-works) + B_101108 (Transformation output from refineries) + B_101109 (Transformation output from district heating plants) + B_101110 (Transformation output from Patent Fuel Plants) + B_101111 (Transformation output from BKB / PB Plants) + B_101115 (Transformation output from Charcoal production Plants).

The difference between transformation input and transformation output constitutes transformation losses.

Source: Regulation (EC) No 1099/2008 on Energy Statistics

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

Related terms:

- B_101101 Transformation output - Conventional Thermal Power Stations
- B_101102 Transformation output - Nuclear Power Stations
- B_101110 Transformation output from Patent Fuel Plants
- B_101111 Transformation output from BKB / PB Plants
- B_101104 Transformation output from Coke Ovens
- B_101106 Transformation output from Blast Furnaces
- B_101107 Transformation output from Gas Works
- B_101108 Transformation output from Refineries

B_101109 Transformation output - District Heating Plants

B_101110 Transformation output from Patent Fuel Plants

B_101111 Transformation output from BKB / PB Plants

B_101115 Transformation output from Charcoal production Plants

B_101101 TRANSFORMATION OUTPUT COVENTIONAL THERMAL POWER STATIONS

Transformation output from conventional thermal power stations consists of gross electricity generation and also of any heat sold to third parties (Combined heat and power plants) by main activity producers as well as autoproducer thermal power stations.

The gross electricity generation is measured at the outlet of the main transformers, i.e. the consumption of electricity in the plant auxiliaries and in transformers is included.

B_101101 (Transformation output - Conventional Thermal Power Stations) = + B_101121 (Transformation output - Main Activity Producer Conventional Thermal Power Stations) + B_101122 (Transformation output - Autoproducer Conventional Thermal Power Stations)

Source: Eurostat

Regulation (EC) No 1099/2008 on Energy Statistics

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

Related terms: B_101121 Transformation output - Main Activity Conventional Thermal Power Stations

B_101122 Transformation output - Autoproducer Conventional Thermal Power Stations

B_101121 TRANSFORMATION OUTPUT - MAIN ACTIVITY PRODUCER CONVENTIONAL THERMAL POWER STATIONS

Transformation output in Main Activity Conventional Thermal Power Stations covers quantities of fuels used to produce electricity in conventional thermal power stations. Main activity producer undertakings generate electricity (and heat) for sale to third parties, as their primary activity. They may be privately or publicly owned. Note that the sale need not take place through the public grid.

Source: Eurostat

B_101122 TRANSFORMATION OUTPUT - AUTOPRODUCER CONVENTIONAL THERMAL POWER STATIONS

Transformation input in Autoproducer Electricity Plants covers quantities of fuels used to produce electricity by Autoproducers in conventional thermal power stations. Autoproducers are defined as undertakings which generate electricity wholly or partly for their use as an activity which supports their primary activity. They may be privately or publicly owned.

Source: Eurostat

B_101102 TRANSFORMATION OUTPUT FROM NUCLEAR POWER STATIONS

Transformation output from nuclear power stations consists of gross electricity generation in public and autoproducer nuclear power stations. The gross electricity generation is measured at the outlet of the main transformers, i.e. the consumption of electricity in the plant auxiliaries and in transformers is included.

Gross electricity generation: the sum of the electrical energy production by all the generating sets concerned measured at the output terminals of the main generators.

B_{101102} (Transformation output - Nuclear Power Stations) = + 15_{107030} (Gross electricity generation Main activity electricity only – Nuclear) + 15_{107031} (Gross electricity generation Main activity CHP plants – Nuclear) + 15_{107032} (Gross electricity generation Autoproducer electricity only – Nuclear) + 15_{107033} (Gross electricity generation Autoproducer CHP plants – Nuclear) + 15_{107060} (Gross heat production Main activity CHP plants – Nuclear) + 15_{107061} (Gross heat production Main activity heat only plants – Nuclear) + 15_{107062} (Gross heat production Autoproducer CHP plants – Nuclear) + 15_{107063} (Gross heat production Autoproducer heat only plants – Nuclear)

Source: Eurostat

Related terms:

- $15_{15_{107030}}$ Gross electricity generation Main activity electricity only – Nuclear
- $15_{15_{107031}}$ Gross electricity generation Main activity CHP plants - Nuclear
- $15_{15_{107032}}$ Gross electricity generation Autoproducer electricity only - Nuclear
- $15_{15_{107033}}$ Gross electricity generation Autoproducer CHP plants – Nuclear
- 15_{107060} Gross heat production Main activity CHP plants – Nuclear
- 15_{107061} Gross heat production Main activity heat only plants – Nuclear

15_107062 Gross heat production Autoproducer CHP plants - Nuclear

15_107063 Gross heat production Autoproducer heat only plants - Nuclear

B_101110 TRANSFORMATION OUTPUT FROM PATENT FUEL PLANTS

Transformation output from patent fuel plants consists of the production of patent fuel in patent fuel plants.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases and Regulation (EC) No 1099/2008 on Energy Statistics

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

Related terms: 2112 Patent Fuels

B_101111 TRANSFORMATION OUTPUT FROM BKB/PB PLANTS

Transformation output from patent fuel & BKB/PB plants consists of the production of brown coal and peat briquettes in patent fuel and briquetting plants.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 2230 BKB (brown coal briquettes)

BKB is a composition fuel manufactured from lignite coal, or sub-bituminous coal, produced by briquetting under high pressure without the addition of a binding agent. These figures include dried lignite fines and dust.

B_101104 TRANSFORMATION OUTPUT FROM COKE OVENS

Transformation output from coke-oven plants consists of derived products from the distillation process of coal in coke-oven plants, namely: coke, coke-oven gas, pitch, benzol and tar.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 2121 Coke Oven Coke

4210 Coke-oven gas

B_101106 TRANSFORMATION OUTPUT FROM BLAST FURNACES

Transformation output from blast-furnace plants is also called blast furnace gas, a by-product of coal consumed in blast furnaces in reduction process of iron ores.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 4220 Blast Furnace Gas

B_101107 TRANSFORMATION OUTPUT FROM GAS WORKS

Transformation output from gas-works consists of gas-works gas and gas coke produced in plants whose main aim is the production and distribution of derived gas. This excludes mixtures and gas in the original state obtained from other gas producers.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases and Regulation (EC) No 1099/2008 on Energy Statistics

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

Related terms: 2122 Gas Coke
 4230 Gasworks gas

B_101108 TRANSFORMATION OUTPUT FROM REFINERIES

Transformation output from refineries consists of gross production of refined petroleum products (including own-consumption of refineries). These petroleum products are refinery gas, Liquefied petroleum gas, motor spirit, kerosenes and jet fuels, naphtha, gas diesel oil, residual fuel oil, white & industrial spirit, lubricants, bitumen and petroleum coke.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3214 Refinery Gas
 3220 Liquefied petroleum gas (LPG)
 3230 Motor spirit /motor gasoline
 3247 Kerosene type jet fuel (without bio components)

- 3250 Naphtha
- 3260 Gas / diesel oil (without bio components)
- 3270A Total fuel oil
- 3281 White Spirit and SBP (industrial spirit)
- 3282 Lubricants
- 3283 Bitumen
- 3285 Petroleum coke

B_101109 TRANSFORMATION OUTPUT FROM DISTRICT HEATING PLANTS

Output from district heating plants consists of heat produced in district heating plants used for process or space heating in any sector of economic activity including the residential sector. Only the heat sold to third parties is included.

B_101109 (Transformation output - District Heating Plants) = + 15_107061 (Gross heat production Main activity heat only plants – Nuclear) + 15_107065 (Gross heat production Main activity heat only plants – Geothermal) + 15_107069 (Gross heat production Main activity heat only plants – Solar) + 15_107073 (Gross heat production Main activity heat only plants - Combustible Fuels) + 15_107077 (Gross heat production Main activity heat only plants - Heat Pumps) + 15_107081 (Gross heat production Main activity heat only plants - Electric Boilers) + 15_107087 (Gross heat production Main activity heat only plants - Other Sources) + 15_107063 (Gross heat production Autoproducer heat only plants – Nuclear) + 15_107067 (Gross heat production Autoproducer heat only plants – Geothermal) + 15_107071 (Gross heat production Autoproducer heat only plants – Solar) + 15_107075 (Gross heat production Autoproducer heat only plants - Combustible Fuels) + 15_107079 (Gross heat production Autoproducer heat only plants - Heat Pumps) + 15_107083 (Gross heat production Autoproducer heat only plants - Electric Boilers) + 15_107085 (Gross heat production Autoproducer heat only plants - Heat from Chemical Sources) + 15_107089 (Gross heat production Autoproducer heat only plants - Other Sources)

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms:

- 15_107061 Gross heat production Main activity heat only plants - Nuclear
- 15_107065 Gross heat production Main activity heat only plants - Geothermal
- 15_107069 Gross heat production Main activity heat only plants - Solar

- 15_107073 Gross heat production Main activity heat only plants - Combustible Fuels
- 15_107077 Gross heat production Main activity heat only plants - Heat Pumps
- 15_107081 Gross heat production Main activity heat only plants - Electric Boilers
- 15_107087 Gross heat production Main activity heat only plants - Other Sources
- 15_107063 Gross heat production Autoproducer heat only plants - Nuclear
- 15_107067 Gross heat production Autoproducer heat only plants - Geothermal
- 15_107071 Gross heat production Autoproducer heat only plants - Solar
- 15_107075 Gross heat production Autoproducer heat only plants - Combustible Fuels
- 15_107079 Gross heat production Autoproducer heat only plants - Heat Pumps
- 15_107083 Gross heat production Autoproducer heat only plants - Electric Boilers
- 15_107085 Gross heat production Autoproducer heat only plants - Heat from Chemical Sources
- 15_107089 Gross heat production Autoproducer heat only plants - Other Sources

B_101200 EXCHANGES, TRANSFERS, RETURNS

Exchanges, transfers, returns are the sum of the interproduct transfers (Code B_101210), product transfers (Code B_101220) and returns from the petrochemical industry (Code B_101230).

Source: Eurostat

Related terms:

- B_101210 Interproduct transfers
- B_101220 Products transferred
- B_101230 Returns from petrochemical industry

B_101210 INTERPRODUCT TRANSFERS

Interproduct transfers result from reclassification of products either because their specification has changed, or because they are blended with another product. For example, quantities of kerosene may be reclassified as gasoil after blending with the latter in order to meet its winter diesel specification or biofuels which are blended with conventional fuels. This operation would produce negative “Interproduct transfers” for kerosene and positive for gasoil.

Source: Eurostat

B_101220 PRODUCTS TRANSFERRED

Products transferred are imported energy products, e.g. in the case of oil, products which are reclassified as refinery feedstock for further processing in the refinery, without delivery to final consumers. Other examples of products transferred are used in renewable energy sources, like hydropower, wind and solar photovoltaic, which are transferred to electricity.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil, Electricity and Renewables and Wastes Annual Questionnaires

B_101230 RETURNS FROM PETROCHEMICAL INDUSTRY

Returns from petrochemical industry cover finished or semi-finished products, which are returned from final consumers to refineries for processing, blending or sale. They are usually by-products of petrochemical manufacturing processes. Transfers from one refinery to another within the country are excluded.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

B_101300 CONSUMPTION IN ENERGY SECTOR

The consumption of the energy sector covers the consumption of own-produced energy and of energy purchased by energy producers and transformers in operating their installations.

$$\begin{aligned} B_{101300} \text{ (Consumption in Energy Sector)} = & + B_{101301} \text{ (Own Use in Electricity, CHP} \\ & \text{and Heat Plants)} + B_{101302} \text{ (Pumped storage power stations balance)} + \\ & B_{101305} \text{ (Consumption in Oil and gas extraction)} + B_{101307} \text{ (Consumption in Petroleum} \\ & \text{Refineries)} + B_{101308} \text{ (Consumption in Nuclear industry)} + B_{101310} \text{ (Consumption in} \\ & \text{Coal Mines)} + B_{101311} \text{ (Consumption in Patent Fuel Plants)} + B_{101312} \text{ (Consumption in} \\ & \text{Coke Ovens)} + B_{101313} \text{ (Consumption in BKB / PB Plants)} + B_{101314} \text{ (Consumption in} \end{aligned}$$

Gas Works) + B_101315 (Consumption in Blast Furnaces) + B_101316 (Consumption in Coal Liquefaction Plants) + B_101317 (Consumption in Liquefaction (LNG) / regasification plants) + B_101318 (Consumption in Gasification plants for biogas) + B_101319 (Consumption in Gas-to-liquids (GTL) plants (energy)) + B_101320 (Consumption in Non-specified (Energy)) + B_101321 (Consumption in Charcoal production plants (Energy))

Related terms:

- B_101301 Own Use in Electricity, CHP and Heat Plants
- B_101302 Pumped storage power stations balance
- B_101305 Consumption in Oil and gas extraction
- B_101307 Consumption in Petroleum Refineries
- B_101308 Consumption in Nuclear industry
- B_101310 Consumption in Coal Mines
- B_101311 Consumption in Patent Fuel Plants
- B_101312 Consumption in Coke Ovens
- B_101313 Consumption in BKB / PB Plants
- B_101314 Consumption in Gas Works
- B_101315 Consumption in Blast Furnaces
- B_101316 Consumption in Coal Liquefaction Plants
- B_101317 Consumption in Liquefaction (LNG) / regasification plants
- B_101318 Consumption in Gasification plants for biogas
- B_101319 Consumption in Gas-to-liquids (GTL) plants (energy)
- B_101320 Consumption in Non-specified (Energy)
- B_101321 Consumption in Charcoal production plants (Energy)

Source: Eurostat

B_101301 OWN USE IN ELECTRICITY, CHP AND HEAT PLANTS

Consumption in the energy sector at electricity plants, combined heat and power plants, and heat plants.

Source: Eurostat

B_101302 PUMPED STORAGE POWER STATIONS BALANCE

Pumped storage plants balance covers losses from pumping in pumped storage plants. To keep to the strict definition of transformation, pumping is not considered as a transformation activity by the electricity producer. Pumping losses defined as the difference between the electrical energy absorbed in pumping and the electrical energy produced by the plant are thus considered as own consumption by the producer, in the same way as the consumption of the auxiliary services of the power stations (Code 101301).

B_101302 (Pumped storage power stations balance) = + 17_107302 (Used for pumped storage) - 17_107301 (Production in pumped storage power stations)

Source: Regulation (EC) No 1099/2008 on Energy Statistics

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

Related terms: 17_17_107301 Production in Pumped storage power stations

17_17_107302 Used for pumped storage

B_101307 CONSUMPTION IN PETROLEUM REFINERIES

Consumption in petroleum refineries covers all fuels as energy to support the extraction and preparation of petroleum products with the petroleum industry (in petroleum refineries).

B_101308 CONSUMPTION IN NUCLEAR INDUSTRY

Consumption in nuclear industry covers all fuels consumed as energy to support the manufacture of chemical materials for atomic fission and fusion and the products of these processes.

B_101310 CONSUMPTION IN COAL MINES

Consumption in coal mines covers all fuels consumed as energy to support the extraction and preparation of coal within the coal mining industry. Coal burned in pithead power stations should be reported in the Transformation sector.

B_101311 CONSUMPTION IN PATENT FUEL PLANTS

Consumption patent fuel covers the quantities consumed to support the extraction and preparation of patent fuel. However, quantities of fuel consumed in patent fuel plants are to be classified as transformation input in autoproducer power plants (Code B_101022).

B_101312 CONSUMPTION IN COKE OVENS

Consumption – coke-oven plants covers the quantities consumed for the functioning of the coke-oven plants. However, quantities of fuels consumed in power plants in coke oven plants are classified as transformation input in autoproducer power plants (Code B_101022).

B_101313 CONSUMPTION IN BKB / PB PLANTS

Consumption –briquetting plants covers the quantities consumed to support the extraction and preparation of coal within the coal mining industry, as well as in the patent fuel and briquetting plants. However, quantities of fuels consumed in power plants in mines and patent fuel/briquetting plants are to be classified as transformation input in autoproducer power plants (Code B_101022).

Source: Regulation (EC) No 1099/2008 on Energy Statistics

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

Related terms: B_101022 Transformation input in Autoproducer Conventional Power Stations

B_101314 CONSUMPTION IN GAS WORKS

Consumption –gas-works plants covers the quantities consumed for the functioning of the gas works. However, quantities of fuels consumed in power plants igas-works plants are classified as transformation input in autoproducer power plants (Code B_101022).

Source: Eurostat

Related terms: B_101022 Transformation input in Autoproducer Conventional Power Stations

B_101315 CONSUMPTION IN BLAST FURNACES

Consumption in blast furnances all fuels consumed as energy used in blast furnaces.

B_101305 CONSUMPTION – OIL & GAS EXTRACTION PLANTS

Consumption – oil & gas extraction covers all quantities consumed by the producers of crude oil and natural gas. However, quantities of fuels consumed in power plants in oil & gas extraction industry are to be classified as transformation input in autoproducer power plants (Code B_101022).

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Coal Annual Questionnaire

B_101316 CONSUMPTION IN COAL LIQUEFACTION PLANTS

Consumption in coal liquefaction plants covers all fuels consumed as energy at coal liquefaction plants.

B_101317 CONSUMPTION IN LIQUEFACTION (LIQUEFIED NATURAL GAS)/REGASIFICATION PLANTS

Consumption covers all natural gas consumed as fuel at gas liquefaction and regasification plants.

B_101318 CONSUMPTION IN GASIFICATION PLANTS FOR BIOGAS

Consumption covers all renewables and waste consumed as energy necessary to support temperatures needed for anaerobic fermentation.

B_101319 CONSUMPTION IN GAS-TO-LIQUIDS (GTL) PLANTS (ENERGY)

Consumption covers all natural gas consumed as fuel at the Gas-to-liquids conversion plants

B_101320 CONSUMPTION IN NON-SPECIFIED (ENERGY) Consumption in non-specified (energy) here fuels consumed as energy for other purposes not reported above (which means not reported under B_101310, B_101315, B_101316, B_101317, B_101318 and B_101319)

B_101321 CONSUMPTION IN CHARCOAL PRODUCTION PLANTS (ENERGY)

Consumption covers all renewables and waste consumed as energy at charcoal plants.

B_101322 USED FOR HEAT PUMPS

Electricity used in heat pumps for which the heat output is reported as annual gross and net electricity and heat production.

B_101323 USED FOR ELECTRIC BOILERS

Electricity used in electricity boilers for which the heat output is reported as annual gross and net electricity and heat production.

B_101400 DISTRIBUTION LOSSES

Own use and losses of the natural gas industry consist of all losses due to transport or distribution of electrical energy, heat, natural gas and derived gases, as well as pipeline losses. For electricity, losses in transformers which are not considered as integral parts of the power plants are also included.

Source: Eurostat

B_101500 ENERGY AVAILABLE FOR FINAL CONSUMPTION

Energy available for final consumption covers the energy placed at the disposal of final users. This code is defined (calculated) as:

Total non-energy use + Final Energy Consumption (Industry + Transport + Other sectors). It excludes deliveries for transformation, use by the energy producing industries, and distribution losses.

B_{101500} (Energy Available for Final Consumption) = + B_{100900} (Gross inland consumption) - B_{101000} (Transformation input) + B_{101100} (Transformation output) + B_{101200} (Exchanges, Transfers, Returns) - B_{101300} (Consumption in Energy Sector) - B_{101400} (Distribution losses)

Source: Eurostat

Regulation (EC) No 1099/2008 on Energy Statistics

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Related terms:

- B_100900 Gross inland consumption
- B_101000 Transformation input
- B_101100 Transformation output
- B_101200 Exchanges, transfers, returns
- B_101300 Consumption of the energy sector
- B_101400 Distribution losses

B_101600 FINAL NON-ENERGY CONSUMPTION

Final non-energy consumption covers energy products used as raw materials in the different sectors; that is, not consumed as a fuel or transformed into another fuel.

B_101600 (Final Non-energy Consumption) = + B_101603 (Non-energy use in Transformation sector) + B_101604 (Non-energy use in Energy sector) + B_101605 (Non-energy use in Industry sector) + B_101606 (Non-energy use in Transport Sector) + B_101607 (Non-energy use in Other Sectors) + B_101608 (Non-energy use in Industry, Transformation & Energy Sectors)

Source: Eurostat

Related terms: B_101603 Non-energy use in Transformation sector

B_101604 Non-energy use in Energy sector

B_101605 Non-energy use in Industry sector

B_101606 Non-energy use in Transport Sector

B_101607 Non-energy use in Other Sectors

B_101608 Non-energy use in Industry, Transformation & Energy Sectors

B_101603 NON-ENERGY USE IN TRANSFORMATION SECTOR

Non-energy use in Transformation sector covers quantities used in the Transformation sector for non-energy purposes.

Source: Eurostat

B_101604 NON-ENERGY USE IN ENERGY SECTOR

Non-energy use in Energy sector covers quantities used in the Energy sector for non-energy purposes.

Source: Eurostat

B_101605 NON-ENERGY USE IN INDUSTRY SECTOR

Non-energy use in Industry sector covers quantities used in the Industry sector for non-energy purposes.

Source: Eurostat

B_101606 NON-ENERGY USE IN TRANSPORT SECTOR

Non-energy use in Transport Sector covers quantities used in the covers quantities used in the Transport sub-sectors for non-energy purposes.

Source: Eurostat

B_101607 NON-ENERGY USE IN OTHER SECTORS

Non-energy use in Other Sectors covers quantities used in the Other Sectors for non-energy purposes.

Source: Eurostat

B_101608 NON-ENERGY USE IN INDUSTRY, TRANSFORMATION & ENERGY SECTORS

Non-energy use in Industry, Transformation & Energy Sectors covers quantities used in the Industry, Transformation & Energy Sectors for non-energy purposes (for instance, coal used to make methanol or ammonia).

Source: Eurostat

Regulation (EC) No 1099/2008 on Energy Statistics

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

B_101700 FINAL ENERGY CONSUMPTION

Final energy consumption covers total energy consumption in industry, transport and other sectors, for all energy uses. It is the sum of final energy consumption – industry (Code B_101800), final energy consumption – transport (Code B_101900) and final energy consumption – Other sectors (Code B_102000).

Source: Eurostat

Related terms:

- B_101800 Final Energy Consumption - Industry
- B_101900 Final Energy Consumption - Transport
- B_102000 Final Energy Consumption - Other Sectors

B_101800 FINAL ENERGY CONSUMPTION – INDUSTRY

Final energy consumption – industry covers the consumption in all industrial sectors with the exception of the "Energy sector" (see Code B_101300). This refers to fuel quantities consumed by the industrial undertaking in support of its primary activities.

For heat only or CHP plants, only quantities of fuels consumed for the production of heat by autoproducers are applicable. Quantities of fuels consumed for the production of heat that is sold, for the production of electricity, and the quantities of coke transformed into blast-furnace gas should be reported under the appropriate Transformation sector.

B_101800 (Final Energy Consumption – Industry) = + B_101805 (Iron and Steel) + B_101815 (Chemical and Petrochemical) + B_101810 (Non-Ferrous Metals) + B_101820 (Non-Metallic Minerals) + B_101846 (Transport Equipment) + B_101847 (Machinery) + B_101825 (Mining and Quarrying) + B_101830 (Food and Tobacco) + B_101840 (Paper, Pulp and Print) + B_101851 (Wood and Wood Products) + B_101852 (Construction) + B_101835 (Textile and Leather) + B_101853 (Non-specified (Industry))

Source: Eurostat

Related terms:	B_101805	Iron and Steel
	B_101815	Chemical and Petrochemical
	B_101810	Non-Ferrous Metals
	B_101820	Non-Metallic Minerals
	B_101846	Transport Equipment
	B_101847	Machinery
	B_101825	Mining and Quarrying
	B_101830	Food and Tobacco
	B_101840	Paper, Pulp and Print
	B_101851	Wood and Wood Products
	B_101852	Construction
	B_101835	Textile and Leather
	B_101853	Non-specified (Industry)

B_101805 FINAL ENERGY CONSUMPTION – IRON AND STEEL

Final energy consumption – Iron and steel covers quantities consumed in the Iron and steel industry (NACE Divisions 24.1, 24.2, 24.3, 24.51 and 24.52.).

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101810 FINAL ENERGY CONSUMPTION – NON-FERROUS METALS

Final energy consumption – non-ferrous metals covers quantities consumed in non-ferrous metals industries; NACE Divisions 24.4, 24.53 and 24.54.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101815 FINAL ENERGY CONSUMPTION – CHEMICAL AND PETROCHEMICAL

Final energy consumption – chemical and petrochemical covers quantities consumed in the chemical and petrochemical industries; NACE Divisions 20 and 21.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101820 FINAL ENERGY CONSUMPTION – NON-METALLIC MINERALS

Final energy consumption – non-metallic minerals covers quantities consumed in the non-metallic minerals industry (glass, ceramic, cement and other building materials industries; NACE Division 23.).

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101825 FINAL ENERGY CONSUMPTION – MINING AND QUARRYING

Final energy consumption - Mining and Quarrying covers quantities consumed in the ore-extraction industries: NACE Divisions 07 (except 07.21), 08 (except 08.92) and 09.9; it excludes energy producing industries (Code 101300).

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

Related terms: B_101300 Consumption in Energy Sector

B_101830 FINAL ENERGY CONSUMPTION – FOOD AND TOBACCO

Final energy consumption – food and tobacco covers quantities consumed in the Food, Beverages and Tobacco industry: NACE Divisions 10, 11 and 12.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101835 FINAL ENERGY CONSUMPTION – TEXTILE AND LEATHER

Final energy consumption – textile and leather covers quantities consumed in the textile, and leather industry (NACE Divisions 13, 14 and 15).

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101840 FINAL ENERGY CONSUMPTION – PAPER, PULP AND PRINT

Final energy consumption – Paper, Pulp and Print covers quantities consumed in the paper and printing industry, including production of recorded media; NACE Divisions 17 and 18.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101846 FINAL ENERGY CONSUMPTION –TRANSPORT EQUIPMENT

Final energy consumption – Transport Equipment covers energy used by industries related to the equipment used for transport; NACE Divisions 29 and 30.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101847 FINAL ENERGY CONSUMPTION — MACHINERY

Final energy consumption – Machinery covers energy used by industries related to fabricated metal products, machinery and equipment other than transport equipment; NACE Divisions 25, 26, 27 and 28.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101851 FINAL ENERGY CONSUMPTION - WOOD AND WOOD PRODUCTS

Final energy consumption - Wood and Wood Products covers energy used by industries related to Wood and Wood Products (other than pulp and paper): NACE Division 16.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101852 FINAL ENERGY CONSUMPTION - CONSTRUCTION

Final energy consumption – Construction covers energy used by industries related to Construction: NACE Division 41, 42 and 43.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

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B_101853 FINAL ENERGY CONSUMPTION – NON-SPECIFIED (INDUSTRY))

Final energy consumption - Non-specified (Industry) covers energy consumption in industry sectors which are not covered above. NACE Divisions 22, 31 and 32 are included here.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101900 FINAL ENERGY CONSUMPTION – TRANSPORT

Final energy consumption – transport covers the energy used in all transport activities irrespective of the economic sector in which the activity occurs, i.e., rail, road, aviation and domestic navigation; NACE Divisions 49, 50 and 51.

B_101900 (Final Energy Consumption – Transport) = + B_101910 (Rail) + B_101920 (Road)
+ B_101931 (International aviation) + B_101932 (Domestic aviation) + B_101940 (Domestic Navigation) + B_101945 (Pipeline transport) + B_101950 (Non-specified (Transport))

Related terms:

B_101910	Rail
B_101920	Road
B_101931	International aviation
B_101932	Domestic aviation

B_101940	Domestic Navigation
B_101945	Pipeline transport
B_101950	Non-specified (Transport)

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101910 FINAL ENERGY CONSUMPTION – RAIL (TRANSPORT)

Final energy consumption – rail transport covers all consumption for use in rail traffic, including industrial railways and electrified urban transport systems (these data do not include inputs into electrical power stations managed by the railways); NACE Divisions 49.1 and 49.2.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101920 FINAL ENERGY CONSUMPTION – ROAD (TRANSPORT)

Final energy consumption – road transport covers quantities used in road vehicles for the propulsion of such vehicles, whether utility vehicles or motor cars for own use or the use of others, including omnibuses belonging to railway companies. It includes fuel used by agricultural vehicles on highways and lubricants for use in road vehicles.

Excludes energy used in stationary engines (see Other sector), for non-highway use in tractors (motor fuel consumed by agricultural vehicles is included under Agriculture), military use in road vehicles (see Other sector – Not elsewhere specified), bitumen used in road surfacing and energy used in engines at construction sites (see Industry sub-sector Construction). NACE Divisions 49.3 and 49.4.

Consumption by civil engineering vehicles licensed to use the public road network is also included under road transport, in so far as they are subject to the normal taxation system.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

Related terms: B_102030 Agriculture/Forestry

B_101931 FINAL ENERGY CONSUMPTION – INTERNATIONAL AVIATION

Final energy consumption - International aviation covers the quantities of aviation fuels delivered to aircraft for international aviation. The domestic/international split is determined

on the basis of departure and landing locations and not by the nationality of the airline. Part of NACE Division 51.

It excludes fuels used by airlines for their road vehicles (included in the Transport sector – Not elsewhere specified) and military use of aviation fuels (included in the Other sectors – Not elsewhere specified).

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

Regulation (EC) No 1099/2008 on Energy Statistics

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

B_101932 FINAL ENERGY CONSUMPTION – DOMESTIC AVIATION

Final energy consumption – Domestic aviation covers the quantities of aviation fuels delivered to aircraft for domestic aviation – commercial, private, agricultural, etc. Part of NACE Division 51. It includes fuel used for purposes other than flying, e.g. bench testing of engines. The domestic/international split is determined on the basis of departure and landing locations and not by the nationality of the airline.

It excludes fuels used by airlines for their road vehicles (included in the Transport sector – Not elsewhere specified) and military use of aviation fuels (included in the Other sector – Not elsewhere specified).

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101940 FINAL ENERGY CONSUMPTION – DOMESTIC NAVIGATION

Final energy consumption – Domestic navigation covers the quantities delivered to vessels of all flags not engaged in international navigation (see International marine bunkers). The domestic/international split is determined on the basis of port of departure and port of arrival and not by the flag or nationality of the ship. NACE Division 50. It includes consumption in inland navigation and yachting.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101945 FINAL ENERGY CONSUMPTION – PIPELINE TRANSPORT

Final energy consumption - Pipeline transport covers quantities used as energy in the support and operation of pipelines transporting gases, liquids, slurries and other commodities; NACE

Division 49.5. It includes energy used for pump stations and maintenance of the pipeline but it excludes energy used for the pipeline distribution of natural or manufactured gas, hot water or steam from the distributor to final users (included in the energy sector), energy used for the final distribution of water to household, industrial, commercial and other users (included in Other sectors – Services) and losses occurring during this transport between distributor and final users.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_101950 FINAL ENERGY CONSUMPTION – NON-SPECIFIED (TRANSPORT)

Final energy consumption - Non-specified (Transport) covers quantities used for transport activities not included elsewhere. It includes fuels used by airlines for their road vehicles and fuels used in ports for ships' unloaders, various types of cranes.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

Regulation (EC) No 1099/2008 on Energy Statistics

<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1099>

B_102000 FINAL ENERGY CONSUMPTION – OTHER SECTORS

Final energy consumption – Other sectors covers quantities consumed by sectors not specifically mentioned or not belonging to energy, industry or transport (private households, small-scale industry, crafts, commerce, administrative bodies and services with the exception of transportation, agriculture and fisheries).

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

Related terms:

- B_102010 Final energy consumption - Residential
- B_102020 Final energy consumption - Fishing
- B_102030 Final energy consumption - Agriculture/Forestry
- B_102035 Final energy consumption - Services
- B_102040 Final energy consumption - Non-specified (Other)

B_102010 FINAL ENERGY CONSUMPTION – RESIDENTIAL

Final energy consumption – Residential covers quantities consumed by all households including "households with employed persons" (NACE Divisions 97 and 98).

Household means a person living alone or a group of people who live together in the same private dwelling and sharing expenditures including the joint provision of the essentials of living. The household sector, also known as the residential (or domestic) sector is therefore, a collective pool of all households in a country.

Collective residences which can be permanent (e.g. prisons) or temporary (e.g. hospitals) are excluded as these are covered in consumption in the service sector. Energy used in all transport activities are reported in the transport sector and not in the household sector.

Energy consumption associated with significant economic activities of households are also excluded from the total household energy consumption. These activities include agricultural economic activities on small farms and other economic activities carried out in a household's residence and are found in the corresponding sector.

Source: Eurostat

B_102020 FINAL ENERGY CONSUMPTION – FISHING

Final energy consumption – Fishing consists of quantities consumed for inland, coastal and deep-sea fishing as specified in NACE Division 03. Fishing should cover energy consumption in ships of all flags that have refuelled in the country (include international fishing)

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_102030 FINAL ENERGY CONSUMPTION AGRICULTURE/FORESTRY

Final energy consumption – Agriculture/Forestry consists of quantities consumed by users classified as agriculture (including engines used for agricultural transportation), hunting and forestry; NACE Divisions 01 and 02.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_102035 **FINAL ENERGY CONSUMPTION – SERVICES**

Final energy consumption – Services consists of fuels consumed by business and offices in the public and private sectors.

NACE Divisions 33, 36, 37, 38, 39, 45, 46, 47, 52, 53, 55, 56, 58, 59, 60, 61, 62, 63, 64, 65, 66, 68, 69, 70, 71, 72, 73, 74, 75, 77, 78, 79, 80, 81, 82, 84, 85, 86, 87, 88, 90, 91, 92, 93, 94, 95, 96 and 99.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

B_102040 **FINAL ENERGY CONSUMPTION – NON-SPECIFIED (OTHER)**

Final energy consumption – Non-specified (Other) consists of final energy consumption not classified under any other code. These are activities not included elsewhere. This category includes military fuel use for all mobile and stationary consumption (e.g. ships, aircraft, road and energy used in living quarters), regardless of whether the fuel delivered is for the military of that country or for the military of another country. If used, what is included under this heading should be explained in the report.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaires

Related terms:

- B_102000 Final energy consumption – Final Energy Consumption - Other Sectors
- B_102010 Final energy consumption – Residential
- B_102020 Final energy consumption – Fishing
- B_102030 Final energy consumption – Agriculture/Forestry
- B_102035 Final energy consumption – Services

B_102200 **STATISTICAL DIFFERENCE**

Statistical difference is the difference between Codes B_101500, energy available for final consumption on the one hand and B_101600 final non-energy consumption and B_101700 final energy consumption on the other hand.

Source: Eurostat

Related terms: B_101500 Energy Available for Final Consumption
B_101600 Final Non-energy Consumption
B_101700 Final Energy Consumption

15_107034 GROSS ELECTRICITY GENERATION – MAIN ACTIVITY ELECTRICITY ONLY - HYDRO

This aggregate covers gross electricity generated from the potential and kinetic energy of water converted into electricity in hydroelectric plants owned by main activity producers. Pumped storage should be included. Hydro power plants are classified in three groups according to their capacity: Hydro < 1 MW, Hydro 1-10 MW and Hydro >10 MW.

This aggregate is the addition of : Gross electricity generation Main activity electricity only, Hydro -1 MW (Code 14_15_1070341), Gross electricity generation Main activity electricity only, Hydro 1-10MW (Code 14_15_1070342), Gross electricity generation Main activity electricity only, Hydro <10MW (14_15_1070343) and Gross electricity generation Main activity electricity only, Pumped Hydro (Code 15_107036).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production
14_15_1070341 Gross electricity generation Main activity electricity only, Hydro -1 MW
14_15_1070342 Gross electricity generation Main activity electricity only, Hydro 1-10MW
14_15_1070343 Gross electricity generation Main activity electricity only, Hydro <10MW
15_107036 Gross electricity generation Main activity electricity only, Pumped Hydro

14_1070341 GROSS ELECTRICITY GENERATION – MAIN ACTIVITY ELECTRICITY ONLY - HYDRO - 1 MW

This aggregate covers the gross electricity generation from main activity producers in hydro power plants of less than 1 MW capacity.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

14_1070342 **GROSS ELECTRICITY GENERATION – MAIN ACTIVITY
ELECTRICITY ONLY - HYDRO 1-10 MW**

This aggregate covers the gross electricity generation from main activity producers in hydro power plants with capacity between 1 and 10 MW.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

14_1070343 **GROSS ELECTRICITY GENERATION – MAIN ACTIVITY
ELECTRICITY ONLY - HYDRO 10+ MW**

This aggregate covers the gross electricity generation from main activity producers in hydro power plants of more than 10 MW capacity.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107036 **GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – PUMPED HYDRO**

This aggregate covers the gross electricity generated in pure or mixed pumped storage hydro power plants owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107035 **GROSS ELECTRICITY GENERATION – AUTOPRODUCER
ELECTRICITY ONLY - HYDRO**

This aggregate covers gross electricity generated from the potential and kinetic energy of water converted into electricity in hydroelectric plants owned by autoproducers. Pumped storage should be included. Hydro power plants are classified in three groups according to their capacity: Hydro < 1 MW, Hydro 1-10 MW and Hydro >10 MW.

This aggregate is the sum of : Gross electricity generation Autoproducer electricity only, Hydro -1 MW (Code 14_1070351), Gross electricity generation Autoproducer electricity only, Hydro 1-10MW (Code 14_1070352), Gross electricity generation Autoproducer electricity only, Hydro <10MW (14_1070353) and Gross electricity generation Autoproducer electricity only, Pumped Hydro (Code 15_107037).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms:

- 17_107000 Total gross production
- 14_1070351 Gross electricity generation Autoproducer electricity only- Hydro -1 MW
- 14_1070352 Gross electricity generation Autoproducer electricity only-Hydro 1-10MW
- 14_1070353 Gross electricity generation Autoproducer electricity only- Hydro +10MW
- 15_107037 Gross electricity generation Autoproducer electricity only-Pumped Hydro

14_1070351 GROSS ELECTRICITY GENERATION – AUTOPRODUCER ELECTRICITY ONLY - HYDRO - 1 MW

This aggregate covers the gross electricity generation from autoproducers in hydro power plants of less than 1 MW capacity

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

14_1070352 GROSS ELECTRICITY GENERATION – AUTOPRODUCER ELECTRICITY ONLY - HYDRO 1-10 MW

This aggregate covers the gross electricity generation from autoproducers in hydro power plants with capacity between 1 and 10 MW.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**14_1070353 GROSS ELECTRICITY GENERATION – AUTOPRODUCER
ELECTRICITY ONLY - HYDRO 10+ MW**

This aggregate covers the gross electricity generation from autoproducers in hydro power plants of more than 10 MW capacity.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107037 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY – PUMPED HYDRO**

This aggregate covers the gross electricity generated in pure or mixed pumped storage hydropower plants owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**14_1070421 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY, SOLAR PHOTOVOLTAIC**

Gross electricity generation produced by converting sunlight into electricity by the use of solar cells usually made of semi-conducting material in plants operated by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**14_1070431 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY, SOLAR PHOTOVOLTAIC**

Gross electricity generation produced by converting sunlight into electricity by the use of solar cells usually made of semi-conducting material in plants operated by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**14_1070422 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY, SOLAR THERMAL**

Gross electricity generated in solar thermal (i.e. solar thermal-electric) plants operated by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**14_1070423 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
plants, SOLAR THERMAL**

Gross electricity generated in solar thermal (i.e. solar thermal-electric) plants operated by main activity producers in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**14_1070432 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY, SOLAR THERMAL**

Gross electricity generated in solar thermal (i.e. solar thermal-electric) plants operated by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**15_107030 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY - NUCLEAR**

This aggregate covers the gross electricity generated in nuclear power plants (energy released by nuclear fission or nuclear fusion) owned by main activity producers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107031 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS - NUCLEAR**

This aggregate covers the gross electricity generated in CHP nuclear power plants (energy released by nuclear fission or nuclear fusion) owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107032 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - NUCLEAR**

This aggregate covers the gross electricity generated in nuclear power plants (energy released by nuclear fission or nuclear fusion) owned by autoproducers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107033 GROSS ELECTRICITY GENERATION AUTOPRODUCER
CHP PLANTS - NUCLEAR**

This aggregate covers the gross electricity generated in CHP nuclear power plants (energy released by nuclear fission or nuclear fusion) owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107038 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY - GEOTHERMAL**

This aggregate covers the gross electricity generated in geothermal power plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by main activity producers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107039 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS - GEOTHERMAL**

This aggregate covers the gross electricity generated in CHP geothermal power plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107040 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - GEOTHERMAL**

This aggregate covers the gross electricity generated in geothermal power plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by autoproducers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107041 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS - GEOTHERMAL

This aggregate covers the gross electricity generated in CHP geothermal power plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107044 GROSS ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – TIDE, WAVE AND OCEAN

This aggregate covers the gross electricity generated from tide, wave and ocean (mechanical energy derived from tidal movement, wave motion or ocean current and exploited for electricity generation) in power plants owned by main activity producers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107045 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY – TIDE, WAVE AND OCEAN

This aggregate covers the gross electricity generated from tide, wave and ocean (mechanical energy derived from tidal movement, wave motion or ocean current and exploited for electricity generation) in power plants owned by autoproducers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107046 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – WIND**

This aggregate covers the gross electricity generated from wind (kinetic energy of wind exploited for electricity generation in wind turbines) in power plants owned by main activity producers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107047 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY – WIND**

This aggregate covers the gross electricity generated from wind (kinetic energy of wind exploited for electricity generation in wind turbines) in power plants owned by autoproducers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107048 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – COMBUSTIBLE FUELS**

This aggregate covers the gross electricity generated from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in power plants owned by main activity producers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107049 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS - COMBUSTIBLE FUELS**

This aggregate covers the gross electricity generated from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in CHP plants owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107050 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - COMBUSTIBLE FUELS**

This aggregate covers the gross electricity generated from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in power plants owned by autoproducers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107051 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS - COMBUSTIBLE FUELS**

This aggregate covers the gross electricity generated from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in CHP plants owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107052 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY – HEAT FROM CHEMICAL SOURCES**

This aggregate covers the gross electricity generated by autoproducers from the heat originating from processes without input energy, such as a chemical reaction (e.g. the treatment of zinc oxide ore with hydrochloric acid) in installations producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107053 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS - HEAT FROM CHEMICAL SOURCES

This aggregate covers the gross electricity generated by autoproducers from the heat originating from processes without input energy, such as a chemical reaction (e.g. the treatment of zinc oxide ore with hydrochloric acid) in CHP installations.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107054 GROSS ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – OTHER SOURCES

This aggregate covers the gross electricity generated from sources other than those listed (e.g. from fuel cells) in plants owned by main activity producers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107055 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - OTHER SOURCES

This aggregate covers the gross electricity generated from sources other than those listed (e.g. from fuel cells) in CHP plants owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107056 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY - OTHER SOURCES

This aggregate covers the gross electricity generated from sources other than those listed (e.g. from fuel cells) in plants owned by autoproducers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107057 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS - OTHER SOURCES

This aggregate covers the gross electricity generated from sources other than those listed (e.g. from fuel cells) in CHP plants owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

17_107000 TOTAL GROSS PRODUCTION

This aggregate is the sum of the electrical energy or heat production by all the generating sets concerned (including pumped storage) measured at the output point of the generating machine (alternator) without the deduction of electricity or heat used in the plant or lost in other plant equipment.

Power plant producers are classified either as "Main activity producers" (plants operated by private or public owners which are producing the electricity or heat for sale to third parties as their main business) or as "Autoproducers" (plants operated by private or public owners which are not producing the electricity or heat as their main business, but wholly or partly for their own consumption).

Power plants can be classified as electricity only or heat only plants (designed to produce only electricity or heat) or CHP plants (designed to produce both heat and electricity).

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and International Energy Agency/Eurostat/United Nations Economic Commission for Europe Energy Statistics Manual.

Related terms: 17_107100 Total net production

17_107100 TOTAL NET PRODUCTION

This aggregate covers net electricity or heat generation in all types of power plants (including pumped storage). Net production is defined as the total gross production (Code 17_107000)

less the electrical energy or heat absorbed by the generating auxiliaries and the losses in the main generator transformers.

Power plant producers are classified either as "Main activity producers" (plants operated by private or public owners which are producing the electricity or heat for sale to third parties as their main business) or as "Autoproducers" (plants operated by private or public owners which are not producing the electricity or heat as their main business, but wholly or partly for their own consumption).

Power plants can be classified as electricity or heat only plants (designed to produce only electricity or heat) or CHP plants (designed to produce both heat and electricity).

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and International Energy Agency/Eurostat/United Nations Economic Commission for Europe Energy Statistics Manual.

Related terms: 17_107000 Total gross production

16_107130 NET ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY - NUCLEAR

This aggregate covers the net electricity generated in nuclear power plants (energy released by nuclear fission or nuclear fusion) owned by main activity producers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107131 NET ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS NUCLEAR

This aggregate covers the net electricity generated in CHP nuclear power plants (energy released by nuclear fission or nuclear fusion) owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107132 NET ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - NUCLEAR**

This aggregate covers the net electricity generated in nuclear power plants (energy released by nuclear fission or nuclear fusion) owned by autoproducers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107133 NET ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS - NUCLEAR**

This aggregate covers the net electricity generated in CHP nuclear power plants (energy released by nuclear fission or nuclear fusion) owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107134 NET ELECTRICITY GENERATION – MAIN ACTIVITY
ELECTRICITY ONLY - HYDRO**

This aggregate covers net electricity generated from the potential and kinetic energy of water converted into electricity in hydroelectric plants owned by main activity producers. Pumped storage should be included.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107135 NET ELECTRICITY GENERATION – AUTOPRODUCER
ELECTRICITY ONLY - HYDRO**

This aggregate covers net electricity generated from the potential and kinetic energy of water converted into electricity in hydroelectric plants owned by autoproducers. Pumped storage should be included.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107136 NET ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – PUMPED HYDRO**

This aggregate covers the net electricity generated in pure or mixed pumped storage hydro power plants owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107137 NET ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY – PUMPED HYDRO**

This aggregate covers the net electricity generated in pure or mixed pumped storage hydropower plants owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107138 NET ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY - GEOTHERMAL**

This aggregate covers the net electricity generated in geothermal power plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by main activity producers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107139 NET ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS
- GEOTHERMAL**

This aggregate covers the net electricity generated in CHP geothermal power plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107140 NET ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - GEOTHERMAL**

This aggregate covers the net electricity generated in geothermal power plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by autoproducers and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107141 NET ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS - GEOTHERMAL**

This aggregate covers the net electricity generated in CHP geothermal power plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107142 NET ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY -SOLAR**

This aggregate covers net electricity generated in plants operated by main activity producers, both from solar thermal systems (i.e. solar thermal-electric plants) and from photovoltaic systems.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107143 NET ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - SOLAR**

This aggregate covers net electricity generated in plants operated by autoproducers, both from solar thermal systems (i.e. solar thermal-electric plants) and from photovoltaic systems.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107144 NET ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – TIDE, WAVE AND OCEAN**

This aggregate covers the net electricity generated by main activity producers from tide, wave and ocean (mechanical energy derived from tidal movement, wave motion or ocean current and exploited for electricity generation) in power plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107145 NET ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY – TIDE, WAVE AND OCEAN**

This aggregate covers the net electricity generated by autoproducers from tide, wave and ocean (mechanical energy derived from tidal movement, wave motion or ocean current and exploited for electricity generation) in power plants and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107146 NET ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – WIND**

This aggregate covers the net electricity generated by main activity producers from wind (kinetic energy of wind exploited for electricity generation in wind turbines) in power plants and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107147 NET ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY – WIND**

This aggregate covers the net electricity generated by autoproducers from wind (kinetic energy of wind exploited for electricity generation in wind turbines) in power plants and producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107148 NET ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – COMBUSTIBLE FUELS**

This aggregate covers the net electricity generated by main activity producers from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in power plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107149 NET ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS
- COMBUSTIBLE FUELS**

This aggregate covers the net electricity generated by main activity producers from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107150 NET ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - COMBUSTIBLE FUELS**

This aggregate covers the net electricity generated by autoproducers from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in power plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107151 NET ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS - COMBUSTIBLE FUELS**

This aggregate covers the net electricity generated by autoproducers from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107152 NET ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY – HEAT FROM CHEMICAL SOURCES**

This aggregate covers the net electricity generated by autoproducers from the heat originating from processes without input energy, such as a chemical reaction (e.g. the treatment of zinc oxide ore with hydrochloric acid) in installations producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107153 NET ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS - HEAT FROM CHEMICAL SOURCES

This aggregate covers the net electricity generated by autoproducers from the heat originating from processes without input energy, such as a chemical reaction (e.g. the treatment of zinc oxide ore with hydrochloric acid) in CHP installations.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107154 NET ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – OTHER SOURCES

This aggregate covers the net electricity generated by main activity producers from sources other than those listed (e.g. from fuel cells) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107155 NET ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - OTHER SOURCES

This aggregate covers the net electricity generated by main activity producers from sources other than those listed (e.g. from fuel cells) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107156 NET ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - OTHER SOURCES**

This aggregate covers the net electricity generated by autoproducers from sources other than those listed (e.g. from fuel cells) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107157 NET ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS - OTHER SOURCES**

This aggregate covers the net electricity generated by autoproducers from sources other than those listed (e.g. from fuel cells) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**22_108501 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – ANTHRACITE**

This aggregate covers the gross electricity generated by main activity producers from anthracite (high rank coal used for industrial and residential applications) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108502 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS - ANTHRACITE**

This aggregate covers the gross electricity generated by main activity producers from anthracite (high rank coal used for industrial and residential applications) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108503 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - ANTHRACITE**

This aggregate covers the gross electricity generated by autoproducers from anthracite (high rank coal used for industrial and residential applications) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108504 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS - ANTHRACITE**

This aggregate covers the gross electricity generated by autoproducers from anthracite (high rank coal used for industrial and residential applications) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108511 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – COKING COAL**

This aggregate covers the gross electricity generated by main activity producers from coking coal (bituminous coal with a quality that allows the production of a coke suitable to support a blast furnace charge) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for

Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108512 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - COKING COAL

This aggregate covers the gross electricity generated by main activity producers from coking coal (bituminous coal with a quality that allows the production of a coke suitable to support a blast furnace charge) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108513 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY - COKING COAL

This aggregate covers the gross electricity generated by autoproducers from coking coal (bituminous coal with a quality that allows the production of a coke suitable to support a blast furnace charge) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108514 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS - COKING COAL

This aggregate covers the gross electricity generated by autoproducers from coking coal (bituminous coal with a quality that allows the production of a coke suitable to support a blast furnace charge) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108521 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – OTHER BITUMINOUS COAL**

This aggregate covers the gross electricity generated by main activity producers from other bituminous coal (coal mainly used for steam raising purposes and includes all bituminous coal that is not included under coking coal nor anthracite) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108522 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - OTHER BITUMINOUS COAL

This aggregate covers the gross electricity generated by main activity producers from other bituminous coal (coal mainly used for steam raising purposes and includes all bituminous coal that is not included under coking coal nor anthracite) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108523 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY - OTHER BITUMINOUS COAL

This aggregate covers the gross electricity generated by autoproducers from other bituminous coal (coal mainly used for steam raising purposes and includes all bituminous coal that is not included under coking coal nor anthracite) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108524 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS - OTHER BITUMINOUS COAL

This aggregate covers the gross electricity generated by autoproducers from other bituminous coal (coal mainly used for steam raising purposes and includes all bituminous coal that is not included under coking coal nor anthracite) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108531 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – SUB-BITUMINOUS COAL**

This aggregate covers the gross electricity generated by main activity producers from sub-bituminous coal (non-agglomerating coal with a gross calorific value equal to or greater than 20 000 kJ/kg and less than 24 000 kJ/kg containing more than 31% volatile matter on a dry mineral matter free basis) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108532 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS - SUB-BITUMINOUS COAL**

This aggregate covers the gross electricity generated by main activity producers from sub-bituminous coal (non-agglomerating coal with a gross calorific value equal to or greater than 20 000 kJ/kg and less than 24 000 kJ/kg containing more than 31% volatile matter on a dry mineral matter free basis) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108533 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - SUB-BITUMINOUS COAL**

This aggregate covers the gross electricity generated by autoproducers from sub-bituminous coal (non-agglomerating coal with a gross calorific value equal to or greater than 20 000 kJ/kg and less than 24 000 kJ/kg containing more than 31% volatile matter on a dry mineral matter free basis) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108534 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS - SUB-BITUMINOUS COAL

This aggregate covers the gross electricity generated by autoproducers from sub-bituminous coal (non-agglomerating coal with a gross calorific value equal to or greater than 20 000 kJ/kg and less than 24 000 kJ/kg containing more than 31% volatile matter on a dry mineral matter free basis) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108541 GROSS ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – LIGNITE/BROWN COAL

This aggregate covers the gross electricity generated by main activity producers from lignite/brown coal (non-agglomerating coal with a gross calorific value less than 20 000 kJ/kg and greater than 31% volatile matter on a dry mineral matter free basis) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108542 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - LIGNITE/BROWN COAL

This aggregate covers the gross electricity generated by main activity producers from lignite/brown coal (non-agglomerating coal with a gross calorific value less than 20 000 kJ/kg and greater than 31% volatile matter on a dry mineral matter free basis) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108543 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - LIGNITE/BROWN COAL**

This aggregate covers the gross electricity generated by autoproducers from lignite/brown coal (non-agglomerating coal with a gross calorific value less than 20 000 kJ/kg and greater than 31% volatile matter on a dry mineral matter free basis) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108544 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS - LIGNITE/BROWN COAL**

This aggregate covers the gross electricity generated by autoproducers from lignite/brown coal (non-agglomerating coal with a gross calorific value less than 20 000 kJ/kg and greater than 31% volatile matter on a dry mineral matter free basis) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108551 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – PEAT**

This aggregate covers the gross electricity generated by main activity producers from peat (a combustible soft, porous or compressed, fossil sedimentary deposit of plant origin with high water content (up to 90 percent in the raw state), easily cut, and of light to dark brown colour) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108552 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - PEAT

This aggregate covers the gross electricity generated by main activity producers from peat (a combustible soft, porous or compressed, fossil sedimentary deposit of plant origin with high water content (up to 90 percent in the raw state), easily cut, and of light to dark brown colour) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108553 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY - PEAT

This aggregate covers the gross electricity generated by autoproducers from peat (a combustible soft, porous or compressed, fossil sedimentary deposit of plant origin with high water content (up to 90 percent in the raw state), easily cut, and of light to dark brown colour) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108554 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS - PEAT

This aggregate covers the gross electricity generated by autoproducers from peat (a combustible soft, porous or compressed, fossil sedimentary deposit of plant origin with high water content (up to 90 percent in the raw state), easily cut, and of light to dark brown colour) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy

Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108561 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – PATENT FUEL**

This aggregate covers the gross electricity generated by main activity producers from patent fuel (a composition fuel manufactured from hard coal fines with the addition of a binding agent) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108562 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS - PATENT FUEL**

This aggregate covers the gross electricity generated by main activity producers from patent fuel (a composition fuel manufactured from hard coal fines with the addition of a binding agent) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108563 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - PATENT FUEL**

This aggregate covers the gross electricity generated by autoproducers from patent fuel (a composition fuel manufactured from hard coal fines with the addition of a binding agent) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy

Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108564 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS - PATENT FUEL

This aggregate covers the gross electricity generated by autoproducers from patent fuel (a composition fuel manufactured from hard coal fines with the addition of a binding agent) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108571 GROSS ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – COKE OVEN COKE

This aggregate covers the gross electricity generated by main activity producers from coke oven coke (solid product obtained from carbonization of coal at high temperature, low in moisture and volatile matter and used mainly in the iron and steel industry acting as energy source and chemical agent) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108572 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - COKE OVEN COKE

This aggregate covers the gross electricity generated by main activity producers from coke oven coke (solid product obtained from carbonization of coal at high temperature, low in moisture and volatile matter and used mainly in the iron and steel industry acting as energy source and chemical agent) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108573 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY - COKE OVEN COKE

This aggregate covers the gross electricity generated by autoproducers from coke oven coke (solid product obtained from carbonization of coal at high temperature, low in moisture and volatile matter and used mainly in the iron and steel industry acting as energy source and chemical agent) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108574 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – COKE OVEN COKE

This aggregate covers the gross electricity generated by autoproducers from coke oven coke (solid product obtained from carbonization of coal at high temperature, low in moisture and volatile matter and used mainly in the iron and steel industry acting as energy source and chemical agent) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108581 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – GAS COKE**

This aggregate covers the gross electricity generated by main activity producers from gas coke (by-product of hard coal used for production of town gas in gas works and for heating purposes) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108582 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS - GAS COKE**

This aggregate covers the gross electricity generated by main activity producers from gas coke (by-product of hard coal used for production of town gas in gas works and for heating purposes) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108583 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - GAS COKE**

This aggregate covers the gross electricity generated by autoproducers from gas coke (by-product of hard coal used for production of town gas in gas works and for heating purposes) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108584 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – GAS COKE

This aggregate covers the gross electricity generated by autoproducers from gas coke (by-product of hard coal used for production of town gas in gas works and for heating purposes) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108591 GROSS ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – COAL TAR

This aggregate covers the gross electricity generated by main activity producers from coal tar (a result of the destructive distillation of bituminous coal or of the low-temperature carbonisation of brown coal) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108592 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - COAL TAR

This aggregate covers the gross electricity generated by main activity producers from coal tar (a result of the destructive distillation of bituminous coal or of the low-temperature carbonisation of brown coal) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108593 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - COAL TAR**

This aggregate covers the gross electricity generated by autoproducers from coal tar (a result of the destructive distillation of bituminous coal or of the low-temperature carbonisation of brown coal) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108594 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS – COAL TAR**

This aggregate covers the gross electricity generated by autoproducers from coal tar (a result of the destructive distillation of bituminous coal or of the low-temperature carbonisation of brown coal) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108601 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – BKB**

This aggregate covers the gross electricity generated by main activity producers from BKB (Brown coal briquettes, which is a composition fuel manufactured from lignite or sub-bituminous coal, produced by briquetting under high pressure without the addition of a binding agent) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108602 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - BKB

This aggregate covers the gross electricity generated by main activity producers from BKB (Brown coal briquettes, which is a composition fuel manufactured from lignite or sub-bituminous coal, produced by briquetting under high pressure without the addition of a binding agent) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108603 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY - BKB

This aggregate covers the gross electricity generated by autoproducers from BKB (Brown coal briquettes, which is a composition fuel manufactured from lignite or sub-bituminous coal, produced by briquetting under high pressure without the addition of a binding agent) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108604 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – BKB

This aggregate covers the gross electricity generated by autoproducers from BKB (Brown coal briquettes, which is a composition fuel manufactured from lignite or sub-bituminous coal, produced by briquetting under high pressure without the addition of a binding agent) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108611 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – GAS WORKS GAS**

This aggregate covers the gross electricity generated by main activity producers from gas works gas (all types of gases produced in public utility or private plants, whose main purpose is manufacture, transport and distribution of gas) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108612 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS - GAS WORKS GAS**

This aggregate covers the gross electricity generated by main activity producers from gas works gas (all types of gases produced in public utility or private plants, whose main purpose is manufacture, transport and distribution of gas) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108613 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - GAS WORKS GAS**

This aggregate covers the gross electricity generated by autoproducers from gas works gas (all types of gases produced in public utility or private plants, whose main purpose is manufacture, transport and distribution of gas) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108614 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – GAS WORKS GAS

This aggregate covers the gross electricity generated by autoproducers from gas works gas (all types of gases produced in public utility or private plants, whose main purpose is manufacture, transport and distribution of gas) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108621 GROSS ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – COKE OVEN GAS

This aggregate covers the gross electricity generated by main activity producers from coke oven gas (by-product from the manufacture of coke oven coke for the production of iron and steel) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108622 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - COKE OVEN GAS

This aggregate covers the gross electricity generated by main activity producers from coke oven gas (by-product from the manufacture of coke oven coke for the production of iron and steel) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108623 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - COKE OVEN GAS**

This aggregate covers the gross electricity generated by autoproducers from coke oven gas (by-product from the manufacture of coke oven coke for the production of iron and steel) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108624 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS – COKE OVEN GAS**

This aggregate covers the gross electricity generated by autoproducers from coke oven gas (by-product from the manufacture of coke oven coke for the production of iron and steel) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108631 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – BLAST FURNACE GAS**

This aggregate covers the gross electricity generated by main activity producers from blast furnace gas (produced during the combustion of coke in blast furnaces in the iron and steel industry, recovered, and used as a fuel partly within the plant and partly in other processes or power stations equipped to burn it) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108632 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS - BLAST FURNACE GAS**

This aggregate covers the gross electricity generated by main activity producers from blast furnace gas (produced during the combustion of coke in blast furnaces in the iron and steel industry, recovered, and used as a fuel partly within the plant and partly in other processes or power stations equipped to burn it) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108633 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - BLAST FURNACE GAS**

This aggregate covers the gross electricity generated by autoproducers from blast furnace gas (produced during the combustion of coke in blast furnaces in the iron and steel industry, recovered, and used as a fuel partly within the plant and partly in other processes or power stations equipped to burn it) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108634 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS – BLAST FURNACE GAS**

This aggregate covers the gross electricity generated by autoproducers from blast furnace gas (produced during the combustion of coke in blast furnaces in the iron and steel industry, recovered, and used as a fuel partly within the plant and partly in other processes or power stations equipped to burn it) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108641 GROSS ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – OTHER RECOVERED GASES

This aggregate covers the gross electricity generated by main activity producers from other recovered gases (by-product of the production of steel in an oxygen furnace, recovered on leaving the furnace and also known as converter gas, LD gas or BOS gas) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108642 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - OTHER RECOVERED GASES

This aggregate covers the gross electricity generated by main activity producers from other recovered gases (by-product of the production of steel in an oxygen furnace, recovered on leaving the furnace and also known as converter gas, LD gas or BOS gas) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108643 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY - OTHER RECOVERED GASES

This aggregate covers the gross electricity generated by autoproducers from other recovered gases (by-product of the production of steel in an oxygen furnace, recovered on leaving the furnace and also known as converter gas, LD gas or BOS gas) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108644 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – OTHER RECOVERED GASES

This aggregate covers the gross electricity generated by autoproducers from other recovered gases (by-product of the production of steel in an oxygen furnace, recovered on leaving the furnace and also known as converter gas, LD gas or BOS gas) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108651 GROSS ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – OIL SHALE AND OIL SANDS

This aggregate covers the gross electricity generated by main activity producers from oil shale and oil sands (sedimentary rock that contains organic matter in the form of kerogen, a waxy hydrocarbon-rich material regarded as a precursor of petroleum) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108652 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - OIL SHALE AND OIL SANDS

This aggregate covers the gross electricity generated by main activity producers from oil shale and oil sands (sedimentary rock that contains organic matter in the form of kerogen, a waxy hydrocarbon-rich material regarded as a precursor of petroleum) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108653 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - OIL SHALE AND OIL SANDS**

This aggregate covers the gross electricity generated by autoproducers from oil shale and oil sands (sedimentary rock that contains organic matter in the form of kerogen, a waxy hydrocarbon-rich material regarded as a precursor of petroleum) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108654 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS – OIL SHALE AND OIL SANDS**

This aggregate covers the gross electricity generated by autoproducers from oil shale and oil sands (sedimentary rock that contains organic matter in the form of kerogen, a waxy hydrocarbon-rich material regarded as a precursor of petroleum) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108661 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – PEAT PRODUCTS**

This aggregate covers the gross electricity generated by main activity producers from peat products (products such as peat briquettes derived directly or indirectly from sod peat and milled peat) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108662 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - PEAT PRODUCTS

This aggregate covers the gross electricity generated by main activity producers from peat products (products such as peat briquettes derived directly or indirectly from sod peat and milled peat) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108663 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY - PEAT PRODUCTS

This aggregate covers the gross electricity generated by autoproducers from peat products (products such as peat briquettes derived directly or indirectly from sod peat and milled peat) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108664 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – PEAT PRODUCTS

This aggregate covers the gross electricity generated by autoproducers from peat products (products such as peat briquettes derived directly or indirectly from sod peat and milled peat) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108701 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – CRUDE OIL**

This aggregate covers the gross electricity generated by main activity producers from crude oil (mineral oil of natural origin comprising a mixture of hydrocarbons and associated impurities, such as sulphur, and existing in the liquid phase under normal surface temperature and pressure) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108702 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS - CRUDE OIL**

This aggregate covers the gross electricity generated by main activity producers from crude oil (mineral oil of natural origin comprising a mixture of hydrocarbons and associated impurities, such as sulphur, and existing in the liquid phase under normal surface temperature and pressure) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108703 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - CRUDE OIL**

This aggregate covers the gross electricity generated by autoproducers from crude oil (mineral oil of natural origin comprising a mixture of hydrocarbons and associated impurities, such as sulphur, and existing in the liquid phase under normal surface temperature and pressure) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108704 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – CRUDE OIL

This aggregate covers the gross electricity generated by autoproducers from crude oil (mineral oil of natural origin comprising a mixture of hydrocarbons and associated impurities, such as sulphur, and existing in the liquid phase under normal surface temperature and pressure) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108711 GROSS ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – NATURAL GAS LIQUIDS

This aggregate covers the gross electricity generated by main activity producers from Natural Gas Liquids (liquid or liquefied hydrocarbons recovered from natural gas in separation facilities or gas processing plants, including ethane, propane, butane (normal and iso–), (iso) pentane and pentanes plus) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108712 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - NATURAL GAS LIQUIDS

This aggregate covers the gross electricity generated by main activity producers from Natural Gas Liquids (liquid or liquefied hydrocarbons recovered from natural gas in separation facilities or gas processing plants, including ethane, propane, butane (normal and iso–), (iso) pentane and pentanes plus) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108713 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - NGL (NATURAL GAS LIQUIDS)**

This aggregate covers the gross electricity generated by autoproducers from Natural Gas Liquids (liquid or liquefied hydrocarbons recovered from natural gas in separation facilities or gas processing plants, including ethane, propane, butane (normal and iso–), (iso) pentane and pentanes plus) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108714 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS – NGL (NATURAL GAS LIQUIDS)**

This aggregate covers the gross electricity generated by autoproducers from Natural Gas Liquids (liquid or liquefied hydrocarbons recovered from natural gas in separation facilities or gas processing plants, including ethane, propane, butane (normal and iso–), (iso) pentane and pentanes plus) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108721 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – REFINERY GAS**

This aggregate covers the gross electricity generated by main activity producers from refinery gas (mixture of non–condensed gases mainly consisting of hydrogen, methane, ethane and olefins obtained during distillation of crude oil or treatment of oil products in refineries, as well as gases which are returned from the petrochemical industry) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108722 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - REFINERY GAS

This aggregate covers the gross electricity generated by main activity producers from refinery gas (mixture of non–condensed gases mainly consisting of hydrogen, methane, ethane and olefins obtained during distillation of crude oil or treatment of oil products in refineries, as well as gases which are returned from the petrochemical industry) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108723 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY - REFINERY GAS

This aggregate covers the gross electricity generated by autoproducers from refinery gas (mixture of non–condensed gases mainly consisting of hydrogen, methane, ethane and olefins obtained during distillation of crude oil or treatment of oil products in refineries, as well as gases which are returned from the petrochemical industry) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108724 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – REFINERY GAS

This aggregate covers the gross electricity generated by autoproducers from refinery gas (mixture of non–condensed gases mainly consisting of hydrogen, methane, ethane and olefins obtained during distillation of crude oil or treatment of oil products in refineries, as well as gases which are returned from the petrochemical industry) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108731 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – LPG (LIQUEFIED PETROLEUM GASES)**

This aggregate covers the gross electricity generated by main activity producers from LPG (light paraffinic hydrocarbons derived from the refinery processes, crude oil stabilisation and natural gas processing plants, consisting mainly of propane (C₃H₈), butane (C₄H₁₀), propylene, butylene, isobutene and isobutylene and normally liquefied under pressure for transportation and storage) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108732 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS - LPG (LIQUEFIED PETROLEUM GASES)**

This aggregate covers the gross electricity generated by main activity producers from LPG (light paraffinic hydrocarbons derived from the refinery processes, crude oil stabilisation and natural gas processing plants, consisting mainly of propane (C₃H₈), butane (C₄H₁₀), propylene, butylene, isobutene and isobutylene and normally liquefied under pressure for transportation and storage) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108733 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - LPG (LIQUEFIED PETROLEUM GASES)**

This aggregate covers the gross electricity generated by autoproducers from LPG (light paraffinic hydrocarbons derived from the refinery processes, crude oil stabilisation and natural gas processing plants, consisting mainly of propane (C₃H₈), butane (C₄H₁₀), propylene, butylene, isobutene and isobutylene and normally liquefied under pressure for transportation and storage) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108734 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – LPG (LIQUEFIED PETROLEUM GASES)

This aggregate covers the gross electricity generated by autoproducers from LPG (light paraffinic hydrocarbons derived from the refinery processes, crude oil stabilisation and natural gas processing plants, consisting mainly of propane (C₃H₈), butane (C₄H₁₀), propylene, butylene, isobutene and isobutylene and normally liquefied under pressure for transportation and storage) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108741 GROSS ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – NAPHTHA

This aggregate covers the gross electricity generated by main activity producers from naphtha (feedstock usually destined for either the petrochemical industry or for gasoline production by reforming or isomerisation within the refinery) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108742 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS - NAPHTHA

This aggregate covers the gross electricity generated by main activity producers from naphtha (feedstock usually destined for either the petrochemical industry or for gasoline production by reforming or isomerisation within the refinery) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108743 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - NAPHTHA**

This aggregate covers the gross electricity generated by autoproducers from naphtha (feedstock usually destined for either the petrochemical industry or for gasoline production by reforming or isomerisation within the refinery) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108744 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS – NAPHTHA**

This aggregate covers the gross electricity generated by autoproducers from naphtha (feedstock usually destined for either the petrochemical industry or for gasoline production by reforming or isomerisation within the refinery) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108751 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – KEROSENE TYPE JET FUEL**

This aggregate covers the gross electricity generated by main activity producers from kerosene type jet fuel (distillate used for aviation turbine power units, with the same distillation characteristics and flash point as kerosene and including kerosene blending components) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108752 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS – KEROSENE TYPE JET FUEL

This aggregate covers the gross electricity generated by main activity producers from kerosene type jet fuel (distillate used for aviation turbine power units, with the same distillation characteristics and flash point as kerosene and including kerosene blending components) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108753 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY - KEROSENE TYPE JET FUEL

This aggregate covers the gross electricity generated by autoproducers from kerosene type jet fuel (distillate used for aviation turbine power units, with the same distillation characteristics and flash point as kerosene and including kerosene blending components) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108754 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – KEROSENE TYPE JET FUEL

This aggregate covers the gross electricity generated by autoproducers from kerosene type jet fuel (distillate used for aviation turbine power units, with the same distillation characteristics and flash point as kerosene and including kerosene blending components) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108761 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – OTHER KEROSENE**

This aggregate covers the gross electricity generated by main activity producers from other kerosene (refined petroleum distillate comprised in kerosene and used in sectors other than aircraft transport) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108762 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS – OTHER KEROSENE**

This aggregate covers the gross electricity generated by main activity producers from other kerosene (refined petroleum distillate comprised in kerosene and used in sectors other than aircraft transport) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108763 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - OTHER KEROSENE**

This aggregate covers the gross electricity generated by autoproducers from other kerosene (refined petroleum distillate comprised in kerosene and used in sectors other than aircraft transport) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108764 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – OTHER KEROSENE

This aggregate covers the gross electricity generated by autoproducers from other kerosene (refined petroleum distillate comprised in kerosene and used in sectors other than aircraft transport) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108771 GROSS ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – GAS / DIESEL OIL

This aggregate covers the gross electricity generated by main activity producers from gas/diesel oil (medium distillate distilling between 180°C and 380°C) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108772 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS – GAS / DIESEL OIL

This aggregate covers the gross electricity generated by main activity producers from gas/diesel oil (medium distillate distilling between 180°C and 380°C) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108773 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY - GAS / DIESEL OIL**

This aggregate covers the gross electricity generated by autoproducers from gas/diesel oil (medium distillate distilling between 180°C and 380°C) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108774 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS – GAS / DIESEL OIL**

This aggregate covers the gross electricity generated by autoproducers from gas/diesel oil (medium distillate distilling between 180°C and 380°C) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108781 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – RESIDUAL FUEL OIL**

This aggregate covers the gross electricity generated by main activity producers from residual fuel oil (which includes all residual heavy fuel oils, including those obtained by blending) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108782 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS – RESIDUAL FUEL OIL

This aggregate covers the gross electricity generated by main activity producers from residual fuel oil (which includes all residual heavy fuel oils, including those obtained by blending) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108783 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY - RESIDUAL FUEL OIL

This aggregate covers the gross electricity generated by autoproducers from residual fuel oil (which includes all residual heavy fuel oils, including those obtained by blending) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108784 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – RESIDUAL FUEL OIL

This aggregate covers the gross electricity generated by autoproducers from residual fuel oil (which includes all residual heavy fuel oils, including those obtained by blending) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108791 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – BITUMEN**

This aggregate covers the gross electricity generated by main activity producers from bitumen (solid, semi–solid or viscous hydrocarbon with a colloidal structure, obtained as a residue in the distillation of crude oil and often referred to as asphalt) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108792 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS – BITUMEN**

This aggregate covers the gross electricity generated by main activity producers from bitumen (solid, semi–solid or viscous hydrocarbon with a colloidal structure, obtained as a residue in the distillation of crude oil and often referred to as asphalt) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108793 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY – BITUMEN**

This aggregate covers the gross electricity generated by autoproducers from bitumen (solid, semi–solid or viscous hydrocarbon with a colloidal structure, obtained as a residue in the distillation of crude oil and often referred to as asphalt) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108794 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – BITUMEN

This aggregate covers the gross electricity generated by autoproducers from bitumen (solid, semi-solid or viscous hydrocarbon with a colloidal structure, obtained as a residue in the distillation of crude oil and often referred to as asphalt) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108801 GROSS ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – PETROLEUM COKE

This aggregate covers the gross electricity generated by main activity producers from petroleum coke (black solid by-product consisting mainly of carbon (90 to 95%) and with low ash content, obtained mainly by cracking and carbonising petroleum derived feedstock, vacuum bottoms, tar and pitches in processes such as delayed coking or fluid coking) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108802 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS – PETROLEUM COKE

This aggregate covers the gross electricity generated by main activity producers from petroleum coke (black solid by-product consisting mainly of carbon (90 to 95%) and with low ash content, obtained mainly by cracking and carbonising petroleum derived feedstock, vacuum bottoms, tar and pitches in processes such as delayed coking or fluid coking) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108803 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY – PETROLEUM COKE**

This aggregate covers the gross electricity generated by autoproducers from petroleum coke (black solid by-product consisting mainly of carbon (90 to 95%) and with low ash content, obtained mainly by cracking and carbonising petroleum derived feedstock, vacuum bottoms, tar and pitches in processes such as delayed coking or fluid coking) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108804 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS – PETROLEUM COKE**

This aggregate covers the gross electricity generated by autoproducers from petroleum coke (black solid by-product consisting mainly of carbon (90 to 95%) and with low ash content, obtained mainly by cracking and carbonising petroleum derived feedstock, vacuum bottoms, tar and pitches in processes such as delayed coking or fluid coking) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108811 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – OTHER OIL PRODUCTS**

This aggregate covers the gross electricity generated by main activity producers from other oil products (all oil products not specifically mentioned in other categories, e.g. tar, sulphur, aromatics or olefins produced within refineries) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108812 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS – OTHER OIL PRODUCTS**

This aggregate covers the gross electricity generated by main activity producers from other oil products (all oil products not specifically mentioned in other categories, e.g. tar, sulphur, aromatics or olefins produced within refineries) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108813 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY – OTHER OIL PRODUCTS

This aggregate covers the gross electricity generated by autoproducers from other oil products (all oil products not specifically mentioned in other categories, e.g. tar, sulphur, aromatics or olefins produced within refineries) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108814 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – OTHER OIL PRODUCTS

This aggregate covers the gross electricity generated by autoproducers from other oil products (all oil products not specifically mentioned in other categories, e.g. tar, sulphur, aromatics or olefins produced within refineries) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108891 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – NATURAL GAS**

This aggregate covers the gross electricity generated by main activity producers from natural gas (which comprises gases, occurring in underground deposits, whether liquefied or gaseous, consisting mainly of methane) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on natural gas

Related terms: 17_107000 Total gross production

**22_108892 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS – NATURAL GAS**

This aggregate covers the gross electricity generated by main activity producers from natural gas (which comprises gases, occurring in underground deposits, whether liquefied or gaseous, consisting mainly of methane) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on natural gas

Related terms: 17_107000 Total gross production

**22_108893 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY – NATURAL GAS**

This aggregate covers the gross electricity generated by autoproducers from natural gas (which comprises gases, occurring in underground deposits, whether liquefied or gaseous, consisting mainly of methane) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on natural gas

Related terms: 17_107000 Total gross production

22_108894 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – NATURAL GAS

This aggregate covers the gross electricity generated by autoproducers from natural gas (which comprises gases, occurring in underground deposits, whether liquefied or gaseous, consisting mainly of methane) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on natural gas

Related terms: 17_107000 Total gross production

22_108901 GROSS ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – INDUSTRIAL WASTE

This aggregate covers the gross electricity generated by main activity producers from industrial waste (which is waste of industrial non-renewable origin -solids or liquids-combusted directly for the production of electricity) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108902 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS – INDUSTRIAL WASTE

This aggregate covers the gross electricity generated by main activity producers from industrial waste (which is waste of industrial non-renewable origin -solids or liquids-combusted directly for the production of electricity) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108903 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY – INDUSTRIAL WASTE**

This aggregate covers the gross electricity generated by autoproducers from industrial waste (which is waste of industrial non-renewable origin -solids or liquids- combusted directly for the production of electricity) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108904 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS – MUNICIPAL WASTE (RENEWABLE)**

This aggregate covers the gross electricity generated by autoproducers from industrial waste (which is waste of industrial non-renewable origin -solids or liquids- combusted directly for the production of electricity) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108911 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – MUNICIPAL WASTE (RENEWABLE)**

This aggregate covers the gross electricity generated by main activity producers from municipal waste -renewable- (the portion of waste produced by households, industry, hospitals and the tertiary sector which is biological material collected by local authorities and incinerated at specific installations) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108912 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS – MUNICIPAL WASTE (RENEWABLE)

This aggregate covers the gross electricity generated by main activity producers from municipal waste –renewable- (the portion of waste produced by households, industry, hospitals and the tertiary sector which is biological material collected by local authorities and incinerated at specific installations) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108913 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY – MUNICIPAL WASTE (RENEWABLE)

This aggregate covers the gross electricity generated by autoproducers from municipal waste -renewable- (the portion of waste produced by households, industry, hospitals and the tertiary sector which is biological material collected by local authorities and incinerated at specific installations) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108914 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – MUNICIPAL WASTE (RENEWABLE)

This aggregate covers the gross electricity generated by autoproducers from municipal waste -renewable- (the portion of waste produced by households, industry, hospitals and the tertiary sector which is biological material collected by local authorities and incinerated at specific installations) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108921 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – MUNICIPAL WASTE (NON-RENEWABLE)**

This aggregate covers the gross electricity generated by main activity producers from non-renewable municipal waste (the portion of waste produced by households, industry, hospitals and the tertiary sector which is non-biological material collected by local authorities and incinerated at specific installations) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108922 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP
PLANTS – MUNICIPAL WASTE (NON-RENEWABLE)**

This aggregate covers the gross electricity generated by main activity producers from non-renewable municipal waste (the portion of waste produced by households, industry, hospitals and the tertiary sector which is non-biological material collected by local authorities and incinerated at specific installations) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108923 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY – MUNICIPAL WASTE (NON-RENEWABLE)**

This aggregate covers the gross electricity generated by autoproducers from non-renewable municipal waste (the portion of waste produced by households, industry, hospitals and the tertiary sector which is non-biological material collected by local authorities and incinerated at specific installations) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108924 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – MUNICIPAL WASTE (NON-RENEWABLE)

This aggregate covers the gross electricity generated by autoproducers from non-renewable municipal waste (the portion of waste produced by households, industry, hospitals and the tertiary sector which is non-biological material collected by local authorities and incinerated at specific installations) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108931 GROSS ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – SOLID BIOFUELS EXCLUDING CHARCOAL

This aggregate covers the gross electricity generated in plants producing electricity only by main activity producers from solid biofuels (organic, non-fossil material of biological origin that may be used as fuel for electricity generation), excluding charcoal.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108932 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS – SOLID BIOFUELS EXCLUDING CHARCOAL

This aggregate covers the gross electricity generated in CHP plants by main activity producers from solid biofuels (organic, non-fossil material of biological origin that may be used as fuel for electricity generation), excluding charcoal.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy

Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108933 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY – SOLID BIOFUELS EXCLUDING
CHARCOAL**

This aggregate covers the gross electricity generated in plants producing electricity only by autoproducers from solid biofuels (organic, non-fossil material of biological origin that may be used as fuel for electricity generation), excluding charcoal.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108934 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS – SOLID BIOFUELS EXCLUDING CHARCOAL**

This aggregate covers the gross electricity generated in CHP plants by autoproducers from solid biofuels (organic, non-fossil material of biological origin that may be used as fuel for electricity generation), excluding charcoal.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108941 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – BIOGASES**

This aggregate covers the gross electricity generated by main activity producers from biogases (gases composed principally of methane and carbon dioxide produced by anaerobic fermentation of biomass or by thermal processes) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108942 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS – BIOGASES

This aggregate covers the gross electricity generated by main activity producers from biogases (gases composed principally of methane and carbon dioxide produced by anaerobic fermentation of biomass or by thermal processes) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108943 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY – BIOGASES

This aggregate covers the gross electricity generated by autoproducers from biogases (gases composed principally of methane and carbon dioxide produced by anaerobic fermentation of biomass or by thermal processes) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108944 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – BIOGASES

This aggregate covers the gross electricity generated by autoproducers from biogases (gases composed principally of methane and carbon dioxide produced by anaerobic fermentation of biomass or by thermal processes) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108951 GROSS ELECTRICITY GENERATION MAIN ACTIVITY ELECTRICITY ONLY – BIODIESELS

This aggregate covers the gross electricity generated by main activity producers from biodiesels (including biodiesel, biodimethylether, Fischer Tropsch produced from biomass and cold pressed biooil) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108952 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS – BIODIESELS

This aggregate covers the gross electricity generated by main activity producers from biodiesels (including biodiesel, biodimethylether, Fischer Tropsch produced from biomass and cold pressed biooil) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108953 GROSS ELECTRICITY GENERATION AUTOPRODUCER
ELECTRICITY ONLY – BIODIESELS**

This aggregate covers the gross electricity generated by autoproducers from biodiesels (including biodiesel, biodimethylether, Fischer Tropsch produced from biomass and cold pressed biooil) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108954 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP
PLANTS – BIODIESELS**

This aggregate covers the gross electricity generated by autoproducers from biodiesels (including biodiesel, biodimethylether, Fischer Tropsch produced from biomass and cold pressed biooil) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108971 GROSS ELECTRICITY GENERATION MAIN ACTIVITY
ELECTRICITY ONLY – OTHER LIQUID BIOFUELS**

This aggregate covers the gross electricity generated by main activity producers from other liquid biofuels (liquid biofuels that are used directly as fuel and are not included in the definitions of biogasoline, biodiesel or bio jet kerosene, or that cannot be reported under the right category because of missing information) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108972 GROSS ELECTRICITY GENERATION MAIN ACTIVITY CHP PLANTS – OTHER LIQUID BIOFUELS

This aggregate covers the gross electricity generated by main activity producers from other liquid biofuels (liquid biofuels that are used directly as fuel and are not included in the definitions of biogasoline, biodiesel or bio jet kerosene, or that cannot be reported under the right category because of missing information) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108973 GROSS ELECTRICITY GENERATION AUTOPRODUCER ELECTRICITY ONLY – OTHER LIQUID BIOFUELS

This aggregate covers the gross electricity generated by autoproducers from other liquid biofuels (liquid biofuels that are used directly as fuel and are not included in the definitions of biogasoline, biodiesel or bio jet kerosene, or that cannot be reported under the right category because of missing information) in plants producing electricity only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108974 GROSS ELECTRICITY GENERATION AUTOPRODUCER CHP PLANTS – OTHER LIQUID BIOFUELS

This aggregate covers the gross electricity generated by autoproducers from other liquid biofuels (liquid biofuels that are used directly as fuel and are not included in the definitions of biogasoline, biodiesel or bio jet kerosene, or that cannot be reported under the right category because of missing information) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

15_107061 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS - NUCLEAR

This aggregate covers the gross heat produced in nuclear plants (energy released by nuclear fission or nuclear fusion) owned by main activity producers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107060 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - NUCLEAR

This aggregate covers the gross heat produced in CHP nuclear plants (energy released by nuclear fission or nuclear fusion) owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107063 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - NUCLEAR

This aggregate covers the gross heat produced in nuclear plants (energy released by nuclear fission or nuclear fusion) owned by autoproducers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107062 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS - NUCLEAR

This aggregate covers the gross heat produced in CHP nuclear plants (energy released by nuclear fission or nuclear fusion) owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107065 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS - GEOTHERMAL**

This aggregate covers the gross heat produced in geothermal plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by main activity producers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107064 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS -
GEOTHERMAL**

This aggregate covers the gross heat produced in CHP geothermal plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107067 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS - GEOTHERMAL**

This aggregate covers the gross heat produced in geothermal plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by autoproducers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107066 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS - GEOTHERMAL

This aggregate covers the gross heat produced in CHP geothermal plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107069 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS - SOLAR

This aggregate covers the gross heat produced capturing solar radiation for the production of heat for sale (hot water or steam) in equipment owned by main activity producers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107068 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - SOLAR

This aggregate covers the gross heat produced in CHP installations capturing solar radiation for the production of heat for sale (hot water or steam) and owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107071 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS - SOLAR**

This aggregate covers the gross heat produced capturing solar radiation for the production of heat for sale (hot water or steam) in equipment owned by autoproducers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107070 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS -
SOLAR**

This aggregate covers the gross heat produced in CHP installations capturing solar radiation for the production of heat for sale (hot water or steam) and owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107073 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – COMBUSTIBLE FUELS**

This aggregate covers the gross heat produced from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in plants owned by main activity producers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107072 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS -
COMBUSTIBLE FUELS**

This aggregate covers the gross heat produced from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in CHP plants owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107075 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS - COMBUSTIBLE FUELS**

This aggregate covers the gross heat produced from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in plants owned by autoproducers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107074 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS -
COMBUSTIBLE FUELS**

This aggregate covers the gross heat produced from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in CHP plants owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107077 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – HEAT PUMPS**

This aggregate covers the gross heat produced from heat pumps and sold to third parties in plants owned by main activity producers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107076 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - HEAT PUMPS

This aggregate covers the gross heat produced from heat pumps and sold to third parties in CHP plants owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107079 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - HEAT PUMPS

This aggregate covers the gross heat produced from heat pumps and sold to third parties in plants owned by autoproducers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107078 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS - HEAT PUMPS

This aggregate covers the gross heat produced from heat pumps and sold to third parties in CHP plants owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107082 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – ELECTRIC BOILERS

This aggregate covers the gross heat produced from electric boilers and sold to third parties in plants owned by main activity producers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107080 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - ELECTRIC BOILERS

This aggregate covers the gross heat produced from electric boilers and sold to third parties in CHP plants owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107084 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - ELECTRIC BOILERS

This aggregate covers the gross heat produced from electric boilers and sold to third parties in plants owned by autoproducers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107083 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – ELECTRIC BOILERS

This aggregate covers the gross heat produced from electric boilers and sold to third parties in CHP plants owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107086 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS – HEAT FROM CHEMICAL SOURCES**

This aggregate covers the gross heat produced by autoproducers from the heat originating from processes without input energy, such as a chemical reaction (e.g. the treatment of zinc oxide ore with hydrochloric acid) in installations producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107085 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS -
HEAT FROM CHEMICAL SOURCES**

This aggregate covers the gross heat produced by autoproducers from the heat originating from processes without input energy, such as a chemical reaction (e.g. the treatment of zinc oxide ore with hydrochloric acid) in CHP installations.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107087 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – OTHER SOURCES**

This aggregate covers the gross heat produced from sources other than those listed (e.g. from fuel cells) in plants owned by main activity producers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

**15_107086 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS -
OTHER SOURCES**

This aggregate covers the gross heat produced from sources other than those listed (e.g. from fuel cells) in CHP plants owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107089 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - OTHER SOURCES

This aggregate covers the gross heat produced from sources other than those listed (e.g. from fuel cells) in plants owned by autoproducers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

15_107088 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS - OTHER SOURCES

This aggregate covers the gross heat produced from sources other than those listed (e.g. from fuel cells) in CHP plants owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107000 Total gross production

16_107161 NET HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS - NUCLEAR

This aggregate covers the net heat produced in nuclear plants (energy released by nuclear fission or nuclear fusion) owned by main activity producers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107160 NET HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS -
NUCLEAR**

This aggregate covers the net heat produced in CHP nuclear plants (energy released by nuclear fission or nuclear fusion) owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107163 NET HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS
- NUCLEAR**

This aggregate covers the net heat produced in nuclear plants (energy released by nuclear fission or nuclear fusion) owned by autoproducers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107162 NET HEAT PRODUCTION AUTOPRODUCER CHP PLANTS -
NUCLEAR**

This aggregate covers the net heat produced in CHP nuclear plants (energy released by nuclear fission or nuclear fusion) owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107165 NET HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS -
GEOTHERMAL**

This aggregate covers the net heat produced in geothermal plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by main activity producers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107164 NET HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - GEOTHERMAL

This aggregate covers the net heat produced in CHP geothermal plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107167 NET HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - GEOTHERMAL

This aggregate covers the net heat produced in geothermal plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by autoproducers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107166 NET HEAT PRODUCTION AUTOPRODUCER CHP PLANTS - GEOTHERMAL

This aggregate covers the net heat produced in CHP geothermal plants (energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam) owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107169 NET HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS - SOLAR

This aggregate covers the net heat produced capturing solar radiation for the production of heat for sale (hot water or steam) in equipment owned by main activity producers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107168 NET HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - SOLAR

This aggregate covers the net heat produced in CHP installations capturing solar radiation for the production of heat for sale (hot water or steam) and owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107171 NET HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - SOLAR

This aggregate covers the net heat produced capturing solar radiation for the production of heat for sale (hot water or steam) in equipment owned by autoproducers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107170 NET HEAT PRODUCTION AUTOPRODUCER CHP PLANTS - SOLAR

This aggregate covers the net heat produced in CHP installations capturing solar radiation for the production of heat for sale (hot water or steam) and owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107173 NET HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – COMBUSTIBLE FUELS

This aggregate covers the net heat produced from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in plants owned by main activity producers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107172 NET HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - COMBUSTIBLE FUELS

This aggregate covers the net heat produced from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in CHP plants owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107175 NET HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - COMBUSTIBLE FUELS

This aggregate covers the net heat produced from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in plants owned by autoproducers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107174 NET HEAT PRODUCTION AUTOPRODUCER CHP PLANTS -
COMBUSTIBLE FUELS**

This aggregate covers the net heat produced from combustible fuels (refers to fuels that are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature) in CHP plants owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107177 NET HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS
- HEAT PUMPS**

This aggregate covers the net heat produced from heat pumps and sold to third parties in plants owned by main activity producers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107176 NET HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - HEAT
PUMPS**

This aggregate covers the net heat produced from heat pumps and sold to third parties in CHP plants owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107179 NET HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS
- HEAT PUMPS**

This aggregate covers the net heat produced from heat pumps and sold to third parties in plants owned by autoproducers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107178 NET HEAT PRODUCTION AUTOPRODUCER CHP PLANTS - HEAT PUMPS

This aggregate covers the net heat produced from heat pumps and sold to third parties in CHP plants owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107182 NET HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – ELECTRIC BOILERS

This aggregate covers the net heat produced from electric boilers and sold to third parties in plants owned by main activity producers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107180 NET HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - ELECTRIC BOILERS

This aggregate covers the net heat produced from electric boilers and sold to third parties in CHP plants owned by main activity producers.

Related terms: 17_107100 Total net production

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107181 NET HEAT PRODUCTION MAIN ACTIVITY ONLY PLANTS -
ELECTRIC BOILERS**

This aggregate covers the net heat produced from electric boilers and sold to third parties in heat plants owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107183 NET HEAT PRODUCTION AUTOPRODUCER HEAT PLANTS –
ELECTRIC BOILERS**

This aggregate covers the net heat produced from electric boilers and sold to third parties in CHP plants owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107185 NET HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS
– HEAT FROM CHEMICAL SOURCES**

This aggregate covers the net heat produced by autoproducers from the heat originating from processes without input energy, such as a chemical reaction (e.g. the treatment of zinc oxide ore with hydrochloric acid) in installations producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**16_107184 NET HEAT PRODUCTION AUTOPRODUCER CHP PLANTS - HEAT
FROM CHEMICAL SOURCES**

This aggregate covers the net heat produced by autoproducers from the heat originating from processes without input energy, such as a chemical reaction (e.g. the treatment of zinc oxide ore with hydrochloric acid) in CHP installations.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107187 NET HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – OTHER SOURCES

This aggregate covers the net heat produced from sources other than those listed (e.g. from fuel cells) in plants owned by main activity producers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107186 NET HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - OTHER SOURCES

This aggregate covers the net heat produced from sources other than those listed (e.g. from fuel cells) in CHP plants owned by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107189 NET HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - OTHER SOURCES

This aggregate covers the net heat produced from sources other than those listed (e.g. from fuel cells) in plants owned by autoproducers and producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

16_107188 NET HEAT PRODUCTION AUTOPRODUCER CHP PLANTS - OTHER SOURCES

This aggregate covers the net heat produced from sources other than those listed (e.g. from fuel cells) in CHP plants owned by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

22_108507 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – ANTHRACITE

This aggregate covers the gross heat produced by main activity producers from anthracite (high rank coal used for industrial and residential applications) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108506 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - ANTHRACITE

This aggregate covers the gross heat produced by main activity producers from anthracite (high rank coal used for industrial and residential applications) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108509 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - ANTHRACITE

This aggregate covers the gross heat produced by autoproducers from anthracite (high rank coal used for industrial and residential applications) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108508 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS - ANTHRACITE

This aggregate covers the gross heat produced by autoproducers from anthracite (high rank coal used for industrial and residential applications) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108517 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – COKING COAL

This aggregate covers the gross heat produced by main activity producers from coking coal (bituminous coal with a quality that allows the production of a coke suitable to support a blast furnace charge) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108516 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - COKING COAL

This aggregate covers the gross heat produced by main activity producers from coking coal (bituminous coal with a quality that allows the production of a coke suitable to support a blast furnace charge) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for

Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108519 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - COKING COAL

This aggregate covers the gross heat produced by autoproducers from coking coal (bituminous coal with a quality that allows the production of a coke suitable to support a blast furnace charge) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108518 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS - COKING COAL

This aggregate covers the gross heat produced by autoproducers from coking coal (bituminous coal with a quality that allows the production of a coke suitable to support a blast furnace charge) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108527 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – OTHER BITUMINOUS COAL

This aggregate covers the gross heat produced by main activity producers from other bituminous coal (coal mainly used for steam raising purposes and includes all bituminous coal that is not included under coking coal nor anthracite) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy

Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108526 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - OTHER BITUMINOUS COAL

This aggregate covers the gross heat produced by main activity producers from other bituminous coal (coal mainly used for steam raising purposes and includes all bituminous coal that is not included under coking coal nor anthracite) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108529 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - OTHER BITUMINOUS COAL

This aggregate covers the gross heat produced by autoproducers from other bituminous coal (coal mainly used for steam raising purposes and includes all bituminous coal that is not included under coking coal nor anthracite) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108528 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS - OTHER BITUMINOUS COAL

This aggregate covers the gross heat produced by autoproducers from other bituminous coal (coal mainly used for steam raising purposes and includes all bituminous coal that is not included under coking coal nor anthracite) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy

Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108537 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – SUB-BITUMINOUS COAL**

This aggregate covers the gross heat produced by main activity producers from sub-bituminous coal (non-agglomerating coal with a gross calorific value equal to or greater than 20 000 kJ/kg and less than 24 000 kJ/kg containing more than 31% volatile matter on a dry mineral matter free basis) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108536 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - SUB-BITUMINOUS COAL

This aggregate covers the gross heat produced by main activity producers from sub-bituminous coal (non-agglomerating coal with a gross calorific value equal to or greater than 20 000 kJ/kg and less than 24 000 kJ/kg containing more than 31% volatile matter on a dry mineral matter free basis) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108539 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS - SUB-BITUMINOUS COAL**

This aggregate covers the gross heat produced by autoproducers from sub-bituminous coal (non-agglomerating coal with a gross calorific value equal to or greater than 20 000 kJ/kg and less than 24 000 kJ/kg containing more than 31% volatile matter on a dry mineral matter free basis) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108538 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS - SUB-BITUMINOUS COAL

This aggregate covers the gross heat produced by autoproducers from sub-bituminous coal (non-agglomerating coal with a gross calorific value equal to or greater than 20 000 kJ/kg and less than 24 000 kJ/kg containing more than 31% volatile matter on a dry mineral matter free basis) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108547 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – LIGNITE/BROWN COAL

This aggregate covers the gross heat produced by main activity producers from lignite/brown coal (non-agglomerating coal with a gross calorific value less than 20 000 kJ/kg and greater than 31% volatile matter on a dry mineral matter free basis) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108546 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - LIGNITE/BROWN COAL

This aggregate covers the gross heat produced by main activity producers from lignite/brown coal (non-agglomerating coal with a gross calorific value less than 20 000 kJ/kg and greater than 31% volatile matter on a dry mineral matter free basis) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108549 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - LIGNITE/BROWN COAL

This aggregate covers the gross heat produced by autoproducers from lignite/brown coal (non-agglomerating coal with a gross calorific value less than 20 000 kJ/kg and greater than 31% volatile matter on a dry mineral matter free basis) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108548 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS - LIGNITE/BROWN COAL

This aggregate covers the gross heat produced by autoproducers from lignite/brown coal (non-agglomerating coal with a gross calorific value less than 20 000 kJ/kg and greater than 31% volatile matter on a dry mineral matter free basis) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108557 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – PEAT

This aggregate covers the gross heat produced by main activity producers from peat (a combustible soft, porous or compressed, fossil sedimentary deposit of plant origin with high water content (up to 90 percent in the raw state), easily cut, and of light to dark brown colour) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108556 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - PEAT

This aggregate covers the gross heat produced by main activity producers from peat (a combustible soft, porous or compressed, fossil sedimentary deposit of plant origin with high water content (up to 90 percent in the raw state), easily cut, and of light to dark brown colour) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108559 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - PEAT

This aggregate covers the gross heat produced by autoproducers from peat (a combustible soft, porous or compressed, fossil sedimentary deposit of plant origin with high water content (up to 90 percent in the raw state), easily cut, and of light to dark brown colour) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy

Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108558 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS - PEAT

This aggregate covers the gross heat produced by autoproducers from peat (a combustible soft, porous or compressed, fossil sedimentary deposit of plant origin with high water content (up to 90 percent in the raw state), easily cut, and of light to dark brown colour) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108567 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – PATENT FUEL

This aggregate covers the gross heat produced by main activity producers from patent fuel (a composition fuel manufactured from hard coal fines with the addition of a binding agent) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108566 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - PATENT FUEL

This aggregate covers the gross heat produced by main activity producers from patent fuel (a composition fuel manufactured from hard coal fines with the addition of a binding agent) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for

Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108569 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS - PATENT FUEL**

This aggregate covers the gross heat produced by autoproducers from patent fuel (a composition fuel manufactured from hard coal fines with the addition of a binding agent) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108568 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS -
PATENT FUEL**

This aggregate covers the gross heat produced by autoproducers from patent fuel (a composition fuel manufactured from hard coal fines with the addition of a binding agent) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108577 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – COKE OVEN COKE**

This aggregate covers the gross heat produced by main activity producers from coke oven coke (solid product obtained from carbonization of coal at high temperature, low in moisture and volatile matter and used mainly in the iron and steel industry acting as energy source and chemical agent) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108576 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - COKE OVEN COKE

This aggregate covers the gross heat produced by main activity producers from coke oven coke (solid product obtained from carbonization of coal at high temperature, low in moisture and volatile matter and used mainly in the iron and steel industry acting as energy source and chemical agent) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108579 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - COKE OVEN COKE

This aggregate covers the gross heat produced by autoproducers from coke oven coke (solid product obtained from carbonization of coal at high temperature, low in moisture and volatile matter and used mainly in the iron and steel industry acting as energy source and chemical agent) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108578 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – COKE OVEN COKE

This aggregate covers the gross heat produced by autoproducers from coke oven coke (solid product obtained from carbonization of coal at high temperature, low in moisture and volatile

matter and used mainly in the iron and steel industry acting as energy source and chemical agent) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108587 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – GAS COKE

This aggregate covers the gross heat produced by main activity producers from gas coke (by-product of hard coal used for production of town gas in gas works and for heating purposes) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108586 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - GAS COKE

This aggregate covers the gross heat produced by main activity producers from gas coke (by-product of hard coal used for production of town gas in gas works and for heating purposes) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108589 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS - GAS COKE**

This aggregate covers the gross heat produced by autoproducers from gas coke (by-product of hard coal used for production of town gas in gas works and for heating purposes) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108588 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS –
GAS COKE**

This aggregate covers the gross heat produced by autoproducers from gas coke (by-product of hard coal used for production of town gas in gas works and for heating purposes) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108597 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – COAL TAR**

This aggregate covers the gross heat produced by main activity producers from coal tar (a result of the destructive distillation of bituminous coal or of the low-temperature carbonisation of brown coal) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108596 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - COAL TAR

This aggregate covers the gross heat produced by main activity producers from coal tar (a result of the destructive distillation of bituminous coal or of the low-temperature carbonisation of brown coal) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108599 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - COAL TAR

This aggregate covers the gross heat produced by autoproducers from coal tar (a result of the destructive distillation of bituminous coal or of the low-temperature carbonisation of brown coal) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108598 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – COAL TAR

This aggregate covers the gross heat produced by autoproducers from coal tar (a result of the destructive distillation of bituminous coal or of the low-temperature carbonisation of brown coal) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108607 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – BKB

This aggregate covers the gross heat produced by main activity producers from BKB (Brown coal briquettes, which is a composition fuel manufactured from lignite or sub-bituminous coal, produced by briquetting under high pressure without the addition of a binding agent) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108606 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - BKB

This aggregate covers the gross heat produced by main activity producers from BKB (Brown coal briquettes, which is a composition fuel manufactured from lignite or sub-bituminous coal, produced by briquetting under high pressure without the addition of a binding agent) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108609 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - BKB

This aggregate covers the gross heat produced by autoproducers from BKB (Brown coal briquettes, which is a composition fuel manufactured from lignite or sub-bituminous coal, produced by briquetting under high pressure without the addition of a binding agent) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108608 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – BKB

This aggregate covers the gross heat produced by autoproducers from BKB (Brown coal briquettes, which is a composition fuel manufactured from lignite or sub-bituminous coal, produced by briquetting under high pressure without the addition of a binding agent) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108617 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – GAS WORKS GAS

This aggregate covers the gross heat produced by main activity producers from gas works gas (all types of gases produced in public utility or private plants, whose main purpose is manufacture, transport and distribution of gas) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108616 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - GAS WORKS GAS

This aggregate covers the gross heat produced by main activity producers from gas works gas (all types of gases produced in public utility or private plants, whose main purpose is manufacture, transport and distribution of gas) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108619 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS - GAS WORKS GAS**

This aggregate covers the gross heat produced by autoproducers from gas works gas (all types of gases produced in public utility or private plants, whose main purpose is manufacture, transport and distribution of gas) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108618 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS –
GAS WORKS GAS**

This aggregate covers the gross heat produced by autoproducers from gas works gas (all types of gases produced in public utility or private plants, whose main purpose is manufacture, transport and distribution of gas) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108627 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – COKE OVEN GAS**

This aggregate covers the gross heat produced by main activity producers from coke oven gas (by-product from the manufacture of coke oven coke for the production of iron and steel) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108626 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - COKE OVEN GAS

This aggregate covers the gross heat produced by main activity producers from coke oven gas (by-product from the manufacture of coke oven coke for the production of iron and steel) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108629 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - COKE OVEN GAS

This aggregate covers the gross heat produced by autoproducers from coke oven gas (by-product from the manufacture of coke oven coke for the production of iron and steel) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108628 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – COKE OVEN GAS

This aggregate covers the gross heat produced by autoproducers from coke oven gas (by-product from the manufacture of coke oven coke for the production of iron and steel) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108637 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – BLAST FURNACE GAS**

This aggregate covers the gross heat produced by main activity producers from blast furnace gas (produced during the combustion of coke in blast furnaces in the iron and steel industry, recovered, and used as a fuel partly within the plant and partly in other processes or power stations equipped to burn it) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108636 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS -
BLAST FURNACE GAS**

This aggregate covers the gross heat produced by main activity producers from blast furnace gas (produced during the combustion of coke in blast furnaces in the iron and steel industry, recovered, and used as a fuel partly within the plant and partly in other processes or power stations equipped to burn it) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108639 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS - BLAST FURNACE GAS**

This aggregate covers the gross heat produced by autoproducers from blast furnace gas (produced during the combustion of coke in blast furnaces in the iron and steel industry, recovered, and used as a fuel partly within the plant and partly in other processes or power stations equipped to burn it) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108638 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – BLAST FURNACE GAS

This aggregate covers the gross heat produced by autoproducers from blast furnace gas (produced during the combustion of coke in blast furnaces in the iron and steel industry, recovered, and used as a fuel partly within the plant and partly in other processes or power stations equipped to burn it) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108647 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – OTHER RECOVERED GASES

This aggregate covers the gross heat produced by main activity producers from other recovered gases (by-product of the production of steel in an oxygen furnace, recovered on leaving the furnace and also known as converter gas, LD gas or BOS gas) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108646 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - OTHER RECOVERED GASES

This aggregate covers the gross heat produced by main activity producers from other recovered gases (by-product of the production of steel in an oxygen furnace, recovered on leaving the furnace and also known as converter gas, LD gas or BOS gas) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108649 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS - OTHER RECOVERED GASES**

This aggregate covers the gross heat produced by autoproducers from other recovered gases (by-product of the production of steel in an oxygen furnace, recovered on leaving the furnace and also known as converter gas, LD gas or BOS gas) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108648 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS –
OTHER RECOVERED GASES**

This aggregate covers the gross heat produced by autoproducers from other recovered gases (by-product of the production of steel in an oxygen furnace, recovered on leaving the furnace and also known as converter gas, LD gas or BOS gas) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108657 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – OIL SHALE AND OIL SANDS**

This aggregate covers the gross heat produced by main activity producers from oil shale and oil sands (sedimentary rock that contains organic matter in the form of kerogen, a waxy hydrocarbon-rich material regarded as a precursor of petroleum) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108656 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - OIL SHALE AND OIL SANDS

This aggregate covers the gross heat produced by main activity producers from oil shale and oil sands (sedimentary rock that contains organic matter in the form of kerogen, a waxy hydrocarbon-rich material regarded as a precursor of petroleum) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108659 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - OIL SHALE AND OIL SANDS

This aggregate covers the gross heat produced by autoproducers from oil shale and oil sands (sedimentary rock that contains organic matter in the form of kerogen, a waxy hydrocarbon-rich material regarded as a precursor of petroleum) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108658 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – OIL SHALE AND OIL SANDS

This aggregate covers the gross heat produced by autoproducers from oil shale and oil sands (sedimentary rock that contains organic matter in the form of kerogen, a waxy hydrocarbon-rich material regarded as a precursor of petroleum) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108667 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – PEAT PRODUCTS**

This aggregate covers the gross heat produced by main activity producers from peat products (products such as peat briquettes derived directly or indirectly from sod peat and milled peat) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108666 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS -
PEAT PRODUCTS**

This aggregate covers the gross heat produced by main activity producers from peat products (products such as peat briquettes derived directly or indirectly from sod peat and milled peat) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

**22_108669 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS - PEAT PRODUCTS**

This aggregate covers the gross heat produced by autoproducers from peat products (products such as peat briquettes derived directly or indirectly from sod peat and milled peat) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108668 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – PEAT PRODUCTS

This aggregate covers the gross heat produced by autoproducers from peat products (products such as peat briquettes derived directly or indirectly from sod peat and milled peat) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 17_107000 Total gross production

22_108707 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – CRUDE OIL

This aggregate covers the gross heat produced by main activity producers from crude oil (mineral oil of natural origin comprising a mixture of hydrocarbons and associated impurities, such as sulphur, and existing in the liquid phase under normal surface temperature and pressure) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108706 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - CRUDE OIL

This aggregate covers the gross heat produced by main activity producers from crude oil (mineral oil of natural origin comprising a mixture of hydrocarbons and associated impurities, such as sulphur, and existing in the liquid phase under normal surface temperature and pressure) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108709 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS - CRUDE OIL**

This aggregate covers the gross heat produced by autoproducers from crude oil (mineral oil of natural origin comprising a mixture of hydrocarbons and associated impurities, such as sulphur, and existing in the liquid phase under normal surface temperature and pressure) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108708 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS –
CRUDE OIL**

This aggregate covers the gross heat produced by autoproducers from crude oil (mineral oil of natural origin comprising a mixture of hydrocarbons and associated impurities, such as sulphur, and existing in the liquid phase under normal surface temperature and pressure) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108717 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – NGL (NATURAL GAS LIQUIDS)**

This aggregate covers the gross heat produced by main activity producers from Natural Gas Liquids (liquid or liquefied hydrocarbons recovered from natural gas in separation facilities or gas processing plants, including ethane, propane, butane (normal and iso–), (iso) pentane and pentanes plus) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108716 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - NGL (NATURAL GAS LIQUIDS)

This aggregate covers the gross heat produced by main activity producers from Natural Gas Liquids (liquid or liquefied hydrocarbons recovered from natural gas in separation facilities or gas processing plants, including ethane, propane, butane (normal and iso–), (iso) pentane and pentanes plus) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108719 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - NGL (NATURAL GAS LIQUIDS)

This aggregate covers the gross heat produced by autoproducers from Natural Gas Liquids (liquid or liquefied hydrocarbons recovered from natural gas in separation facilities or gas processing plants, including ethane, propane, butane (normal and iso–), (iso) pentane and pentanes plus) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108718 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – NGL (NATURAL GAS LIQUIDS)

This aggregate covers the gross heat produced by autoproducers from Natural Gas Liquids (liquid or liquefied hydrocarbons recovered from natural gas in separation facilities or gas processing plants, including ethane, propane, butane (normal and iso–), (iso) pentane and pentanes plus) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108727 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – REFINERY GAS

This aggregate covers the gross heat produced by main activity producers from refinery gas (mixture of non–condensed gases mainly consisting of hydrogen, methane, ethane and olefins obtained during distillation of crude oil or treatment of oil products in refineries, as well as gases which are returned from the petrochemical industry) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108726 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - REFINERY GAS

This aggregate covers the gross heat produced by main activity producers from refinery gas (mixture of non–condensed gases mainly consisting of hydrogen, methane, ethane and olefins obtained during distillation of crude oil or treatment of oil products in refineries, as well as gases which are returned from the petrochemical industry) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108729 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - REFINERY GAS

This aggregate covers the gross heat produced by autoproducers from refinery gas (mixture of non–condensed gases mainly consisting of hydrogen, methane, ethane and olefins obtained during distillation of crude oil or treatment of oil products in refineries, as well as gases which are returned from the petrochemical industry) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108728 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – REFINERY GAS

This aggregate covers the gross heat produced by autoproducers from refinery gas (mixture of non-condensed gases mainly consisting of hydrogen, methane, ethane and olefins obtained during distillation of crude oil or treatment of oil products in refineries, as well as gases which are returned from the petrochemical industry) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108737 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – LPG (LIQUEFIED PETROLEUM GASES)

This aggregate covers the gross heat produced by main activity producers from LPG (light paraffinic hydrocarbons derived from the refinery processes, crude oil stabilisation and natural gas processing plants, consisting mainly of propane (C₃H₈), butane (C₄H₁₀), propylene, butylene, isobutene and isobutylene and normally liquefied under pressure for transportation and storage) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108736 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - LPG (LIQUEFIED PETROLEUM GASES)

This aggregate covers the gross heat produced by main activity producers from LPG (light paraffinic hydrocarbons derived from the refinery processes, crude oil stabilisation and natural gas processing plants, consisting mainly of propane (C₃H₈), butane (C₄H₁₀), propylene, butylene, isobutene and isobutylene and normally liquefied under pressure for transportation and storage) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108739 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS - LPG (LIQUEFIED PETROLEUM GASES)**

This aggregate covers the gross heat produced by autoproducers from LPG (light paraffinic hydrocarbons derived from the refinery processes, crude oil stabilisation and natural gas processing plants, consisting mainly of propane (C₃H₈), butane (C₄H₁₀), propylene, butylene, isobutene and isobutylene and normally liquefied under pressure for transportation and storage) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108738 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS –
LPG (LIQUEFIED PETROLEUM GASES)**

This aggregate covers the gross heat produced by autoproducers from LPG (light paraffinic hydrocarbons derived from the refinery processes, crude oil stabilisation and natural gas processing plants, consisting mainly of propane (C₃H₈), butane (C₄H₁₀), propylene, butylene, isobutene and isobutylene and normally liquefied under pressure for transportation and storage) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108747 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – NAPHTHA**

This aggregate covers the gross heat produced by main activity producers from naphtha (feedstock usually destined for either the petrochemical industry or for gasoline production by reforming or isomerisation within the refinery) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108746 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS - NAPHTHA

This aggregate covers the gross heat produced by main activity producers from naphtha (feedstock usually destined for either the petrochemical industry or for gasoline production by reforming or isomerisation within the refinery) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108749 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - NAPHTHA

This aggregate covers the gross heat produced by autoproducers from naphtha (feedstock usually destined for either the petrochemical industry or for gasoline production by reforming or isomerisation within the refinery) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108748 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – NAPHTHA

This aggregate covers the gross heat produced by autoproducers from naphtha (feedstock usually destined for either the petrochemical industry or for gasoline production by reforming or isomerisation within the refinery) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108757 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – KEROSENE TYPE JET FUEL**

This aggregate covers the gross heat produced by main activity producers from kerosene type jet fuel (distillate used for aviation turbine power units, with the same distillation characteristics and flash point as kerosene and including kerosene blending components) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108756 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS –
KEROSENE TYPE JET FUEL**

This aggregate covers the gross heat produced by main activity producers from kerosene type jet fuel (distillate used for aviation turbine power units, with the same distillation characteristics and flash point as kerosene and including kerosene blending components) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108759 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS - KEROSENE TYPE JET FUEL**

This aggregate covers the gross heat produced by autoproducers from kerosene type jet fuel (distillate used for aviation turbine power units, with the same distillation characteristics and flash point as kerosene and including kerosene blending components) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108758 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS –
KEROSENE TYPE JET FUEL**

This aggregate covers the gross heat produced by autoproducers from kerosene type jet fuel (distillate used for aviation turbine power units, with the same distillation characteristics and flash point as kerosene and including kerosene blending components) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108767 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – OTHER KEROSENE**

This aggregate covers the gross heat produced by main activity producers from other kerosene (refined petroleum distillate comprised in kerosene and used in sectors other than aircraft transport) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108766 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS –
OTHER KEROSENE**

This aggregate covers the gross heat produced by main activity producers from other kerosene (refined petroleum distillate comprised in kerosene and used in sectors other than aircraft transport) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108769 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS - OTHER KEROSENE**

This aggregate covers the gross heat produced by autoproducers from other kerosene (refined petroleum distillate comprised in kerosene and used in sectors other than aircraft transport) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108768 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS –
OTHER KEROSENE**

This aggregate covers the gross heat produced by autoproducers from other kerosene (refined petroleum distillate comprised in kerosene and used in sectors other than aircraft transport) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108777 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – GAS / DIESEL OIL**

This aggregate covers the gross heat produced by main activity producers from gas/diesel oil (medium distillate distilling between 180°C and 380°C) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108776 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS – GAS / DIESEL OIL

This aggregate covers the gross heat produced by main activity producers from gas/diesel oil (medium distillate distilling between 180°C and 380°C) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108779 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - GAS / DIESEL OIL

This aggregate covers the gross heat produced by autoproducers from gas/diesel oil (medium distillate distilling between 180°C and 380°C) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108778 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – GAS / DIESEL OIL

This aggregate covers the gross heat produced by autoproducers from gas/diesel oil (medium distillate distilling between 180°C and 380°C) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108787 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – RESIDUAL FUEL OIL

This aggregate covers the gross heat produced by main activity producers from residual fuel oil (which includes all residual heavy fuel oils, including those obtained by blending) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108786 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS – RESIDUAL FUEL OIL

This aggregate covers the gross heat produced by main activity producers from residual fuel oil (which includes all residual heavy fuel oils, including those obtained by blending) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108789 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS - RESIDUAL FUEL OIL

This aggregate covers the gross heat produced by autoproducers from residual fuel oil (which includes all residual heavy fuel oils, including those obtained by blending) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108788 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – RESIDUAL FUEL OIL

This aggregate covers the gross heat produced by autoproducers from residual fuel oil (which includes all residual heavy fuel oils, including those obtained by blending) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for

Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108797 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – BITUMEN**

This aggregate covers the gross heat produced by main activity producers from bitumen (solid, semi-solid or viscous hydrocarbon with a colloidal structure, obtained as a residue in the distillation of crude oil and often referred to as asphalt) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108796 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS –
BITUMEN**

This aggregate covers the gross heat produced by main activity producers from bitumen (solid, semi-solid or viscous hydrocarbon with a colloidal structure, obtained as a residue in the distillation of crude oil and often referred to as asphalt) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108799 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS – BITUMEN**

This aggregate covers the gross heat produced by autoproducers from bitumen (solid, semi-solid or viscous hydrocarbon with a colloidal structure, obtained as a residue in the distillation of crude oil and often referred to as asphalt) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for

Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108798 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – BITUMEN

This aggregate covers the gross heat produced by autoproducers from bitumen (solid, semi-solid or viscous hydrocarbon with a colloidal structure, obtained as a residue in the distillation of crude oil and often referred to as asphalt) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108807 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – PETROLEUM COKE

This aggregate covers the gross heat produced by main activity producers from petroleum coke (black solid by-product consisting mainly of carbon (90 to 95%) and with low ash content, obtained mainly by cracking and carbonising petroleum derived feedstock, vacuum bottoms, tar and pitches in processes such as delayed coking or fluid coking) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108806 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS – PETROLEUM COKE

This aggregate covers the gross heat produced by main activity producers from petroleum coke (black solid by-product consisting mainly of carbon (90 to 95%) and with low ash content, obtained mainly by cracking and carbonising petroleum derived feedstock, vacuum bottoms, tar and pitches in processes such as delayed coking or fluid coking) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108809 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS PETROLEUM COKE

This aggregate covers the gross heat produced by autoproducers from petroleum coke (black solid by-product consisting mainly of carbon (90 to 95%) and with low ash content, obtained mainly by cracking and carbonising petroleum derived feedstock, vacuum bottoms, tar and pitches in processes such as delayed coking or fluid coking) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108808 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – PETROLEUM COKE

This aggregate covers the gross heat produced by autoproducers from petroleum coke (black solid by-product consisting mainly of carbon (90 to 95%) and with low ash content, obtained mainly by cracking and carbonising petroleum derived feedstock, vacuum bottoms, tar and pitches in processes such as delayed coking or fluid coking) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108817 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – OTHER OIL PRODUCTS

This aggregate covers the gross heat produced by main activity producers from other oil products (all oil products not specifically mentioned in other categories, e.g. tar, sulphur, aromatics or olefins produced within refineries) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108816 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS – OTHER OIL PRODUCTS

This aggregate covers the gross heat produced by main activity producers from other oil products (all oil products not specifically mentioned in other categories, e.g. tar, sulphur, aromatics or olefins produced within refineries) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108819 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS – OTHER OIL PRODUCTS

This aggregate covers the gross heat produced by autoproducers from other oil products (all oil products not specifically mentioned in other categories, e.g. tar, sulphur, aromatics or olefins produced within refineries) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

22_108818 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – OTHER OIL PRODUCTS

This aggregate covers the gross heat produced by autoproducers from other oil products (all oil products not specifically mentioned in other categories, e.g. tar, sulphur, aromatics or olefins produced within refineries) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for

Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual oil questionnaire

Related terms: 17_107000 Total gross production

**22_108897 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – NATURAL GAS**

This aggregate covers the gross heat produced by main activity producers from natural gas (which comprises gases, occurring in underground deposits, whether liquefied or gaseous, consisting mainly of methane) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on natural gas

Related terms: 17_107000 Total gross production

**22_108896 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS –
NATURAL GAS**

This aggregate covers the gross heat produced by main activity producers from natural gas (which comprises gases, occurring in underground deposits, whether liquefied or gaseous, consisting mainly of methane) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on natural gas

Related terms: 17_107000 Total gross production

**22_108899 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS – NATURAL GAS**

This aggregate covers the gross heat produced by autoproducers from natural gas (which comprises gases, occurring in underground deposits, whether liquefied or gaseous, consisting mainly of methane) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for

Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on natural gas

Related terms: 17_107000 Total gross production

22_108898 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – NATURAL GAS

This aggregate covers the gross heat produced by autoproducers from natural gas (which comprises gases, occurring in underground deposits, whether liquefied or gaseous, consisting mainly of methane) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on natural gas

Related terms: 17_107000 Total gross production

22_108907 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – INDUSTRIAL WASTE

This aggregate covers the gross heat produced by main activity producers from industrial waste (which is waste of industrial non-renewable origin -solids or liquids- combusted directly for the production of electricity) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108906 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS – INDUSTRIAL WASTE

This aggregate covers the gross heat produced by main activity producers from industrial waste (which is waste of industrial non-renewable origin -solids or liquids- combusted directly for the production of electricity) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108909 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS – INDUSTRIAL WASTE**

This aggregate covers the gross heat produced by autoproducers from industrial waste (which is waste of industrial non-renewable origin -solids or liquids- combusted directly for the production of electricity) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108908 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS –
MUNICIPAL WASTE (RENEWABLE)**

This aggregate covers the gross heat produced by autoproducers from industrial waste (which is waste of industrial non-renewable origin -solids or liquids- combusted directly for the production of electricity) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108917 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – MUNICIPAL WASTE (RENEWABLE)**

This aggregate covers the gross heat produced by main activity producers from municipal waste -renewable- (the portion of waste produced by households, industry, hospitals and the tertiary sector which is biological material collected by local authorities and incinerated at specific installations) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108916 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS – MUNICIPAL WASTE (RENEWABLE)

This aggregate covers the gross heat produced by main activity producers from municipal waste –renewable- (the portion of waste produced by households, industry, hospitals and the tertiary sector which is biological material collected by local authorities and incinerated at specific installations) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108919 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS – MUNICIPAL WASTE (RENEWABLE)

This aggregate covers the gross heat produced by autoproducers from municipal waste -renewable- (the portion of waste produced by households, industry, hospitals and the tertiary sector which is biological material collected by local authorities and incinerated at specific installations) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108918 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – MUNICIPAL WASTE (RENEWABLE)

This aggregate covers the gross heat produced by autoproducers from municipal waste -renewable- (the portion of waste produced by households, industry, hospitals and the tertiary sector which is biological material collected by local authorities and incinerated at specific installations) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108927 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – MUNICIPAL WASTE (NON-RENEWABLE)

This aggregate covers the gross heat produced by main activity producers from non-renewable municipal waste (the portion of waste produced by households, industry, hospitals and the tertiary sector which is non-biological material collected by local authorities and incinerated at specific installations) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108926 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS – MUNICIPAL WASTE (NON-RENEWABLE)

This aggregate covers the gross heat produced by main activity producers from non-renewable municipal waste (the portion of waste produced by households, industry, hospitals and the tertiary sector which is non-biological material collected by local authorities and incinerated at specific installations) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108929 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS – MUNICIPAL WASTE (NON-RENEWABLE)**

This aggregate covers the gross heat produced by autoproducers from non-renewable municipal waste (the portion of waste produced by households, industry, hospitals and the tertiary sector which is non-biological material collected by local authorities and incinerated at specific installations) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108928 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS –
MUNICIPAL WASTE (NON-RENEWABLE)**

This aggregate covers the gross heat produced by autoproducers from non-renewable municipal waste (the portion of waste produced by households, industry, hospitals and the tertiary sector which is non-biological material collected by local authorities and incinerated at specific installations) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108937 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY
PLANTS – SOLID BIOFUELS EXCLUDING CHARCOAL**

This aggregate covers the gross heat produced in plants producing heat only by main activity producers from solid biofuels (organic, non-fossil material of biological origin that may be used as fuel for heat production), excluding charcoal.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108936 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS –
SOLID BIOFUELS EXCLUDING CHARCOAL**

This aggregate covers the gross heat produced in CHP plants by main activity producers from solid biofuels (organic, non-fossil material of biological origin that may be used as fuel for heat production), excluding charcoal.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108939 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY
PLANTS – SOLID BIOFUELS EXCLUDING CHARCOAL**

This aggregate covers the gross heat produced in plants producing heat only by autoproducers from solid biofuels (organic, non-fossil material of biological origin that may be used as fuel for heat production), excluding charcoal.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

**22_108938 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS –
SOLID BIOFUELS EXCLUDING CHARCOAL**

This aggregate covers the gross heat produced in CHP plants by autoproducers from solid biofuels (organic, non-fossil material of biological origin that may be used as fuel for heat production), excluding charcoal.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108947 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – BIOGASES

This aggregate covers the gross heat produced by main activity producers from biogases (gases composed principally of methane and carbon dioxide produced by anaerobic fermentation of biomass or by thermal processes) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108946 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS – BIOGASES

This aggregate covers the gross heat produced by main activity producers from biogases (gases composed principally of methane and carbon dioxide produced by anaerobic fermentation of biomass or by thermal processes) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108949 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS – BIOGASES

This aggregate covers the gross heat produced by autoproducers from biogases (gases composed principally of methane and carbon dioxide produced by anaerobic fermentation of biomass or by thermal processes) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108948 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – BIOGASES

This aggregate covers the gross heat produced by autoproducers from biogases (gases composed principally of methane and carbon dioxide produced by anaerobic fermentation of biomass or by thermal processes) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108957 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – BIODIESELS

This aggregate covers the gross heat produced by main activity producers from biodiesels (including biodiesel, biodimethylether, Fischer Tropsch produced from biomass and cold pressed biooil) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108956 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS – BIODIESELS

This aggregate covers the gross heat produced by main activity producers from biodiesels (including biodiesel, biodimethylether, Fischer Tropsch produced from biomass and cold pressed biooil) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108959 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS – BIODIESELS

This aggregate covers the gross heat produced by autoproducers from biodiesels (including biodiesel, biodimethylether, Fischer Tropsch produced from biomass and cold pressed biooil) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108958 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – BIODIESELS

This aggregate covers the gross heat produced by autoproducers from biodiesels (including biodiesel, biodimethylether, Fischer Tropsch produced from biomass and cold pressed biooil) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108977 GROSS HEAT PRODUCTION MAIN ACTIVITY HEAT ONLY PLANTS – OTHER LIQUID BIOFUELS

This aggregate covers the gross heat produced by main activity producers from other liquid biofuels (liquid biofuels that are used directly as fuel and are not included in the definitions of biogasoline, biodiesel or bio jet kerosene, or that cannot be reported under the right category because of missing information) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108976 GROSS HEAT PRODUCTION MAIN ACTIVITY CHP PLANTS – OTHER LIQUID BIOFUELS

This aggregate covers the gross heat produced by main activity producers from other liquid biofuels (liquid biofuels that are used directly as fuel and are not included in the definitions of biogasoline, biodiesel or bio jet kerosene, or that cannot be reported under the right category because of missing information) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108979 GROSS HEAT PRODUCTION AUTOPRODUCER HEAT ONLY PLANTS – OTHER LIQUID BIOFUELS

This aggregate covers the gross heat produced by autoproducers from other liquid biofuels (liquid biofuels that are used directly as fuel and are not included in the definitions of biogasoline, biodiesel or bio jet kerosene, or that cannot be reported under the right category because of missing information) in plants producing heat only.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

22_108978 GROSS HEAT PRODUCTION AUTOPRODUCER CHP PLANTS – OTHER LIQUID BIOFUELS

This aggregate covers the gross heat produced by autoproducers from other liquid biofuels (liquid biofuels that are used directly as fuel and are not included in the definitions of biogasoline, biodiesel or bio jet kerosene, or that cannot be reported under the right category because of missing information) in CHP plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy

Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107000 Total gross production

1176011 ELECTRICAL CAPACITY, MAIN ACTIVITY PRODUCERS – COMBUSTIBLE FUELS

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in plants using combustible fuels and operated by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176012 ELECTRICAL CAPACITY, AUTOPRODUCERS – COMBUSTIBLE FUELS

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in plants using combustible fuels and operated by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176031 ELECTRICAL CAPACITY, MAIN ACTIVITY PRODUCERS – NUCLEAR

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in nuclear power plants operated by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176032 ELECTRICAL CAPACITY, AUTOPRODUCERS – NUCLEAR

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in hydro power plants operated by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176051 ELECTRICAL CAPACITY, MAIN ACTIVITY PRODUCERS – HYDRO

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in hydro power plants operated by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176052 ELECTRICAL CAPACITY, AUTOPRODUCERS – HYDRO

This aggregate refers to the maximum active power that can be supplied, continuously, with all plant running, at the point of outlet in hydro power plants operated by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107100 Total net production

1176071 ELECTRICAL CAPACITY, MAIN ACTIVITY PRODUCERS – PUMPED HYDRO

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in pumped hydro power plants operated by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176072 ELECTRICAL CAPACITY, AUTOPRODUCERS – PUMPED HYDRO

This aggregate refers to the maximum active power that can be supplied, continuously, with all plant running, at the point of outlet in pumped hydro power plants operated by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176081 ELECTRICAL CAPACITY, MAIN ACTIVITY PRODUCERS – GEOTHERMAL

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in geothermal power plants operated by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176082 ELECTRICAL CAPACITY, AUTOPRODUCERS – GEOTHERMAL

This aggregate refers to the maximum active power that can be supplied, continuously, with all plant running, at the point of outlet in geothermal power plants operated by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176091 ELECTRICAL CAPACITY, MAIN ACTIVITY PRODUCERS – WIND

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in wind power plants operated by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176092 ELECTRICAL CAPACITY, AUTOPRODUCERS – WIND

This aggregate refers to the maximum active power that can be supplied, continuously, with all plant running, at the point of outlet in wind power plants operated by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176101 ELECTRICAL CAPACITY, MAIN ACTIVITY PRODUCERS – THER SOURCES

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in power plants using sources other than those listed (e.g. from fuel cells) operated by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176102 ELECTRICAL CAPACITY, AUTOPRODUCERS – OTHER SOURCES

This aggregate refers to the maximum active power that can be supplied, continuously, with all plant running, at the point of outlet in power plants using sources other than those listed (e.g. from fuel cells) operated by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176111 ELECTRICAL CAPACITY, MAIN ACTIVITY PRODUCERS – STEAM

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in steam turbine power plants operated by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176112 ELECTRICAL CAPACITY, AUTOPRODUCERS – STEAM

This aggregate refers to the maximum active power that can be supplied, continuously, with all plant running, at the point of outlet in steam turbine power plants operated by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176121 ELECTRICAL CAPACITY, MAIN ACTIVITY PRODUCERS – GAS TURBINE

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in gas turbine power plants operated by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176122 ELECTRICAL CAPACITY, AUTOPRODUCERS – GAS TURBINE

This aggregate refers to the maximum active power that can be supplied, continuously, with all plant running, at the point of outlet in gas turbine power plants operated by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176131 ELECTRICAL CAPACITY, MAIN ACTIVITY PRODUCERS – COMBINED CYCLE

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in combined cycle power plants operated by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176132 ELECTRICAL CAPACITY, AUTOPRODUCERS – COMBINED CYCLE

This aggregate refers to the maximum active power that can be supplied, continuously, with all plant running, at the point of outlet in combined cycle power plants operated by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176141 ELECTRICAL CAPACITY, MAIN ACTIVITY PRODUCERS – INTERNAL COMBUSTION

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in internal combustion engine power plants operated by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176142 ELECTRICAL CAPACITY, AUTOPRODUCERS – INTERNAL COMBUSTION

This aggregate refers to the maximum active power that can be supplied, continuously, with all plant running, at the point of outlet in internal combustion engine power plants operated by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176301 ELECTRICAL CAPACITY, MAIN ACTIVITY PRODUCERS – TIDE, WAVE AND OCEAN

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in tide, wave and ocean power plants operated by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

1176302 ELECTRICAL CAPACITY, AUTOPRODUCERS – TIDE, WAVE AND OCEAN

This aggregate refers to the maximum active power that can be supplied, continuously, with all plant running, at the point of outlet in tide, wave and ocean power plants operated by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**1176401 ELECTRICAL CAPACITY, MAIN ACTIVITY PRODUCERS –
OTHER TYPE OF GENERATION**

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in other types of power plants operated by main activity producers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

**1176402 ELECTRICAL CAPACITY, AUTOPRODUCERS – OTHER TYPE OF
GENERATION**

This aggregate refers to the maximum active power that can be supplied, continuously, with all plant running, at the point of outlet in other types of power plants operated by autoproducers.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

Related terms: 17_107100 Total net production

117615 NET MAXIMUM CAPACITY – HYDRO < 1 MW

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in less than 1 MW capacity hydro power plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107100 Total net production

117616 NET MAXIMUM CAPACITY – HYDRO >= 1 MW and <= 10 MW

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in 1 to 10 MW capacity hydro power plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107100 Total net production

117617 NET MAXIMUM CAPACITY – HYDRO 10 MW and over

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in more than 10 MW capacity hydro power plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107100 Total net production

1176233 NET MAXIMUM CAPACITY – SOLAR PHOTOVOLTAIC

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in photovoltaic installations.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107100 Total net production

1176243 NET MAXIMUM CAPACITY – SOLAR THERMAL ELECTRIC

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in solar thermal electric power plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107100 Total net production

1176253 NET MAXIMUM CAPACITY – MUNICIPAL WASTES

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in municipal waste power plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107100 Total net production

1176263 N ET MAXIMUM CAPACITY – WOOD/WOOD WASTES/OTHER SOLID WASTES

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in power plants using wood, wood wastes or other solid wastes as fuel.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107100 Total net production

1176273 NET MAXIMUM CAPACITY – BIOGASES

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in power plants using biogases.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107100 Total net production

1176283 NET MAXIMUM CAPACITY – INDUSTRIAL WASTES (NON-RENEWABLE)

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in power plants using industrial wastes.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107100 Total net production

1176303 NET MAXIMUM CAPACITY – TIDE, WAVE AND OCEAN

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in tide, wave and ocean power plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107100 Total net production

1176343 NET MAXIMUM CAPACITY – LIQUID BIOFUELS

This aggregate refers to the maximum active power that can be supplied, continuously, with all plants running, at the point of outlet in liquid biofuels power plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms: 17_107100 Total net production

119300 SOLAR COLLECTORS' SURFACE

This aggregate refers to the surface of all solar collectors; glazed and unglazed collectors, flat-plate and vacuum tube with a liquid or air as the energy carrier.

Source: Regulation (EC) No 1099/2008 on energy statistics and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

119400 BIOFUEL PRODUCTION CAPACITIES

This aggregate refers to the production capacity, at the end of the year, in terms of tonnes of products per year. It applies to the following products: Biogasoline (Code 5546), Biodiesels (Code 5547), Bio jet kerosene (Code 5549) and Other liquid biofuels (Code 5548).

Source: Regulation (EC) No 1099/2008 on energy statistics and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms:

- 5546 Biogasoline
- 5547 Biodiesels
- 5549 Bio jet kerosene
- 5548 Other liquid biofuels

ENCAP ENRICHMENT CAPACITY (TSWU)

The enrichment capacity refers to the annual separative work capacity of nuclear operational enrichment plants (isotopic separation of uranium) and is measured in tonnes of separative work units (tSWU).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

PRODCAPFF PRODUCTION CAPACITY OF FRESH FUEL ELEMENTS (THM)

The production capacity of fresh fuel elements refers to the annual production capacity of nuclear fuel fabrication plants and is measured in tonnes of heavy metal (tHM).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

PRODCMOXF PRODUCTION CAPACITY OF MOX FUEL FABRICATION PLANTS (THM)

This aggregate refers to the production capacity of finished fresh fuel elements in MOX (mixed oxide) fuel fabrication plants and is measured in tonnes of heavy metal (tHM). Rods or other partial products are not included.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

PRODCMOXF PRODUCTION OF FRESH FUEL ELEMENTS (THM)

The annual production of finished fresh fuel elements in nuclear fuel fabrication plants refers to the process in which the nuclear fuel is manufactured in order to be utilized in nuclear power reactors. It is measured in tonnes of heavy metal (tHM).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

PRODMOXF PRODUCTION OF MOX FUEL FABRICATION PLANTS (THM)

This aggregate refers to the production of finished fresh fuel elements in MOX (mixed oxide) fuel fabrication plants. Rods or other partial products are not included. It is measured in tonnes of heavy metal (tHM).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

PRODNH PRODUCTION OF NUCLEAR HEAT (KTOE)

The production of nuclear heat is the total amount of heat generated by nuclear reactors for the production of electricity or for other useful applications of heat. It is measured in thousands of tonnes of oil equivalent (ktoe).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

IRRADF ANNUAL AVERAGE BURNUP OF DEFINITELY DISCHARGED IRRADIATED ELEMENTS (GWD/THM)

This aggregate refers to the extent to which nuclear fuel is consumed in a reactor and is a measure of how much energy is extracted from a primary nuclear fuel source. It is measured as the actual energy released per mass of initial fuel in gigawatt-days per tonne of heavy metal (GWd/tHM).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

**PRODUPU PRODUCTION OF URANIUM AND PLUTONIUM IN
REPROCESSING PLANTS (THM)**

This aggregate refers to the annual production of uranium (U) and plutonium (Pu) in reprocessing plants, where the process of recovering fissile and fertile materials from used nuclear fuel takes place, in order to provide fresh fuel for existing and future nuclear power plants. It is measured in tonnes of heavy metal (tHM).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

**CAPUPU CAPACITY (URANIUM AND PLUTONIUM) OF
REPROCESSING PLANTS (THM)**

This aggregate refers to the annual production capacity of uranium (U) and plutonium (Pu) reprocessing plants, where the process of recovering fissile and fertile materials from used nuclear fuel takes place, in order to provide fresh fuel for existing and future nuclear power plants. It is measured in tonnes of heavy metal (tHM).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

TERMINOLOGY RELATED TO OIL STOCKS

Council Directive 2009/119/EC of 14 September 2009 imposing an obligation on Member States to maintain minimum stocks of crude oil and/or petroleum products

Hyperlink:

<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1415114499552&uri=CELEX:32009L0119>

10_Method METHOD FOR EMERGENCY STOCKS HELD BY THE MS

Other petroleum included in the stock count shall be calculated according to two methods:

whereas

1 Annex III, a

Inclusion of all other stocks of the petroleum products identified in the first paragraph of section 3.1. of the Annex C to Regulation (EC) No 1099/2008 and calculate the crude oil equivalent by multiplying the quantities by a factor of 1,065; or

2 Annex III, b

Inclusion of stocks of only following products: motor gasoline, aviation gasoline, gasoline-type jet fuel (naphtha-type jet fuel or JP4), kerosene-type fuel, other kerosene, gas/diesel oil (distillate fuel oil) and fuel oil (high sulphur content and low sulphur content) and calculate the crude oil equivalent by multiplying the quantities by a factor of 1,2.

10_OBMETHC - Method for calculation of obligation (calculated)

whereas

METHOD FOR CALCULATING THE CRUDE OIL EQUIVALENT OF IMPORTS OF PETROLEUM PRODUCTS

The crude oil equivalent of imports of petroleum products is obtained by calculating the sum of the net imports of crude oil, NGL, refinery feedstocks and other hydrocarbons as defined in Section 4 of Annex B to Regulation (EC) No 1099/2008, adjusting the result to take account of any stock changes, deducting 4 % for naphtha yield (or, if the average naphtha yield within the national territory is greater than 7 %, deducting the net actual consumption of naphtha or the average naphtha yield) and adding this to the net imports of all other petroleum products excluding naphtha, also adjusted to take account of stock changes and

multiplied by a factor of 1,065. International marine bunkers are not included in the calculation.

- 1 Annex I (4% default value for naphtha yield)
- 2 Annex I (Naphtha Actual Consumption)
- 3 Annex I (Actual Naphtha Yield)
- 4 Annex II Total Inland Consumption

METHOD FOR CALCULATING THE CRUDE OIL EQUIVALENT OF INLAND CONSUMPTION

The crude oil equivalent of inland consumption must be calculated using the following method: Inland consumption is the sum of the aggregate ‘observed gross inland deliveries’, as defined in Section 3.2.1 of Annex C to Regulation (EC) No 1099/2008, of the following products only: motor gasoline, aviation gasoline, gasoline-type jet fuel (naphtha-type jet fuel or JP4), kerosene-type jet fuel, other kerosene, gas/diesel oil (distillate fuel oil) and fuel oil (high sulphur content and low sulphur content) as defined in Section 4 of Annex B to Regulation (EC) No 1099/2008. International marine bunkers are not included in the calculation. The crude oil equivalent of inland consumption is calculated by multiplying by a factor of 1,2.

10_1281EU99C MINIMUM STOCK LEVEL FOR COMPLIANCE (CALCULATED)

Source: Council Directive 2009/119/EC of 14 September 2009 imposing an obligation on Member States to maintain minimum stocks of crude oil and/or petroleum products

Hyperlink:

<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1415114499552&uri=CELEX:32009L0119>

10_OBLIGATC DAILY NET IMPORTS OR INLAND CONSUMPTION FOR COMPLIANCE (CALCULATED)

Source: Council Directive 2009/119/EC of 14 September 2009 imposing an obligation on Member States to maintain minimum stocks of crude oil and/or petroleum products

Hyperlink:

<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1415114499552&uri=CELEX:32009L0119>

B_106101 **STOCKS – OPENING**

Stocks – opening, (at the beginning of period) cover the stocks held by producers, importers, transformers, and major consumers at the beginning of the period. In the case of monthly data it comprises only stocks of producers, importers and transformers.

Source: Eurostat

106102 **STOCKS – CLOSING**

Stocks – closing, (at the end of period) cover the stocks held by producers, importers, transformers and major consumers at the end of the period. In the case of monthly data it comprises only stocks of producers, importers and transformers.

Source: Eurostat

10_128101D **STOCK LEVELS/OPENING/ (a) ALL STOCKS ON NATIONAL TERRITORY**

Stocks on national territory (Category a): (Opening) is the sum of categories at the beginning of the period: Stocks held for other countries under official agreement (category b), Stocks with known foreign destination (category c), Stocks held in bonded areas and not included in b or c, Stocks held by major consumers, obligated by law (Category e), Stocks held on board incoming ocean vessels in port or at mooring (Category f), Stocks held by government on national territory (Category g), Stocks held by stock holding organisations on national territory (Category h) and all other stocks held on national territory (Category i). Include stocks held by all importers, refiners, stock holding organisations, governments, and major consumers, whose stocks are subject to government control

Related terms: 10_128201D Stock levels / Closing / (a) All stocks on national territory

10_128201D **STOCK LEVELS/CLOSING/(a) ALL STOCKS ON NATIONAL TERRITORY**

Stocks on national territory (Category a): (Closing) is the sum of categories at the end of the period: Stocks held for other countries under official agreement (category b), Stocks with known foreign destination (category c), Stocks held in bonded areas and not included in b or c, Stocks held by major consumers, obligated by law (Category e), Stocks held on board incoming ocean vessels in port or at mooring (Category f), Stocks held by government on national territory (Category g), Stocks held by stock holding organisations on national territory (Category h) and all other stocks held on national territory (Category i). Include

stocks held by all importers, refiners, stock holding organisations, governments, and major consumers, whose stocks are subject to government control

Related terms: 10_128101D Stock levels / Opening / (a) All stocks on national territory

10_128102 STOCK LEVELS/OPENING/(b) STOCKS HELD FOR OTHER COUNTRIES UNDER OFFICIAL AGREEMENT

Stocks held for other countries under official agreement (Category b): Include stocks at the beginning of the period in one country's national territory which belong to another country and to which the access is guaranteed by an agreement between the respective governments or, in case of EU Member States, by arrangements in line with Directive 2009/119/EC.

Bilateral agreements are not necessary for an EU Member State holding stocks in its national territory which belong to another EU Member State; the modalities for an EU Member State holding stocks on behalf of another Member State are stipulated in articles 7 and 8 of the Directive 2009/119/EC.

Related terms: 10_128202 Stock levels / Closing / (b) Stocks held for other countries under official agreement

10_128202 STOCK LEVELS/CLOSING/(b) STOCKS HELD FOR OTHER COUNTRIES UNDER OFFICIAL AGREEMENT

Stocks held for other countries under official agreement (Category b): Include stocks at the end of the period in one country's national territory which belongs to another country and to which the access is guaranteed by an agreement between the respective governments or, in case of EU Member States, by arrangements in line with Directive 2009/119/EC.

Bilateral agreements are not necessary for an EU Member State holding stocks in its national territory which belong to another EU Member State; the modalities for an EU Member State holding stocks on behalf of another Member State are stipulated in articles 7 and 8 of the Directive 2009/119/EC.

Related terms: Stock levels / Opening / (b) Stocks held for other countries under official agreement

10_128104 STOCK LEVELS/OPENING/(c) STOCKS WITH KNOWN FOREIGN DESTINATION

Stocks with known foreign destination (Category c): Include stocks at the beginning of the period (not included in category b) in one country's national territory which belong to and are destined for another country. These stocks may be located inside or outside bonded areas.

Related terms: 10_128204 Stock levels / Closing / (c) Stocks with known foreign destination

10_128204 STOCK LEVELS/CLOSING/(c) STOCKS WITH KNOWN FOREIGN DESTINATION

Stocks with known foreign destination (Category c): Include stocks at the end of the period (not included in category b) in one country's national territory which belong to and are destined for another country. These stocks may be located inside or outside bonded areas.

Related terms: 10_128104 Stock levels / Opening / (c) Stocks with known foreign destination

10_128108 STOCK LEVELS/OPENING/ (d) STOCKS HELD IN BONDED AREAS AND NOT INCLUDED IN (b) OR (c)

Stocks held in bonded areas and not included in b or c (Category d) at the beginning of the period:: Include stocks which are eligible under IEA commitments (irrespective of whether they have received customs clearance or not), not included in categories b or c.

Related terms: 10_128208 Stock levels / Closing / (d) Stocks held in bonded areas and not included in (b) or (c)

10_128208 STOCK LEVELS/CLOSING/ (d) STOCKS HELD IN BONDED AREAS AND NOT INCLUDED IN (b) OR (c)

Stocks held in bonded areas and not included in b or c (Category d) at the end of the period: Include stocks which are eligible under IEA commitments (irrespective of whether they have received customs clearance or not), not included in categories b or c.

Related terms: 10_128108 Stock levels / Opening / (d) Stocks held in bonded areas and not included in (b) or (c) and

10_128109 **STOCK LEVELS/OPENING/ (e) STOCKS HELD BY MAJOR CONSUMERS, OBLIGATED BY LAW**

Stocks held by major consumers, obligated by law (Category e) at the beginning of the period: Include stocks held by large consumers as required by law or otherwise controlled by the government. This definition does not include other consumer stocks.

Related terms: 10_128209 Stock levels / Closing / (e) Stocks held by major consumers, obligated by law

10_128209 **STOCK LEVELS/CLOSING/ (e) STOCKS HELD BY MAJOR CONSUMERS, OBLIGATED BY LAW**

Stocks held by major consumers, obligated by law (Category e) at the end of the period: Include stocks held by large consumers as required by law or otherwise controlled by the government. This definition does not include other consumer stocks.

Related terms: 10_128109 Stock levels / Opening / (e) Stocks held by major consumers, obligated by law

10_128110 **STOCK LEVELS/OPENING/ (f) STOCKS HELD ON BOARD INCOMING OCEAN VESSELS IN PORT OR AT MOORING**

Stocks held on board incoming ocean vessels in port or at mooring (Category f) at the beginning of the period: Include stocks irrespective of whether they have been cleared by customs or not. This category excludes stocks on board vessels at high seas. It includes oil in intercoastal tankers if both their port of departure and destination are in your country. In the case of incoming vessels with more than one port of unloading, only report the amount to be unloaded in the own country.

Related terms: 10_128210 Stock levels / Closing / (f) Stocks held on board incoming ocean vessels in port or at mooring

10_128210 **STOCK LEVELS/CLOSING/ (f) STOCKS HELD ON BOARD INCOMING OCEAN VESSELS IN PORT OR AT MOORING**

Stocks held on board incoming ocean vessels in port or at mooring (Category f) at the end of the period: Include stocks irrespective of whether they have been cleared by customs or not.

This category excludes stocks on board vessels at high seas. It includes oil in intercoastal tankers if both their port of departure and destination are in your country. In the case of incoming vessels with more than one port of unloading, only report the amount to be unloaded in the own country.

Related terms: 10_128110 Stock levels / Opening / (f) Stocks held on board incoming ocean vessels in port or at mooring

10_128111 STOCK LEVELS/OPENING/ (g) STOCKS HELD BY GOVERNMENT ON NATIONAL TERRITORY

Stocks held by government on national territory (Category g) at the beginning of the period: Include non-military stocks held within the national territory by government, which are government owned or controlled and held exclusively for emergency purposes. It does not include stocks held by central stockholding entities (CSEs), state oil companies or electric utilities; neither does it include stocks held directly by industry to fulfil mandatory stock obligations. Government stocks held outside of national territory, in other countries, should not be included here but reported instead under categories j and o (see below).

Related terms: 10_128211 Stock levels / Closing / (g) Stocks held by government on national territory

10_128211 STOCK LEVELS/CLOSING/ (g) STOCKS HELD BY GOVERNMENT ON NATIONAL TERRITORY

Stocks held by government on national territory (Category g) at the end of the period: Include non-military stocks held within the national territory by government, which are government owned or controlled and held exclusively for emergency purposes. It does not include stocks held by central stockholding entities (CSEs), state oil companies or electric utilities; neither does it include stocks held directly by industry to fulfil mandatory stock obligations. Government stocks held outside of national territory, in other countries, should not be included here but reported instead under categories j and o (see below).

Related terms: 10_128111 Stock levels / Opening / (g) Stocks held by government on national territory

10_128112 **STOCK LEVELS/OPENING/ (h) STOCKS HELD BY STOCK HOLDING ORGANISATION ON NATIONAL TERRITORY**

Stocks held by stock holding organisations on national territory (Category h) at the beginning of the period: Include stocks held by both public and private corporations established to maintain stocks exclusively for emergency purposes, including central stockholding entities (CSEs) defined by Directive 2009/119/EC. It does not include mandatory stocks held by private companies.

Related terms: 10_128212 Stock levels / Closing / (h) Stocks held by stock holding organisation on national territory

10_128212 **STOCK LEVELS/CLOSING/ (h) STOCKS HELD BY STOCK HOLDING ORGANISATION ON NATIONAL TERRITORY**

Stocks held by stock holding organisations on national territory (Category h) at the end of the period: Include stocks held by both public and private corporations established to maintain stocks exclusively for emergency purposes, including central stockholding entities (CSEs) defined by Directive 2009/119/EC. It does not include mandatory stocks held by private companies.

Related terms: 10_128112 Stock levels / Opening / (h) Stocks held by stock holding organisation on national territory

10_128113 **STOCK LEVELS/OPENING/(i) ALL OTHER STOCKS ON NATIONAL TERRITORY**

All other stocks held on national territory (Category i): Include all other stocks satisfying the conditions described in category a above at the beginning of the period.

Related terms: 10_128213 Stock levels / Closing / (i) All other stocks held on national territory

10_128213 **STOCK LEVELS/CLOSING/(i) ALL OTHER STOCKS ON NATIONAL TERRITORY**

All other stocks held on national territory (Category i): Include all other stocks satisfying the conditions described in category above at end beginning of the period.

Related terms: 10_128113 Stock levels / Opening / (i) All other stocks held on national territory

10_128105 STOCK LEVELS/OPENING/(j) STOCKS HELD ABROAD UNDER OFFICIAL AGREEMENT (o+p+q)

Stocks held abroad under official agreement at the beginning of the period: (Category j): Include stocks belonging to your country but held in another country, to which access is guaranteed by an agreement between the respective governments or, in case of EU Member States, other arrangements in line with Directive 2009/119/EC. This category is comprised of stocks abroad owned by one country's government, stocks abroad held by stock holding organisations, and all other types of stocks belonging to your country but held in another country under bilateral government agreements or, in case of EU Member States, other arrangements in line with Directive 2009/119/EC. Please provide the breakdown of these stocks by type under categories o, p and q (see below).

It is noted that bilateral agreements are not necessary for an EU Member State holding stocks in another EU Member State and the modalities are stipulated in articles 7 and 8 of the Directive 2009/119/EC. In the EU, emergency stocks may be held abroad pursuant to a delegation of the government, the Central Stockholding Entity or obligated

Related terms: 10_128205 Stock levels / Closing / (j) Stocks held abroad under official agreement (o+p+q)

10_128117 - Government stocks held abroad under official agreement (Category o) at the beginning of the period:

10_128217 _ - Government stocks held abroad under official agreement (Category o): at the end of the period

10_128118 - Holding organisation's stocks held abroad under official agreement (Category p) at the beginning of the period:

10_128218 - Holding organisation's stocks held abroad under official agreement (Category p) at the end of the period:

10_128119 - Other stocks held abroad under official agreement (Category q) at the beginning of the period:

10_128219 - Other stocks held abroad under official agreement (Category q)

10_128205 STOCK LEVELS/CLOSING/(j) STOCKS HELD ABROAD UNDER OFFICIAL AGREEMENT (o+p+q)

Stocks held abroad under official agreement at the end of the period: (Category j): Include stocks belonging to your country but held in another country, to which access is guaranteed by an agreement between the respective governments or, in case of EU Member States, other

arrangements in line with Directive 2009/119/EC. This category is comprised of stocks abroad owned by one country's government, stocks abroad held by stock holding organisations, and all other types of stocks belonging to your country but held in another country under bilateral government agreements or, in case of EU Member States, other arrangements in line with Directive 2009/119/EC. Please provide the breakdown of these stocks by type under categories o, p and q (see below).

It is noted that bilateral agreements are not necessary for an EU Member State holding stocks in another EU Member State and the modalities are stipulated in articles 7 and 8 of the Directive 2009/119/EC. In the EU, emergency stocks may be held abroad pursuant to a delegation of the government, the Central Stockholding Entity or obligated

Related terms: 10_128105 Stock levels / Opening / (j) Stocks held abroad under official agreement (o+p+q)

10_128117 - Government stocks held abroad under official agreement (Category o) at the beginning of the period:

10_128217 _ - Government stocks held abroad under official agreement (Category o): at the end of the period

10_128118 - Holding organisation's stocks held abroad under official agreement (Category p) at the beginning of the period:

10_128218 - Holding organisation's stocks held abroad under official agreement (Category p) at the end of the period:

10_128119 - Other stocks held abroad under official agreement (Category q) at the beginning of the period:

10_128219 - Other stocks held abroad under official agreement (Category q)

10_128107 STOCK LEVELS/OPENING/(k) STOCKS HELD DESIGNATED DEFINITELY FOR IMPORT INTO YOUR COUNTRY

Stocks held abroad designated definitely for import into one country (Category k) at the beginning of the period: Include stocks (not included in category j) belonging to your country, which are held in another country and which are awaiting import into your country.

Related terms: 10_128207 Stock levels / Closing / (k) Stocks held abroad designated definitely for import into your country

10_128207 **STOCK LEVELS/CLOSING/(k) STOCKS HELD DESIGNATED DEFINITELY FOR IMPORT INTO YOUR COUNTRY**

Stocks held abroad designated definitely for import into one country (Category k) at the end of the period.: Include stocks (not included in category j) belonging to your country, which are held in another country and which are awaiting import into your country.

Related terms: 10_128107 Stock levels / Opening / (k) Stocks held abroad designated definitely for import into your country

10_128114D **STOCK LEVELS/OPENING/(l) TOTAL STOCKS**

Total Stocks (Category l): Include all stocks belonging to one country at the beginning of the period whether on national territory or in the territory of another country. This should be equal to the following from the above categories: a-b-c+j+k.

Related terms: 10_128214D Stock levels / Closing / (l) Total stocks (a-b-c+j+k)

 10_128102 Stock levels / Opening / (b) Stocks held for other countries under official agreement

 10_128202 Stock levels / Closing / (b) Stocks held for other countries under official agreement

 10_128104 Stock levels / Opening / (c) Stocks with known foreign destination

 10_128204 Stock levels / Closing / (c) Stocks with known foreign destination

 10_128105 Stock levels / Opening / (j) Stocks held abroad under official agreement (o+p+q)

 10_128205 Stock levels / Closing / (j) Stocks held abroad under official agreement (o+p+q)

 10_128107 Stock levels / Opening / (k) Stocks held abroad designated definitely for import into your country

 10_128207 Stock levels / Closing / (k) Stocks held abroad designated definitely for import into your country

10_128214D **STOCK LEVELS/CLOSING/(l) TOTAL STOCKS**

Total Stocks (Category l): Include all stocks belonging to one country at the end of the period whether on national territory or in the territory of another country. This should be equal to the following from the above categories: a-b-c+j+k.

- Related terms:** 10_128101D Stock levels / Opening / (a) All stocks on national territory (b+c+d+e+f+g+h+i)
- 10_128102 Stock levels / Opening / (b) Stocks held for other countries under official agreement
- 10_128202 Stock levels / Closing / (b) Stocks held for other countries under official agreement
- 10_128104 Stock levels / Opening / (c) Stocks with known foreign destination
- 10_128204 Stock levels / Closing / (c) Stocks with known foreign destination
- 10_128105 Stock levels / Opening / (j) Stocks held abroad under official agreement (o+p+q)
- 10_128205 Stock levels / Closing / (j) Stocks held abroad under official agreement (o+p+q)
- 10_128107 Stock levels / Opening / (k) Stocks held abroad designated definitely for import into your country
- 10_128207 Stock levels / Closing / (k) Stocks held abroad designated definitely for import into your country

10_128115 OTHER STOCKS IN BONDED AREAS (Category m)

Other stocks in bonded areas (Category m): Include other stocks at the beginning of the period in the national territory not eligible under IEA commitments and which are not included in the above categories.

Related terms: 10_128215 - Other stocks in bonded areas (Category m):

10_128215 OTHER STOCKS IN BONDED AREAS (Category m):

Other stocks in bonded areas (Category m): Include other stocks at the end of the period in the national territory not eligible under IEA commitments and which are not included in the above categories.

Related terms: 10_128115 - Other stocks in bonded areas (Category m):

10_128116 PIPELINE FILL (Category n)

Pipeline Fill (Category n): Include oil (crude oil and oil products) contained in pipelines, necessary to maintain the flow in the pipelines at the beginning of the period.

Related terms: 10_128216 - Pipeline Fill (Category n)

10_128216 PIPELINE FILL (Category n)

Pipeline Fill (Category n): Include oil (crude oil and oil products) contained in pipelines, necessary to maintain the flow in the pipelines at the end of the period.

Related terms: 10_128116 - Pipeline Fill (Category n)

10_128117 GOVERNMENT STOCKS HELD ABROAD UNDER OFFICIAL AGREEMENT (category o) AT THE BEGINNING OF THE PERIOD

This is the portion of category j stocks, which are government stocks. Government's stocks held in another country are reported, to which access is guaranteed by an agreement between the respective governments or, in case of EU Member States, other arrangements in line with Directive 2009/119/EC.

Related terms: 10_128217 _ - Government stocks held abroad under official agreement (Category o)

10_128217 GOVERNMENT STOCKS HELD ABROAD UNDER OFFICIAL AGREEMENT (category o) AT THE END OF THE PERIOD

This is the portion of category j stocks above, which are government stocks. Government's stocks held in another country are reported, to which access is guaranteed by an agreement between the respective governments or, in case of EU Member States, other arrangements in line with Directive 2009/119/EC.

Related terms: 10_128117 - Government stocks held abroad under official agreement (Category o) at the beginning of the period

10_128118 HOLDING ORGANISATION'S STOCKS HELD ABROAD UNDER OFFICIAL AGREEMENT (Category p) AT THE BEGINNING OF THE PERIOD

This is the portion of category j stocks, which are held by stock holding organisations. Include stocks held by both public and private corporations established to maintain stocks

exclusively for emergency purposes, including central stockholding entities (CSEs) defined by Directive 2009/119/EC; these are stocks belonging to your country but held in another country, to which access is guaranteed by an agreement between the respective governments or, in case of EU Member States, other arrangements in line with Directive 2009/119/EC.

Related terms: 10_128218 - Holding organisation's stocks held abroad under official agreement (Category p)

10_128218 HOLDING ORGANISATION'S STOCKS HELD ABROAD UNDER OFFICIAL AGREEMENT (Category p) AT THE END OF THE PERIOD

This is the portion of category j stocks, which are held by stock holding organisations. Include stocks held by both public and private corporations established to maintain stocks exclusively for emergency purposes, including central stockholding entities (CSEs) defined by Directive 2009/119/EC; these are stocks belonging to your country but held in another country, to which access is guaranteed by an agreement between the respective governments or, in case of EU Member States, other arrangements in line with Directive 2009/119/EC.

Related terms: 10_128118 - Holding organisation's stocks held abroad under official agreement (Category p)

10_128119 OTHER STOCKS HELD ABROAD UNDER OFFICIAL AGREEMENT (Category q) AT THE BEGINNING OF THE PERIOD

This is the portion of category j stocks above, which are not already included in categories o and p. Include all other stocks belonging to your country, but held in another country, to which access is guaranteed by an agreement between the respective governments or, in case of EU Member States, other arrangements in line with Directive 2009/119/EC.

Related terms: 10_128219 - Other stocks held abroad under official agreement (Category q)

10_128219 OTHER STOCKS HELD ABROAD UNDER OFFICIAL AGREEMENT (Category q) AT THE END OF THE PERIOD

This is the portion of category j stocks above, which are not already included in categories o and p. Include all other stocks belonging to your country, but held in another country, to which access is guaranteed by an agreement between the respective governments or, in case of EU Member States, other arrangements in line with Directive 2009/119/EC.

Related terms: 10_128119 - Other stocks held abroad under official agreement (Category q) at the beginning of the period

10_1281EU01D STOCK LEVELS/OPENING/(EU-a) EMERGENCY STOCKS (TOTAL) ON NATIONAL TERRITORY

The total of emergency stocks which meet all the relevant requirements of Directive 2009/119/EC. In particular, only stocks that are available and physically accessible at all times will be included (article 5, paragraph 1 of the Directive). Oil stocks that are subject to a seizure order or owned by companies that are bankrupt or entered in arrangement with creditors (article 12, paragraph 3 of the Directive) will not be included.

Related terms: 10_1282EU01D Stock levels / Closing / (EU-a) Emergency stocks (Total) on national territory

10_1282EU01D STOCK LEVELS/CLOSING/(EU-a) EMERGENCY STOCKS (TOTAL) ON NATIONAL TERRITORY

The total of emergency stocks which meet all the relevant requirements of Directive 2009/119/EC. In particular, only stocks that are available and physically accessible at all times will be included (article 5, paragraph 1 of the Directive). Oil stocks that are subject to a seizure order or owned by companies that are bankrupt or entered in arrangement with creditors (article 12, paragraph 3 of the Directive) will not be included.

Related terms: 10_1281EU01D Stock levels / Opening / (EU-a) Emergency stocks (Total) on national territory

10_1281EU02 STOCKS/OPENING/(EU-b) SWTOCKS HELD FOR OTHER EU MEMBER STATES UNDER OFFICIAL AGREEMENT

EU-b. Stocks held for other EU Member States under official agreement (Category EU-b) at the beginning of the period: Include stocks in one country's national territory which are held for another EU Member State and to which access is guaranteed in accordance with the provisions of Directive 2009/119/EC. In the EU, emergency stocks may be held for another EU Member State pursuant to a delegation request of the Government, the Central Stockholding Entity or the obligated Economic Operators of the other Member State. The necessary modalities for holding stocks within the EU are stipulated in articles 7 and 8 of the Directive 2009/119/EC.

Related terms: 10_1282EU02 Stock levels / Closing / (EU-b) Stocks held for other EU Member States under official agreement

10_1282EU02 STOCK LEVELS/CLOSING/(EU-b) STOCKS HELD FOR OTHER EU MEMBER STATES UNDER OFFICIAL AGREEMENT

EU-b. Stocks held for other EU Member States under official agreement (Category EU-b) at the end of the period: Include stocks in your national territory which are held for another EU Member State and to which access is guaranteed in accordance with the provisions of Directive 2009/119/EC. In the EU, emergency stocks may be held for another EU Member State pursuant to a delegation request of the Government, the Central Stockholding Entity or the obligated Economic Operators of the other Member State. The necessary modalities for holding stocks within the EU are stipulated in articles 7 and 8 of the Directive 2009/119/EC.

Related terms: 10_1281EU02 Stock levels / Opening / (EU-b) Stocks held for other EU Member States under official agreement

10_1281EU04 STOCK LEVELS/OPENING/(EU-c) STOCKS WITH KNOWN FOREIGN EU DESTINATION

EU-c. Stocks with known foreign EU destination (Category EU-c) at the beginning of the period: Include stocks (not included in category EU-b) in your national territory which belong to and are destined for another EU Member State. These stocks may be located inside or outside bonded areas.

Related terms: 10_1282EU04 Stock levels / Closing / (EU-c) Stocks with known foreign EU destination

10_1282EU04 STOCK LEVELS/CLOSING/(EU-c) STOCKS WITH KNOWN FOREIGN EU DESTINATION

EU-c. Stocks with known foreign EU destination (Category EU-c) at the end of the period: Include stocks (not included in category EU-b) in your national territory which belong to and are destined for another EU Member State. These stocks may be located inside or outside bonded areas.

Related terms: 10_1281EU04 Stock levels / Opening / (EU-c) Stocks with known foreign EU destination

10_1281EU11 STOCK LEVELS/OPENING/(EU-g) STOCKS HELD BY GOVERNMENT ON NATIONAL TERRITORY

EU-g. Stocks held by government on national territory (Category EU-g) at the beginning of the period: Include non-military stocks held within the national territory by government, which are government owned or controlled and held exclusively for emergency purposes. It

does not include stocks held by Central Stockholding Entities (CSEs), state oil companies or electric utilities, neither does it include stocks held directly by industry to fulfil mandatory stock obligations. Government stocks held outside of national territory, in other countries, should not be included here.. Stocks held by the government on behalf of other countries should not be included. In principle, these stocks are identical to those reported in category g. Any difference is due to government held stocks that at the time of the survey were physically located in bonded areas or on board incoming ocean vessels in port or at mooring.

Related terms: 10_1281EU11 Stock levels / Opening / (EU-g) Stocks held by government on national territory

10_1282EU11 STOCK LEVELS/CLOSING/(EU-g) STOCKS HELD BY GOVERNMENT ON NATIONAL TERRITORY

EU-g. Stocks held by government on national territory (Category EU-g) at the end of the period: Include non-military stocks held within the national territory by government, which are government owned or controlled and held exclusively for emergency purposes. It does not include stocks held by Central Stockholding Entities (CSEs), state oil companies or electric utilities, neither does it include stocks held directly by industry to fulfil mandatory stock obligations. Government stocks held outside of national territory, in other countries, should not be included here. Stocks held by the government on behalf of other countries should not be included here but reported instead in the category EU-b.

In principle, these stocks are identical to those reported in category g in Table 5. Any difference is due to government held stocks that at the time of the survey were physically located in bonded areas or on board incoming ocean vessels in port or at mooring.

Related terms: 10_1281EU11 Stock levels / Opening / (EU-g) Stocks held by government on national territory

10_1281EU12 STOCK LEVELS/OPENING/(EU-h) STOCKS HELD BY THE CENTRAL STOCKHOLDING ENTITY (CSE) ON NATIONAL TERRITORY

EU-h. Stocks held by the Central Stockholding Entity (CSE) on national territory (Category EU-h) at the beginning of the period: Include stocks held by the central stockholding entity (CSE) as defined by the Directive 2009/119/EC. It does not include mandatory stocks held by private companies. CSE stocks held outside the national territory, in other countries, should not be included here. Stocks held by the CSE on behalf of other countries should not be included here but reported instead in the category EU-b.

In principle, these stocks are identical to those reported in category h. Any difference is due to CSE held stocks that at the time of the survey were physically located in bonded areas or on board incoming ocean vessels in port or at mooring⁵. A difference could also occur in the case of a stockholding organisation which does not qualify as a CSE.

Related terms: 10_1282EU12 Stock levels / Closing / (EU-h) Stocks held by the Central Stockholding Entity (CSE) on national territory

10_1282EU12 STOCK LEVELS/CLOSING/(EU-h) STOCKS HELD BY THE CENTRAL STOCKHOLDING ENTITY (CSE) ON NATIONAL TERRITORY

EU-h. Stocks held by the Central Stockholding Entity (CSE) on national territory (Category EU-h) at the end of the period: Include stocks held by the central stockholding entity (CSE) as defined by the Directive 2009/119/EC. It does not include mandatory stocks held by private companies. CSE stocks held outside the national territory, in other countries, should not be included here. Stocks held by the CSE on behalf of other countries should not be included here but reported instead in the category EU-b.

In principle, these stocks are identical to those reported in category h. Any difference is due to CSE held stocks that at the time of the survey were physically located in bonded areas or on board incoming ocean vessels in port or at mooring. A difference could also occur in the case of a stockholding organisation which does not qualify as a CSE.

Related terms: 10_1281EU12 Stock levels / Opening / (EU-h) Stocks held by the Central Stockholding Entity (CSE) on national territory

10_1281EU09 STOCK LEVELS/OPENING/(EU-ie) STOCKS HELD BY ECONOMIC OPERATORS ON NATIONAL TERRITORY

EU-ie. Stocks held by Economic Operators on national territory (Category EU-ie) at the beginning of the period: Include stocks held on national territory by the obligated Economic Operators (Economic Operators on which the Member State has imposed a stockholding obligation) and the delegated Economic Operators (Economic Operators holding stocks as a result of a delegation granted by the government or CSE of your country as well as by other domestic obligated economic operators - articles 7 and 8 of the 2009/119/EC Directive). Only emergency stocks held by the Economic Operators on national territory as required by the Member State under Directive 2009/119/EC will be reported here. Also, stocks held by a stockholding organisation which does not qualify as a CSE should be reported here. Stocks held by the Economic Operators abroad will be reported in category EU-j and in Table 8 and Table 9 while stocks maintained by the Economic Operators on behalf of other countries should be reported in the category EU-b

The stocks held by the Economic Operators correspond to the Categories i & e stocks in Table 5. A difference may arise because the obligated and delegated Economic Operators - under Directive 2009/119/EC – may represent a different set of operators as compared to the one of the IEA reporting system, as well as because these Economic Operators will report here only the emergency stocks held under the national stockholding obligation under Directive 2009/119/EC [commercial stocks are excluded]. Additional differences may arise due to Economic Operators' stocks that at the time of the survey were physically located in bonded areas or on board incoming ocean vessels in port or at mooring.

Related terms: 10_1282EU09 Stock levels / Closing / (EU-ie) Stocks held by Economic Operators on national territory

10_1282EU09 STOCK LEVELS/CLOSING/(EU-ie) STOCKS HELD BY ECONOMIC OPERATORS ON NATIONAL TERRITORY

EU-ie. Stocks held by Economic Operators on national territory (Category EU-ie) at the end of the period: Include stocks held on national territory by the obligated Economic Operators (Economic Operators on which the Member State has imposed a stockholding obligation) and the delegated Economic Operators (Economic Operators holding stocks as a result of a delegation granted by the government or CSE of your country as well as by other domestic obligated economic operators - articles 7 and 8 of the 2009/119/EC Directive). Only emergency stocks held by the Economic Operators on national territory as required by the Member State under Directive 2009/119/EC will be reported here. Also, stocks held by a stockholding organisation which does not qualify as a CSE should be reported here. Stocks held by the Economic Operators abroad will be reported in category EU-j while stocks maintained by the Economic Operators on behalf of other countries should be reported in the category EU-b

The stocks held by the Economic Operators correspond to the Categories i & e stocks. A difference may arise because the obligated and delegated Economic Operators - under Directive 2009/119/EC – may represent a different set of operators as compared to the one of the IEA reporting system, as well as because these Economic Operators will report here only the emergency stocks held under the national stockholding obligation under Directive 2009/119/EC [commercial stocks are excluded]. Additional differences may arise due to Economic Operators' stocks that at the time of the survey were physically located in bonded areas or on board incoming ocean vessels in port or at mooring.

Related terms: 10_1281EU09 Stock levels / Opening / (EU-ie) Stocks held by Economic Operators on national territory

10_1281EU05 STOCK LEVELS/OPENING/(EU-j) STOCKS HELD ABROAD IN OTHER EU MEMBER STATE UNDER OFFICIAL AGREEMENT

EU-j. Stocks held abroad in other EU Member States under official agreement (Category EU-j) at the beginning of the period: Include stocks that belong to your country but are held in another EU country to which access is guaranteed in accordance with the provisions of Directive 2009/119/EC.

In the EU, emergency stocks may be held abroad, in other EU Member States pursuant to a delegation of the Government, the Central Stockholding Entity or the obligated Economic Operators. The necessary modalities for holding stocks within the EU are stipulated in articles 7 and 8 of the Directive 2009/119/EC..

Related terms: 10_1282EU05 Stock levels / Closing / (EU-j) Stocks held abroad in other EU Member States under official agreement

10_1282EU05 STOCK LEVELS/CLOSING/(EU-j) STOCKS HELD ABROAD IN OTHER EU MEMBER STATE UNDER OFFICIAL AGREEMENT

EU-j. Stocks held abroad in other EU Member States under official agreement (Category EU-j) at the end of the period: Include stocks that belong to your country but are held in another EU country to which access is guaranteed in accordance with the provisions of Directive 2009/119/EC.

In the EU, emergency stocks may be held abroad, in other EU Member States pursuant to a delegation of the Government, the Central Stockholding Entity or the obligated Economic Operators. The necessary modalities for holding stocks within the EU are stipulated in articles 7 and 8 of the Directive 2009/119/EC.

Related terms: 10_1281EU05 Stock levels / Opening / (EU-j) Stocks held abroad in other EU Member States under official agreement

10_1281EU07 STOCK LEVELS/OPENING/(EU-k) STOCKS HELD ABROAD IN EU, DESIGNATED DEFINITELY FOR IMPORT INTO YOUR COUNTRY

EU-k. Stocks at the beginning of the period held abroad in EU designated definitely for import into your country (Category EU-k): Include stocks (not included in category EU-j) belonging to your country, which are held in another EU country and which are awaiting import into your country.

Related terms: 10_1282EU07 Stock levels / Closing / (EU-k) Stocks held abroad in EU, designated definitely for import into your country

**10_1282EU07 STOCK LEVELS/CLOSING/(EU-k) STOCKS HELD ABROAD
IN EU, DESIGNATED DEFINITELY FOR IMPORT INTO
YOUR COUNTRY**

EU-k. Stocks at the end of the period held abroad in EU designated definitely for import into your country (Category EU-k): Include stocks (not included in category EU-j) belonging to your country, which are held in another EU country and which are awaiting import into your country.

Related terms: 10_1281EU07 Stock levels / Opening / (EU-k) Stocks held abroad in EU, designated definitely for import into your country

**10_1281EU14D STOCK LEVELS/OPENING/(EU-l) EMERGENCY STOCKS
HELD IN ACCORDANCE WITH THE DIRECTIVE
2009/119/EC**

EU-l. Emergency Stocks held in accordance with the Directive 2009/119/EC (Category EU-l): These are the emergency stocks maintained by the Member State in accordance with the Directive 2009/119/EC, held by the Government, the CSE and the obligated / delegated economic operators either on the national territory or in other EU Member States. This quantity is calculated as the Sum of the stocks reported under EU-g, EU-h, EU-ie, EU-j and EU-k.

Related terms: 10_1282EU14D Stock levels / Closing / (EU-l) Emergency Stocks held in accordance with the Directive 2009/119/EC

**10_1282EU14D STOCK LEVELS/CLOSING/(EU-l) EMERGENCY STOCKS
HELD IN ACCORDANCE WITH THE DIRECTIVE
2009/119/EC**

EU-l. Emergency Stocks held in accordance with the Directive 2009/119/EC (Category EU-l): These are the emergency stocks maintained by the Member State in accordance with the Directive 2009/119/EC, held by the Government, the CSE and the obligated / delegated economic operators either on the national territory or in other EU Member States. This quantity is calculated as the Sum of the stocks reported under EU-g, EU-h, EU-ie, EU-j and EU-k.

Related terms: 10_1281EU14D Stock levels / Opening / (EU-l) Emergency Stocks held in accordance with the Directive 2009/119/EC

10_1281EU21 STOCK LEVELS/OPENING/(EU) COMMERCIAL STOCKS HELD BY ECONOMIC OPERATORS ON NATIONAL TERRITORY UNDER DIRECTIVE 2009/119/EC

Commercial stocks" means those oil stocks held by economic operators which are not a requirement under Directive 2009/119/EC [see Article 2 (k) and Article 14 (1) thereof]. Commercial stocks may be calculated as

Categories (d + e + f + g + h + i) minus Categories { (EU-g) + (EU-h) + (EU-ie) }

Related terms: 10_1282EU21 Stock levels / Closing / (EU) Commercial stocks held by Economic Operators on national territory under Directive 2009/119/EC

10_128108 Stock levels / Opening / (d) Stocks held in bonded areas and not included in (b) or (c)

10_128208 Stock levels / Closing / (d) Stocks held in bonded areas and not included in (b) or ©

10_128109 Stock levels / Opening / (e) Stocks held by major consumers, obligated by law

10_128209 Stock levels / Closing / (e) Stocks held by major consumers, obligated by law

10_128110 Stock levels / Opening / (f) Stocks held on board incoming ocean vessels in port or at mooring

10_128210 Stock levels / Closing / (f) Stocks held on board incoming ocean vessels in port or at mooring

10_128111 Stock levels / Opening / (g) Stocks held by government on national territory

10_128211 Stock levels / Closing / (g) Stocks held by government on national territory

10_128112 Stock levels / Opening / (h) Stocks held by stock holding organisation on national territory

10_128212 Stock levels / Closing / (h) Stocks held by stock holding organisation on national territory

10_128113 Stock levels / Opening / (i) All other stocks held on national territory

10_128213 Stock levels / Closing / (i) All other stocks held on national territory

10_1282EU21 STOCK LEVELS/CLOSING/(EU) COMMERCIAL STOCKS HELD BY ECONOMIC OPERATORS ON NATIONAL TERRITORY UNDER DIRECTIVE 2009/119/EC

Commercial stocks" means those oil stocks held by economic operators which are not a requirement under Directive 2009/119/EC [see Article 2 (k) and Article 14 (1) thereof]. Commercial stocks may be calculated as

Categories (d + e + f + g + h + i) minus Categories { (EU-g) + (EU-h) + (EU-ie) }

Related terms:	10_1281EU21	Stock levels / Opening / (EU) Commercial stocks held by Economic Operators on national territory under Directive 2009/119/EC
	10_128108	Stock levels / Opening / (d) Stocks held in bonded areas and not included in (b) or (c)
	10_128208	Stock levels / Closing / (d) Stocks held in bonded areas and not included in (b) or ©
	10_128109	Stock levels / Opening / (e) Stocks held by major consumers, obligated by law
	10_128209	Stock levels / Closing / (e) Stocks held by major consumers, obligated by law
	10_128110	Stock levels / Opening / (f) Stocks held on board incoming ocean vessels in port or at mooring
	10_128210	Stock levels / Closing / (f) Stocks held on board incoming ocean vessels in port or at mooring
	10_128111	Stock levels / Opening / (g) Stocks held by government on national territory
	10_128211	Stock levels / Closing / (g) Stocks held by government on national territory
	10_128112	Stock levels / Opening / (h) Stocks held by stock holding organisation on national territory
	10_128212	Stock levels / Closing / (h) Stocks held by stock holding organisation on national territory
	10_128113	Stock levels / Opening / (i) All other stocks held on national territory
	10_128213	Stock levels / Closing / (i) All other stocks held on national territory

Chapter 2: PRODUCTS

0000 ALL PRODUCTS

The code 'All products' covers all energy products. These consist of solid fuels (such as hard coal and derivatives, lignite and derivatives, peat and derivatives), total petroleum products (such as Liquefied petroleum gas, refinery gas, motor spirit, kerosene, gas/diesel oil, residual fuel oil), gas (such as natural gas, and manufactured gases), derived heat, renewable energies (such as hydro power, thermal solar and photovoltaic power, wind energy, solid and liquid biofuels, renewable wastes, geothermal energy, tide, wave and ocean), electrical energy, nuclear heat and waste (non-renewable).

Source: Eurostat product classification

Related terms:

- 2000 Solid fuels
- 3000 Total petroleum products
- 4000 Gas
- 5100 Nuclear heat
- 5200 Derived heat
- 5500 Renewable energies
- 6000 Electrical energy
- 7200 Waste (non-renewable)

2000 SOLID FUELS

Solid fuels cover hard coal and derivatives (patent fuels, anthracite, coking coal, other bituminous coal, sub-bituminous coal, coke oven coke, gas coke, coal tar), lignite and derivatives (lignite/brown coal, BKB (brown coal briquettes), peat, peat products) and oil shale and oil sands. Solid fuels (Code 2000) = hard coal & derivatives (Code 2100) + lignite and derivatives (Code 2200) + Oil shale and oil sands (Code 2410).

Source: Eurostat product classification

Related terms:

- 2100 Hard coal and derivatives
- 2200 Lignite and derivatives
- 2410 Oil shale and oil sands

2100 HARD COAL & DERIVATIVES

Hard coal and derivatives cover hard coal (anthracite, coking coal, other bituminous coal, sub-bituminous coal), patent fuels, coke (coke oven coke, gas coke) and coal tar. Hard coal and derivatives (Code 2100) is the sum of the codes hard coal (Code 2111), patent fuels (Code 2112), coke (Code 2120) and coal tar (Code 2130).

Source: Eurostat product classification

Related terms:

- 2111 Hard coal

2112 Patent fuels
2120 Coke
2130 Coal tar

2111 HARD COAL

Hard coal refers to coal of gross calorific value equal to or greater than 24 000 kJ/kg on an ash-free but moist basis and with a mean random reflectance of vitrinite of at least 0.6 percent. Hard coal comprises:

2115 ANTHRACITE

High rank coal used for industrial and residential applications. It has generally less than 10% volatile matter and a high carbon content (about 90% fixed carbon). Its gross calorific value is equal to or greater than 24 000 kJ/kg on an ash-free but moist basis.

2116 COKING COAL

Bituminous coal with a quality that allows the production of a coke suitable to support a blast furnace charge. Its gross calorific value is equal to or greater than 24 000 kJ/kg on an ash-free but moist basis.

2117 OTHER BITUMINOUS COAL (STEAM COAL)

Coal mainly used for steam raising purposes and includes all bituminous coal that is not included under coking coal nor anthracite. It is characterized by higher volatile matter than anthracite (more than 10%) and lower carbon content (less than 90% fixed carbon). Its gross calorific value is equal to or greater than 24 000 kJ/kg on an ash-free but moist basis. If bituminous coal is used in coke ovens it should be reported as coking coal.

2118 SUB-BITUMINOUS COAL

Sub-bituminous coal is also covered. Sub-bituminous coal is a non-agglomerating coal with a gross calorific value equal to or greater than 20 000 kJ/kg and less than 24 000 kJ/kg containing more than 31% volatile matter on a dry mineral matter free basis.

Hard coal (Code 2111) is the sum of anthracite (Code 2115), coking coal (Code 2116), other bituminous coal (Code 2117) and sub-bituminous coal (Code 2118).

Source: International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms: 2115 Anthracite
2116 Coking coal
2117 Other bituminous coal
2118 Sub-bituminous coal

2112 PATENT FUELS

Patent fuels are a composition of fuel manufactured from hard coal fines with the addition of a binding agent. The amount of patent fuel produced may, therefore, be slightly higher than the actual amount of coal consumed in the transformation process.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

2120 COKE

Coke covers coke-oven coke and gas coke. Coke (Code 2120) is the sum of coke oven coke (Code 2121) and gas coke (Code 2122).

Source: Eurostat product classification

Related terms: 2121 Coke oven coke
 2122 Gas coke

2121 COKE OVEN COKE

Coke oven coke is the solid product obtained from carbonization of coal, principally coking coal, at high temperature; it is low in moisture and volatile matter. Coke oven coke is used mainly in the iron and steel industry acting as energy source and chemical agent. Coke breeze and foundry coke are included in this category. Semi-coke (a solid product obtained from carbonization of coal at low temperature) should be included in this category. Semi-coke is used as a domestic fuel or by the transformation plant itself. This heading also includes coke, coke breeze and semi-coke made from lignite/brown coal.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

2122 GAS COKE

Gas coke is a by-product of hard coal used for production of town gas in gas works. Gas coke is used for heating purposes.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

2130 COAL TAR

Coal tar is a result of the destructive distillation of bituminous coal or of the low-temperature carbonisation of brown coal. Coal tar from bituminous coal is the liquid by-product of the distillation of coal to make coke in the coke oven process. Coal tar can be further distilled

into different organic products (e.g. benzene, toluene, naphthalene), which normally would be reported as a feedstock to the petrochemical industry.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

2200 LIGNITE & DERIVATIVES

Lignite and derivatives comprise lignite/brown coal, peat, BKB (brown coal briquettes) and peat products. Lignite & derivatives (Code 2200) is the sum of lignite/brown coal (Code 2210), BKB -brown coal briquettes- (Code 2230), peat (Code 2310) and peat products (Code 2330).

Source: Eurostat product classification

Related terms:

- 2210 Lignite/brown coal
- 2230 BKB (Brown coal briquettes)
- 2310 Peat
- 2330 Peat products

2210 LIGNITE / BROWN COAL

Lignite/brown coal is a non-agglomerating coal with a gross calorific value less than 20 000 kJ/kg and greater than 31% volatile matter on a dry mineral matter free basis.

Source: Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

2230 BKB (BROWN COAL BRIQUETTES)

BKB is a composition fuel manufactured from lignite or sub-bituminous coal, produced by briquetting under high pressure without the addition of a binding agent.

Source: Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

2310 PEAT

Peat is a combustible soft, porous or compressed, fossil sedimentary deposit of plant origin with high water content (up to 90 percent in the raw state), easily cut, and of light to dark brown colour. Peat used for non-energy purposes should not be included here.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

2330 PEAT PRODUCTS

These are products such as peat briquettes derived directly or indirectly from sod peat and milled peat.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

2410 OIL SHALE AND OIL SANDS

Oil shale and oil sands are sedimentary rock which contains organic matter in the form of kerogen.

Kerogen is a waxy hydrocarbon-rich material regarded as a precursor of petroleum. Oil shale may be burned directly or processed by heating to extract shale oil.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

3000 TOTAL PETROLEUM PRODUCTS (WITHOUT BIOFUELS)

Total petroleum products (without biofuels) covers Crude oil, Natural Gas Liquids (NGL), Refinery feedstocks, Additives-oxygenates and Other hydrocarbons as well as *all petroleum products* such as Refinery gas, Ethane, Liquefied petroleum gas, Naphtha, Motor gasoline, Aviation gasoline, Gasoline type jet fuel, Kerosenes (Kerosene type jet fuel and Other kerosene), Gas/diesel oil, Residual fuel oil, White spirit & SBP, Lubricants, Bitumen, Petroleum coke, Paraffin waxes and Other oil products.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

Related terms: 3100 Crude oil, Natural Gas Liquids, feedstocks, additives/oxygenates, and other hydrocarbons (without bio components)

3200 All petroleum products (without bio components)

3100 CRUDE OIL, NATURAL GAS LIQUIDS, FEEDSTOCKS, ADDITIVES/OXYGENATES AND OTHER HYDROCARBONS (WITHOUT BIO COMPONENTS)

Crude oil, Natural Gas Liquids, feedstocks, additives/oxygenates, and other hydrocarbons (without bio components) is the sum of *Crude oil & Natural Gas Liquids* (code 3110) and *Feedstocks, additives and other hydrocarbons* (code 3190).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

Related terms: 3110 Crude oil & Natural Gas Liquids

3190 Feedstocks, additives and other hydrocarbons

3110 CRUDE OIL & NATURAL GAS LIQUIDS

Crude oil & Natural Gas Liquids is the sum of Crude oil (code 3105) and Natural Gas Liquids (code 3106).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

Related terms: 3105 Crude oil
3106 Natural Gas Liquids (NGL)

3105 CRUDE OIL (without Natural Gas Liquids)

Crude oil is a mineral oil of natural origin comprising a mixture of hydrocarbons and associated impurities such as sulphur. It exists in the liquid phase under normal surface temperature and pressure and its physical characteristics (density, viscosity, etc.) are highly variable. Crude oil also includes field or lease condensate recovered from associated and non-associated gas where it is commingled with the commercial crude oil stream.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

3106 NATURAL GAS LIQUIDS (NGL)

NGL are liquid or liquefied hydrocarbons recovered from natural gas in separation facilities or gas processing plants. Natural Gas Liquids include ethane, propane, butane (normal and iso), (iso) pentane and pentanes plus (sometimes referred to as natural gasoline or plant condensate).

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

3190 FEEDSTOCKS, ADDITIVES AND OTHER HYDROCARBONS (WITHOUT BIO COMPONENTS)

Feedstocks, additives and other hydrocarbons (without bio components) is the sum of Refinery feedstocks (code 3191), Additives/oxygenates (code 3192) and Other hydrocarbons (code 3193).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

Related terms: 3191 Refinery feedstocks
3192 Additives/oxygenates (without bio components)
3193 Other hydrocarbons

3191 REFINERY FEEDSTOCKS

Refinery feedstocks consist of processed oil destined for further processing (e.g. straight run fuel oil or vacuum gas oil), excluding blending. With further processing, it will be transformed into one or more components and/or finished products. Returns from the petrochemical industry to the refining industry are also included (e.g. pyrolysis gasoline, C4 fractions, gasoil and fuel oil fractions).

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

3192 ADDITIVES/OXYGENATES (WITHOUT BIO COMPONENTS)

Additives/oxygenates (without bio components) are non-hydrocarbon compounds added to or blended with a product to modify fuel properties (octane, cetane, cold properties, etc.):

- ✓ oxygenates, such as alcohols (methanol, ethanol), ethers (such as MTBE (methyl tertiary butyl ether), ETBE (ethyl tertiary butyl ether), TAME (tertiary amyl methyl ether)),
- ✓ esters (e.g. rapeseed or dimethylester, etc.),
- ✓ chemical compounds (such as TML, TEL and detergents).

Note: quantities of additives/oxygenates (alcohols, ethers, esters and other chemical compounds) reported in this category relate to the quantities destined for blending with fuels or for fuel use.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

3193 OTHER HYDROCARBONS

Other hydrocarbons include synthetic crude oil from tar sands, shale oil, etc., liquids from coal liquefaction, output of liquids from natural gas conversion into gasoline, hydrogen and emulsified oils (e.g. orimulsion). Excludes oil shale production.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

3200 ALL PETROLEUM PRODUCTS (WITHOUT BIO COMPONENTS)

All petroleum products (without bio components) covers Refinery gas, Ethane, Liquefied petroleum gas, Naphtha, Motor gasoline, Aviation gasoline, Gasoline type jet fuel, Kerosenes

(Kerosene type jet fuel and Other kerosene), Gas/diesel oil, Residual fuel oil, White spirit & SBP, Lubricants, Bitumen, Petroleum coke, Paraffin waxes and Other oil products.

All petroleum products (code 3200) is the sum of Refinery gas & Ethane (Code 3210), LPG – Liquefied petroleum gas (code 3220), Motor spirit (code 3230), Kerosenes & Jet fuels (Code 3240), Naphta (code 3250), Gas/diesel oil (code 3260), Residual fuel oil (code 3270A), Other petroleum products (code 3280) and Other oil products (code 3295).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

Related terms:

- 3210 Refinery gas & Ethane
- 3220 Liquefied petroleum gas (LPG)
- 3230 Motor spirit
- 3240 Kerosenes & Jet fuels
- 3250 Naphta
- 3260 Gas/diesel oil
- 3270A Total fuel oil (Residual fuel oil)
- 3280 Other petroleum products

3210 REFINERY GAS & ETHANE

Refinery gas & Ethane (Code 3210) is the sum of Refinery gas (Code 3214) and Ethane (Code 3215).

Refinery gas includes a mixture of non-condensed gases mainly consisting of hydrogen, methane, ethane and olefins obtained during distillation of crude oil or treatment of oil products (e.g. cracking) in refineries. This also includes gases which are returned from the petrochemical industry.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

Related terms:

- 3214 Refinery gas
- 3215 Ethane

3214 REFINERY GAS

Refinery gas covers a mixture of non-condensable gases mainly consisting of hydrogen, methane, ethane and olefins obtained during distillation of crude oil or treatment of oil products (e.g. cracking) in refineries. Also gases returned from the petrochemical industry are included.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms:

- 3210 Refinery gas & Ethane

3215 ETHANE

Ethane is a naturally gaseous straight-chain hydrocarbon (C₂H₆) extracted from natural gas and refinery gas streams.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3210 Refinery gas & Ethane

3220 LIQUEFIED PETROLEUM GAS (LPG)

Liquefied petroleum gases (LPG) are light paraffinic hydrocarbons derived from the refinery processes, crude oil stabilisation and natural gas processing plants. They consist mainly of propane and butane or a combination of the two. LPG are normally liquefied under pressure for transportation and storage.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

3230 MOTOR SPIRIT

Motor spirit is the sum of Motor gasoline (code 3234) and Aviation gasoline (code 3235).

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3234 Gasoline (without bio components)
3235 Aviation gasoline

3234 MOTOR GASOLINE (WITHOUT BIO COMPONENTS)

Motor gasoline consists of a mixture of light hydrocarbons distilling between 35 °C and 215 °C. It is used as a fuel for land based spark ignition engines. Motor gasoline may include additives, oxygenates and octane enhancers, including lead compounds such as TEL and TML. Includes motor gasoline blending components (excluding additives/oxygenates), e.g. alkylates, isomate, reformate, cracked gasoline destined for use as finished motor gasoline.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3230 Motor spirit

3235 AVIATION GASOLINE

Aviation gasoline is a motor spirit prepared especially for aviation piston engines, with an octane number suited to the engine, a freezing point of - 60 °C and a distillation range usually within the limits of 30 °C and 180 °C.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3230 Motor spirit

3240 KEROSENES & JET FUELS

Kerosenes & Jet fuels cover Gasoline type jet fuel (code 3246), Kerosene type jet fuel (code 3247) and Other kerosene (code 3244). These fuels are atmospheric distillates having a volatility intermediate between those of gasoline and gas oil and a distillation range generally between the limits of 100°C and 300°C. This fuel also includes kerosene-blending components.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3244 Other kerosene
3246 Gasoline type jet fuel
3247 Kerosene type jet fuel (without bio components)

3244 OTHER KEROSENE

Other kerosene is a refined petroleum distillate used in sectors other than aircraft transport. It distils between 150 °C and 300 °C.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3240 Kerosenes & Jet fuels

3246 GASOLINE TYPE JET FUEL

Gasoline type jet fuel (naphtha type jet fuel or JP4) includes all light hydrocarbon oils for use in aviation turbine power units, distilling between 100 °C and 250 °C. They are obtained by

blending kerosenes and gasoline or naphthas in such a way that the aromatic content does not exceed 25 % in volume, and the vapour pressure is between 13,7 kPa and 20,6 kPa.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3240 Kerosenes & Jet fuels

3247 KEROSENE TYPE JET FUEL (WITHOUT BIO COMPONENTS)

Kerosene type jet fuel is a distillate used for aviation turbine power units. It has the same distillation characteristics between 150 °C and 300 °C (generally not above 250 °C) and flash point as kerosene. In addition, it has particular specifications (such as freezing point) which are established by the International Air Transport Association (IATA). Includes kerosene blending components.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3240 Kerosenes & Jet fuels

3250 NAPHTHA

Naphtha is a feedstock destined for either the petrochemical industry (e.g. ethylene manufacture) or aromatics production. Naphtha comprises material in the 30°C — 210°C distillation range or part of this range.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3190 Feedstocks

3260 GAS / DIESEL OIL (WITHOUT BIO COMPONENTS)

Gas/diesel oil is primarily a medium distillate distilling between 180°C and 380°C. It comprises transport diesel (as Road diesel for diesel compression ignition usually of low sulphur content) and Heating and other gas oil (light heating oil for industrial and commercial purposes, marine diesel and diesel used in rail traffic and other gas oil including heavy gas oils distilling between 380°C and 540°C used as petrochemical feedstocks). Also blending components are included.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3265 Road Diesel (without bio components)
3266 Heating and other gas oil

3265 ROAD DIESEL (WITHOUT BIO COMPONENTS)

Road diesel oil covers automotive diesel oil for diesel compression ignition, usually of low sulphur content.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3260 Gas/diesel oil (without bio components)

3266 HEATING AND OTHER GAS OIL

Heating and other oil is light heating oil for industrial and commercial uses, marine diesel and diesel used in rail traffic, other gas oil, including heavy gas oils which distil between 380 °C and 540 °C and which are used as petrochemical feedstocks.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3260 Gas/diesel oil (without bio components)

3270A TOTAL FUEL OIL

Residual fuel oil covers heavy fuel oils including those obtained by blending. Kinematic viscosity is above 10 cSt at 80°C. The flash point is always above 50°C and density is always more than 0.90 kg/l.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3271 Fuel oil – low sulphur (< 1 %)
3272 Fuel oil – high sulphur (>= 1 %)

3271 FUEL OIL – LOW SULPHUR (< 1 %)

Residual fuel oil – low sulphur is heavy fuel oil with a sulphur content lower than 1 %.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3270A Total fuel oil

3272 FUEL OIL – HIGH SULPHUR (>= 1 %)

Residual fuel oil – high sulphur is heavy fuel oil with a sulphur content of 1 % or higher.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire (OilAQ)

Related terms: 3270A Total fuel oil

3280 OTHER PETROLEUM PRODUCTS

Other petroleum products (code 3280) is the sum of White spirit & SBP (code 3281), Lubricants (code 3282), Bitumen (code 3283), Petroleum coke (code 3285) and Paraffin waxes (code 3286).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3281 White spirit & SBP
3282 Lubricants
3283 Bitumen
3285 Petroleum coke
3286 Paraffin waxes

3281 WHITE SPIRIT & SBP

White spirit & SBP (industrial spirit) are refined distillate intermediates with a distillation in the naphtha/kerosene range. White spirit is an industrial spirit with a flash point above 30°C. It has a distillation range between 135°C and 200°C.

Industrial spirit (SBP) consists of light oil distilling between 30°C and 200°C. There are 7 or 8 grades of industrial spirit, depending on the position of the cut in the distillation range. The grades are defined according to the temperature difference between the 5 % volume and 90 % volume distillation points (which is not more than 60 °C).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3280 Other petroleum products

3282 LUBRICANTS

Lubricants are hydrocarbons produced from distillate by product. They are mainly used to reduce friction between bearing surfaces. Lubricants also cover finished grades of lubricating oil, from spindle oil to cylinder oil, and those used in greases, including motor oils and all grades of lubricating oil base stocks.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3280 Other petroleum products

3283 BITUMEN

Bitumen is a solid, semi-solid or viscous hydrocarbon with a colloidal structure, being brown to black in colour, obtained as a residue in the distillation of crude oil, by vacuum distillation of oil residues from atmospheric distillation. Bitumen is often referred to as asphalt and is primarily used for construction of roads and for roofing material. Fluidised and cut back bitumen are also included.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3280 Other petroleum products

3285 PETROLEUM COKE

Petroleum coke is a black solid by-product, obtained mainly by cracking and carbonising petroleum-derived feedstock, vacuum bottoms, tar and pitches in processes such as delayed coking or fluid coking. It consists mainly of carbon (90% to 95%) and has a low ash content. Petroleum coke is used as a feedstock in coke ovens for the steel industry, for heating purposes, for electrode manufacture and for production of chemicals. "Catalyst coke", which is deposited on the catalyst during the refining processes, is also included. This coke is not recoverable and is usually burned as refinery fuel.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3280 Other petroleum products

3286 PARAFFIN WAXES

Paraffin waxes are saturated aliphatic hydrocarbons. These waxes are residues extracted when dewaxing lubricant oils. They have a crystalline structure which is more-or-less fine according to the grade. Their main characteristics are as follows: they are colourless, odourless and translucent, with a melting point above 45 °C.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Oil Annual Questionnaire

Related terms: 3280 Other petroleum products

3295 OTHER OIL PRODUCTS

Other oil products cover all products that do not belong to any other code of petroleum products (for example: tar and sulphur). Includes aromatics (e.g. BTX or benzene, toluene and xylene) and olefins (e.g. propylene) produced within refineries.

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

4000 GAS

Gas covers natural gas and derived gases. Gas (Code 4000) is thus the sum of natural gas (Code 4100) and derived gas (Code 4200).

Source: Regulation (EC) No 1099/2008 on energy statistics, Eurostat product classification

Related terms: 4100 Natural gas
4200 Derived gas

4100 NATURAL GAS

Natural gas comprises gases occurring in underground deposits, whether liquefied or gaseous, consisting mainly of methane. Natural gas includes “non-associated” gas originating from fields producing hydrocarbons only in gaseous form and “associated” gas produced in association with crude oil, as well as methane recovered from coal mines (colliery gas).

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe Gas Annual Questionnaire

4200 DERIVED GAS

Derived gases are manufactured gases, comprising coke-oven gas, blast furnace gas and gasworks gas. Derived gases (code 4200) is the sum of Coke-oven gas (code 4210), Blast-furnace gas (code 4220), Gasworks gas (code 4230) and Other recovered gases (code 4240).

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

Related terms:

- 4210 Coke-oven gas
- 4220 Blast-furnace gas
- 4230 Gasworks gas
- 4240 Other recovered gases

4210 COKE-OVEN GAS

Coke-oven gas is obtained as a by-product of solid fuel carbonisation and gasification operations carried out by coke producers and iron and steel plants which are not connected with gas works or municipal gas plants.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

4220 BLAST – FURNACE GAS

Blast furnace gas is obtained as a by-product in operating blast furnaces. It is recovered on leaving the furnaces and used partly within the plant and partly in other steel industry processes or in power stations equipped to burn it.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

4230 GAS WORKS GAS

Gas works gas covers all types of gases produced in public utility or private plants, whose main purpose is manufacture, transport and distribution of gas. It includes gas produced by carbonisation (including gas produced by coke ovens and transferred to gas works gas), by

total gasification with or without enrichment with oil products (LPG, residual fuel oil, etc.), and by reforming and simple mixing of gases and/or air, reported under the rows “From Other Sources”. Under the transformation sector identify amounts of gas works gas transferred to blended natural gas which will be distributed and consumed through the natural gas grid.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

4240 OTHER RECOVERED GASES

Other recovered gases are a by-product of the production of steel in an oxygen furnace, recovered on leaving the furnace. The gases are also known as converter gas, LD gas or BOS gas. The quantity of recuperated fuel should be reported on a gross calorific value basis. Also covers non-specified manufactured gases not mentioned above, such as combustible gases of solid carbonaceous origin recovered from manufacturing and chemical processes not elsewhere defined.

Source: Regulation (EC) No 1099/2008 on energy statistics, Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on solid fossil fuels and manufactured gases

5100 NUCLEAR HEAT

This is the heat generated in nuclear power plants as a result of fission or fusion of the nuclear fuel inside of the reactor, for the production of electricity or for other useful applications of heat.

Source: Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

5200 DERIVED HEAT

Derived heat covers the total heat production in heating plants and in combined heat and power plants. It includes the heat used by the auxiliaries of the installation which use hot fluid (space heating, liquid fuel heating, etc.) and losses in the installation/network heat exchanges. For autoproducing entities (= entities generating electricity and/or heat wholly or partially for their own use as an activity which supports their primary activity) the heat used by the undertaking for its own processes is not included.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on electricity and heat

5500 RENEWABLE ENERGIES

Renewable energies cover hydro power, wind energy, solar energy, tide, wave and ocean, biomass and renewable wastes and geothermal energy. Renewable energies (Code 5500) are the sum of hydro power (Code 5510), wind energy (Code 5520), solar energy (Code 5530), tide, wave and ocean (Code 5535), biomass & renewable wastes (Code 5540) and geothermal energy (Code 5550).

Source: Eurostat product classification

Related terms:

- 5510 Hydropower
- 5520 Wind energy
- 5530 Solar energy
- 5535 Tide, wave and ocean
- 5540 Biomass & renewable wastes
- 5550 Geothermal energy

5510 HYDRO POWER

Hydro power covers the potential and kinetic energy of water converted into electricity in hydroelectric plants. Electricity from pure and mixed pump storage plants should be included in the total hydro, as well as production from pumped storage.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5520 WIND POWER

Wind energy covers the kinetic energy of wind exploited for electricity generation in wind turbines.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5530 SOLAR ENERGY

Solar energy covers the solar radiation exploited for hot water production and electricity generation. Passive solar energy for the direct heating, cooling and lighting of dwellings or other buildings is not included. Solar energy (Code 5530) is the sum of solar thermal (Code 5532) and solar photovoltaic (Code 5534).

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms:

- 5532 Solar thermal
- 5534 Solar photovoltaic

5532 SOLAR THERMAL

Solar thermal covers solar thermal-electric plants, or equipment for the production of domestic hot water or for the seasonal heating of swimming pools (e.g. flat plate collectors, mainly of the thermosyphon type).

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5534 SOLAR PHOTOVOLTAIC

Solar photovoltaic converts sunlight into electricity by the use of solar cells usually made of semi-conducting material which exposed to light will generate electricity.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5535 TIDE, WAVE AND OCEAN

Mechanical energy derived from tidal movement, wave motion or ocean current and exploited for electricity generation.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5540 BIOMASS & RENEWABLE WASTES

Biomass and renewable wastes cover organic, non-fossil material of biological origin, which may be used for heat production or electricity generation. They are the sum of solid biofuels (excluding charcoal) (Code 5541), charcoal (Code 5544), biogas (Code 5542), municipal waste (renewable) (Code 55431) and liquid biofuels (Code 5545). Industrial waste should be reported under non-renewable waste.

Source: Eurostat product classification and Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

Related terms:

- 5541 Solid biofuels (excluding charcoal)
- 5544 Charcoal
- 5542 Biogas
- 5545 Liquid Biofuels
- 55431 Municipal waste (renewable)

5541 SOLID BIOFUELS (EXCLUDING CHARCOAL)

Solid biofuels (excluding charcoal) cover organic, non-fossil material of biological origin which may be used as fuel for heat production or electricity generation. They are the sum of fuelwood, wood residues and by-products (Code 55411), bagasse (Code 55413), black liquor (Code 55414), other vegetal materials (Code 55415) and residues and animal waste (Code 55416).

Related terms: 55411 Fuel wood, wood residues and by-products
55413 Bagasse
55414 Black liquor
55415 Other vegetal materials and residues
55416 Animal waste

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

55411 FUEL WOOD, WOOD RESIDUES AND BY-PRODUCTS

Fuelwood or firewood (in log, brushwood, pellet or chip form) obtained from natural or managed forests or isolated trees. Also included are wood residues used as fuel and in which the original composition of wood is retained. Charcoal and black liquor are excluded. Wood pellets is a subcategory of fuel wood, wood residues and by-products.

Related terms: 55412 Wood pellets

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

55412 WOOD PELLETS

Wood pellets are a cylindrical product that has been agglomerated from wood residues by compression with or without the addition of a small quantity of binder. The pellets have a diameter not exceeding 25 mm and a length not exceeding 45 mm.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

55413 BAGASSE

Fuel obtained from the fibre which remains after juice extraction in sugar cane processing.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

55414 BLACK LIQUOR

Energy from the alkaline-spent liquor obtained from the digesters during the production of sulphate or soda pulp required for paper manufacture.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

55415 OTHER VEGETAL MATERIALS AND RESIDUES

Biofuels not specified elsewhere and including straw, vegetable husks, ground nut shells, pruning brushwood, olive pomace and other wastes arising from the maintenance, cropping and processing of plants.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

55416 ANIMAL WASTE

Energy from excreta of animals, meat and fish residues which, when dry, are used directly as a fuel. This excludes waste used in anaerobic fermentation plants. Fuel gases from these plants are included under biogases.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5544 CHARCOAL

Charcoal covers the solid residue of the destructive distillation and pyrolysis of wood and other vegetal material.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5542 BIOGAS

Biogas is a gas composed principally of methane and carbon dioxide produced by anaerobic digestion of biomass or by thermal processes. It is the sum of biogases from anaerobic fermentation (Code 55420) and biogases from thermal processes (Code 55425).

Related terms: 55420 Biogases from anaerobic fermentation
55425 Biogases from thermal processes

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

55421 LANDFILL GAS

Landfill gas is formed by the anaerobic digestion of landfill waste.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

55422 SEWAGE SLUDGE GAS

Sewage sludge gas is produced from the anaerobic fermentation of sewage sludge.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

55423 OTHER BIOGASES FROM ANAEROBIC FERMENTATION

Other biogases from anaerobic digestion are e.g. biogases produced from the anaerobic fermentation of animal slurries and of waste in abattoirs, breweries and other agro-food industries.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

55425 BIOGASES FROM THERMAL PROCESSES

Biogases produced from thermal processes (by gasification or pyrolysis) of biomass.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5545 LIQUID BIOFUELS

Liquid biofuels is the sum of biogasoline (Code 5546), biodiesels (5547), bio jet kerosene (5549) and other liquid biofuels (5548).

Related terms:

- 5546 Biogasoline
- 5547 Biodiesels
- 5549 Bio jet kerosene
- 5548 Other liquid biofuels

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5546 BIOGASOLINE

Biogasoline includes bioethanol (ethanol produced from biomass and/or the biodegradable fraction of waste), biomethanol (methanol produced from biomass and/or the biodegradable fraction of waste), bioETBE (ethyl-tertio-butyl-ether produced on the basis of bioethanol; the percentage by volume of bioETBE that is calculated as biofuel is 47%) and bioMTBE (methyl-tertio-butyl-ether produced on the basis of biomethanol: the percentage by volume of bioMTBE that is calculated as biofuel is 36%). Bioethanol (Code 55461R) is a subcategory of biogasoline. Biogasoline is the sum of pure biogasoline (Code 5546R) and blended biogasoline (Code 5546O).

Related terms: 55461R Bioethanol
5546R Pure biogasoline
5546O Blended biogasoline

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

55461R BIOETHANOL

Bioethanol includes ethanol produced from biomass.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5546R PURE BIOGASOLINE

Pure biogasoline relates only to the quantities of pure biofuel and should be reported in the renewables questionnaire.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5546O BLENDED BIOGASOLINE

Blended biogasoline is blended as part of transport fuels. The amount relates to the quantities of biofuel and not to the total volume of liquids into which the biofuels are blended. It should be reported in the oil questionnaire.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5547 BIODIESELS

This category includes biodiesel (a methyl-ester produced from vegetable or animal oil, of diesel quality), biodimethylether (dimethylether produced from biomass), Fischer Tropsch

(Fischer Tropsch produced from biomass), cold pressed biooil (oil produced from oil seed through mechanical processing only) and all other liquid biofuels which are added to, blended with Gas/diesel oil. Biodiesels is the sum of pure biodiesels (Code 5547R) and blended biodiesels (Code 5547O).

Related terms: 5547R Pure biodiesels
5547O Blended biodiesels

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5547R PURE BIODIESELS

Pure biodiesels relate only to the quantities of pure biofuel and should be reported in the renewables questionnaire.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5547O BLENDED BIODIESELS

Blended biodiesels are blended as part of transport fuels. The amount relates to the quantities of biofuel and not to the total volume of liquids into which the biofuels are blended. It should be reported in the oil questionnaire.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5549 BIO JET KEROSENE

Bio jet kerosene comprises liquid biofuels derived from biomass and blended with or replacing Jet kerosene. Bio jet kerosene is the sum of pure Bio jet kerosene (Code 5549R) and blended Bio jet kerosene (Code 5549O).

Related terms: 5549R Pure bio jet kerosene
5549O Blended bio jet kerosene

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5549R PURE BIO JET KEROSENE

Pure bio jet kerosene relate only to the quantities of pure biofuel and should be reported in the renewables questionnaire.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

55490 BLENDED BIO JET KEROSENE

Blended bio jet kerosene are blended as part of transport fuels. The amount relates to the quantities of biofuel and not to the total volume of liquids into which the biofuels are blended. It should be reported in the oil questionnaire.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5548 OTHER LIQUID BIOFUELS

This category includes liquid biofuels, used directly as fuel, not included in the definitions of biogasoline, biodiesel or bio jet kerosene and liquid biofuels consumption that cannot be reported under the right category because of missing information.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5550 GEOTHERMAL ENERGY

Geothermal energy comprises energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam. It is exploited as suitable sites for electricity generation using dry steam or high enthalpy brine after flashing or directly as heat for district heating, agriculture, etc.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

5543 MUNICIPAL WASTE

Municipal waste covers renewable and non-renewable wastes produced by households, industry, hospitals and the tertiary sector, incinerated at specific installations. It is the sum of municipal waste (renewable) (Code 55431) and municipal waste (non-renewable) (Code 55432)

Related terms: 55431 Municipal waste (renewable)
55432 Municipal waste (non-renewable)

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

7200 WASTES (NON-RENEWABLES)

Wastes non-renewable) is the sum of municipal waste (non-renewable) (Code 55432) and industrial wastes (Code 7732).

Related terms: 55432 Municipal waste (non-renewable)
7100 Industrial wastes

55431 MUNICIPAL WASTE (RENEWABLE)

Municipal waste (renewable) is the portion of waste produced by households, industry, hospitals and the tertiary sector which is biological material collected by local authorities and incinerated at specific installations.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

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55432 MUNICIPAL WASTE (NON-RENEWABLE)

Municipal waste (non-renewable) is the portion of waste produced by households, industry, hospitals and the tertiary sector which is non-biological material collected by local authorities and incinerated at specific installations..

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

7100 INDUSTRIAL WASTES

Industrial wastes cover wastes of industrial non-renewable origin (solid and liquids), combusted directly for the production of electricity and/or heat.

Source: Joint International Energy Agency/Eurostat/United Nations Economic Commission for Europe annual questionnaire on renewables and wastes

6000 ELECTRICAL ENERGY

Electrical energy covers electricity generated in all types of power plants (e.g. in nuclear, thermal, hydro, wind, photovoltaic or other plants) to be distributed to consumers through the grid or consumed locally.

Source: Eurostat