

2016

Energy Balances



Department of Economic and Social Affairs
Statistics Division

2016

Energy Balances



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Statistics compiled as of December 2018

INTRODUCTION

The *Energy Balances 2016* presents energy data for countries and areas in a format which shows the overall picture of the production, trade, transformation and consumption of energy products utilized in the region, published by the United Nations Statistics Division (UNSD). Such a format is useful in assessing and analysing supply and consumption patterns across both products and countries in detail on an internationally comparable basis.

It is the fifth edition of *Energy Balances* as a stand-alone publication, whereas until the 2011 edition it was part of the series *Energy Balances and Electricity Profiles*. The series was split in two and in addition to the *Energy Balances* a sister publication, the *Electricity Profiles*, is released.

This is the fifth issue where the standards brought about by the *International Recommendations for Energy Statistics*¹ (IRES) have been incorporated. IRES, in its draft form, was endorsed in 2011 by the United Nations Statistical Commission.

The old and the new energy balance formats have a number of similarities, for example the matrix presentation which shows energy sources in the columns and energy flows in the rows, taking into account the need for disaggregation of certain energy industries and final consumption. At the same time, to take a few examples of differences in the new publication, Natural gas is now shown on a net calorific basis (90% of the gross value), a less detailed oil product breakdown is displayed, and a different accounting of primary energy from Nuclear, Solar thermal and Geothermal sources is employed.

The level of detail of this matrix structure is presented in two formats: a detailed one for most countries; and a simplified one for countries of smaller size and/or with few types of energy flows to display.

It should be noted that unlike national energy balances designed for individual countries' various specific needs, the energy balance formats of UNSD have to accommodate the whole spectrum of national energy data which are received from national statistical offices and through official national publications.

Basic world energy data are also published in their natural units in the *Energy Statistics Yearbook*,

which contains annual data on production, trade, stock changes, bunkers and supply (apparent consumption) for individual commodities for over 220 countries and areas of the world. In contrast with the *Energy Balances*, where tables refer to countries and show all products at once (in groups), in the *Energy Statistics Yearbook* the tables in most cases refer to products, showing all countries side by side. As such, in that publication, data for individual products can be identified, whereas here in this publication the products of the same type are grouped to allow easy visualisation of the overall energy flows.

The information contained in this publication is also available in electronic format.² Requests for information should be directed to United Nations Publications at: order@un.org.

Acknowledgement is due to the following specialized and intergovernmental agencies whose publications have been utilized in supplementing our statistics: African Energy Commission (AFREC), Asia-Pacific Economic Cooperation (APEC), Food and Agriculture Organization of the United Nations (FAO), International Atomic Energy Agency (IAEA), International Energy Agency of the Organisation for Economic Cooperation and Development (IEA/OECD), International Renewable Energy Agency (IRENA), International Sugar Organization (ISO), Organization of Arab Petroleum Exporting Countries (OAPEC), Organization of the Petroleum Exporting Countries (OPEC), Organización Latinoamericana de Energía (OLADE), Statistical Office of the European Union (Eurostat), World Energy Council (WEC). Acknowledgement is also made to governmental, energy and statistical authorities of the Member States which have been cooperative in providing data.

The annual energy data are being collected and processed by the Energy Statistics Section of UNSD, headed by Mr. Leonardo Souza. The processing of the energy data and preparation for publication were carried out by Ms. Agnieszka Koscielniak, Mr. Man Soni, Ms. Costanza Giovannelli, Ms. Peng Guo and Mr. Graham Osborn.

Enquiries, comments and suggestions for improving this publication are welcome and should be addressed to: energy_stat@un.org.

¹ Available at <http://unstats.un.org/unsd/energy/ires>

² For details, see <http://unstats.un.org/unsd/energy/balance>

CONCEPTS AND DEFINITIONS

INTRODUCTION

Concept of energy balances. The energy balance is an accounting framework for compilation and reconciliation of data on all energy products entering, exiting and used within a country or area during a reference period (in this publication, a year). Such a balance must necessarily express all forms of energy in a common accounting unit, and show the relationship between the inputs to and the outputs from the energy transformation processes. Energy balances should be as complete as possible so that all energy flows are, in principle, accounted for.

Balances can be compiled also for any particular energy product (energy commodity) and, in these cases, they are referred to as (energy) commodity balances. Apart from a few presentational differences such as showing secondary production together with primary production, commodity balances follow the general structure of energy balances (for more details, see IRES³ Chapter 6).

Purpose of energy balances. The energy balance is a multipurpose tool to:

(a) Enhance the relevance of energy statistics by providing comprehensive and reconciled data on the energy situation on a national territory basis;

(b) Provide comprehensive information on the energy supply and demand on the national territory in order to understand the energy security situation, the effective functioning of energy markets and other relevant policy goals, as well as to formulate energy policies;

(c) Serve as a quality tool to ensure completeness, consistency and comparability of basic statistics;

(d) Ensure comparability between different reference periods and between different countries;

(e) Provide data for estimation of CO₂ emissions with respect to the national territory;

(f) Provide the basis for indicators of each energy product's role in the country's economy;

(g) Calculate efficiencies of transformation processes occurring in the country (e.g., refining, electricity production by combustion of fuels, etc.);

(h) Calculate the relative shares of the supply/consumption of various products (including renewables versus non-renewables) of the country's total supply/consumption;

(i) Provide an input for modeling and forecasting.

The multipurpose nature of the energy balance can also be increased by the development of supplementary tables which combine information from the balance with additional information on particular issues that are not explicitly reflected in the balance itself, for example combining total energy supply with population or national income data to obtain energy indicators.

Detailed and aggregated energy balances. Energy balances can be presented in both detailed and aggregated formats. The degree of detail depends on the policy concern, data and resource availability, and the underlying classifications used. In this publication, the aggregated (or simplified) format is used for countries of small size and/or for which the types of energy flows are few and far between, and as a result can be summarised without much information loss.

SCOPE AND GENERAL PRINCIPLES OF ENERGY BALANCE COMPILATION

The scope of an energy balance. The scope of an energy balance is determined, inter alia, by the territory, product and flow boundaries (see IRES for details on these boundaries):

(a) Territory boundary – defined by the boundary of the national territory of the compiling country or the equivalent concept for other areas that do not constitute a country;

(b) Product boundary – defined by the scope of all energy products shown in the balance columns (see pages xiii-xxi for details);

(c) Flow boundary – defined by the scope of energy flows shown in the balance rows (see pages ix-xiii for details).

³ Available at <http://unstats.un.org/unsd/energy/ires>

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The scope of an energy balance does not include:

(a) Passive energy such as the heat gain of buildings and solar energy falling on the land to grow crops, etc;

(b) Deposits of energy resources and reserves (which can be nevertheless considered in additional tables);

(c) Extraction of any materials not covered in primary energy production

(d) Peat, waste and biomass used for non-energy purposes.

When compiling an energy balance, some **general principles on the coverage and structure of the balance** should be taken into account. These principles are as follows:

(a) The energy balance is compiled with respect to a clearly defined reference period (this publication displays annual balances considering calendar years, unless otherwise specified).

(b) The energy balance is a matrix represented by rows and columns;

(c) Columns represent groups of energy products that are available for use in the national territory or equivalent area;

(d) The column "Total" contains cells which provide the sum of the data entries in the corresponding row; however, the meaning of the cells in the "Total" column is not the same for all rows of the balance (see below);

(e) Rows represent energy flows;

(f) A separate row is reserved for statistical difference, calculated as the numerical difference between the total supply of a fuel, electricity or heat and the total use of it;

(g) Rows and columns should contain homogeneous information (refer to the same products and flows as defined in their headers);

(h) The detailed energy balance should contain sufficient rows and columns to show clearly the relationship between the inputs to and outputs from transformation processes (production of secondary energy products);

(i) All entries should be expressed in one energy unit (here, Terajoules are used); the conversion between energy units should be through the application of appropriate conversion factors (see pages xxiii-xxxiv);

(j) Net calorific values should be used for measuring the energy content of energy products;

(k) Production of primary and secondary energy as well as external trade in energy products, stock changes, final energy consumption and non-energy use should be clearly separated to better reflect the structure and relationships between energy flows and to avoid double-counting.

(l) To give a primary energy equivalent to electricity produced from non-combustible energy sources the "physical energy content" method should be used. According to this method the normal physical energy value of the primary energy form is used for the production figure. This is in contrast to the "partial substitution method" which requires assigning to such electricity a primary energy value equal to the hypothetical amount of fuel required to generate an identical amount of electricity in a thermal power station using combustible fuels.

In the "physical energy content" method, the normal physical energy value of the primary energy form is used for the production figure. For primary electricity, this is simply the gross generation figure for the source. Care is needed when expressing the percentage contributions from the various sources of national electricity production. As there is no transformation process recognized within the balances for the production of primary electricity, the respective percentage contributions from thermal and primary electricity cannot be calculated using a "fuel input" basis. Instead, the various contributions should be calculated from the amounts of electricity generated from the power stations classified by energy source (coal, nuclear, hydro, etc.).

Which energy product is primary and which is secondary is determined by the principle of multiple uses: the primary energy form should be the first

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energy form downstream in the production process for which multiple energy uses are practical. For example, in the case of nuclear energy, the choice is between the energy content of the nuclear fuel, the heat generated in the reactors and the electricity produced. Nuclear fuels are outside the scope of energy balances, as they do not fit the multiple energy uses criterion. On the other hand, nuclear electricity is not primary because the nuclear heat from the atomic fission that moves the turbines can also be used as heat. As a result of this principle, nuclear heat is chosen as the primary form.

For electricity and heat, the application of this principle leads to the choice of the following primary energy forms:

- Heat for nuclear, geothermal and solar thermal;
- Electricity for hydro, wind, tide, wave and other marine, and solar photovoltaic.

In the case of electricity generation from primary heat (nuclear, geothermal and solar thermal), it can be difficult to obtain measurements of the heat flow to the turbines. As a result, an estimate of the heat input is often used based on an efficiency of 33% for nuclear and solar thermal, and 10% for geothermal. This means that, in the absence of measurements of heat input, the equivalent primary nuclear heat and solar thermal heat is estimated as 3 times the nuclear electricity and solar thermal electricity produced, respectively, and the equivalent geothermal heat is estimated as 10 times the geothermal electricity output.

Where there is direct use of geothermal heat, the primary energy is equivalent to the use; whereas heat coming from geothermal heat plants is considered the output of a conversion process with a 50% efficiency in relation to its geothermal heat input. This means that in the latter case the primary energy is equivalent to twice the heat produced. This stems from the generally low quality of the heat from geothermal sources.

DESCRIPTION OF THE ROWS OF THE ENERGY BALANCE

Top block – Energy supply

The top block of an energy balance – *Energy supply* – is intended to show flows representing energy entering the national territory for the first time, energy removed from the national territory and stock changes.

The entering flows consist of production of primary energy products and imports of both primary and secondary energy products. The flows removing energy from the national territory are exports of primary and secondary energy products and international bunkers.

The balance item of the flows described above and the changes in stock represents the amount of energy which is available on the national territory during the reference period. This aggregate is named **Total energy supply**.

Primary production (row 1) refers to production of primary energy, which in turn is defined as the capture or extraction of fuels or energy from natural energy flows, the biosphere and natural reserves of fossil fuels within the national territory in a form suitable for use. Inert matter removed from the extracted fuels and quantities reinjected, flared or vented are not included. The resulting products are referred to as “primary” products.

Secondary production, that is, the manufacture of energy products through the process of transformation of primary fuels or energy, is not displayed under this item, but in Transformation.

Some conventions are used to account for primary production of electricity and heat consistently with IRES, and are described in the previous section.

Production of **Biomass** and **wastes**, as well as **Peat**, includes only that portion used for energy purposes.

Imports (row 2) of energy products comprise all fuel and other energy products entering the national territory. Goods simply being transported through a country (goods in transit) and goods temporarily admitted are excluded but re-imports, which are domestic goods exported but subsequently readmitted, are included. The bunkering of fuel outside the reference territory by national merchant ships and civil aircraft engaged in international travel is excluded from imports.

Exports (row 3) of energy products comprise all fuel and other energy products leaving the national territory with the exception that exports exclude quantities of fuels delivered for use by merchant (including passenger) ships and civil aircraft, of all nationalities, during international transport of goods and passengers. Goods simply being transported through a

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country (goods in transit) and goods temporarily withdrawn are excluded but re-exports, foreign goods exported in the same state as previously imported, are included.

For electricity, trade data include “goods in transit”, i.e. electricity transmitted through the country from one neighbour to another, as there is no practical way of discerning which quantities are re-exported and which are consumed by the transit country.

In the energy balance format, imports are positive numbers, while exports are negative numbers and carry a negative sign (-).

International marine bunkers (row 4) are quantities of fuels delivered to merchant (including passenger) ships, of any nationality, for consumption during international voyages transporting goods or passengers. International voyages take place when the ports of departure and arrival are in different national territories. Fuels delivered for consumption by ships during domestic transportation, fishing or military uses are not included here. For the purposes of energy statistics International Marine Bunkers are not included in exports. In the energy balance format, International Marine Bunkers are negative numbers and carry a negative sign (-).

International aviation bunkers (row 5) are quantities of fuels delivered to civil aircraft, of any nationality, for consumption during international flights transporting goods or passengers. International flights take place when the ports of departure and arrival are in different national territories. Fuels delivered for consumption by aircraft undertaking domestic or military flights are not included here. For the purposes of energy statistics International Aviation Bunkers are not included in exports. In the energy balance format, International Aviation Bunkers are negative numbers and carry a negative sign (-).

Stocks – For the purposes of energy statistics, stocks are quantities of energy products that are held on the national territory and can be used to: (a) maintain service under conditions where supply and demand are variable in their timing or amount due to normal market fluctuations, or (b) supplement supply in the case of a supply disruption. Stocks used to manage a supply disruption may be called “strategic” or “emergency” stocks and are often held separately from stocks designed to meet normal market fluctuations. **Stock**

changes (row 6) are defined as the increase (stock build) or decrease (stock draw) in the quantity of stock over the reporting period and are thus calculated as the difference between the closing and opening stocks.

A positive number indicates a reduction in stocks and thus an increase in available energy; the negative sign (-) indicates a net increase in stocks and thus a decrease in energy available for consumption.

Total energy supply (row 7) reflects, for each group of products, the supply of energy embodied in the energy products included in that particular group. The total supply of energy on the national territory is shown under the column “Total”.

It is computed as: Total energy supply = primary production (row 1) + imports (row 2) + exports (row 3) + international marine bunkers (row 4) + international aviation bunkers (row 5) + stock changes (row 6).⁴

Statistical difference (row 8) in the energy balance is the numerical difference between the total supply of the group of energy products described by the respective column and the total use of it. It is calculated by subtracting latter from the former, as follows: Statistical difference = total energy supply (row 6) + transfers (row 9) + transformation (row 10) + energy industries own use + losses – final consumption.

The statistical difference is a discrepancy that arises from various practical limitations and problems related to the collection of the data which make up supply and demand. The data may be subject to sampling or other collection errors, and/or be taken from different data sources which use different time periods, different spatial coverage, different fuel specifications or different conversions from volume to mass or from mass to energy content in the supply and demand sides of the balance.

The middle block

The main purpose of the middle block of an energy balance is to show transfers, energy transformation, energy industries own use and losses.

⁴ Because of the sign convention in energy balances, where quantities that contribute to the supply receive positive signs while those that are removed receive negative signs, these parts can be straightly added up.

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Transfers (row 9) are essentially statistical devices to overcome practical classification and presentation issues resulting from changes in use or identity of a product. Transfers comprise products transferred and interproduct transfers. Products transferred refer to the reclassification (renaming) of products which is necessary when finished oil products are used as feedstock in refineries. Interproduct transfers refer to the movements of fuels between product categories because of reclassification of a product which no longer meets its original specification. The transferred product (negative sign) is often blended with its host (positive sign). Where a product belonging to a column group is transferred out (negative sign) and another belonging to the same column group receives transfers in (positive sign), the resulting net transfers are displayed.

Transformation (row 10) describes the processes that convert an energy product into another energy product which, in general, is more suitable for specific uses. It occurs when part or all of the energy content of a product entering a process moves from this product to one or more different products leaving the process (e.g., coking coal to coke, crude oil to oil products, and fuel oil to electricity).

Energy entering transformation processes are shown with a negative sign to represent the input and energy which is an output of transformation activities is shown as a positive number. The sum of cells in each row appearing in the column “Total” should therefore be negative as transformation always results in a certain loss of energy when expressed in energy units. Depending on the level of aggregation, there are instances when only a residual negative number is displayed, for example in the total coal column (of the simplified format) where both a negative coking coal input and a positive coke oven coke output are collated.

Transformation is broken down into 11 types of processes in the detailed energy balance format, whereas the simplified energy balance format displays a breakdown of just three types. These processes are described as follows:

- **Electricity plants** refer to plants producing only electricity. The electricity may be obtained directly from natural sources such as hydro, geothermal, wind, tidal, marine, solar energy or from fuel cells, or from the heat obtained from the combustion of fuels or nuclear

reactions. For the simplified balance format, Electricity plants include CHP and Heat plants.

- **CHP plants** (Combined Heat and Power) refer to plants which produce both heat and electricity from at least one generating unit in the plant. They are sometimes referred to as “co-generation” plants.

- **Heat plants** refer to plants (including heat pumps and electric boilers) designed to produce heat only, for deliveries to third parties. Deliveries of fuels for heat generated by an autoproducer (which are enterprises whose principal activity is NOT heat production) for its own purposes are classified within the part of final consumption where they are consumed, and not as part of transformation.

- **Coke ovens** are large ovens within which coke oven coke, coke oven gas and coal tars are produced by high temperature carbonisation of coking coal.

- **Briquetting plants** comprise Patent fuel plants, Brown coal briquette plants and Peat briquette plants. **Patent fuel plants** are plants manufacturing patent fuels. **Brown coal briquette plants** are plants manufacturing brown coal briquettes (BKB). **Peat briquette plants** are plants manufacturing peat briquettes (included here are plants producing all kinds of peat products from primary peat).

- **Liquefaction plants** comprise Coal liquefaction plants and Gas to liquid (GTL) plants. **Coal liquefaction plants** are plants where coal is used as a feedstock to produce liquid fuels by hydrogenation or carbonisation. They are also known as coal-to-liquid (CTL) plants. **Gas-to-liquid (GTL) plants** are plants in which natural gas is used as a feedstock for the production of liquid fuels. The liquid fuels are usually used as vehicle fuels. Note that the gas-to-liquid plants are quite different from LNG plants which convert gaseous natural gas into liquid natural gas.

- **Gas works** (and other conversion to gases) are plants manufacturing gases for distribution to the public either directly or after blending with natural gas. Note that the gases are collectively referred to as “Gas Works Gas and other manufactured gases for distribution”; short name - gas works gas. Some gas works may produce coke as well as gas.

- **Blast furnaces** are furnaces which produce blast furnace gas as a by-product when making pig iron

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from iron ore. During the process, carbon, mainly in the form of coke, is added to the blast furnace to support and reduce the iron oxide charge and provide heat.

- **NGL plants and gas blending** comprise Natural gas liquids (NGL) separation plants and Natural gas blending plants. **Natural gas liquids (NGL) separation plants** are plants involved in the separation of water, impurities and natural gas liquids from natural gas. In addition, the activities of these plants may also involve fractionation of the recovered natural gas liquids. **Natural gas blending plants** are plants, separate from gas works, in which substitute natural gas (see gas works gas), petroleum gases or biogases are mixed with natural gas for distribution in the gas mains. Where blending of substitute natural gas with natural gas takes place within gas works the blending is considered part of the gas works process.

- **Oil refineries** are plants which transform crude oil and other hydrocarbons (together with additives, feedstocks and natural gas liquids) into finished oil products. Typical finished products are liquefied petroleum gases, naphtha, motor gasoline, gas oils, aviation fuels and other kerosene, and fuel oils.

- **Charcoal plants** are plants in which wood or other vegetal matter is carbonised through slow pyrolysis to produce charcoal. Charcoal plants are shown separately in the simplified balance format, but they are grouped with “Other transformation” in the detailed balance.

- **Other transformation:** In the detailed balance format, it comprises Charcoal plants, Petrochemical plants and Other transformation processes not elsewhere classified. In the simplified balance format, it comprises all transformation processes other than: Electricity plants, CHP plants, Heat plants and Charcoal plants. **Petrochemical plants** are plants which convert hydrocarbon feedstock into organic chemicals, intermediate compounds and finished products such as plastics, fibres, solvents and surfactants.

Energy industries own use refers to consumption of fuels and energy for the direct support of the production, and preparation for use of fuels and energy. Quantities of fuels which are transformed into other fuels or energy are not included here but within transformation. Neither are quantities which are used for transportation purposes in the energy industry. These quantities are reported within final consumption,

more specifically in Transport. The negative sign is used for entries under this item.

Losses refer to losses during the transmission, distribution and transport of fuels, heat and electricity. Losses also include venting and flaring of manufactured gases, losses of geothermal heat after production and pilferage of fuels or electricity. Production of secondary gases includes quantities subsequently vented or flared. This ensures that a balance can be constructed between the use of the primary fuels from which the gases are derived and the production of the gases. The losses carry a negative sign.

The bottom block - Final consumption

The bottom block of an energy balance - *final consumption* - covers *final energy consumption*, as well as *non-energy use* of energy products. It excludes deliveries of fuel and other energy products for use in transformation processes (covered in the middle block) and the use of energy products for energy needs of the energy industries (also covered in the middle block).

Energy consumers are grouped into three main categories: (i) Manufacturing, construction and non-fuel mining industries, (ii) Transport and (iii) Other, and further disaggregated as applicable.

Final consumption refers to all fuel and energy that is delivered to users for both their energy and non-energy uses which do not involve a transformation process.

Final energy consumption refers to the consumption of primary and secondary energy by Manufacturing, construction and non-fuel mining, by Transport, and by Others (agriculture, forestry and fishing, commerce and public services, households, and other consumers).

Manufacturing, construction and mining refers to final energy consumption by manufacturing, construction and non-fuel mining industries. The final consumption recorded under this category covers the use of energy products for energy purposes by economic units belonging to the industry groups listed below (excluding the use of energy products for transport, which is recorded under Transport in its respective row).

- Iron and steel
- Chemical and petrochemical
- Non-ferrous metals

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- Non-metallic minerals
- Transport equipment
- Machinery
- Mining and quarrying
- Food and tobacco
- Paper, pulp and print
- Wood and wood products (other than pulp and paper)
- Textile and leather
- Construction
- Industries, not elsewhere specified

The breakdown into these groups is available only for the detailed energy balance format.

Transport refers to the consumption of energy products by any economic entity to transport goods or persons between points of departure and destination within the national territory. Quantities of fuels delivered to merchant (including passenger) ships and civil aircraft, of any nationality, for consumption during international voyages transporting goods or passengers are not included here, but in international bunkers.

The category “transport” is subdivided into the following modes of transport:

- Road
- Rail
- Domestic aviation
- Domestic navigation
- Pipeline transport
- Transport not elsewhere specified

In the simplified energy balance format, Rail and Pipeline transport are grouped with Transport not elsewhere specified into the category “Other transport”.

Energy used at compressor and/or pumping stations in pipeline transport (fuels and electricity) within the national territory or equivalent area is included in transport. However, it is recognized that some countries or areas with a large production of oil and gas find it difficult to split between energy for pipeline transport and other fuels consumed in the oil and gas extraction industries.

Other: This group consists of energy consumers not classified in Manufacturing, construction and non-fuel mining industries, and is subdivided into the following subgroups:

- Agriculture, Forestry, Fishing
- Commerce and public services

- Households
- Not elsewhere specified

Fuels used in tractors for the purpose of farming, transport by military vehicles and fishing are not considered, by convention, as fuels for transport purposes and are included here. Fuels and other energy products’ consumption in fishing covers all fishing vessels, including those engaged in deep-sea fishing.

Non-Energy Use consists of the use of energy products as raw materials for the manufacture of products outside the scope of SIEC, as well as for direct uses that do not involve using the products as a source of energy, nor as a transformation input. Examples are lubrication, sealing, preservation, road surfacing, and use as a solvent.

DESCRIPTION OF THE COLUMNS OF THE ENERGY BALANCE

The description of the energy balance columns is done in two parts: first, for both energy balance formats the products grouped under each column are listed; then, the products themselves are defined.

Detailed energy balance format

Column 1 (Primary coal and peat) includes Hard coal, Brown coal, Peat and Oil shale.

Column 2 (Coal and peat products) includes Coal coke, Patent fuel, Brown coal briquettes (BKB), Coal tar, Coke oven gas, Gas works gas, Recovered gases, Other coal products and Peat products.

Column 3 (Primary oil) includes Conventional crude oil, Natural gas liquids (NGL), Additives and oxygenates, and Other hydrocarbons.

Column 4 (Oil products) includes Feedstocks, Refinery gas, Ethane, Liquefied petroleum gases (LPG), Naphtha, Aviation gasoline, Motor gasoline, Gasoline-type jet fuel, Kerosene-type jet fuel, Other kerosene, Gas oil/diesel oil, Fuel oil, White spirit and SBP industrial spirits, Lubricants, Paraffin waxes, Petroleum coke, Bitumen, and Other oil products n.e.c..

Column 5 (Natural gas) includes Natural gas. Other gases (e.g., Biogas, LPG or Manufactured gas) are included only when blended with Natural gas, their

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quantities appearing as outputs of the respective transformation process (or in the transfers row in some cases).

Column 6 (Biofuels and waste) includes Fuelwood, wood residues and by-products, Bagasse, Animal waste, Black liquor, Other vegetal material and residues, Charcoal, Biogasoline, Biodiesels, Bio jet kerosene, Other liquid biofuels, Biogases, Industrial waste, and Municipal waste.

Column 7 (Nuclear) includes Heat from nuclear sources as well as the primary heat equivalent of electricity production from nuclear sources.

Column 8 (Electricity) includes Electricity.

Column 9 (Heat) includes Heat produced for sale and the primary heat equivalent of electricity production from geothermal and solar thermal sources. It also includes direct use of solar thermal heat and geothermal heat.

For columns 7, 8 and 9, see pages viii and ix for the choice of the primary energy for each source and respective notional efficiencies used to back calculate this primary energy from electricity and heat generation. In the case of electricity sources whose primary energy equivalent is displayed under heat and nuclear, the electricity production is secondary and as such shown under transformation (electricity plants or CHP plants). The equivalent primary energy is shown as a transformation input (negative sign) on the same row under the appropriate column.

Nuclear is displayed separately from electricity and heat to distinguish it from the renewable primary energy production from other sources.

Column 10 (Total energy) aggregates columns 1 to 9, summarising, among other flows, Primary energy production, Energy imports and exports, Total energy supply, Transformation losses, and Final consumption.

Column 11 (of which: renewables) distinguishes the part of Total energy that comes from renewable sources as recommended in IRES. From Column 6, it includes Fuelwood, wood residues and by-products, Bagasse, Animal waste, Black liquor, Other vegetal material and residues, Charcoal, Biogasoline, Biodiesels, Bio jet kerosene, Other liquid biofuels, Biogases, and

50% of Municipal waste⁵. It does not include Industrial waste and 50% of Municipal waste. From Column 8, it includes all primary production of Electricity, as well the secondary production when coming from solar thermal and geothermal sources (secondary production is shown in Transformation, according to energy balance conventions). From Column 9, it includes all primary production of Heat, including primary Heat calculated from geothermal and solar thermal electricity production based on notional efficiencies⁶, as well as the direct use of geothermal and solar thermal heat.

Apart from Primary production, figures from Column 11 should be taken with caution. For electricity and heat, by the nature of these energy products, the percentage of renewable imports and exports can rarely be determined. The same happens with consumption/use when the production of electricity and heat from renewable sources is mixed with that from non-renewable sources (for example, if hydroelectricity and electricity from the combustion of coal are distributed through the same network). Because of these practical limitations, no attempt is made at determining the renewable share for these cases. As a result, no part of imports and exports of heat or electricity, nor their consumption, losses or own use, is considered as renewable in Column 11. The exception is Direct use of geothermal heat and solar thermal heat, for which data are available primarily on the consumption side and thus can be distinguished as renewable.

Simplified energy balance format

Column 1 (All coal) is an aggregation of columns 1 and 2 of the detailed format, including Hard coal, Brown coal, Peat, Oil shale, Coal coke, Patent fuel, Brown coal briquettes (BKB), Coal tar, Coke oven gas, Gas works gas, Recovered gases, Other coal products and Peat products.

Column 2 (All oil) is an aggregation of columns 3 and 4 of the detailed format, including Conventional crude oil, Natural gas liquids (NGL), Additives and oxygenates, Other hydrocarbons, Feedstocks, Refinery

⁵ In the absence of details on what percentage of Municipal waste comes from biomass and what percentage does not (which is the criterion to distinguish between renewable and non-renewable Municipal waste defined in IRES), a 50-50 split is used.

⁶ This calculated primary Heat input to electricity production from geothermal and solar thermal sources appears with a positive sign in Primary production and with a negative sign in Transformation, so as to depict its conversion into electricity.

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gas, Ethane, Liquefied petroleum gases (LPG), Naphtha, Aviation gasoline, Motor gasoline, Gasoline-type jet fuel, Kerosene-type jet fuel, Other kerosene, Gas oil/diesel oil, Fuel oil, White spirit and SBP industrial spirits, Lubricants, Paraffin waxes, Petroleum coke, Bitumen, and Other oil products n.e.c..

Column 3 (Natural gas) includes Natural gas. Other gases (e.g., Biogas, LPG or Manufactured gas) are included only when blended with Natural gas, their quantities appearing as outputs of the respective transformation process (or in the transfers row in some cases).

Column 4 (Primary biofuels / Waste) includes Fuelwood, wood residues and by-products, Bagasse, Animal waste, Black liquor, Other vegetal material and residues, Biogasoline, Biodiesels, Bio jet kerosene, Other liquid biofuels, Biogases, Industrial waste, and Municipal waste. It is similar to column 6 of the detailed format, the difference being that it does not include Charcoal (which is a secondary biofuel).

Column 5 (Charcoal) includes Charcoal.

Column 6 (Electricity) is an aggregation of columns 7, 8 and 9 of the detailed balance format, including Heat and Electricity, including from nuclear sources (see the explanation of those columns for reference). The countries and areas chosen to have their balances displayed in the simplified format in general do not have significant heat or nuclear production.

Column 7 (Total energy) aggregates columns 1 to 6, summarising, among other flows, Primary energy production, Energy imports and exports, Total energy supply, Transformation losses, and Final consumption. It includes the same products as column 10 of the detailed format.

Column 8 (of which: renewables) makes an attempt at distinguishing the part of Total energy that comes from renewable sources of energy, as recommended in IRES. It includes the same products as column 11 of the detailed format, as well as the same flows (but in less detail).

Product definitions

Hard coal – coals with a gross calorific value (moist, ash-free basis) which is not less than 24 MJ/kg or which is less than 24 MJ/kg provided that the coal

has a vitrinite mean random reflectance greater than or equal to 0.6 per cent. Hard coal comprises anthracite and bituminous coals.

Brown coal – coals with a gross calorific value (moist, ash-free basis) less than 24 MJ/ kg and a vitrinite mean random reflectance less than 0.6 per cent. Brown coal comprises sub-bituminous coal and lignite.

Peat – a solid fuel formed from the partial decomposition of dead vegetation under conditions of high humidity and limited air access (initial stage of coalification). It is available in two forms for use as a fuel, sod peat and milled peat. Only peat used as fuel is included.

Oil shale – A 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.

Coal coke – This group includes the solid, cellular, infusible material remaining after the carbonisation of certain coals. Various cokes are defined according to the type of coal carbonised and their conditions of carbonisation or use: coke oven coke, gas coke, coke breeze and semi cokes.

Patent fuel – A composition fuel made by moulding hard coal fines into briquette shapes with the addition of a binding agent such as pitch.

Brown coal briquettes (BKB) – A composition fuel made of brown coal produced by briquetting under high pressure with or without the addition of a binding agent. Either sub-bituminous coal or lignite may be used, including dried lignite fines and dust.

Coal tar – The liquid by-product of the carbonization of coal in coke ovens. Coal tar may be separated by distillation into several liquid products which may be used for pharmaceutical or wood preservative purposes.

Other coal products – coal products not elsewhere specified (if any).

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Coke oven gas – A gas produced from coke ovens during the manufacture of coke oven coke.

Gas works gas (and other manufactured gases for distribution) – This includes gases obtained from the carbonisation or gasification of carbonaceous material of fossil or biomass origins in Gas Works. The gases comprise: (a) gases obtained from carbonisation or gasification of coals, cokes, biomass or waste; and (b) substitute natural gas (a methane-rich gas) made from synthesis gas⁷.

Recovered gases – Combustible gases of solid carbonaceous origin recovered from manufacturing and chemical processes of which the principal purpose is other than the production of fuel. This includes gases containing carbon monoxide resulting from the partial oxidation of (a) carbon present as coke acting as a reductant in the process, (b) carbon anodes, or (c) carbon dissolved in iron. Examples are: Blast furnace gas (the by-product gas of blast furnace operation consisting mainly of nitrogen, carbon dioxide and carbon monoxide); Basic oxygen steel furnace gas (the by-product gas of the production of steel in a basic oxygen furnace); and Other recovered gases (combustible gases of solid carbonaceous origin recovered from manufacturing and chemical processes not elsewhere defined, such as from the production of zinc, tin, lead, ferroalloys, phosphorus and silicon carbide).

Other coal products – coal products not elsewhere classified

Peat products – This includes products such as peat briquettes derived directly or indirectly from sod peat and milled peat.

Conventional crude oil – A mineral oil of fossil origin extracted by conventional means from underground reservoirs, and comprises liquid or near-liquid hydrocarbons and associated impurities such as sulphur and metals. Conventional crude oil exists in the liquid phase under normal surface temperature and pressure, and usually flows to the surface under the pressure of the reservoir. This is termed “conventional” extraction. Crude oil includes condensate from condensate fields, and “field” or “lease” condensate extracted with the crude oil.

The various crude oils may be classified according to their sulphur content (“sweet” or “sour”) and API gravity (“heavy” or “light”). There are no rigorous specifications for the classifications but a heavy crude oil may be assumed to have an API gravity of less than 20° and a sweet crude oil may be assumed to have less than 0.5% sulphur content.

Natural gas liquids (NGL) – Natural gas liquids are a mixture of ethane, propane, butane (normal and iso), (iso) pentane and a few higher alkanes collectively referred to as pentanes plus.

NGL are produced in association with oil or natural gas. They are removed in field facilities or gas separation plants before sale of the gas. All of the components of NGL except ethane are either liquid at the surface or are liquefied for disposal.

The definition given above is the most commonly used. However, there is some use of terms based on the vapour pressure of the components which are liquid at the surface or can be easily liquefied. The three resulting groups are in order of increasing vapour pressure: condensates, natural gasoline and liquefied petroleum gas.

NGL may be distilled with crude oil in refineries, blended with refined oil products or used directly. NGL differs from LNG (liquefied natural gas) which is obtained by liquefying natural gas from which the NGL has been removed.

Additives and oxygenates – Compounds added to or blended with oil products to modify their properties (octane, cetane, cold properties, etc.). Examples are: (a) oxygenates such as alcohols (methanol, ethanol) and ethers [MTBE (methyl tertiary butyl ether), ETBE (ethyl tertiary butyl ether), TAME (tertiary amyl methyl ether)]; (b) esters (e.g., rapeseed or dimethylester, etc.); and (c) chemical compounds (such as TML, TEL and detergents). Some additives/oxygenates may be derived from biomass while others may be of fossil hydrocarbon origin.

Other hydrocarbons – This includes non-conventional oils and hydrogen. Non-conventional oils refer to oils obtained by non-conventional production techniques, that is oils which are extracted from reservoirs containing extra heavy oils or oil sands which need heating or treatment (e.g., emulsification) in situ before they can be brought to the surface for

⁷ Synthesis gas is a mixture of mainly hydrogen and carbon monoxide obtained by cracking hydrocarbons with high temperature steam.

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refining/processing. They also include the oils extracted from oil sands, extra heavy oils, coal and oil shale which are at, or can be brought to, the surface without treatment and require processing after mining (ex situ processing). Non-conventional oils may also be produced from natural gas.

The oils may be divided into two groups: (i) oils for transformation (e.g., synthetic crudes extracted from extra heavy oils, oil sands, coal and oil shale); and (ii) oils for direct use (e.g., emulsified oils such as orimulsion and GTL liquids). Oil sands are also known as tar sands. Extra heavy oils are also known as bitumen. This is not the oil product of the same name which is made from vacuum distillation residue. Although not a hydrocarbon, hydrogen is included here unless it is a component of another gas.

Oil products – Products obtained from crude oil, non-conventional oils or gases from oil and gas fields. They may be produced through the refining of conventional crude and non-conventional oils or during the separation of natural gas from gases extracted from oil or gas fields. This category includes Feedstocks, Refinery gas, Ethane, Liquefied petroleum gases (LPG), Naphtha, Aviation gasoline, Motor gasoline, Gasoline-type jet fuel, Kerosene-type jet fuel, Other kerosene, Gas oil/diesel oil, Fuel oil, White spirit and SBP industrial spirits, Lubricants, Paraffin waxes, Petroleum coke, Bitumen, and Other oil products n.e.c.

Feedstocks – This includes refinery feedstocks, i.e. oils or gases from crude oil refining or the processing of hydrocarbons in the petrochemical industry which are destined for further processing in the refinery excluding blending. Typical feedstocks include naphthas, middle distillates, pyrolysis gasoline and heavy oils from vacuum distillation and petrochemical plants.

Refinery gas – Includes 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 or from nearby petrochemical plants. It is used mainly as a fuel within the refinery.

Ethane – A naturally straight-chain hydrocarbon (C_2H_6). Ethane is obtained at gas separation plants or from the refining of crude oil. It is a valuable feedstock for petrochemical manufacture.

Liquefied petroleum gases (LPG) – LPG refers to liquefied propane (C_3H_8) and butane (C_4H_{10}) or mixtures of both. Commercial grades are usually mixtures of the gases with small amounts of propylene, butylene, isobutene and isobutylene stored under pressure in containers.

The mixture of propane and butane used varies according to purpose and season of the year. The gases may be extracted from natural gas at gas separation plants or at plants re-gasifying imported liquefied natural gas. They are also obtained during the refining of crude oil. LPG may be used for heating and as a vehicle fuel.

See also the definition for natural gas liquids. Certain oil field practices also use the term LPG to describe the high vapour pressure components of natural gas liquids.

Naphtha – Light or medium oils distilling between $30^\circ C$ and $210^\circ C$ which do not meet the specification for motor gasoline. Different naphthas are distinguished by their density and the content of paraffins, isoparaffins, olefins, naphthenes and aromatics. The main uses for naphthas are as feedstock for high octane gasolines and the manufacture of olefins in the petrochemical industry.

Aviation gasoline – Gasoline prepared especially for aviation piston engines with additives which assure performance under flight conditions. Aviation gasolines are predominantly alkylates (obtained by combining C_4 and C_5 isoparaffins with C_3 , C_4 and C_5 olefins) with the possible addition of more aromatic components including toluene. The distillation range is $25^\circ C$ to $170^\circ C$.

Motor gasoline – A mixture of some aromatics (e.g., benzene and toluene) and aliphatic hydrocarbons in the C_5 to C_{12} range. The distillation range is $25^\circ C$ to $220^\circ C$.

Additives are blended to improve octane rating, improve combustion performance, reduce oxidation during storage, maintain cleanliness of the engine and improve capture of pollutants by catalytic converters in the exhaust system. Motor gasoline may also contain biogasoline products when blended.

Gasoline-type jet fuel – Light hydrocarbons for use in aviation turbine power units, distilling between $100^\circ C$ and $250^\circ C$. They are obtained by blending

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kerosene and gasoline or naphtha in such a way that the aromatic content does not exceed 25 per cent in volume, and the vapour pressure is between 13.7 kPa and 20.6 kPa. Gasoline-type jet fuel is also known as “aviation turbine fuel”.

Kerosene – Mixtures of hydrocarbons in the range C₉ to C₁₆ and distilling over the temperature interval 145°C to 300°C, but not usually above 250°C and with a flash point above 38°C.

The chemical compositions of kerosenes depend on the nature of the crude oils from which they are derived and the refinery processes that they have undergone. Kerosenes obtained from crude oil by atmospheric distillation are known as straight-run kerosenes. Such streams may be treated by a variety of processes to produce kerosenes that are acceptable for blending as jet fuels. Kerosenes are primarily used as jet fuels. They are also used as domestic heating and cooking fuels, and as solvents. Kerosenes may include components or additives derived from biomass when blended.

Kerosene-type jet fuel – A blend of kerosenes suited to flight conditions with particular specifications, such as freezing point.

The specifications are set down by a small number of national standards committees, most notably ASTM (U.S.), MOD (UK), GOST (Russia).

Other kerosene – Kerosene which is used for heating, cooking, lighting, solvents and internal combustion engines. Other names for this product are burning oil, vaporizing oil, power kerosene and illuminating oil.

Gas oil/diesel oil – Gas oils are middle distillates, predominantly of carbon number range C₁₁ to C₂₅ and with a distillation range of 160°C to 420°C. The principal marketed products are fuels for diesel engines (diesel oil), heating oils and marine fuel. Gas oils are also used as middle distillate feedstock for the petrochemical industry and as solvents. Also included here is heavy gasoil, which is a mixture of predominantly gas oil and fuel oil which distills in the range of approximately 380°C to 540°C.

Fuel oil – Comprises residual fuel oil and heavy fuel oil. Residual fuel oils have a distillation range of 350°C to 650°C and a kinematic viscosity in the range 6

to 55 cSt at 100°C. Their flash point is always above 60°C and their specific gravity is above 0.95. Heavy fuel oil is a general term describing a blended product based on the residues from various refinery processes. Other names commonly used to describe fuel oil include: bunker fuel, bunker C, fuel oil No. 6, industrial fuel oil, marine fuel oil and black oil.

Residual and heavy fuel oil are used in medium to large industrial plants, marine applications and power stations in combustion equipment such as boilers, furnaces and diesel engines. Residual fuel oil is also used as fuel within the refinery.

White spirit and SBP industrial spirits – White spirit and special boiling point industrial spirits (SBP) are refined distillate intermediates with a distillation in the naphtha/kerosene range. They are mainly used for non-fuel purposes and sub-divided as: (a) white spirit - an industrial spirit with a flash point above 30°C and a distillation range of 135°C to 200°C; and (b) industrial spirit (SBP) - light oils distilling between 30°C and 200°C.

There are 7 or 8 grades of industrial spirits, depending on the position of the cut in the distillation range. The grades are defined according to the temperature difference between the 5 per cent and 90 per cent volume distillation points (which is not more than 60°C). White spirit and Industrial spirits are mostly used as thinners and solvents.

Lubricants – Oils, produced from crude oil, for which the principal use is to reduce friction between sliding surfaces and during metal cutting operations.

Lubricant base stocks are obtained from vacuum distillates which result from further distillation of the residue from atmospheric distillation of crude oil. The lubricant base stocks are then further processed to produce lubricants with the desired properties.

Paraffin waxes – Residues extracted when dewaxing lubricant oils. The waxes have a crystalline structure which varies in fineness according to the grade, and are colourless, odourless and translucent, with a melting point above 45°C.

Petroleum coke – Petroleum coke is a black solid obtained mainly by cracking and carbonizing heavy hydrocarbon oils, tars and pitches. It consists mainly of carbon (90 to 95 per cent) and has a low ash content.

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The two most important categories are "green coke" and "calcined coke".

Green coke (raw coke) is the primary solid carbonization product from high boiling hydrocarbon fractions obtained at temperatures below 630°C. It contains 4-15 per cent by weight of matter that can be released as volatiles during subsequent heat treatment at temperatures up to approximately 1330°C.

Calcined coke is a petroleum coke or coal-derived pitch coke obtained by heat treatment of green coke to about 1330°C. It will normally have a hydrogen content of less than 0.1 per cent by weight.

In many catalytic operations (e.g., catalytic cracking) carbon or catalytic coke is deposited on the catalyst, thus deactivating it. The catalyst is reactivated by burning off the coke which is used as a fuel in the refining process. The coke is not recoverable in a concentrated form.

Bitumen – A solid, semi-solid or viscous hydrocarbon with a colloidal structure, being brown to black in colour. It is obtained as a residue in the distillation of crude oil and by vacuum distillation of oil residues from atmospheric distillation. It should not be confused with the non-conventional primary extra heavy oils which may also be referred to as bitumen.

In addition to its major use for road pavements, bitumen is also used as an adhesive, a waterproofing agent for roof coverings and as a binder in the manufacture of patent fuel. It may also be used for electricity generation in specially designed power plants.

Bitumen is also known in some countries as asphalt but in others asphalt describes the mixture of bitumen and stone aggregate used for road pavements.

Other oil products n.e.c. – Products (including partly refined products) from the refining of crude oil and feedstocks which are not specified above. These products will include basic chemicals and organic chemicals destined for use within the refinery or for sale to or processing in the chemical industry such as propylene, benzene, toluene and xylene.

Natural gas – A mixture of gaseous hydrocarbons, primarily methane, but generally also including ethane, propane and higher hydrocarbons in much smaller amounts and some non-combustible gases such as nitrogen and carbon dioxide.

The majority of natural gas is separated from both "non-associated" gas originating from fields producing hydrocarbons only in gaseous form, and "associated" gas produced in association with crude oil.

The separation process produces natural gas by removing or reducing the hydrocarbons other than methane to levels which are acceptable in the marketable gas. The natural gas liquids (NGL) removed in the process are distributed separately.

Natural gas also includes methane recovered from coal mines (colliery gas) or from coal seams (coal seam gas) and shale gas. When distributed it may also contain methane from anaerobic fermentation or the methanation of biomass.

Natural gas may be liquefied (LNG) by reducing its temperature in order to simplify storage and transportation when production sites are remote from centres of consumption and pipeline transportation is not economically practicable.

Biofuels – Fuels derived directly or indirectly from biomass. Fuels produced from animal fats, by-products and residues obtain their calorific value indirectly from the plants eaten by the animals.

Solid biofuels – Solid fuels derived from biomass.

Fuelwood, 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.

Bagasse – The fuel obtained from the fibre which remains after juice extraction in sugar cane processing. It is often used as a fuel within the sugar milling industry.

Animal waste – 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.

Black liquor – The alkaline-spent liquor obtained from the digesters during the production of sulphate or soda pulp required for paper manufacture. The lignin

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contained in the liquor burns to release heat when the concentrated liquor is sprayed into a recovery furnace and heated with hot gases at 900°C. Black liquor is used as a fuel in the pulping process.

Other vegetal material and residues – Refers to solid primary biofuels not specified elsewhere, including straw, vegetable husks, ground nut shells, pruning brushwood, olive pomace and other wastes arising from the maintenance, cropping and processing of plants.

Charcoal – The solid residue from the carbonisation of wood or other vegetal matter through slow pyrolysis.

Liquid biofuels – Liquids derived from biomass and used as fuels. Liquid biofuels comprise biogasoline, biodiesels, bio jet kerosene and other liquid biofuels. They are used for transport, electricity generation and stationary engines.

Biogasoline – Liquid fuels derived from biomass and used in spark-ignition internal combustion engines.

Common examples are: bioethanol (including both hydrous and anhydrous ethanol); biomethanol; biobutanol; bio ETBE (ethyl-tertio-butyl-ether); and bio MTBE (methyl-tertio-butyl-ether). Biogasoline may be blended with petroleum gasoline or used directly in engines. The blending may take place in refineries or at or near the point of sale.

Biodiesels – Liquid biofuels derived from biomass and used in diesel engines.

Biodiesels obtained by chemical modification are a linear alkyl ester made by transesterification of vegetable oils or animal fats with methanol. The transesterification distinguishes biodiesel from straight vegetable and waste oils. Biodiesel has a flash point of around 150°C and a density of about 0.88 kg/litre. Biological sources of biodiesel include, but are not limited to, vegetable oils made from canola (rapeseed), soybeans, corn, oil palm, peanut or sunflower. Some liquid biofuels (straight vegetable oils) may be used without chemical modification and their use usually requires modification of the engine.

A further category of diesel fuels can be produced by a range of thermal processes (including for example gasification followed by Fischer Tropsch synthesis, pyrolysis followed by hydrogenation, or

conversion of sugar to hydrocarbons using microorganisms (e.g. yeast)). A wide range of biomass feedstocks, including cellulosic materials and algal biomass could be used in such processes.

Biodiesels may be blended with petroleum diesel or used directly in diesel engines.

Bio jet kerosene – Liquid biofuels derived from biomass and blended with or replacing jet kerosene. Bio jet kerosene can be produced by a range of thermal processes (including for example gasification followed by Fischer-Tropsch synthesis, pyrolysis followed by hydrogenation, or conversion of sugar to hydrocarbons using microorganisms (e.g. yeast)). A wide range of biomass feedstocks, including cellulosic materials and algal biomass could be used in such processes.

Other liquid biofuels – Includes liquid biofuels not elsewhere specified.

Biogases – Gases arising from the anaerobic fermentation of biomass and the gasification of solid biomass (including biomass in wastes).

The biogases from anaerobic fermentation are composed principally of methane and carbon dioxide and comprise landfill gas, sewage sludge gas and other biogases from anaerobic fermentation.

Biogases can also be produced from thermal processes (by gasification or pyrolysis) of biomass and are mixtures containing hydrogen and carbon monoxide (usually known as syngas) along with other components. These gases may be further processed to modify their composition and can be further processed to produce substitute natural gas.

The gases are divided into two groups according to their production: biogases from anaerobic fermentation and biogases from thermal processes.

Biogases are used mainly as a fuel but can be used as a chemical feedstock.

Industrial waste – Non-renewable waste which is combusted with heat recovery in plants other than those used for the incineration of municipal waste.

Examples are used tires, specific residues from the chemical industry and hazardous wastes from health care. Combustion includes co-firing with other fuels.

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The renewable portions of waste of industrial origin which are combusted with heat recovery are classified according to the biofuels which best describe them.

Municipal waste – Household waste and waste from companies and public services that resembles household waste and which is collected at installations specifically designed for the disposal of mixed wastes with recovery of combustible liquids, gases or heat.

Municipal wastes can be divided into renewable and non-renewable fractions.

Nuclear – refers to heat obtained from nuclear reactions, whether to produce Heat or Electricity as an energy product. If the output is Electricity, Nuclear refers to the theoretical primary heat input assuming a 33% efficiency from converting such primary nuclear heat into the secondary nuclear electricity. As such, the corresponding conversion is reflected in the transformation rows of the balance.

Electricity – The transfer of energy through the physical phenomena involving electric charges and their effects when at rest and in motion.

Electricity can be generated through different processes such as: the conversion of energy contained in falling or streaming water, wind or waves; the direct conversion of solar radiation through photovoltaic processes in semiconductor devices (solar cells); or by the combustion of fuels.

Electricity production in the energy balances refers to gross production, which is the sum of the electrical energy production by all the generating units/installations concerned (but excluding from pumped storage) measured at the output terminals of the main generators.

Primary electricity refers to electrical energy from hydro, solar photovoltaics, wind, tide, wave and ocean sources. Electricity production from these sources appears in the row Primary production.

Secondary electricity is defined as electricity derived from a product already accounted for within energy statistics. This includes electricity generated from combustible fuels, in addition to electricity coming from solar heat, nuclear heat, geothermal heat and heat from chemical sources. Electricity production from these sources appears in the same Transformation rows (Electricity Plants, CHP plants) as the transformation inputs (combustible fuels, nuclear heat or other types of heat).

Heat – The energy obtained from the translational, rotational and vibrational motion of the constituents of matter, as well as changes in its physical state.

Heat can be produced by different production processes, both primary and secondary. It is usually sold in the form of steam or hot water, and for the purposes of energy statistics it is important to note that heat only represents quantities of energy for sale (or generated and consumed directly by direct use of solar thermal or geothermal). This means that any quantities “generated” at an end-use site (for example through the combustion of coal to power a boiler, or an electric filament heating a kettle) are not considered within the scope of heat production.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols have been used in the publication:

cSt	centistoke
°C	degree Celsius
GCV	Gross Calorific Value
GJ	gigajoule (10^9 joules)
GWh	gigawatt-hour (10^6 kWh)
IRES	International Recommendations for Energy Statistics
kcal	kilocalorie
kg	kilogramme
kg/cm ²	kilogramme per square centimetre
kJ	kilojoule (10^3 joules)
kWh	kilowatt-hour
LPG	liquefied petroleum gas
mg/g	milligramme per gramme
MJ	megajoule (10^6 joules)
m ³	cubic metre.
NCV	Net Calorific Value
NGL	natural gas liquids
PJ	Petajoule (10^{15} joules)
SBP	Special Boiling Point
t	metric ton
TJ	terajoule (10^{12} joules)
*	estimate by the United Nations Statistics Division
..	data not applicable or not available

CONVERSION FACTORS

The data which have been supplied by the countries in original units are converted to the common unit, terajoules (TJ), by using standard conversion factors or, in the case of solids, specific factors, where available, as indicated below.

Specific factors are displayed for production and for imports. The ones for production are also used for exports and stock changes. All the other flows use a conversion factor which is a weighted average between both. Where no specific factor is listed for a particular country, the standard factor is used to convert all data.

Standard conversion factors for liquid fuels are determined on the basis of the net calorific value for each product.

The conversion of fuelwood (solid volume, 9.135 GJ/m³) is based on an average 20-30% moisture content. When data on the transformation of fuelwood into charcoal are incomplete, estimations assume that it requires 6 cubic metres of fuelwood to produce 1 metric ton of charcoal, equivalent to an approximately 53% transformation efficiency on an energy basis

For users wishing to convert the data from terajoules (TJ) to other common units: one thousand tons of coal equivalent (1,000 TCE) has traditionally been defined as comprising 29.3076 TJ, and one thousand tons of oil equivalent (1,000 TOE) as 42.6216 TJ. One calorie corresponds to 4.1868 joules and is the amount of energy which will raise the temperature of one gramme of water by one degree Celsius.

STANDARD NET CALORIFIC VALUES

(Terajoules per thousand metric tons, unless otherwise stated)

Hard coal	25.80
Brown coal	14.00
Peat	9.76
Oil shale	8.90
Coal coke	28.20
Patent fuel	20.70
Brown coal briquettes (BKB)	20.70
Coal tar	28.00
Coke-oven gas (original unit is TJ)	1.00
Gasworks gas (original unit is TJ)	1.00
Recovered gases (original unit is TJ)	1.00
Other coal products	20.00
Peat products	9.76
Conventional crude oil	42.30
Natural gas liquids	44.20
Additives and Oxygenates	30.00
Other hydrocarbons	36.00
Feedstocks	43.00
Refinery gas	49.50
Ethane	46.40
Liquefied petroleum gas	47.30
Naphtha	44.50
Aviation gasoline	44.30
Motor gasoline	44.30
Gasoline-type jet fuel	44.30
Kerosene-type jet fuel	44.10
Other kerosene	43.80
Gas-diesel oil	43.00
Fuel oil	40.40
White spirit and SBP industrial spirits	40.20
Lubricants	40.20
Paraffin waxes	40.20
Petroleum coke	32.50
Bitumen (asphalt)	40.20
Other oil products	40.20
Natural gas (original unit is TJ on a GCV basis)	0.90
Fuelwood, wood residues and by-products (10 ³ m ³)	9.14
Bagasse	7.72
Animal waste (original unit is TJ)	1.00
Black liquor (original unit is TJ)	1.00
Other vegetal material and residues (original unit is TJ)	1.00
Biogasoline	26.80
Biodiesels	36.80
Bio jet kerosene	40.00
Other liquid biofuels	27.40
Biogases (original unit is TJ)	1.00

STANDARD NET CALORIFIC VALUES (continued)

(Terajoules per thousand metric tons, unless otherwise stated)

Industrial wastes (original unit is TJ)	1.00
Municipal wastes (original unit is TJ)	1.00
Charcoal	29.50
Nuclear heat (original unit is TJ)	1.00
Electricity (GWh)	3.60
Heat (original unit is TJ)	1.00

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

PRODUCTION, EXPORTS AND CHANGES IN STOCKS

HARD COAL	2015	2016
Standard factor	25.8	25.8
Australia	27.0	27.0
Bangladesh	20.9	20.9
Botswana	23.6	23.6
Brazil	18.6	18.6
Bulgaria	27.8	28.0
Canada	25.0	25.0
Chile	27.8	16.8
China	20.4	20.4
Colombia	27.2	27.2
Czechia	27.0	27.5
Egypt	25.7	25.7
France	27.4	27.6
Georgia	25.3	25.2
Germany	30.0	29.1
India	16.7	16.5
Indonesia	25.8	25.9
Iran (Islamic Republic of)	27.8	27.8
Italy	26.6	25.9
Kazakhstan	18.6	18.6
Korea, Democratic People's Republic of	26.5	26.5
Korea, Republic of	18.6	18.6
Kyrgyzstan	18.6	18.6
Malaysia	26.4	26.4
Mexico	29.2	29.3
Mongolia	28.3	28.3
Mozambique	27.3	27.0
New Zealand	30.1	30.2
Niger	16.0	16.0
Norway	28.1	28.1
Pakistan	18.8	18.8
Peru	28.3	27.3
Poland	24.0	24.0
Russian Federation	26.2	26.1
South Africa	23.7	23.7
Spain	19.8	19.6
Sri Lanka	29.3	29.3
Tajikistan	18.6	18.6
Turkey	25.5	24.2
Ukraine	23.9	24.1
United Kingdom	24.9	25.1
United States	26.9	27.0
Uzbekistan	18.6	18.6
Viet Nam	23.4	23.4
Venezuela (Bolivarian Republic of)	30.6	30.6
Zambia	24.7	24.7
Zimbabwe	27.0	27.0

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

PRODUCTION, EXPORTS AND CHANGES IN STOCKS

BROWN COAL	2015	2016
Standard factor	14.0	14.0
Albania	9.8	9.8
Australia	12.0	12.4
Bosnia and Herzegovina	10.1	10.8
Bulgaria	6.8	6.8
Canada	16.9	16.7
Czechia	12.6	12.5
Georgia	17.0	17.0
Germany	9.0	9.0
Greece	5.1	5.1
Hungary	6.9	6.6
India	9.5	9.5
Indonesia	21.1	21.1
Kazakhstan	14.7	14.7
Korea, Democratic People's Republic of	17.6	17.6
Kyrgyzstan	14.7	14.7
Mexico	20.0	19.8
Mongolia	14.4	14.4
Montenegro	9.2	9.2
New Zealand	19.6	19.2
Philippines	22.1	22.1
Poland	8.2	8.1
Romania	7.9	7.7
Russian Federation	14.9	14.9
Serbia	8.0	7.8
Slovakia	10.7	13.8
Slovenia	11.4	10.2
Spain	13.4	13.5
Tajikistan	14.7	14.7
Thailand	10.7	10.6
T.F. Yugoslav Republic of Macedonia	6.2	6.1
Turkey	8.8	8.6
United States	18.3	18.1
Uzbekistan	14.7	14.7
COKE OVEN COKE	2015	2016
Standard factor	28.2	28.2
Argentina	28.5	28.5
Australia	27.0	27.0
Austria	28.6	28.9
Belgium	29.3	29.3
Bosnia and Herzegovina	28.5	28.5
Brazil	30.5	30.5

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

PRODUCTION, EXPORTS AND CHANGES IN STOCKS

COKE OVEN COKE	2015	2016
Canada	27.5	27.5
Chile	29.3	30.1
China	28.4	28.5
Colombia	20.1	20.1
Czechia	28.5	28.7
Egypt	27.2	27.2
Estonia	28.5	28.5
Finland	29.3	29.3
France	28.0	28.0
Germany	28.7	28.7
Hungary	29.8	29.9
Italy	29.0	29.0
Japan	29.2	29.2
Kazakhstan	25.1	25.1
Korea, Republic of	28.9	28.9
Mexico	28.7	28.4
Netherlands	28.5	28.5
New Zealand	29.5	29.5
Poland	28.0	28.0
Russian Federation	29.0	29.0
Slovakia	28.2	28.3
South Africa	26.5	26.5
Spain	26.8	26.8
Sweden	28.1	28.1
Turkey	27.2	27.0
Ukraine	25.1	25.1
United Kingdom	29.8	29.8
United States	28.9	28.9
Zimbabwe	25.1	25.1
PATENT FUEL	2015	2016
Standard factor	20.7	20.7
France	32.0	32.0
Germany	31.4	31.4
Hungary	22.0	22.0
Korea, Republic of	18.6	18.6
Poland	23.8	23.2
United Kingdom	28.3	28.3
BROWN COAL BRIQUETTES	2015	2016
Standard factor	20.7	20.7
Australia	21.0	21.0
Belgium	20.7	20.7
Bulgaria	13.4	11.6

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

PRODUCTION, EXPORTS AND CHANGES IN STOCKS

BROWN COAL BRIQUETTES	2015	2016
Czechia	19.8	23.4
Germany	21.2	21.4
Serbia	17.7	17.7
PEAT	2015	2016
Standard factor	9.8	9.8
Austria	8.8	8.8
Belarus	10.1	10.0
Burundi	14.7	14.7
Estonia	10.7	10.7
Falkland Islands (Malvinas)	9.5	9.5
Finland	10.1	10.0
Ireland	9.0	8.9
Lithuania	11.7	11.7
Russian Federation	10.0	10.0
Sweden	12.5	12.5
Ukraine	9.7	9.7
OIL SHALE	2015	2016
Standard factor	8.9	8.9
Israel	4.0	4.0

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS

HARD COAL	2015	2016
Albania	25.2	25.2
Argentina	28.9	28.4
Australia	27.8	27.6
Austria	28.3	28.1
Bangladesh	20.9	20.9
Belarus	25.6	25.2
Belgium	27.8	27.8
Bosnia and Herzegovina	30.7	29.1
Brazil	30.5	30.5
Bulgaria	27.8	28.0
Canada	28.0	28.0
Chile	24.0	23.9
China	17.9	17.9
China, Hong Kong SAR	26.4	26.4
Croatia	25.1	25.1
Czechia	25.5	26.1
Denmark	22.9	23.3
Egypt	25.7	25.7
Estonia	27.2	27.2
Finland	26.4	26.7
France	27.4	27.6
Georgia	25.3	25.2
Germany	27.1	27.5
Greece	25.9	25.5
Hungary	29.6	31.1
Iceland	28.1	28.1
India	26.3	26.5
Indonesia	28.2	28.2
Iran (Islamic Republic of)	28.1	28.1
Ireland	25.7	25.1
Israel	25.0	24.9
Italy	26.1	25.9
Japan	25.6	25.5
Jordan	26.7	26.7
Kazakhstan	18.6	18.6
Korea, Democratic People's Republic of	25.8	25.8
Korea, Republic of	25.5	25.5
Kyrgyzstan	20.7	20.8
Latvia	23.9	23.8
Lebanon	27.7	27.7
Lithuania	25.1	25.1
Luxembourg	24.7	24.7
Malaysia	26.4	26.4
Mauritius	25.8	25.8
Mexico	26.7	26.1
Moldova, Republic of	23.9	23.9
Morocco	27.6	27.6

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS		
HARD COAL	2015	2016
Namibia	22.7	22.7
Nepal	25.1	25.1
Netherlands	25.0	25.3
New Caledonia	26.0	26.0
New Zealand	28.1	26.0
Norway	28.1	28.1
Pakistan	27.6	27.6
Peru	30.5	30.5
Poland	24.8	24.6
Portugal	24.7	24.7
Romania	25.8	25.7
Russian Federation	25.4	25.3
Serbia	25.7	25.7
Senegal	25.9	25.9
Slovakia	28.9	29.0
Slovenia	27.0	27.3
South Africa	31.0	31.0
Spain	24.0	24.1
Sri Lanka	29.3	29.3
Sweden	28.9	29.1
Switzerland	25.5	25.5
T.F. Yugoslav Republic of Macedonia	26.1	26.1
Tajikistan	18.6	18.6
Thailand	26.4	26.4
Turkey	26.7	26.8
Ukraine	25.0	25.8
United Arab Emirates	27.8	27.7
United Kingdom	26.2	26.9
United States	25.6	24.9
Viet Nam	23.4	23.4
Zambia	24.7	24.7
Zimbabwe	27.0	27.0
BROWN COAL	2015	2016
Albania	9.8	9.8
Austria	20.6	20.5
Bangladesh	11.9	11.9
Bosnia and Herzegovina	10.1	10.8
Cambodia	19.9	19.9
Canada	17.9	17.9

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS

BROWN COAL	2015	2016
Croatia	16.0	16.9
Czechia	10.7	13.9
France	17.0	17.0
Germany	18.7	18.4
Greece	5.1	5.1
Hungary	18.4	18.2
Israel	20.8	20.8
Italy	18.8	18.7
Kazakhstan	14.7	14.7
Korea, Republic of	21.4	21.4
Mexico	18.6	19.0
Montenegro	9.2	9.2
Netherlands	20.0	20.0
New Zealand	20.6	20.3
Philippines	22.1	21.6
Poland	8.2	8.1
Romania	19.3	20.8
Russian Federation	14.9	14.9
Serbia	8.1	8.1
Slovakia	14.9	13.8
Slovenia	18.6	13.8
Switzerland	23.6	23.6
T.F. Yugoslav Republic of Macedonia	18.2	20.8
Ukraine	10.0	10.0
United States	19.7	19.7
COKE OVEN COKE	2015	2016
Australia	27.0	27.0
Austria	28.6	28.9
Belarus	29.0	29.0
Belgium	29.3	29.3
Brazil	30.5	30.5
Bulgaria	28.5	28.5
Canada	27.5	27.5
Croatia	29.3	29.3
Czechia	26.2	28.1
Denmark	29.3	29.3
Egypt	27.2	27.2
Finland	29.3	29.3
France	28.0	28.0
Georgia	29.3	29.3
Germany	28.7	28.7
Hungary	29.6	29.9
Iceland	26.7	26.7
Italy	29.0	28.4

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS		
	2015	2016
COKE OVEN COKE		
Japan	29.2	29.2
Kazakhstan	25.1	25.1
Korea, Republic of	28.9	28.9
Lithuania	29.3	29.3
Mexico	27.8	28.4
Netherlands	28.5	28.5
Norway	28.5	28.5
Peru	28.2	28.2
Poland	28.0	28.0
Romania	26.4	26.4
Russian Federation	29.0	29.0
Serbia	29.0	29.0
Slovakia	27.3	26.5
Slovenia	30.1	30.0
Spain	26.8	26.8
Sweden	28.1	28.1
Switzerland	25.5	25.5
Turkey	27.2	27.0
Ukraine	25.1	25.1
United Kingdom	29.8	29.8
United States	28.9	28.9
PATENT FUEL		
Austria	31.0	31.0
Belgium	30.5	30.5
France	32.0	32.0
Germany	31.4	31.4
Luxembourg	28.2	28.2
Poland	23.2	23.2
Slovakia	28.0	28.0
United Kingdom	28.3	28.3
BROWN COAL BRIQUETTES		
Austria	19.8	19.8
Belgium	20.7	20.7
Czechia	19.8	20.0
France	16.9	16.9
Germany	25.5	22.1
Hungary	19.1	19.0
Ireland	19.8	19.8
Luxembourg	22.2	22.2
Netherlands	20.0	20.0

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS

BROWN COAL BRIQUETTES	2015	2016
Poland	17.5	17.5
Serbia	15.8	15.8
Slovakia	17.9	17.2
PEAT	2015	2016
Finland	10.1	10.0
Romania	8.8	8.8
Russian Federation	10.0	10.0
Sweden	12.9	12.9
Ukraine	9.7	9.7

ENERGY BALANCES

Afghanistan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	35212	..	..	..	5134	16368	..	*3202	..	59916	19570
Imports	..	*5643	..	68673	..	1	..	13604	..	87921	1
Exports	..	*-1500	..	..	..	0	..	..	..	*-1500	0
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	*-437	..	..	..	..	..	*-437	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	35212	*4143	..	68236	5134	16369	..	16806	..	145900	19571
Statistical difference	0	0	..	0	0	0	..	*953	..	953	3202
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	*-3091	*1500	..	*-685	..	*-3278	..	*519	..	*-5035	*-3278
Electricity plants	*-1264	..	..	*-685	..	..	..	*519	..	*-1430	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	*-1827	*1500	..	..	..	..	..	..	..	*-326	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	*-3278	..	..	..	*-3278	*-3278
Energy industries own use	..	..	..	..	..	..	..	*-216	..	*-216	..
Losses	..	..	..	..	..	..	..	*-2160	..	*-2160	..
Final consumption	*32121	*5643	..	*67551	*5134	*13091	..	*13996	..	*137536	*13091
Final energy consumption	*32121	*5643	..	*66891	*5134	*13091	..	*13996	..	*136876	*13091
Manufacturing, const., mining	*32121	*5643	..	..	*5134	..	..	*3240	..	*46138	..
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	*32121	*5643	..	..	*5134	..	..	*3240	..	*46138	..
Transport	..	..	..	*66637	..	..	..	..	..	*66637	..
Road	..	..	..	*64146	..	..	..	..	..	*64146	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	*2492	..	..	..	..	..	*2492	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	254	..	*13091	..	*10756	..	*24101	*13091
Agriculture, forestry, fishing	..	..	..	..	..	..	..	*399	..	*399	..
Commerce, public services	..	..	..	..	..	..	..	*1140	..	*1140	..
Households	..	..	..	254	..	*13091	..	*7993	..	*21337	*13091
Other consumers	..	..	..	..	..	..	..	*1225	..	*1225	..
Non-energy use	..	..	..	*659	..	..	..	..	..	*659	..

Afghanistan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	43814	..	..	..	5805	16660	..	*3336	..	69615	19996
Imports	..	*5643	..	53854	..	10	..	15839	..	75346	10
Exports	..	*-1867	..	..	..	0	..	..	..	*-1867	0
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	*-441	..	..	..	..	..	*-441	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	43814	*3776	..	53413	5805	16671	..	19175	..	142653	20006
Statistical difference	0	0	..	0	0	0	..	*1583	..	1583	3336
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	*-3563	*1867	..	*-900	..	*-3370	..	*539	..	*-5427	*-3370
Electricity plants	*-1290	..	..	*-900	..	..	..	*539	..	*-1651	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	*-2273	*1867	..	..	..	..	..	..	..	*-406	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	*-3370	..	..	..	*-3370	*-3370
Energy industries own use	..	..	..	..	..	..	..	*-252	..	*-252	..
Losses	..	..	..	..	..	..	..	-2160	..	-2160	..
Final consumption	*40251	*5643	..	*52512	*5805	*13301	..	*15719	..	*133231	*13301
Final energy consumption	*40251	*5643	..	*48627	*5805	*13301	..	*15719	..	*129346	*13301
Manufacturing, const., mining	*40251	*5643	..	..	*5805	..	..	*3240	..	*54939	..
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	*40251	*5643	..	..	*5805	..	..	*3240	..	*54939	..
Transport	..	..	..	*48211	..	..	..	..	..	*48211	..
Road	..	..	..	*45724	..	..	..	..	..	*45724	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	*2487	..	..	..	..	..	*2487	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	416	..	*13301	..	*12479	..	*26196	*13301
Agriculture, forestry, fishing	..	..	..	..	..	..	..	*383	..	*383	..
Commerce, public services	..	..	..	..	..	..	..	*1093	..	*1093	..
Households	..	..	..	416	..	*13301	..	*9828	..	*23545	*13301
Other consumers	..	..	..	..	..	..	..	*1175	..	*1175	..
Non-energy use	..	..	..	*3885	..	..	..	..	..	*3885	..

Albania

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	2389	..	54102	..	1146	8960	..	21222	493	88312	30675
Imports	..	0	..	51715	..	1309	..	8478	..	61502	1309
Exports	-41750	-6997	..	-463	..	-3442	..	-52651	-463
International marine bunkers	-860	..	..	..	..	..	-860	..
International aviation bunkers	-88	..	..	..	..	..	-88	..
Stock changes	-677	-4947	..	..	..	..	..	-5624	..
Total energy supply	2389	0	11675	38823	1146	9806	..	26258	493	90591	31521
Statistical difference	0	0	0	35	0	0	..	0	0	35	21222
Transfers
Transformation	-11675	11218	..	..	..	..	*225	-232	..
Electricity plants
CHP plants
Heat plants	*-594	..	..	..	..	*225	*-369	..
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-11675	11812	..	..	..	..	..	137	..
Other transformation
Energy industries own use	-584	-679	..	..	-529	*-57	-1849	..
Losses	-4500	..	-4500	..
Final consumption	2389	0	..	49422	467	9806	..	21229	661	83974	10299
Final energy consumption	2389	0	..	46246	467	9806	..	21229	661	80798	10299
Manufacturing, const., mining	2389	0	..	3363	467	419	..	4482	*168	11288	419
Iron and steel	141	..	..	..	634	..	774	..
Chemical and petrochemical	308	..	..	..	324	..	632	..
Non-ferrous metals	320	..	320	..
Non-metallic minerals	2389	..	..	1528	..	..	..	349	..	4266	..
Transport equipment
Machinery
Mining and quarrying	385	..	385	..
Food and tobacco	652	355	..	..	1026	*168	2200	..
Paper, pulp and printing	43	..	..	..	421	..	464	..
Wood and wood products	40	..	40	..
Textile and leather	40	..	..	..	511	..	551	..
Construction	43	..	..	..	331	..	374	..
Industries n.e.s	0	0	..	609	113	419	..	140	0	1281	419
Transport	33576	..	1251	..	..	..	34827	1251
Road	32066	..	1251	..	..	..	33317	1251
Rail	86	..	..	..	..	..	86	..
Domestic aviation	0	..	..	..	..	..	0	..
Domestic navigation	1424	..	..	..	..	..	1424	..
Pipeline transport
Transport, n.e.s
Other	..	0	..	9307	..	8136	..	16747	493	34683	8629
Agriculture, forestry, fishing	3498	..	502	..	317	..	4317	502
Commerce, public services	..	0	..	1977	..	935	..	4943	226	8081	1161
Households	..	0	..	3831	..	6699	..	11488	267	22285	6966
Other consumers
Non-energy use	3176	..	..	..	..	..	3176	..

Albania

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	138	..	44669	..	2977	7787	..	25689	504	81764	33980
Imports	..	0	..	51952	..	3520	..	6576	..	62048	3520
Exports	-37562	-718	..	-60	..	-6727	..	-45067	-60
International marine bunkers	-1462	..	..	..	..	..	-1462	..
International aviation bunkers	-265	..	..	..	..	..	-265	..
Stock changes	677	-5622	..	..	..	..	..	-4945	..
Total energy supply	138	0	7783	43886	2977	11247	..	25539	504	92074	37440
Statistical difference	0	0	0	-43	0	0	..	-462	0	-505	25689
Transfers
Transformation	-7783	7075	..	..	..	..	*113	-595	..
Electricity plants
CHP plants
Heat plants	*-297	..	..	..	..	*113	*-184	..
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-7783	7372	..	..	..	..	..	-411	..
Other transformation
Energy industries own use	-738	-1044	..	..	-508	*-40	-2330	..
Losses	-7149	..	-7149	..
Final consumption	138	0	..	50267	*1933	11247	..	18343	577	82505	11751
Final energy consumption	138	0	..	45805	*1933	11247	..	18343	577	78043	11751
Manufacturing, const., mining	138	0	..	4591	*1933	419	..	4579	73	11734	419
Iron and steel	181	..	..	..	648	..	829	..
Chemical and petrochemical	223	..	..	..	331	..	554	..
Non-ferrous metals	328	..	328	..
Non-metallic minerals	138	..	..	2686	..	..	..	356	..	3181	..
Transport equipment
Machinery
Mining and quarrying	362	..	..	..	392	..	754	..
Food and tobacco	333	*1417	..	..	1048	*73	*2870	..
Paper, pulp and printing	0	..	..	..	432	..	432	..
Wood and wood products	40	..	40	..
Textile and leather	83	..	..	..	522	..	605	..
Construction	83	..	..	..	338	..	422	..
Industries n.e.s	0	0	..	640	*516	419	..	144	0	1719	419
Transport	31544	..	3386	..	..	..	34930	3386
Road	29990	..	3386	..	..	..	33376	3386
Rail	86	..	..	..	..	..	86	..
Domestic aviation	44	..	..	..	..	..	44	..
Domestic navigation	1424	..	..	..	..	..	1424	..
Pipeline transport
Transport, n.e.s
Other	..	0	..	9669	..	7442	..	13764	504	31379	7946
Agriculture, forestry, fishing	3625	..	501	..	295	..	4421	501
Commerce, public services	..	0	..	2024	..	703	..	4154	232	7114	935
Households	..	0	..	4020	..	6238	..	9314	272	19845	6510
Other consumers
Non-energy use	4462	..	..	..	..	..	4462	..

Algeria

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	2891376	..	2990305	292	..	799	..	5882773	1092
Imports	0	5950	11294	169131	..	..	..	2196	..	188572	..
Exports	-1244564	-1056249	-1549225	..	..	-2308	..	-3852345	..
International marine bunkers	-11347	..	..	..	..	..	-11347	..
International aviation bunkers	-20021	..	..	..	..	..	-20021	..
Stock changes	310	-338	30461	4368	..	..	..	..	..	34800	..
Total energy supply	310	5612	1688568	-914118	1441080	292	..	688	..	2222432	1092
Statistical difference	0	-113	-21339	-16331	-3994	9	..	0	..	-41768	808
Transfers	0	..	..	..	..	..	0	..
Transformation	-310	-2119	-1659921	1677377	-631612	..	..	246874	..	-369712	..
Electricity plants	-18103	-631612	..	..	246874	..	-402841	..
CHP plants
Heat plants
Coke ovens	..	0	..	..	..	..	..	..	..	0	..
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces	-310	-2119	..	..	..	..	..	..	..	-2429	..
NGL plants & gas blending	-385910	412640	..	..	..	..	..	26730	..
Oil refineries	-1274011	1282840	..	..	..	..	..	8829	..
Other transformation
Energy industries own use	-25718	-18318	-176160	..	..	-26705	..	-246901	..
Losses	..	-1806	-24013	0	-20498	..	..	-40306	..	-86623	..
Final consumption	..	1799	254	761273	616804	283	..	180551	..	1560964	283
Final energy consumption	..	1799	254	736563	486502	283	..	180551	..	1405952	283
Manufacturing, const., mining	..	1799	..	33636	143717	192	..	62788	..	242132	192
Iron and steel	..	1799	..	..	8328	..	..	1580	..	11708	..
Chemical and petrochemical	129	1847	..	..	3715	..	5691	..
Non-ferrous metals
Non-metallic minerals	67028	..	..	8798	..	75826	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	18539	..	..	6293	..	24832	..
Paper, pulp and printing
Wood and wood products
Textile and leather	1244	..	..	1213	..	2457	..
Construction	16788	41984	..	..	5458	..	64229	..
Industries n.e.s	..	0	..	16720	4747	192	..	35730	..	57389	192
Transport	254	617846	25397	..	..	3506	..	647003	..
Road	607498	..	..	..	..	..	607498	..
Rail	0	..	..	..	2725	..	2725	..
Domestic aviation	5645	..	..	..	..	..	5645	..
Domestic navigation
Pipeline transport	254	..	25397	..	..	781	..	26432	..
Transport, n.e.s	4703	..	..	..	..	..	4703	..
Other	85081	317389	91	..	114257	..	516817	91
Agriculture, forestry, fishing	1372	1658	..	..	4950	..	7980	..
Commerce, public services	0	..	..	..	..	0	..
Households	70666	281365	91	..	70819	..	422942	91
Other consumers	13043	34366	..	..	38488	..	85896	..
Non-energy use	24710	130302	..	..	..	..	155012	..

Algeria

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	2947214	..	3334645	283	..	641	..	6282783	924
Imports	0	2200	9856	168613	..	..	..	925	..	181594	..
Exports	-1297340	-1031850	-1895227	..	..	-1825	..	-4226241	..
International marine bunkers	-9804	..	..	..	..	..	-9804	..
International aviation bunkers	-20286	..	..	..	..	..	-20286	..
Stock changes	0	-2200	7668	-2141	..	..	..	..	..	3328	..
Total energy supply	0	0	1667398	-895467	1439418	283	..	-259	..	2211373	924
Statistical difference	0	0	-6849	-4068	8815	0	..	0	..	-2102	641
Transfers
Transformation	..	0	-1633776	1659736	-612895	..	..	254380	..	-332555	..
Electricity plants	-17544	-612895	..	..	254380	..	-376059	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces	..	0	..	..	..	..	..	..	..	0	..
NGL plants & gas blending	-384275	410943	..	..	..	..	..	26669	..
Oil refineries	-1249501	1266337	..	..	..	..	..	16836	..
Other transformation
Energy industries own use	-21404	-710	-157508	..	..	-27428	..	-207050	..
Losses	..	0	-19067	-2726	-21106	..	..	-38455	..	-81355	..
Final consumption	..	0	0	764901	639094	283	..	188237	..	1592515	283
Final energy consumption	..	0	0	715772	498548	283	..	188237	..	1402839	283
Manufacturing, const., mining	..	0	..	33742	147745	192	..	66866	..	248545	192
Iron and steel	..	0	..	..	5268	..	..	641	..	5909	..
Chemical and petrochemical	1013	1756	..	..	3845	..	6614	..
Non-ferrous metals
Non-metallic minerals	*69219	..	..	*9468	..	*78687	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	19140	..	..	6602	..	25742	..
Paper, pulp and printing
Wood and wood products
Textile and leather	1194	..	..	1267	..	2461	..
Construction	16525	*46287	..	..	*5875	..	*68687	..
Industries n.e.s	..	0	..	16203	4882	192	..	39168	..	60444	192
Transport	0	596921	28587	..	..	3650	..	629158	..
Road	588878	..	..	..	..	..	588878	..
Rail	1290	..	..	..	2819	..	4109	..
Domestic aviation	*1808	..	..	..	..	..	*1808	..
Domestic navigation
Pipeline transport	0	..	28587	..	..	832	..	29418	..
Transport, n.e.s	4945	..	..	..	..	..	4945	..
Other	85109	322216	91	..	117720	..	525137	91
Agriculture, forestry, fishing	1343	1686	..	..	5108	..	8137	..
Commerce, public services	1407	0	..	..	..	..	1407	..
Households	67544	285657	91	..	72756	..	426049	91
Other consumers	14815	34873	..	..	39856	..	89543	..
Non-energy use	49130	140546	..	..	..	..	189675	..

Andorra

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	..	..	*248	..	308	556	432
Imports	*2	6563	..	22	1	1696	8284	23
Exports	..	..	..	0	..	-1	-1	0
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-6	..	..	..	..	-6	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	*2	6557	..	*270	1	2004	8833	455
Statistical Difference	0	-187	..	0	0	68	-119	308
Transfers	..	..	..	..	..	..	..	..
Transformation	..	..	..	*-248	..	50	*-198	*-124
Electricity plants	..	..	..	*-248	..	50	*-198	*-124
Charcoal plants	..	..	..	..	..	..	..	..
Other transformation	..	..	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	0	0	..
Losses	..	..	..	..	..	-244	-244	..
Final consumption	2	6744	..	*22	1	1741	8509	*23
Final energy consumption	2	6737	..	*22	1	1741	8502	*23
Manufacturing, const., mining	2	0	..	..	..	29	31	..
Transport	..	4632	..	..	..	..	4632	..
Road	..	4632	..	..	..	..	4632	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	2105	..	*22	1	1712	3840	*23
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	1375	1375	..
Households	..	2105	..	*22	1	337	2465	*23
Other consumers	..	..	..	..	..	..	..	..
Non-energy use	..	*7	..	..	..	..	*7	..
2016								
Primary production	..	..	..	*255	..	304	559	431
Imports	*2	6642	..	22	1	1746	8413	23
Exports	..	..	..	0	..	0	-1	0
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-1	..	..	..	..	-1	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	*2	6641	..	*277	1	2050	8971	454
Statistical Difference	0	-189	..	0	0	89	-100	304
Transfers	..	..	..	..	..	..	..	..
Transformation	..	..	..	*-255	..	51	*-204	*-128
Electricity plants	..	..	..	*-255	..	51	*-204	*-128
Charcoal plants	..	..	..	..	..	..	..	..
Other transformation	..	..	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	0	0	..
Losses	..	..	..	..	..	-243	-243	..
Final consumption	2	6830	..	*22	1	1769	8624	*23
Final energy consumption	2	6823	..	*22	1	1769	8616	*23
Manufacturing, const., mining	2	0	..	..	..	29	31	..
Transport	..	4687	..	..	..	..	4687	..
Road	..	4687	..	..	..	..	4687	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	2136	..	*22	1	1740	3899	*23
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	1394	1394	..
Households	..	2136	..	*22	1	346	2505	*23
Other consumers	..	..	..	..	..	..	..	..
Non-energy use	..	*7	..	..	..	..	*7	..

Angola

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	3787153	..	26334	339832	..	18695	..	4172014	358527
Imports	224898	..	..	..	..	..	224898	..
Exports	*-3676674	-57974	0	..	..	..	..	*-3734647	..
International marine bunkers	-16604	..	..	..	..	..	-16604	..
International aviation bunkers	-9393	..	..	..	..	..	-9393	..
Stock changes	-1464	..	..	..	..	..	-1464	..
Total energy supply	110479	139462	26334	339832	..	18695	..	634802	358527
Statistical difference	0	-15410	0	0	..	0	..	-15410	18695
Transfers
Transformation	-110479	63873	..	*-88098	..	16459	..	-118244	*-88098
Electricity plants	-50545	..	..	..	16459	..	-34086	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-23426	25684	..	..	..	..	..	2258	..
Oil refineries	-87053	88734	..	..	..	..	..	1681	..
Other transformation	*-88098	..	..	..	*-88098	*-88098
Energy industries own use	-5247	0	..	..	-868	..	-6115	..
Losses	-3960	..	-3960	..
Final consumption	213499	26334	*251734	..	30326	..	*521894	*251734
Final energy consumption	204490	26334	*251734	..	30326	..	*512885	*251734
Manufacturing, const., mining	10112	26334	*6009	..	10224	..	52679	*6009
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	6566	..	..	..	..	..	6566	..
Industries n.e.s	3546	26334	*6009	..	10224	..	46113	*6009
Transport	125740	..	..	..	..	..	125740	..
Road	114516	..	..	..	..	..	114516	..
Rail
Domestic aviation	10364	..	..	..	..	..	10364	..
Domestic navigation	860	..	..	..	..	..	860	..
Pipeline transport
Transport, n.e.s
Other	68638	..	*245725	..	20102	..	*334466	*245725
Agriculture, forestry, fishing	430	..	..	..	..	..	430	..
Commerce, public services	42338	..	..	..	..	..	42338	..
Households	25516	..	*245725	..	20102	..	*291344	*245725
Other consumers	354	..	..	..	..	..	354	..
Non-energy use	9009	..	..	..	..	..	9009	..

Angola

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	3674808	..	58482	346656	..	20934	..	4100880	367590
Imports	227997	..	..	..	..	..	227997	..
Exports	*-3551212	-66699	-31122	..	..	..	..	*-3649033	..
International marine bunkers	-14100	..	..	..	..	..	-14100	..
International aviation bunkers	-6924	..	..	..	..	..	-6924	..
Stock changes	*-3735	..	..	..	..	..	*-3735	..
Total energy supply	123596	136540	27360	346656	..	20934	..	655086	367590
Statistical difference	0	-17039	0	0	..	0	..	-17039	20934
Transfers
Transformation	-123596	48346	..	*-89881	..	16366	..	-148765	*-89881
Electricity plants	-53126	..	..	..	16366	..	-36761	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-23514	*25164	..	..	..	..	..	*1649	..
Oil refineries	-100082	76309	..	..	..	..	..	-23773	..
Other transformation	*-89881	..	..	..	*-89881	*-89881
Energy industries own use	-3911	-2706	..	..	-922	..	-7538	..
Losses	-4201	..	-4201	..
Final consumption	198014	24654	*256776	..	32177	..	*511620	*256776
Final energy consumption	189382	24654	*256776	..	32177	..	*502988	*256776
Manufacturing, const., mining	14795	24654	*6130	..	10847	..	56426	*6130
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	6836	..	..	..	..	..	6836	..
Industries n.e.s	7959	24654	*6130	..	10847	..	49590	*6130
Transport	114175	..	..	..	..	..	114175	..
Road	105771	..	..	..	..	..	105771	..
Rail
Domestic aviation	7629	..	..	..	..	..	7629	..
Domestic navigation	774	..	..	..	..	..	774	..
Pipeline transport
Transport, n.e.s
Other	60412	..	*250646	..	21330	..	*332388	*250646
Agriculture, forestry, fishing	387	..	..	..	..	..	387	..
Commerce, public services	36579	..	..	..	..	..	36579	..
Households	23224	..	*250646	..	21330	..	*295200	*250646
Other consumers	222	..	..	..	..	..	222	..
Non-energy use	8633	..	..	..	..	..	8633	..

Anguilla

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	*2	..	..	*2	*2
Imports	..	*2202	..	..	..	..	*2202	..
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*2202	..	*2	..	..	*2204	*2
Statistical Difference	..	*17	..	0	..	0	*17	0
Transfers
Transformation	..	-860	..	..	..	339	-521	..
Electricity plants	..	-860	..	..	..	339	-521	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-10	-10	..
Losses	-37	-37	..
Final consumption	..	*1325	..	*2	..	*292	*1619	*2
Final energy consumption	..	*1325	..	*2	..	*292	*1619	*2
Manufacturing, const., mining
Transport	..	*894	..	..	..	..	*894	..
Road	..	*292	..	..	..	..	*292	..
Domestic aviation
Domestic navigation
Other transport	..	*602	..	..	..	..	*602	..
Other	..	*430	..	*2	..	*292	*725	*2
Agriculture, forestry, fishing
Commerce and public services	*205	*205	..
Households	..	*430	..	*2	..	*87	*520	*2
Other consumers
Non-energy use
2016								
Primary production	*2	..	..	*2	*2
Imports	..	*2202	..	..	..	..	*2202	..
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*2202	..	*2	..	..	*2204	*2
Statistical Difference	..	0	..	0	..	0	0	0
Transfers
Transformation	..	*-925	..	..	..	371	*-554	..
Electricity plants	..	*-925	..	..	..	371	*-554	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-9	-9	..
Losses	-34	-34	..
Final consumption	..	*1278	..	*2	..	*328	*1607	*2
Final energy consumption	..	*1278	..	*2	..	*328	*1607	*2
Manufacturing, const., mining
Transport	..	*847	..	..	..	..	*847	..
Road	..	*292	..	..	..	..	*292	..
Domestic aviation
Domestic navigation
Other transport	..	*555	..	..	..	..	*555	..
Other	..	*430	..	*2	..	*328	*760	*2
Agriculture, forestry, fishing
Commerce and public services	*229	*229	..
Households	..	*430	..	*2	..	*98	*531	*2
Other consumers
Non-energy use

Antigua and Barbuda

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production
Imports	..	*10320	..	..	..	..	*10320	..
Exports	..	*-176	..	..	..	..	*-176	..
International marine bunkers	..	*-162	..	..	..	..	*-162	..
International aviation bunkers	..	*-2161	..	..	..	..	*-2161	..
Stock changes
Total energy supply	..	*7821	..	..	..	..	*7822	..
Statistical Difference	..	0	..	..	..	0	0	..
Transfers
Transformation	..	*-3819	..	..	..	*1224	*-2595	..
Electricity plants	..	*-3819	..	..	..	*1224	*-2595	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	*-11	*-11	..
Losses	*-313	*-313	..
Final consumption	..	*4002	..	..	..	*900	*4902	..
Final energy consumption	..	*3801	..	..	..	*900	*4701	..
Manufacturing, const., mining	*36	*36	..
Transport	..	*3636	..	..	..	..	*3636	..
Road	..	*1772	..	..	..	..	*1772	..
Domestic aviation	..	*1434	..	..	..	..	*1434	..
Domestic navigation
Other transport	..	*430	..	..	..	..	*430	..
Other	..	*166	..	..	..	*864	*1030	..
Agriculture, forestry, fishing
Commerce and public services	*504	*504	..
Households	..	*166	..	..	..	*360	*526	..
Other consumers
Non-energy use	..	*201	..	..	..	..	*201	..
2016								
Primary production
Imports	..	*10505	..	..	..	..	*10505	..
Exports	..	*-176	..	..	..	..	*-176	..
International marine bunkers	..	*-162	..	..	..	..	*-162	..
International aviation bunkers	..	*-2205	..	..	..	..	*-2205	..
Stock changes
Total energy supply	..	*7963	..	..	..	..	*7963	..
Statistical Difference	..	0	..	..	..	0	0	..
Transfers
Transformation	..	*-3860	..	..	..	*1238	*-2621	..
Electricity plants	..	*-3860	..	..	..	*1238	*-2621	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	*-14	*-14	..
Losses	*-313	*-313	..
Final consumption	..	*4103	..	..	..	*911	*5014	..
Final energy consumption	..	*3902	..	..	..	*911	*4813	..
Manufacturing, const., mining	*43	*43	..
Transport	..	*3732	..	..	..	..	*3732	..
Road	..	*1816	..	..	..	..	*1816	..
Domestic aviation	..	*1442	..	..	..	..	*1442	..
Domestic navigation
Other transport	..	*473	..	..	..	..	*473	..
Other	..	*170	..	..	..	*868	*1038	..
Agriculture, forestry, fishing
Commerce and public services	*504	*504	..
Households	..	*170	..	..	..	*364	*534	..
Other consumers
Non-energy use	..	*201	..	..	..	..	*201	..

Argentina

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	840	..	1301255	..	1405280	176108	77101	139151	..	3099734	315259
Imports	41554	..	35405	240723	395024	..	..	32465	..	745172	..
Exports	-346	-1508	-79439	-72705	-2219	-29366	..	-198	..	-185781	-29366
International marine bunkers	..	..	..	-37508	..	..	..	..	..	-37508	..
International aviation bunkers	..	..	..	-40219	..	..	..	..	..	-40219	..
Stock changes	2964	740	-9729	18160	..	0	..	..	..	12135	0
Total energy supply	45012	-768	1247491	108451	1798086	146742	77101	171418	..	3593533	285892
Statistical difference	-671	0	-23730	2387	-568	180	0	-7	..	-22409	139331
Transfers	..	..	..	1309	..	..	..	..	..	1309	..
Transformation	-45482	11414	-1267372	1039407	-609792	-43141	-77101	382694	..	-609373	-43141
Electricity plants	-26154	-5833	..	-216316	-609792	-37620	-77101	382694	..	-590123	-37620
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-19327	27026	..	-29868	..	..	..	..	..	-22169	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-9779	..	..	..	..	..	..	..	-9779	..
NGL plants & gas blending	..	..	-122876	130527	..	..	..	..	..	7650	..
Oil refineries	..	..	-1144496	1133177	..	..	..	..	..	-11320	..
Other transformation	..	..	..	21887	..	-5521	..	..	..	16366	-5521
Energy industries own use	..	..	-3849	-59239	-255775	..	..	-14263	..	-333126	..
Losses	..	..	..	0	-8719	..	..	-73148	..	-81868	..
Final consumption	202	10646	..	1087541	924368	103420	..	466708	..	2592884	103420
Final energy consumption	202	10646	..	954813	856115	103420	..	466708	..	2391904	103420
Manufacturing, const., mining	202	10646	..	175840	302594	*27379	..	181541	..	698202	*27379
Iron and steel	..	10646	..	..	69723	..	..	..	..	80369	..
Chemical and petrochemical	..	..	..	576	..	..	..	..	..	576	..
Non-ferrous metals	..	..	..	..	10373	..	..	..	..	10373	..
Non-metallic minerals	..	..	..	..	49296	..	..	..	..	49296	..
Transport equipment	..	..	..	..	1727	..	..	..	..	1727	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	73049	..	..	..	..	73049	..
Paper, pulp and printing	..	..	..	..	12599	..	..	..	..	12599	..
Wood and wood products	..	..	..	..	640	..	..	..	..	640	..
Textile and leather	..	..	..	..	4503	..	..	..	..	4503	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	202	0	..	175264	80685	*27379	..	181541	..	465071	*27379
Transport	..	..	..	541578	148306	48620	..	2178	..	740681	48620
Road	..	..	..	505377	104463	48620	..	..	..	658459	48620
Rail	..	..	..	..	..	..	..	2178	..	2178	..
Domestic aviation	..	..	..	21654	..	..	..	..	..	21654	..
Domestic navigation	..	..	..	14547	..	..	..	..	..	14547	..
Pipeline transport	..	..	..	..	43843	..	..	..	..	43843	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	237396	405215	27422	..	282989	..	953021	27422
Agriculture, forestry, fishing	..	..	..	161780	..	*7200	..	3852	..	172832	*7200
Commerce, public services	..	..	..	17016	46751	7306	..	109696	..	180768	7306
Households	..	..	..	58600	358465	12916	..	169441	..	599421	12916
Other consumers	..	..	..	0	..	..	..	..	..	0	..
Non-energy use	..	..	..	132728	68252	..	..	..	..	200980	..

Argentina

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	568	..	1247701	..	1505690	200816	*89478	136325	..	3180578	337140
Imports	34295	..	33417	272689	365925	..	..	35464	..	741789	..
Exports	-272	-1224	-98644	-65829	-2130	-59837	..	-1184	..	-229119	-59837
International marine bunkers	..	..	..	-28585	..	..	..	..	..	-28585	..
International aviation bunkers	..	..	..	-41675	..	..	..	..	..	-41675	..
Stock changes	469	-598	2707	-4421	..	0	..	..	..	-1842	0
Total energy supply	35061	-1821	1185182	132179	1869485	140979	*89478	170604	..	3621146	277304
Statistical difference	-1050	0	-26607	-17210	20399	-433	0	0	..	-24901	135892
Transfers	..	..	..	3186	..	..	..	..	..	3186	..
Transformation	-35090	10345	-1207982	991070	-652241	-30057	*-89478	391889	..	-621543	-30057
Electricity plants	-19460	-4857	..	-203697	-652241	*-24123	*-89478	391889	..	-601967	*-24123
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-15630	23241	..	-34957	..	..	..	..	..	-27347	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-8039	..	..	..	..	..	..	..	-8039	..
NGL plants & gas blending	..	..	*-115716	122846	..	..	..	..	..	7130	..
Oil refineries	..	..	-1092266	1081164	..	..	..	..	..	-11102	..
Other transformation	..	..	..	25714	..	-5934	..	..	..	19780	-5934
Energy industries own use	..	..	-3807	-65565	-261061	..	..	-13932	..	-344365	..
Losses	..	..	..	0	-8929	..	..	-73555	..	-82484	..
Final consumption	1021	*8524	..	1078081	926854	111355	..	475006	..	2600841	111355
Final energy consumption	1021	*8524	..	941485	861358	111355	..	475006	..	2398748	111355
Manufacturing, const., mining	1021	*8524	..	168573	290377	*31736	..	185209	..	685441	*31736
Iron and steel	..	*8524	..	..	66908	..	..	..	..	75432	..
Chemical and petrochemical	..	..	..	0	..	..	..	..	..	0	..
Non-ferrous metals	..	..	..	..	9955	..	..	..	..	9955	..
Non-metallic minerals	..	..	..	..	47306	..	..	..	..	47306	..
Transport equipment	..	..	..	..	1657	..	..	..	..	1657	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	70099	..	..	..	..	70099	..
Paper, pulp and printing	..	..	..	..	12091	*3500	..	..	..	15591	*3500
Wood and wood products	..	..	..	..	614	..	..	..	..	614	..
Textile and leather	..	..	..	..	4321	..	..	..	..	4321	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	1021	0	..	168573	77427	*28236	..	185209	..	460467	*28236
Transport	..	..	..	539830	142620	52195	..	1966	..	736611	52195
Road	..	..	..	501959	99324	52195	..	..	..	653478	52195
Rail	..	..	..	..	..	..	..	1966	..	1966	..
Domestic aviation	..	..	..	24520	..	..	..	..	..	24520	..
Domestic navigation	..	..	..	13352	..	..	..	..	..	13352	..
Pipeline transport	..	..	..	..	43296	..	..	..	..	43296	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	233081	428360	27424	..	287831	..	976696	27424
Agriculture, forestry, fishing	..	..	..	158555	..	*4239	..	3319	..	166113	*4239
Commerce, public services	..	..	..	15687	48200	8574	..	123278	..	195739	8574
Households	..	..	..	58839	380161	14611	..	161233	..	614845	14611
Other consumers	..	..	..	0	..	..	..	..	..	0	..
Non-energy use	..	..	..	136596	65497	..	..	..	..	202093	..

Armenia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	19	..	..	..	..	7428	30110	7956	..	45513	15384
Imports	32	8	..	14725	73964	326	..	625	..	89681	326
Exports	-19	..	..	-13	-3946	0	..	-5125	..	-9104	0
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	*-1362	..	..	..	..	..	*-1362	..
Stock changes	..	..	..	..	-1029	..	..	..	..	-1029	..
Total energy supply	32	8	..	13350	68989	7754	30110	3456	..	123700	15710
Statistical difference	0	0	..	3	-7116	15	0	0	0	-7098	7971
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	..	..	..	..	-20395	..	-30110	20120	28	-30357	..
Electricity plants	..	..	..	..	-20208	..	-30110	20045	..	-30273	..
CHP plants	..	..	..	..	-187	..	..	76	28	-84	..
Heat plants	..	..	..	..	..	..	..	..	0	0	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	0	..	..	..	..	0	..
Energy industries own use	..	..	..	..	-97	..	..	-1328	-2	-1427	..
Losses	..	..	..	..	-4328	..	..	-2923	-17	-7269	..
Final consumption	32	*8	..	13348	51284	7739	..	19325	9	91746	7739
Final energy consumption	31	*8	..	11644	51284	7739	..	19325	9	90041	7739
Manufacturing, const., mining	..	*8	..	54	6476	66	..	5677	0	12282	66
Iron and steel	..	..	..	..	538	..	..	378	..	916	..
Chemical and petrochemical	..	..	..	1	122	..	..	61	..	184	..
Non-ferrous metals	..	..	..	..	503	..	..	727	..	1230	..
Non-metallic minerals	..	..	..	..	2429	..	..	454	..	2883	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	28	..	..	79	..	107	..
Mining and quarrying	..	..	..	..	195	..	..	2588	..	2783	..
Food and tobacco	..	..	..	18	2312	..	..	1015	..	3344	..
Paper, pulp and printing	..	..	..	..	125	..	..	72	..	197	..
Wood and wood products	..	..	..	..	1	..	..	7	..	8	..
Textile and leather	..	..	..	..	10	..	..	32	..	43	..
Construction	..	..	..	34	173	..	..	108	..	315	..
Industries n.e.s	..	*8	..	1	40	66	..	155	0	271	66
Transport	..	..	..	10152	15246	..	..	378	..	25776	..
Road	..	..	..	10152	15112	..	..	22	..	25286	..
Rail	..	..	..	..	..	..	..	245	..	245	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	134	..	..	..	..	134	..
Transport, n.e.s	..	..	..	..	..	..	..	112	..	112	..
Other	31	..	..	1438	29562	7673	..	13270	9	51983	7673
Agriculture, forestry, fishing	..	..	..	1370	..	..	..	583	..	1953	..
Commerce, public services	26	..	..	50	13140	..	..	3589	..	16805	..
Households	5	..	..	14	16422	7673	..	6757	9	30881	7673
Other consumers	..	..	..	*4	..	..	..	2340	..	2344	..
Non-energy use	1	..	..	1703	..	..	..	..	..	1704	..

Armenia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	31	..	..	..	..	10054	25715	8471	..	44271	18525
Imports	48	13	..	15095	77353	263	..	990	..	93762	263
Exports	-31	..	..	0	-665	0	..	-4424	..	-5121	0
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-1943	..	..	..	..	..	-1943	..
Stock changes	..	..	..	-286	-66	..	..	..	..	-352	..
Total energy supply	48	13	..	12867	76622	10317	25715	5036	..	130617	18788
Statistical difference	0	0	..	-2	-132	7	0	0	0	-127	8478
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	..	..	..	..	-20912	..	-25715	17863	34	-28729	..
Electricity plants	..	..	..	..	-20727	..	-25715	17798	..	-28643	..
CHP plants	..	..	..	..	-185	..	..	65	34	-86	..
Heat plants	..	..	..	..	..	..	..	..	0	0	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	0	..	..	..	..	0	..
Energy industries own use	..	..	..	..	-229	..	..	-1177	-2	-1408	..
Losses	..	..	..	..	-4964	..	..	-2542	-21	-7526	..
Final consumption	48	*13	..	12869	50649	10309	..	19181	11	93080	10309
Final energy consumption	47	*13	..	11874	50649	10309	..	19181	11	92084	10309
Manufacturing, const., mining	..	*13	..	881	6625	71	..	5872	0	13461	71
Iron and steel	..	..	..	0	521	..	..	259	..	781	..
Chemical and petrochemical	..	..	..	0	65	..	..	54	..	119	..
Non-ferrous metals	..	..	..	166	512	..	..	842	..	1520	..
Non-metallic minerals	..	..	..	19	2258	..	..	400	..	2676	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	1	32	0	..	76	..	109	0
Mining and quarrying	..	..	..	636	243	..	..	2880	..	3759	..
Food and tobacco	..	..	..	25	2623	..	..	961	..	3609	..
Paper, pulp and printing	..	..	..	..	146	..	..	72	..	218	..
Wood and wood products	..	..	..	..	3	70	..	11	..	84	70
Textile and leather	..	..	..	..	17	..	..	36	..	53	..
Construction	..	..	..	35	151	..	..	112	..	297	..
Industries n.e.s	..	*13	..	0	53	0	..	169	0	235	0
Transport	..	..	..	9536	16187	..	..	360	..	26083	..
Road	..	..	..	9536	16187	..	..	0	..	25723	..
Rail	..	..	..	..	..	..	..	259	..	259	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	0	..	..	..	..	0	..
Transport, n.e.s	..	..	..	..	..	..	..	101	..	101	..
Other	47	..	..	1457	27838	10239	..	12949	11	52540	10239
Agriculture, forestry, fishing	..	..	..	1391	..	..	..	414	..	1805	..
Commerce, public services	37	..	..	27	7712	..	..	3247	..	11024	..
Households	10	..	..	35	20125	10239	..	6674	11	37095	10239
Other consumers	..	..	..	3	..	..	..	2614	..	2617	..
Non-energy use	1	..	..	995	..	..	..	..	..	996	..

Aruba

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	0	..	19	..	*498	*517	*517
Imports	..	*16407	..	0	8	..	*16415	8
Exports	..	0	..	..	..	..	0	..
International marine bunkers	..	*-444	..	..	..	..	*-444	..
International aviation bunkers	..	*-3740	..	..	..	..	*-3740	..
Stock changes
Total energy supply	..	*12223	..	19	8	*498	*12748	*525
Statistical Difference	..	0	..	0	0	0	0	*498
Transfers
Transformation	..	*-8499	..	*-12	6	*2856	*-5649	*-5
Electricity plants	..	*-8499	..	..	..	*2856	*-5643	..
Charcoal plants	*-12	6	..	*-5	*-5
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	-552	-552	..
Final consumption	..	*3724	..	*7	*14	*2802	*6548	*21
Final energy consumption	..	*3684	..	*7	*14	*2802	*6508	*21
Manufacturing, const., mining
Transport	..	*3178	..	..	..	..	*3178	..
Road	..	*3178	..	..	..	..	*3178	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*507	..	*7	*14	*2802	*3330	*21
Agriculture, forestry, fishing
Commerce and public services	*1760	*1760	..
Households	..	*153	..	*7	*14	*1042	*1216	*21
Other consumers	..	*354	..	..	..	..	*354	..
Non-energy use	..	*40	..	..	..	..	*40	..
2016								
Primary production	..	0	..	20	..	*498	*518	*518
Imports	..	*16191	..	0	8	..	*16199	8
Exports	..	0	..	..	..	..	0	..
International marine bunkers	..	*-444	..	..	..	..	*-444	..
International aviation bunkers	..	*-3731	..	..	..	..	*-3731	..
Stock changes
Total energy supply	..	*12016	..	20	8	*498	*12542	*526
Statistical Difference	..	0	..	0	0	0	0	*498
Transfers
Transformation	..	*-8297	..	*-12	6	*2910	*-5392	*-6
Electricity plants	..	*-8297	..	..	..	*2910	*-5387	..
Charcoal plants	*-12	6	..	*-6	*-6
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-569	*-569	..
Final consumption	..	*3719	..	*8	*14	*2840	*6580	*22
Final energy consumption	..	*3678	..	*8	*14	*2840	*6540	*22
Manufacturing, const., mining
Transport	..	*3173	..	..	..	..	*3173	..
Road	..	*3173	..	..	..	..	*3173	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*505	..	*8	*14	*2840	*3367	*22
Agriculture, forestry, fishing
Commerce and public services	*1783	*1783	..
Households	..	*152	..	*8	*14	*1056	*1230	*22
Other consumers	..	*353	..	..	..	..	*353	..
Non-energy use	..	*40	..	..	..	..	*40	..

Australia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	12500974	..	729290	..	2360466	216712	..	107449	14921	15929813	335184
Imports	3469	3510	806915	988080	215089	..	..	..	..	2017063	..
Exports	-10578134	-25488	-482389	-108304	-1226321	..	..	..	..	-12420636	..
International marine bunkers	..	..	..	-30263	..	..	..	..	..	-30263	..
International aviation bunkers	..	..	..	-161406	..	..	..	..	..	-161406	..
Stock changes	-81584	0	8756	-7905	..	..	..	..	..	-80733	..
Total energy supply	1844725	-21978	1062572	680203	1349234	216712	..	107449	14921	5253839	335184
Statistical difference	4882	0	14847	-19689	-18876	-278	..	-7	0	-19120	107189
Transfers	..	..	338	182261	..	..	..	..	..	182599	..
Transformation	-1773959	77453	-1045187	1019727	-500820	*-35075	..	797342	-79	-1460598	*-35136
Electricity plants	-1644253	-672	..	-56091	-410834	-13311	..	748991	-79	-1376249	-13372
CHP plants	-20747	..	..	-1085	-86886	*-21764	..	48352	..	-82130	*-21764
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-106417	100991	..	..	..	..	..	..	..	-5426	..
Briquetting plants	-1168	924	..	..	..	..	..	..	..	-244	..
Liquefaction plants	..	..	2916	..	..	..	..	..	..	2916	..
Gas works	..	..	..	0	-50	..	..	..	..	-50	..
Blast furnaces	-1375	-23845	..	..	..	..	..	..	..	-25220	..
NGL plants & gas blending	..	55	-78632	84147	..	..	..	..	..	5570	..
Oil refineries	..	..	-969471	992757	..	..	..	..	..	23286	..
Other transformation	..	..	..	..	-3051	..	..	..	..	-3051	..
Energy industries own use	..	-37658	-2242	-140228	-301410	..	..	-96991	..	-578529	..
Losses	..	..	..	..	..	..	..	-46454	..	-46454	..
Final consumption	65883	17817	635	1761651	565880	*181915	..	761353	14842	3369976	*192858
Final energy consumption	65883	17817	635	1627909	532024	*181915	..	761353	14842	3202379	*192858
Manufacturing, const., mining	65580	17741	635	165407	322760	*123966	..	275846	..	971934	*120067
Iron and steel	1375	11746	..	843	12587	..	..	12244	..	38794	..
Chemical and petrochemical	6686	524	..	6280	67710	4215	..	15300	..	100715	*499
Non-ferrous metals	31094	3944	..	20568	128651	*1999	..	122947	..	309203	*1999
Non-metallic minerals	14071	108	..	8309	48978	*1945	..	16297	..	89708	*1945
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	1081	2890	..	..	6206	..	10177	..
Mining and quarrying	602	1188	..	99148	5929	*8	..	60689	..	167564	*8
Food and tobacco	8337	147	169	5154	33014	*91711	..	22118	..	*160650	*91528
Paper, pulp and printing	1722	..	..	2198	13280	*7089	..	14515	..	38803	*7089
Wood and wood products	162	84	..	383	2164	*16999	..	2750	..	*22542	*16999
Textile and leather	458	..	465	313	4505	..	..	2146	..	7887	..
Construction	48	0	..	20952	2983	..	..	598	..	24581	..
Industries n.e.s	1025	0	0	178	71	0	..	36	..	1310	0
Transport	27	..	..	1323932	11222	10304	..	21280	..	1366765	10304
Road	..	..	..	1121973	3623	10304	..	..	..	1135900	10304
Rail	27	..	..	44423	..	..	..	11455	..	55905	..
Domestic aviation	..	..	..	125518	..	..	..	..	..	125518	..
Domestic navigation	0	..	..	23474	..	..	..	..	..	23474	..
Pipeline transport	..	..	..	..	7085	..	..	688	..	7772	..
Transport, n.e.s	..	..	..	8543	515	..	..	9137	..	18195	..
Other	276	76	..	138571	198042	*47646	..	464227	14842	863680	*62488
Agriculture, forestry, fishing	..	..	..	89882	1195	..	..	9191	..	100268	..
Commerce, public services	276	55	..	33333	50802	1935	..	241654	401	328457	2336
Households	0	21	..	15355	146045	*405	..	213383	14441	389649	14846
Other consumers	..	..	..	..	..	*45306	..	..	..	*45306	*45306
Non-energy use	..	..	..	133742	33855	..	..	..	..	167597	..

Australia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	12226941	..	708180	..	3036015	215468	..	120521	14915	16322040	346989
Imports	827	6003	644018	1175902	214620	..	..	..	..	2041369	..
Exports	-10505287	-19224	-451256	-92280	-1804268	..	..	..	..	-12872316	..
International marine bunkers	..	..	..	-25427	..	..	..	..	..	-25427	..
International aviation bunkers	..	..	..	-169873	..	..	..	..	..	-169873	..
Stock changes	150954	-395	4484	-240	..	..	..	..	..	154803	..
Total energy supply	1873435	-13616	905425	888081	1446368	215468	..	120521	14915	5450595	346989
Statistical difference	-11647	0	-2580	-45693	-38713	-1	..	-4	0	-98637	120534
Transfers	..	..	296	142014	..	..	..	..	..	142311	..
Transformation	-1815208	69034	-905256	883860	-508209	*-37738	..	802228	-43	-1511333	*-37767
Electricity plants	-1695943	-461	..	-50561	-415360	-13654	..	754247	-43	-1421775	-13683
CHP plants	-21364	..	..	-965	-87843	*-24084	..	47981	..	-86274	*-24084
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-96255	93325	..	..	..	..	..	..	..	-2930	..
Briquetting plants	0	0	..	..	..	..	..	..	..	0	..
Liquefaction plants	..	..	4752	..	..	..	..	..	..	4752	..
Gas works	..	..	..	0	-35	..	..	..	..	-35	..
Blast furnaces	-1646	-23869	..	..	..	..	..	..	..	-25515	..
NGL plants & gas blending	..	39	-72665	77761	..	..	..	..	..	5135	..
Oil refineries	..	..	-837343	857624	..	..	..	..	..	20281	..
Other transformation	..	..	..	..	-4972	..	..	..	..	-4972	..
Energy industries own use	..	-37340	-2411	-165391	-426479	..	..	-111265	..	-742886	..
Losses	..	..	..	..	..	..	..	-48823	..	-48823	..
Final consumption	69873	18078	635	1794257	550391	*177731	..	762664	14872	3388500	*188688
Final energy consumption	69873	18078	635	1637290	518951	*177731	..	762664	14872	3200093	*188688
Manufacturing, const., mining	69531	18017	635	152041	303058	*121426	..	278248	..	942954	*117511
Iron and steel	1025	11800	..	719	12716	..	..	11588	..	37849	..
Chemical and petrochemical	5910	496	..	4078	62880	4221	..	14508	..	92093	*485
Non-ferrous metals	35782	3836	..	14985	116238	*1937	..	123232	..	296010	*1937
Non-metallic minerals	13230	108	..	8507	49384	*2491	..	16265	..	89985	*2491
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	1081	2427	..	..	4986	..	8494	..
Mining and quarrying	1446	1755	..	96086	4763	*6	..	65412	..	169467	*6
Food and tobacco	8724	22	169	5021	32035	*88976	..	22460	..	*157407	*88797
Paper, pulp and printing	1767	..	..	2158	13059	*7409	..	14447	..	38839	*7409
Wood and wood products	162	0	..	383	2086	*16386	..	2711	..	*21728	*16386
Textile and leather	459	..	465	313	4534	..	..	1919	..	7690	..
Construction	0	0	..	18486	2871	..	..	680	..	22037	..
Industries n.e.s	1025	0	0	225	65	0	..	40	..	1355	0
Transport	0	..	..	1340155	11918	6758	..	22622	..	1381453	6758
Road	..	..	..	1131360	3900	6758	..	..	..	1142017	6758
Rail	0	..	..	45799	..	..	..	12402	..	58201	..
Domestic aviation	..	..	..	130105	..	..	..	..	..	130105	..
Domestic navigation	0	..	..	24151	..	..	..	..	..	24151	..
Pipeline transport	..	..	..	..	7520	..	..	760	..	8280	..
Transport, n.e.s	..	..	..	8740	498	..	..	9461	..	18698	..
Other	343	61	..	145095	203975	*49548	..	461794	14872	875686	*64420
Agriculture, forestry, fishing	..	..	..	97139	2251	..	..	6322	..	105711	..
Commerce, public services	343	39	..	33766	52525	2414	..	242392	406	331884	2820
Households	0	22	..	14190	149199	*3757	..	213080	14466	394715	18223
Other consumers	..	..	..	..	..	*43376	..	..	..	*43376	*43376
Non-energy use	..	..	..	156967	31441	..	..	..	..	188407	..

Austria

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	9	..	37052	..	43437	258711	..	154199	9298	502706	392315
Imports	87591	27863	343112	249359	394846	39325	..	105728	..	1247824	39325
Exports	-283	-1316	..	-111669	-185973	-22463	..	-69520	..	-391224	-22463
International marine bunkers	..	..	..	-731	..	..	..	..	..	-731	..
International aviation bunkers	..	..	..	-29812	..	..	..	..	..	-29812	..
Stock changes	18454	1659	-2155	-3522	35621	*427	..	..	..	50483	*427
Total energy supply	105770	28206	378009	103625	287931	276000	..	190408	9298	1379246	409604
Statistical difference	0	79	0	-3105	0	2	..	0	0	-3024	154849
Transfers	..	..	0	565	..	..	..	..	..	565	..
Transformation	-99145	4250	-378009	370013	-76324	*-106240	..	68148	82648	-134659	*-91245
Electricity plants	-20322	-18621	..	-1619	-17644	-37314	..	35737	-106	-59888	-30545
CHP plants	-7019	-1246	..	-8089	-47147	*-40914	..	32411	49435	-22568	*-33316
Heat plants	..	..	..	-1215	-11534	*-27932	..	..	33319	-7361	*-27305
Coke ovens	-50181	49683	..	..	..	..	..	..	..	-499	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-21623	-25566	..	-687	..	..	..	..	..	-47876	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-378009	381621	..	..	..	..	..	3612	..
Other transformation	..	..	..	..	..	*-80	..	..	..	*-80	*-80
Energy industries own use	..	-19539	..	-17551	-12955	-1865	..	-26251	0	-78161	..
Losses	..	-992	..	..	-95	..	..	-12481	-12659	-26227	..
Final consumption	6624	11846	..	459757	198558	*167893	..	219823	79287	1143788	*163510
Final energy consumption	6624	10931	..	396163	185136	*167893	..	219823	79287	1065858	*163510
Manufacturing, const., mining	6376	10141	..	23555	110191	*63303	..	90986	10681	315233	*50991
Iron and steel	..	9798	..	40	17637	30	..	9191	341	37037	30
Chemical and petrochemical	792	..	..	770	16152	3573	..	15977	957	38221	306
Non-ferrous metals	..	114	..	249	5591	189	..	3532	207	9882	15
Non-metallic minerals	2697	29	..	2387	15116	7105	..	6624	32	33990	31
Transport equipment	..	..	..	88	1323	3	..	2441	686	4541	3
Machinery	..	..	..	1374	10200	39	..	11851	1044	24508	38
Mining and quarrying	..	..	..	548	2500	2	..	2365	3	5418	2
Food and tobacco	..	200	..	2280	11782	311	..	8240	3004	25817	311
Paper, pulp and printing	2887	..	..	364	21009	*24899	..	16283	703	66144	*24672
Wood and wood products	..	..	..	765	3175	1512	..	5803	2565	13821	8
Textile and leather	..	..	..	202	1235	4	..	1328	18	2787	4
Construction	..	..	..	14199	2668	876	..	2542	696	20980	852
Industries n.e.s	0	0	..	290	1803	*24760	..	4810	425	32087	*24719
Transport	..	..	..	310574	11236	26772	..	11210	..	359792	26772
Road	..	..	..	307336	725	26644	..	50	..	334756	26644
Rail	..	..	..	1739	..	110	..	7283	..	9132	110
Domestic aviation	..	..	..	1368	..	..	..	..	..	1368	..
Domestic navigation	..	..	..	132	..	..	..	..	..	132	..
Pipeline transport	..	..	..	..	10511	..	..	792	..	11303	..
Transport, n.e.s	..	..	..	..	..	17	..	3085	..	3102	17
Other	248	791	..	62034	63710	*77818	..	117626	68606	390833	*85747
Agriculture, forestry, fishing	0	0	..	9576	524	*6950	..	4187	589	21826	*7077
Commerce, public services	..	88	..	7849	16992	*5791	..	50137	29771	110628	*8008
Households	248	703	..	44608	46194	*65077	..	63302	38246	258379	*70662
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	914	..	63594	13422	..	..	..	..	77930	..

Austria

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	0	..	33513	..	40804	267710	..	166208	9256	517491	410709
Imports	95360	24675	310144	279080	496476	36164	..	94918	..	1336816	36164
Exports	0	-1092	..	-107840	-238543	-24354	..	-69145	..	-440975	-24354
International marine bunkers	..	..	..	-774	..	..	..	..	..	-774	..
International aviation bunkers	..	..	..	-32502	..	..	..	..	..	-32502	..
Stock changes	3236	2397	2834	5413	1954	-124	..	..	..	15710	-124
Total energy supply	98596	25980	346491	143377	300691	279395	..	191981	9256	1395767	422395
Statistical difference	0	0	0	-2830	0	102	..	0	0	-2727	166936
Transfers	..	..	0	151	..	..	..	..	..	151	..
Transformation	-92677	6939	-346491	335381	-81968	*-103830	..	68764	84860	-129022	*-86451
Electricity plants	-12323	-16746	..	-1212	-20530	-30566	..	31280	-110	-50207	-22688
CHP plants	-6612	-1191	..	-12000	-49800	*-43361	..	37483	49875	-25605	*-34511
Heat plants	..	..	..	-1172	-11638	*-29842	..	..	35095	-7557	*-29191
Coke ovens	-51093	50141	..	..	..	..	..	..	..	-952	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-22649	-25265	..	-485	..	..	..	..	..	-48399	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-346491	350249	..	..	..	..	..	3758	..
Other transformation	..	..	..	..	..	*-61	..	..	..	*-61	*-61
Energy industries own use	..	-19228	..	-9031	-12193	-1818	..	-26057	0	-68327	..
Losses	..	-948	..	..	-95	..	..	-12020	-13434	-26498	..
Final consumption	5919	12743	..	472708	206435	*173645	..	222667	80682	1174799	*169008
Final energy consumption	5919	11733	..	405719	192315	*173645	..	222667	80682	1092680	*169008
Manufacturing, const., mining	5786	10938	..	23639	112813	*72566	..	92495	10955	329192	*60003
Iron and steel	..	10679	..	40	15407	30	..	8658	367	35181	30
Chemical and petrochemical	816	..	..	727	15982	3879	..	16211	1058	38673	672
Non-ferrous metals	..	116	..	128	5993	202	..	3636	185	10260	19
Non-metallic minerals	2241	0	..	2517	17402	7532	..	6653	34	36379	41
Transport equipment	..	..	..	88	1441	4	..	2567	683	4782	4
Machinery	..	..	..	1417	11604	49	..	12377	1031	26477	49
Mining and quarrying	..	..	..	505	2764	4	..	2437	3	5713	4
Food and tobacco	..	144	..	2484	13111	285	..	8442	3004	27471	285
Paper, pulp and printing	2729	..	..	202	19175	*31092	..	16585	901	70684	*30997
Wood and wood products	..	..	..	671	3433	1511	..	6210	2574	14398	9
Textile and leather	..	..	..	202	1395	5	..	1278	19	2899	5
Construction	..	..	..	14328	3324	842	..	2653	686	21833	818
Industries n.e.s	0	0	..	330	1784	*27131	..	4788	410	34443	*27070
Transport	..	..	..	320893	10751	22021	..	11264	..	364930	22021
Road	..	..	..	317741	719	21889	..	50	..	340400	21889
Rail	..	..	..	1653	..	110	..	7276	..	9039	110
Domestic aviation	..	..	..	1368	..	..	..	..	..	1368	..
Domestic navigation	..	..	..	132	..	..	..	..	..	132	..
Pipeline transport	..	..	..	..	10032	..	..	756	..	10788	..
Transport, n.e.s	..	..	..	..	..	21	..	3182	..	3203	21
Other	133	795	..	61186	68750	*79058	..	118908	69727	398558	*86984
Agriculture, forestry, fishing	0	0	..	9439	572	*7123	..	4248	608	21990	*7256
Commerce, public services	..	88	..	7991	17684	*5107	..	50537	29743	111150	*7161
Households	133	706	..	43757	50494	*66828	..	64123	39376	265417	*72567
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	1010	..	66989	14120	..	..	..	..	82119	..

Azerbaijan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	..	..	1783795	..	676226	6125	..	5929	..	2472074	10535
Imports	28	..	..	11547	..	..	..	389	..	11963	..
Exports	..	..	-1504173	-97341	-286337	..	..	-954	..	-1888805	..
International marine bunkers	..	..	..	-2150	..	..	..	..	..	-2150	..
International aviation bunkers	..	..	..	-11687	..	..	..	..	..	-11687	..
Stock changes	111	..	2586	7902	11387	37	..	..	..	22022	37
Total energy supply	139	..	282208	-91729	401276	6161	..	5364	..	603418	10572
Statistical difference	0	..	1595	2796	1607	0	..	385	0	6384	5929
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	0	..	-278200	258656	-197995	-3235	..	82948	6501	-131324	-1716
Electricity plants	..	..	..	-2273	-125222	-3037	..	53885	..	-76647	-1519
CHP plants	..	..	..	-13658	-66272	..	..	29063	1076	-49791	..
Heat plants	..	..	..	0	-6500	..	..	..	5425	-1075	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	0	..	..	..	..	..	..	..	..	0	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-278200	274587	..	..	..	..	..	-3612	..
Other transformation	..	..	..	..	..	-198	..	..	..	-198	-198
Energy industries own use	..	..	-474	-15315	-17682	..	..	-14170	-612	-48253	..
Losses	..	..	-1940	..	-38212	..	..	-10328	-733	-51213	..
Final consumption	139	..	..	148816	145779	2927	..	63428	5156	366245	2927
Final energy consumption	139	..	..	117221	144521	2927	..	63428	5156	333392	2927
Manufacturing, const., mining	..	..	..	2821	37984	9	..	11387	..	52201	9
Iron and steel	..	..	..	40	1652	..	..	925	..	2618	..
Chemical and petrochemical	..	..	..	4	9383	..	..	1361	..	10748	..
Non-ferrous metals	..	..	..	..	151	..	..	2959	..	3110	..
Non-metallic minerals	..	..	..	40	8964	..	..	1141	..	10146	..
Transport equipment	..	..	..	..	330	..	..	18	..	348	..
Machinery	..	..	..	..	1023	..	..	670	..	1693	..
Mining and quarrying	..	..	..	172	257	..	..	288	..	717	..
Food and tobacco	..	..	..	331	13256	9	..	1321	..	14917	9
Paper, pulp and printing	..	..	..	..	70	..	..	169	..	239	..
Wood and wood products	..	..	..	..	98	..	..	47	..	145	..
Textile and leather	..	..	..	..	232	..	..	238	..	470	..
Construction	..	..	..	2233	1688	..	..	1944	..	5865	..
Industries n.e.s	..	..	..	0	879	0	..	306	..	1185	0
Transport	139	..	..	99232	18	9	..	1735	..	101133	9
Road	..	..	..	89524	..	..	..	..	..	89524	..
Rail	139	..	..	258	..	..	..	1422	..	1819	..
Domestic aviation	..	..	..	8335	..	..	..	..	..	8335	..
Domestic navigation	..	..	..	1115	..	..	..	..	..	1115	..
Pipeline transport	..	..	..	..	18	..	..	313	..	331	..
Transport, n.e.s	..	..	..	..	..	9	..	..	..	9	9
Other	..	..	..	15168	106520	2908	..	50306	5156	180058	2908
Agriculture, forestry, fishing	..	..	..	13386	1951	84	..	3251	..	18672	84
Commerce, public services	..	..	..	443	7871	833	..	18479	891	28517	833
Households	..	..	..	1339	96698	1991	..	28577	4265	132869	1991
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	31595	1258	..	..	..	..	32853	..

Azerbaijan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	..	..	1758106	..	657999	4042	..	7261	..	2427408	9917
Imports	28	..	..	13669	10490	..	..	410	..	24596	..
Exports	..	..	-1497360	-73173	-282958	..	..	-3946	..	-1857438	..
International marine bunkers	..	..	..	-2064	..	..	..	..	..	-2064	..
International aviation bunkers	..	..	..	-7718	..	..	..	..	..	-7718	..
Stock changes	28	..	-1034	6075	7973	37	..	..	..	13078	37
Total energy supply	55	..	259711	-63212	393503	4078	..	3726	..	597863	9954
Statistical difference	0	..	0	2496	1157	0	..	155	0	3808	7261
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	0	..	-257384	225445	-184586	-2912	..	82570	7282	-129586	-1526
Electricity plants	..	..	..	-2046	-124881	-2772	..	55354	..	-74346	-1386
CHP plants	..	..	..	-23230	-52298	..	..	27216	1050	-47262	..
Heat plants	..	..	..	0	-7407	..	..	..	6232	-1175	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	0	..	..	..	..	..	..	..	..	0	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-257384	250922	..	..	..	..	..	-6462	..
Other transformation	..	..	..	-201	..	-140	..	..	..	-341	-140
Energy industries own use	..	..	-474	-16500	-15359	..	..	-14256	-497	-47085	..
Losses	..	..	-1853	..	-28292	..	..	-8460	-837	-39443	..
Final consumption	55	..	..	143237	164110	1166	..	63425	5948	377941	1166
Final energy consumption	55	..	..	112392	162749	1166	..	63425	5948	345735	1166
Manufacturing, const., mining	..	..	..	5547	42733	9	..	12661	..	60950	9
Iron and steel	..	..	..	81	622	..	..	1091	..	1793	..
Chemical and petrochemical	..	..	..	925	13440	..	..	1069	..	15434	..
Non-ferrous metals	..	..	..	..	179	..	..	2920	..	3099	..
Non-metallic minerals	..	..	..	40	11812	..	..	1300	..	13152	..
Transport equipment	..	..	..	..	53	..	..	54	..	107	..
Machinery	..	..	..	40	977	..	..	536	..	1554	..
Mining and quarrying	..	..	..	215	443	..	..	302	..	960	..
Food and tobacco	..	..	..	1033	12311	9	..	2030	..	15383	9
Paper, pulp and printing	..	..	..	..	28	..	..	212	..	240	..
Wood and wood products	..	..	..	..	4	..	..	112	..	115	..
Textile and leather	..	..	..	40	411	..	..	331	..	783	..
Construction	..	..	..	3011	1483	..	..	2344	..	6838	..
Industries n.e.s	..	..	..	162	970	0	..	360	..	1492	0
Transport	55	..	..	93090	39	0	..	1541	..	94725	0
Road	..	..	..	81748	..	..	..	..	..	81748	..
Rail	55	..	..	172	..	..	..	1249	..	1477	..
Domestic aviation	..	..	..	9967	..	..	..	..	..	9967	..
Domestic navigation	..	..	..	1204	..	..	..	..	..	1204	..
Pipeline transport	..	..	..	..	39	..	..	292	..	330	..
Transport, n.e.s	..	..	..	..	..	0	..	..	..	0	0
Other	..	..	..	13755	119977	1157	..	49223	5948	190060	1157
Agriculture, forestry, fishing	..	..	..	11880	2525	27	..	3524	..	17956	27
Commerce, public services	..	..	..	967	5421	691	..	16639	1126	24844	691
Households	..	..	..	909	112032	438	..	29059	4822	147260	438
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	30845	1361	..	..	..	..	32206	..

Bahamas

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	..	..	308	..	..	308	308
Imports	*41	*25826	..	4	27	..	*25899	31
Exports	..	-44	..	0	-1	..	-45	-1
International marine bunkers	..	*-4539	..	..	..	..	*-4539	..
International aviation bunkers	..	*-2205	..	..	..	..	*-2205	..
Stock changes	..	*9675	..	..	..	..	*9675	..
Total energy supply	*41	*28713	..	312	27	..	*29093	339
Statistical Difference	0	*-3483	..	0	0	-68	*-3551	0
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-17243	..	*-62	33	7193	*-10079	*-28
Electricity plants	..	*-17243	..	..	..	7193	*-10050	..
Charcoal plants	..	..	..	*-62	33	..	*-28	*-28
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	*-274	*-274	..
Losses	..	..	..	..	..	*-40	*-40	..
Final consumption	*41	*14953	..	*251	*60	6948	*22253	*310
Final energy consumption	*41	*14606	..	*251	*60	6948	*21905	*310
Manufacturing, const., mining	*41	*3244	..	..	..	4201	7486	..
Transport	..	*6032	..	..	..	..	*6032	..
Road	..	*5969	..	..	..	..	*5969	..
Domestic aviation	..	*62	..	..	..	..	*62	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*5330	..	*251	*60	2747	*8387	*310
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	*4634	..	..	..	169	*4804	..
Households	..	*519	..	..	..	2578	3096	..
Other consumers	..	*177	..	*251	*60	..	*488	*310
Non-energy use	..	*347	..	..	..	..	*347	..
2016								
Primary production	..	..	..	308	..	..	308	308
Imports	*41	15419	..	1	1	..	15462	2
Exports	..	0	..	0	-1	..	-1	-1
International marine bunkers	..	*-1743	..	..	..	..	*-1743	..
International aviation bunkers	..	*-1141	..	..	..	..	*-1141	..
Stock changes	..	*12900	..	..	..	..	*12900	..
Total energy supply	*41	*25434	..	309	0	..	*25784	309
Statistical Difference	0	*-4463	..	0	0	-306	*-4769	0
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-16942	..	*-62	33	7078	*-9893	*-29
Electricity plants	..	*-16942	..	..	..	7078	*-9864	..
Charcoal plants	..	..	..	*-62	33	..	*-29	*-29
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	*-274	*-274	..
Losses	..	..	..	..	..	*-36	*-36	..
Final consumption	*41	*12954	..	*247	*33	7074	*20350	*280
Final energy consumption	*41	*12607	..	*247	*33	7074	*20003	*280
Manufacturing, const., mining	*41	*2708	..	..	..	3870	6619	..
Transport	..	*5008	..	..	..	..	*5008	..
Road	..	*4946	..	..	..	..	*4946	..
Domestic aviation	..	*62	..	..	..	..	*62	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*4890	..	*247	*33	3204	*8375	*280
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	*4199	..	..	..	90	*4289	..
Households	..	*514	..	..	..	3114	3628	..
Other consumers	..	*177	..	*247	*33	..	*458	*280
Non-energy use	..	*347	..	..	..	..	*347	..

Bahrain

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	440543	..	516659	64	..	32	..	957298	97
Imports	454852	*17875	..	369	..	788	..	473884	369
Exports	-330776	-505315	..	-11	..	-713	..	-836815	-11
International marine bunkers
International aviation bunkers	-19228	..	..	..	..	..	-19228	..
Stock changes	*44	3494	5	..	..	..	..	3544	..
Total energy supply	564663	-503173	516664	422	..	108	..	578683	454
Statistical difference	0	0	7416	0	..	94	..	7510	32
Transfers
Transformation	-564663	577256	-364208	*-14	..	107953	..	-243675	*-14
Electricity plants	-364208	..	..	83671	..	-280536	..
CHP plants	24282	..	24282	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-564663	577256	..	..	..	..	..	12593	..
Other transformation	*-14	..	..	..	*-14	*-14
Energy industries own use	*-5200	-56298	..	..	-5584	..	-67081	..
Losses	-2250	..	-2250	..
Final consumption	68883	88743	*408	..	100134	..	258167	*408
Final energy consumption	54399	37302	*408	..	100134	..	192243	*408
Manufacturing, const., mining	1226	37302	..	..	50364	..	88893	..
Iron and steel	1226	16849	..	..	..	..	18075	..
Chemical and petrochemical	0	..	..	..	..	0	..
Non-ferrous metals	0	..	..	40543	..	40543	..
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	20453	..	..	9821	..	30274	..
Transport	50240	..	..	..	..	..	50240	..
Road	48784	..	..	..	..	..	48784	..
Rail
Domestic aviation	1455	..	..	..	..	..	1455	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	2933	..	*408	..	49770	..	53110	*408
Agriculture, forestry, fishing	209	..	209	..
Commerce, public services	22108	..	22108	..
Households	2933	..	31	..	27454	..	30417	31
Other consumers	*377	..	..	..	*377	*377
Non-energy use	*14484	51440	..	..	..	..	65924	..

Bahrain

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	443050	..	497099	65	..	36	..	940250	101
Imports	443135	*17875	..	324	..	994	..	462327	324
Exports	-342947	-475051	..	-99	..	-1055	..	-819152	-99
International marine bunkers	-1849	..	..	..	..	..	-1849	..
International aviation bunkers	-19184	..	..	..	..	..	-19184	..
Stock changes	486	-5571	..	..	..	..	..	-5085	..
Total energy supply	543724	-483780	497099	290	..	-25	..	557307	326
Statistical difference	0	-1185	0	0	..	5288	..	4104	36
Transfers
Transformation	-543724	557886	*361464	*-14	..	107446	..	-239871	*-14
Electricity plants	*361464	..	..	81202	..	*-280263	..
CHP plants	26244	..	26244	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-543724	557886	..	..	..	..	..	14161	..
Other transformation	*-14	..	..	..	*-14	*-14
Energy industries own use	*-5200	*-46892	..	..	0	..	*-52092	..
Losses	-2225	..	-2225	..
Final consumption	70090	*88743	*276	..	*99907	..	*259016	*276
Final energy consumption	55485	*37302	*276	..	*99907	..	192971	*276
Manufacturing, const., mining	876	*37302	..	..	*50458	..	*88636	..
Iron and steel	876	*16849	..	..	..	..	*17725	..
Chemical and petrochemical
Non-ferrous metals	*40543	..	*40543	..
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	*20453	..	..	*9914	..	*30368	..
Transport	51535	..	..	..	..	..	51535	..
Road	50036	..	..	..	..	..	50036	..
Rail
Domestic aviation	1499	..	..	..	..	..	1499	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	3075	..	*276	..	49450	..	52800	*276
Agriculture, forestry, fishing	220	..	220	..
Commerce, public services	21542	..	21542	..
Households	3075	..	23	..	27688	..	30785	23
Other consumers	*253	..	..	..	*253	*253
Non-energy use	*14605	*51440	..	..	..	..	*66045	..

Bangladesh

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	14142	..	12995	..	887225	592309	..	2606	..	1509276	594915
Imports	76782	..	46234	172294	..	0	..	..	..	295310	0
Exports	..	..	0	-1780	..	-109	..	..	..	-1889	-109
International marine bunkers	..	..	..	-4323	..	..	..	..	..	-4323	..
International aviation bunkers	..	..	..	-14950	..	..	..	..	..	-14950	..
Stock changes	4122	..	..	-2044	4542	..	..	..	..	6620	..
Total energy supply	95046	..	59229	149197	891767	592200	..	2606	..	1790045	594807
Statistical difference	0	..	-4907	-9144	-546	0	..	2185	..	-12411	2606
Transfers	..	..	..	1051	..	..	..	..	..	1051	..
Transformation	-10944	..	-64136	4924	-501908	*-8512	..	209833	..	-370743	*-8512
Electricity plants	-10944	..	..	-56328	-501908	..	..	209833	..	-359346	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-9238	8122	..	..	..	..	..	-1116	..
Oil refineries	..	..	-54898	53130	..	..	..	..	..	-1768	..
Other transformation	..	..	..	..	..	*-8512	..	..	..	*-8512	*-8512
Energy industries own use	-481	..	..	-1815	..	..	..	-11934	..	-14230	..
Losses	..	..	..	..	-19869	..	..	-23468	..	-43338	..
Final consumption	*83620	..	..	162501	370535	583688	..	174852	..	1375196	583688
Final energy consumption	*83620	..	..	158320	316888	583688	..	174852	..	1317368	583688
Manufacturing, const., mining	*83620	..	..	9214	146900	*1762	..	97326	..	338823	*1762
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	17500	..	..	..	..	..	..	..	..	17500	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	*66120	..	..	9214	146900	*1762	..	97326	..	321323	*1762
Transport	..	..	..	92828	42620	..	..	..	..	135448	..
Road	..	..	..	64018	42620	..	..	..	..	106638	..
Rail	..	..	..	12083	..	..	..	..	..	12083	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	16727	..	..	..	..	..	16727	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	0	..	..	..	..	..	0	..
Other	..	..	..	56277	127368	581926	..	77526	..	843097	581926
Agriculture, forestry, fishing	..	..	..	38227	795	..	..	5195	..	44217	..
Commerce, public services	..	..	..	..	9041	..	..	11430	..	20471	..
Households	..	..	..	12621	117533	572112	..	59029	..	761296	572112
Other consumers	..	..	..	5429	..	*9813	..	1872	..	*17114	*9813
Non-energy use	..	..	..	4181	53647	..	..	..	..	57828	..

Bangladesh

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	18886	..	14188	..	967851	593559	..	2650	..	1597134	596209
Imports	45702	..	55328	170425	..	1	..	..	..	271456	1
Exports	..	..	..	-4450	..	-229	..	..	..	-4679	-229
International marine bunkers	..	..	..	-4646	..	..	..	..	..	-4646	..
International aviation bunkers	..	..	..	-15303	..	..	..	..	..	-15303	..
Stock changes	4122	..	..	4128	11858	..	..	..	..	20109	..
Total energy supply	68711	..	69517	150154	979709	593331	..	2650	..	1864071	595981
Statistical difference	0	..	7868	-7496	64270	0	..	3276	..	67918	2650
Transfers	..	..	..	569	..	..	..	..	..	569	..
Transformation	-11321	..	-61649	7090	-491413	*-8534	..	228928	..	-336899	*-8534
Electricity plants	-11321	..	..	-49818	-491413	..	..	228928	..	-323624	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-7735	7140	..	..	..	..	..	-596	..
Oil refineries	..	..	-53914	49768	..	..	..	..	..	-4146	..
Other transformation	..	..	..	..	..	*-8534	..	..	..	*-8534	*-8534
Energy industries own use	-481	..	..	-1734	..	..	..	-13010	..	-15226	..
Losses	..	..	..	..	-19877	..	..	-24689	..	-44566	..
Final consumption	*56908	..	..	163575	404148	584797	..	190602	..	1400031	584797
Final energy consumption	*56908	..	..	159515	351870	584797	..	190602	..	1343692	584797
Manufacturing, const., mining	*56908	..	..	9609	155134	*1888	..	106092	..	329632	*1888
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	19177	..	..	..	..	..	..	..	..	19177	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	*37732	..	..	9609	155134	*1888	..	106092	..	310455	*1888
Transport	..	..	..	97419	46216	..	..	..	..	143635	..
Road	..	..	..	66846	46216	..	..	..	..	113062	..
Rail	..	..	..	12814	..	..	..	..	..	12814	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	17759	..	..	..	..	..	17759	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	52487	150520	582909	..	84510	..	870426	582909
Agriculture, forestry, fishing	..	..	..	40592	895	..	..	5663	..	47149	..
Commerce, public services	..	..	..	..	8945	..	..	12460	..	21405	..
Households	..	..	..	10471	140680	573190	..	64346	..	788688	573190
Other consumers	..	..	..	1424	..	*9719	..	2041	..	*13184	*9719
Non-energy use	..	..	..	4060	52278	..	..	..	..	56339	..

Barbados

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	1428	623	499	..	..	2550	499
Imports	..	22010	..	0	2	..	22012	2
Exports	..	-1428	..	0	..	..	-1428	0
International marine bunkers
International aviation bunkers	..	*-5564	..	..	..	..	*-5564	..
Stock changes	..	-909	..	-110	..	..	-1020	-110
Total energy supply	..	15536	623	389	2	..	16549	390
Statistical Difference	..	-15	16	54	0	0	54	54
Transfers
Transformation	..	-8307	-161	-39	9	3705	-4793	-30
Electricity plants	..	-8307	-161	-23	..	3705	-4785	-23
Charcoal plants	*-16	9	..	*-7	*-7
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-39	..	..	-272	-312	..
Losses	-9	..	..	-73	-82	..
Final consumption	..	7244	398	296	*10	*3360	11308	306
Final energy consumption	..	7244	398	296	*10	*3360	11308	306
Manufacturing, const., mining	..	685	22	268	..	288	1263	268
Transport	..	5717	..	..	..	..	5717	..
Road	..	5717	..	..	..	..	5717	..
Domestic aviation
Domestic navigation
Other transport
Other	..	842	376	*28	*10	*3071	*4328	*38
Agriculture, forestry, fishing	..	0	..	..	..	..	0	..
Commerce and public services	..	485	293	..	..	*1269	*2048	..
Households	..	325	83	..	*10	1103	1522	*10
Other consumers	..	31	..	*28	..	*699	*758	*28
Non-energy use
2016								
Primary production	..	1451	633	506	..	..	2590	506
Imports	..	22370	..	0	1	..	22371	1
Exports	..	-1451	..	0	..	..	-1452	0
International marine bunkers
International aviation bunkers	..	*-5655	..	..	..	..	*-5655	..
Stock changes	..	-924	..	-112	..	..	-1036	-112
Total energy supply	..	15790	633	394	1	..	16818	395
Statistical Difference	..	-16	16	55	0	0	55	55
Transfers
Transformation	..	-8443	-163	-39	9	3764	-4873	-30
Electricity plants	..	-8443	-163	-23	..	3764	-4866	-23
Charcoal plants	*-16	9	..	*-7	*-7
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-40	..	..	-277	-317	..
Losses	-9	..	..	-74	-84	..
Final consumption	..	7363	404	300	*9	3412	11489	309
Final energy consumption	..	7363	404	300	*9	3412	11489	309
Manufacturing, const., mining	..	696	22	273	..	293	1283	273
Transport	..	5811	..	..	..	..	5811	..
Road	..	5811	..	..	..	..	5811	..
Domestic aviation
Domestic navigation
Other transport
Other	..	856	382	*27	*9	3120	4395	*37
Agriculture, forestry, fishing
Commerce and public services	..	493	298	..	..	1289	2080	..
Households	..	331	84	..	*9	1121	1545	*9
Other consumers	..	32	..	*27	..	710	769	*27
Non-energy use

Belarus

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	10252	..	72501	..	6117	73989	..	508	..	163366	73340
Imports	17290	1509	969474	49361	653136	..	..	21974	..	1712745	..
Exports	-1050	-849	-68315	-730522	..	-3983	..	-12535	..	-817254	-3983
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-4895	..	..	..	..	..	-4895	..
Stock changes	4966	68	3384	1009	3685	..	..	..	..	13111	..
Total energy supply	31457	727	977044	-685047	662938	70006	..	9947	..	1067073	69357
Statistical difference	0	0	1100	810	0	-9	..	0	0	1900	498
Transfers	..	..	-2917	3108	..	..	..	..	..	190	..
Transformation	-12707	5592	-959279	955279	-469082	-40581	..	122188	241857	-156733	-39588
Electricity plants	..	..	..	-1010	-108618	-68	..	48348	..	-61348	-68
CHP plants	-1222	-371	..	-4413	-276339	-7280	..	73840	146657	-69128	-6287
Heat plants	-1435	-644	..	-3895	-84125	-33002	..	..	95200	-27900	-33002
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-10050	6608	..	..	..	..	..	..	..	-3442	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-959939	964596	..	..	..	..	..	4657	..
Other transformation	..	..	660	..	..	-231	..	..	..	429	-231
Energy industries own use	-253	..	..	-49283	-8772	-1224	..	-16200	-19150	-94882	-1224
Losses	-909	..	-13747	-47	-2777	..	..	-10498	-20372	-48350	..
Final consumption	17589	6320	..	223200	182308	28210	..	105437	202335	765398	28046
Final energy consumption	16718	6320	..	167000	124902	28210	..	105437	202335	650922	28046
Manufacturing, const., mining	16214	2299	..	6456	38969	4146	..	43535	57052	168670	3982
Iron and steel	..	435	..	43	5185	46	..	6898	275	12881	46
Chemical and petrochemical	..	..	..	383	6845	9	..	12427	20588	40253	9
Non-ferrous metals	..	..	..	..	295	..	..	90	18	403	..
Non-metallic minerals	16214	1060	..	255	16561	319	..	4313	2627	41350	155
Transport equipment	0	97	..	86	488	82	..	1231	1233	3217	82
Machinery	..	300	..	350	2449	110	..	4597	3140	10945	110
Mining and quarrying	..	..	..	129	564	18	..	810	1309	2831	18
Food and tobacco	..	387	..	556	3382	236	..	5533	16999	27094	236
Paper, pulp and printing	..	..	..	43	226	9	..	1242	2750	4270	9
Wood and wood products	..	..	..	130	526	1927	..	1415	1928	5926	1927
Textile and leather	..	0	..	172	1436	18	..	1778	2623	6028	18
Construction	..	20	..	4265	711	804	..	932	..	6732	804
Industries n.e.s	0	0	..	43	301	566	..	2268	3562	6740	566
Transport	205	29	..	130920	18416	110	..	4417	..	154097	110
Road	..	..	..	122211	309	110	..	598	..	123227	110
Rail	205	29	..	7740	..	..	..	1948	..	9922	..
Domestic aviation	..	..	..	926	..	..	..	..	..	926	..
Domestic navigation	..	..	..	43	..	..	..	..	..	43	..
Pipeline transport	..	..	..	..	18107	..	..	1872	..	19979	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	299	3992	..	29625	67517	23954	..	57485	145283	328155	23954
Agriculture, forestry, fishing	0	59	..	24714	3326	4536	..	5515	6353	44502	4536
Commerce, public services	273	742	..	1411	1857	3005	..	28206	47099	82594	3005
Households	26	3192	..	3500	62335	16413	..	23764	91831	201060	16413
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	871	0	..	56200	57406	..	..	..	..	114476	..

Belarus

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	13620	..	72368	..	5839	73428	..	882	..	166137	73024
Imports	18248	1567	767407	76582	647923	..	..	22748	..	1534475	..
Exports	-907	-917	-68399	-576760	..	-3453	..	-11873	..	-662310	-3453
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-5248	..	..	..	..	..	-5248	..
Stock changes	3176	-204	18950	-175	5109	..	..	..	..	26856	..
Total energy supply	34137	445	790326	-505601	658871	69975	..	11758	..	1059911	69571
Statistical difference	0	0	1184	736	0	0	..	0	0	1920	882
Transfers	..	..	-2785	2966	..	..	..	..	..	181	..
Transformation	-16330	7515	-775063	767522	-462675	-41985	..	119956	249665	-151395	-40867
Electricity plants	..	..	..	-3111	-97836	-25	..	45112	..	-55861	-25
CHP plants	-1210	-400	..	-4062	-280373	-7905	..	74844	151100	-68005	-7288
Heat plants	-1750	-605	..	-6081	-84466	-33799	..	..	98565	-28136	-33298
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-13370	8520	..	..	..	..	..	..	..	-4850	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-775663	780775	..	..	..	..	..	5113	..
Other transformation	..	..	600	..	..	-257	..	..	..	343	-257
Energy industries own use	-340	..	..	-43275	-8656	-859	..	-15606	-20951	-89687	-859
Losses	-880	..	-11294	-47	-2016	..	..	-10354	-20088	-44679	..
Final consumption	16586	7961	..	220828	185524	27132	..	105754	208626	772411	26964
Final energy consumption	15729	7961	..	171262	129944	27132	..	105754	208626	666407	26964
Manufacturing, const., mining	15282	3988	..	6286	36313	3531	..	43042	57884	166327	3363
Iron and steel	..	319	..	43	5146	55	..	6466	363	12392	55
Chemical and petrochemical	..	..	..	502	6898	21	..	12334	20531	40285	21
Non-ferrous metals	..	..	..	..	275	..	..	108	16	399	..
Non-metallic minerals	15282	2866	..	215	12964	287	..	4014	2316	37943	119
Transport equipment	0	87	..	129	806	73	..	1314	1522	3931	73
Machinery	..	368	..	390	2743	100	..	4835	3467	11903	100
Mining and quarrying	..	..	..	176	464	18	..	720	151	1530	18
Food and tobacco	..	329	..	640	3858	209	..	5753	18514	29303	209
Paper, pulp and printing	..	..	..	43	236	9	..	1087	2252	3627	9
Wood and wood products	..	..	..	173	583	1462	..	1724	2677	6620	1462
Textile and leather	..	0	..	172	1391	18	..	1822	2727	6129	18
Construction	..	20	..	3674	730	649	..	918	..	5990	649
Industries n.e.s	0	0	..	129	221	630	..	1948	3348	6275	630
Transport	227	10	..	136240	19049	110	..	4252	..	159887	110
Road	..	..	..	128003	313	110	..	565	..	128992	110
Rail	227	10	..	7224	..	..	..	2020	..	9480	..
Domestic aviation	..	..	..	970	..	..	..	..	..	970	..
Domestic navigation	..	..	..	43	..	..	..	..	..	43	..
Pipeline transport	..	..	..	..	18735	..	..	1667	..	20402	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	220	3963	..	28736	74582	23490	..	58460	150742	340193	23490
Agriculture, forestry, fishing	0	59	..	24353	4124	4535	..	5584	6397	45051	4535
Commerce, public services	195	732	..	1497	1912	2969	..	28796	48331	84432	2969
Households	25	3172	..	2885	68547	15985	..	24080	96014	210709	15985
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	857	0	..	49567	55580	..	..	..	..	106004	..

Belgium

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	416	..	..	..	..	119073	281912	32202	11159	444763	123517
Imports	112813	17912	1362023	1183389	641318	33262	..	85370	..	3436087	33176
Exports	-2193	-360	0	-1227207	-60488	-4770	..	-9774	..	-1304793	-4770
International marine bunkers	..	..	..	-246124	..	..	..	..	..	-246124	..
International aviation bunkers	..	..	..	-62357	..	..	..	..	..	-62357	..
Stock changes	4330	-331	-494	-47598	3946	..	..	..	..	-40147	..
Total energy supply	115366	17221	1361529	-399898	584775	147565	281912	107798	11159	2227428	151922
Statistical difference	500	-775	423	-1305	691	-37	0	25	28	-449	32228
Transfers	..	..	-3359	11978	..	..	..	..	..	8619	..
Transformation	-94880	18927	-1357746	1355176	-152732	-74903	-281912	215294	17605	-355172	-53423
Electricity plants	-21097	-17589	..	-131	-75831	*-38866	-281912	161708	-10099	-283817	*-31005
CHP plants	-416	..	..	-1389	-76840	-35740	..	53586	27714	-33085	-22206
Heat plants	..	..	..	..	-60	-297	..	..	-10	-367	-212
Coke ovens	-46302	48023	..	..	..	..	..	..	..	1721	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-27065	-14806	..	..	..	..	..	..	..	-41871	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-1357746	1358506	..	..	..	..	..	759	..
Other transformation	..	3299	..	-1811	..	..	..	..	..	1489	..
Energy industries own use	..	-10972	..	-51366	-14958	-1242	..	-15181	-6014	-99733	..
Losses	-333	..	..	..	-1024	..	..	-13738	-304	-15399	..
Final consumption	19653	25950	..	917194	415370	*71458	..	294149	22418	1766192	*66272
Final energy consumption	19653	19286	..	605862	374026	*71458	..	294149	22418	1406852	*66272
Manufacturing, const., mining	16322	18771	..	76607	156369	*35498	..	136764	18402	458734	*29378
Iron and steel	7717	9607	..	556	19300	0	..	15898	..	53078	0
Chemical and petrochemical	..	..	..	62245	50828	648	..	47444	15075	176239	297
Non-ferrous metals	..	..	..	83	4918	..	..	6926	..	11927	..
Non-metallic minerals	6523	8426	..	2210	20573	9614	..	10051	..	57397	*4634
Transport equipment	..	..	..	301	2444	..	..	7510	..	10254	..
Machinery	..	..	..	812	5027	*67	..	2077	..	7983	*67
Mining and quarrying	..	..	..	..	432	..	..	1548	..	1980	..
Food and tobacco	805	117	..	513	34014	*3166	..	20002	2000	60616	*3166
Paper, pulp and printing	888	..	..	578	4768	*14090	..	9022	1302	30648	*13301
Wood and wood products	..	..	..	..	1022	*7850	..	1386	..	*10258	*7850
Textile and leather	..	..	..	43	3788	..	..	4176	25	8032	..
Construction	..	..	..	3031	2753	..	..	3074	..	8858	..
Industries n.e.s	389	620	..	6237	6503	*63	..	7650	0	21462	*63
Transport	..	..	..	363532	1954	10597	..	5706	..	381789	10597
Road	..	..	..	353509	134	10597	..	40	..	364280	10597
Rail	..	..	..	2021	..	..	..	5594	..	7615	..
Domestic aviation	..	..	..	89	..	..	..	..	..	89	..
Domestic navigation	..	..	..	7914	..	..	..	..	..	7914	..
Pipeline transport	..	..	..	..	1820	..	..	72	..	1892	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	3331	515	..	165723	215703	*25362	..	151679	4016	566329	*26296
Agriculture, forestry, fishing	361	..	..	12961	9041	2134	..	5659	193	30349	2134
Commerce, public services	..	..	..	37436	72748	*2678	..	78232	2843	193936	*2715
Households	2970	515	..	114050	133914	*20100	..	67788	980	340316	*20997
Other consumers	..	..	..	1276	..	*451	..	..	..	1727	*451
Non-energy use	..	6664	..	311332	41344	..	..	..	..	359340	..

Belgium

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	389	..	..	..	..	122845	470048	32011	11645	636939	127129
Imports	97732	20336	1350665	1148843	626300	45511	..	52733	..	3342120	45347
Exports	-1836	-388	..	-1228811	-24260	-9598	..	-30474	..	-1295366	-9598
International marine bunkers	..	..	..	-281731	..	..	..	..	..	-281731	..
International aviation bunkers	..	..	..	-61740	..	..	..	..	..	-61740	..
Stock changes	5536	608	4188	10896	-3330	..	..	..	..	17898	..
Total energy supply	101821	20556	1354852	-412542	598711	158758	470048	54270	11645	2358119	162878
Statistical difference	-28	-1054	-381	-4002	1000	-9	0	-443	23	-4894	32068
Transfers	..	..	-530	6197	..	..	..	..	..	5667	..
Transformation	-80344	16710	-1354703	1357006	-151320	-74255	-470048	271832	16116	-469006	-52593
Electricity plants	-3171	-19112	..	-88	-74214	*-38486	-470048	216821	-10551	-398850	*-30266
CHP plants	-389	..	..	-1355	-77106	-35769	..	55012	26733	-32874	-22261
Heat plants	..	..	..	..	..	..	..	..	-66	-66	-66
Coke ovens	-45514	46840	..	..	..	..	..	..	..	1327	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-31270	-14549	..	..	..	..	..	..	..	-45819	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-1354703	1360335	..	..	..	..	..	5632	..
Other transformation	..	3531	..	-1887	..	..	..	..	..	1644	..
Energy industries own use	..	-11382	..	-52271	-14351	-1207	..	-18032	-5632	-102875	..
Losses	-111	..	..	..	-1024	..	..	-13860	-309	-15304	..
Final consumption	21394	26938	..	902391	431016	*83305	..	294653	21797	1781494	*78217
Final energy consumption	21394	20274	..	589997	393333	*83305	..	294653	21797	1424753	*78217
Manufacturing, const., mining	18194	20048	..	79433	159818	*36868	..	136591	17742	468694	*30818
Iron and steel	10321	11422	..	470	20639	75	..	16128	..	59055	..
Chemical and petrochemical	..	..	..	66845	51014	461	..	49392	14597	182308	308
Non-ferrous metals	..	..	..	83	5111	8	..	6710	..	11913	..
Non-metallic minerals	6148	7888	..	1864	21671	*10458	..	10087	..	58117	*5263
Transport equipment	..	..	..	215	1977	..	..	7250	..	9443	..
Machinery	..	..	..	685	5139	*67	..	2052	..	7944	*67
Mining and quarrying	..	..	..	..	432	..	..	1584	..	2016	..
Food and tobacco	668	117	..	472	36257	*3013	..	20599	1783	62910	*3013
Paper, pulp and printing	723	..	..	414	5149	*14562	..	9248	1337	31433	*13942
Wood and wood products	..	..	..	..	772	*8086	..	1325	..	*10183	*8086
Textile and leather	..	..	..	43	3710	76	..	4028	25	7882	76
Construction	..	..	..	2872	2415	..	..	3100	..	8386	..
Industries n.e.s	334	620	..	5469	5531	*62	..	5087	0	17104	*62
Transport	..	..	..	361136	1589	17954	..	5872	..	386550	17954
Road	..	..	..	351069	216	17954	..	79	..	369318	17954
Rail	..	..	..	2064	..	..	..	5663	..	7727	..
Domestic aviation	..	..	..	89	..	..	..	..	..	89	..
Domestic navigation	..	..	..	7871	..	..	..	..	..	7871	..
Pipeline transport	..	..	..	..	1373	..	..	130	..	1502	..
Transport, n.e.s	..	..	..	44	..	..	..	..	..	44	..
Other	3199	226	..	149429	231927	*28483	..	152190	4055	569510	*29445
Agriculture, forestry, fishing	362	..	..	14036	9787	2876	..	5990	227	33277	2876
Commerce, public services	..	..	..	32955	78770	*3183	..	78347	2866	196120	*3218
Households	2838	226	..	100457	143371	*22425	..	67853	962	338131	*23352
Other consumers	..	..	..	1981	..	..	..	..	..	1981	..
Non-energy use	..	6664	..	312394	37683	..	..	..	..	356741	..

Belize

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	3418	78	3950	..	*679	8125	4629
Imports	..	8147	..	0	0	918	9065	0
Exports	..	-2581	..	..	-1	..	-2582	-1
International marine bunkers
International aviation bunkers	..	-543	..	..	..	..	-543	..
Stock changes	..	-260	..	0	..	..	-260	0
Total energy supply	..	8181	78	3950	-1	1597	13806	4629
Statistical Difference	..	0	-13	0	0	0	-13	679
Transfers
Transformation	..	*-269	-91	*-2516	23	*822	*-2032	*-2494
Electricity plants	..	*-273	-57	*-2474	..	*822	*-1982	*-2474
Charcoal plants	*-42	23	..	*-19	*-19
Other transformation	..	*3	-33	0	..	..	-30	0
Energy industries own use	*-52	*-52	..
Losses	-247	-247	..
Final consumption	..	7912	..	*1434	*22	2120	11488	*1456
Final energy consumption	..	7810	..	*1434	*22	2120	11386	*1456
Manufacturing, const., mining	..	*1424	..	*325	..	492	*2240	*325
Transport	..	5490	..	..	..	..	5490	..
Road	..	5150	..	..	..	..	5150	..
Domestic aviation	..	*20	..	..	..	..	*20	..
Domestic navigation
Other transport	..	*320	..	..	..	..	*320	..
Other	..	896	..	*1109	*22	1629	3656	*1131
Agriculture, forestry, fishing	46	46	..
Commerce and public services	..	99	..	..	..	*611	*710	..
Households	..	797	..	..	*22	972	1791	*22
Other consumers	*1109	..	..	*1109	*1109
Non-energy use	..	*102	..	..	..	..	*102	..
2016								
Primary production	..	3395	77	3928	..	*674	8074	4602
Imports	..	8084	..	0	1	911	8996	1
Exports	..	-2561	..	..	-1	..	-2561	-1
International marine bunkers
International aviation bunkers	..	-539	..	..	..	..	-539	..
Stock changes	..	-258	..	0	..	..	-258	0
Total energy supply	..	8122	77	3928	0	1585	13712	4602
Statistical Difference	..	0	-13	0	0	0	-13	674
Transfers
Transformation	..	*-271	-90	*-2498	23	*816	*-2020	*-2475
Electricity plants	..	*-271	-57	*-2455	..	*816	*-1967	*-2455
Charcoal plants	*-43	23	..	*-20	*-20
Other transformation	..	0	-33	0	..	..	-33	0
Energy industries own use	*-51	*-51	..
Losses	-245	-245	..
Final consumption	..	7851	..	*1430	*23	2104	11409	*1454
Final energy consumption	..	7750	..	*1430	*23	2104	11308	*1454
Manufacturing, const., mining	..	*1414	..	*322	..	488	*2224	*322
Transport	..	5447	..	..	..	..	5447	..
Road	..	5110	..	..	..	..	5110	..
Domestic aviation	..	*19	..	..	..	..	*19	..
Domestic navigation
Other transport	..	*318	..	..	..	..	*318	..
Other	..	889	..	*1108	*23	1617	3637	*1131
Agriculture, forestry, fishing	46	46	..
Commerce and public services	..	98	..	..	..	607	705	..
Households	..	791	..	..	*23	964	1779	*23
Other consumers	*1108	..	..	*1108	*1108
Non-energy use	..	*101	..	..	..	..	*101	..

Benin

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	113850	..	68	..	113918	113918
Imports	1058	..	..	76180	..	..	..	3766	..	81003	..
Exports	-3272	..	..	..	..	..	-3272	..
International marine bunkers
International aviation bunkers
Stock changes	-1333	..	..	..	..	..	-1333	..
Total energy supply	1058	..	..	71574	..	113850	..	3834	..	190316	113918
Statistical difference	0	..	..	0	..	0	..	50	..	50	68
Transfers
Transformation	-3096	..	-37232	..	1163	..	-39165	-37232
Electricity plants	-3096	..	..	..	1163	..	-1933	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	-37232	..	..	..	-37232	-37232
Energy industries own use	0	..	0	..
Losses	-968	..	-968	..
Final consumption	1058	..	..	68478	..	*76618	..	3978	..	*150132	*76618
Final energy consumption	1058	..	..	68478	..	*76618	..	3978	..	*150132	*76618
Manufacturing, const., mining	1058	..	..	3883	..	629	..	1008	..	6577	629
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	929	..	..	..	612	..	1541	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	81	..	..	..	86	..	167	..
Paper, pulp and printing
Wood and wood products
Textile and leather	112	..	112	..
Construction
Industries n.e.s	1058	..	..	2873	..	629	..	198	..	4757	629
Transport	63500	..	..	..	..	..	63500	..
Road	63500	..	..	..	..	..	63500	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	1096	..	*75989	..	2970	..	*80055	*75989
Agriculture, forestry, fishing
Commerce, public services	138	..	12632	..	1548	..	14318	12632
Households	958	..	*63357	..	1422	..	*65737	*63357
Other consumers
Non-energy use

Benin

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	104568	..	72	..	104640	104640
Imports	3096	..	..	79204	..	..	..	3917	..	86217	..
Exports	-3394	..	..	..	..	..	-3394	..
International marine bunkers
International aviation bunkers
Stock changes	-1414	..	..	..	..	..	-1414	..
Total energy supply	3096	..	..	74396	..	104568	..	3989	..	186049	104640
Statistical difference	0	..	..	0	..	0	..	50	..	50	72
Transfers
Transformation	-3225	..	-25837	..	1206	..	-27856	-25837
Electricity plants	-3225	..	..	..	1206	..	-2019	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	-25837	..	..	..	-25837	-25837
Energy industries own use	0	..	0	..
Losses	-1008	..	-1008	..
Final consumption	3096	..	..	71171	..	*78731	..	4136	..	*157135	*78731
Final energy consumption	3096	..	..	71171	..	*78731	..	4136	..	*157135	*78731
Manufacturing, const., mining	3096	..	..	4042	..	644	..	1048	..	8829	644
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	970	..	..	..	637	..	1607	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	81	..	..	..	90	..	171	..
Paper, pulp and printing
Wood and wood products
Textile and leather	115	..	115	..
Construction
Industries n.e.s	3096	..	..	2991	..	644	..	205	..	6936	644
Transport	66034	..	..	..	..	..	66034	..
Road	66034	..	..	..	..	..	66034	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	1096	..	*78088	..	3089	..	*82272	*78088
Agriculture, forestry, fishing
Commerce, public services	138	..	*10303	..	1609	..	*12049	*10303
Households	958	..	*67785	..	1480	..	*70223	*67785
Other consumers
Non-energy use

Bermuda

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	..	..	*605	..	..	*605	*303
Imports	2	8255	..	..	..	..	8257	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	*-283	..	..	..	..	*-283	..
International aviation bunkers	..	*-715	..	..	..	..	*-715	..
Stock changes	..	390	..	..	..	..	390	..
Total energy supply	2	7647	..	*605	..	..	8254	*303
Statistical Difference	0	*-111	..	0	..	-2	*-113	0
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-4607	..	*-605	..	2427	*-2785	*-303
Electricity plants	..	*-4607	..	*-605	..	2427	*-2785	*-303
Charcoal plants	..	..	..	..	..	..	..	..
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-145	-145	..
Losses	..	..	..	..	..	*-158	*-158	..
Final consumption	*2	*3151	..	..	..	2126	*5279	..
Final energy consumption	*2	*3101	..	..	..	2126	*5228	..
Manufacturing, const., mining	*2	*330	..	..	..	..	*332	..
Transport	..	*1706	..	..	..	..	*1706	..
Road	..	*1493	..	..	..	..	*1493	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	*212	..	..	..	..	*212	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*1065	..	..	..	2126	3191	..
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	1046	1046	..
Households	..	*1065	..	..	..	884	*1949	..
Other consumers	..	..	..	..	..	196	196	..
Non-energy use	..	*50	..	..	..	..	*50	..
2016								
Primary production	..	..	..	*605	..	..	*605	*303
Imports	3	9455	..	..	..	..	9457	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	*-404	..	..	..	..	*-404	..
International aviation bunkers	..	*-617	..	..	..	..	*-617	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	3	8433	..	*605	..	..	9041	*303
Statistical Difference	0	84	..	0	..	1	*85	0
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-4488	..	*-605	..	2395	*-2697	*-303
Electricity plants	..	*-4488	..	*-605	..	2395	*-2697	*-303
Charcoal plants	..	..	..	..	..	..	..	..
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-127	-127	..
Losses	..	..	..	..	..	*-158	*-158	..
Final consumption	*3	*3861	..	..	..	2109	*5973	..
Final energy consumption	*3	*3816	..	..	..	2109	*5928	..
Manufacturing, const., mining	*3	*43	..	..	..	..	*46	..
Transport	..	*1669	..	..	..	..	*1669	..
Road	..	*1413	..	..	..	..	*1413	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	*255	..	..	..	..	*255	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*2104	..	..	..	2109	4213	..
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	1032	1032	..
Households	..	*2104	..	..	..	882	*2986	..
Other consumers	..	..	..	..	..	195	195	..
Non-energy use	..	*45	..	..	..	..	*45	..

Bhutan

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	2197	..	..	46722	..	27890	76809	74612
Imports	..	7243	..	1	313	448	8005	314
Exports	-139	..	..	0	-2	-20596	-20738	-2
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-117	..	..	..	..	*-117	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	2058	7125	..	46724	310	7742	63959	74924
Statistical Difference	0	6	..	0	0	96	102	27890
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-5	..	*-384	207	0	*-182	*-177
Electricity plants	..	*-5	..	..	..	0	*-5	..
Charcoal plants	..	..	..	*-384	207	..	*-177	*-177
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	0	0	..
Losses	..	..	..	..	..	-240	-240	..
Final consumption	*2058	*7114	..	*46340	*517	7406	*63435	*46857
Final energy consumption	*2058	*6500	..	*46340	*517	7406	*62821	*46857
Manufacturing, const., mining	*2058	*50	..	..	..	5890	7998	..
Transport	..	*5824	..	..	..	..	*5824	..
Road	..	*1110	..	..	..	..	*1110	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	*4715	..	..	..	..	*4715	..
Other	..	*626	..	*46340	*517	1515	*48998	*46857
Agriculture, forestry, fishing	..	..	..	..	..	8	8	..
Commerce and public services	..	..	..	..	..	202	202	..
Households	..	*626	..	*46249	*517	802	*48193	*46766
Other consumers	..	..	..	*91	..	503	594	*91
Non-energy use	..	*614	..	..	..	..	*614	..
2016								
Primary production	3039	..	..	47088	..	28633	78759	75721
Imports	..	7432	..	1	223	303	7959	224
Exports	0	..	..	0	-2	-20747	-20750	-2
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-118	..	..	..	..	*-118	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	3039	7314	..	47089	220	8189	65851	75942
Statistical Difference	0	0	..	0	0	0	0	28633
Transfers	..	..	..	..	..	..	..	..
Transformation	..	-1	..	*-384	207	0	*-178	*-177
Electricity plants	..	-1	..	..	..	0	-1	..
Charcoal plants	..	..	..	*-384	207	..	*-177	*-177
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	0	0	..
Losses	..	..	..	..	..	*-957	*-957	..
Final consumption	*3039	7313	..	*46705	*427	7232	*64716	*47132
Final energy consumption	*3039	6734	..	*46705	*427	7232	*64137	*47132
Manufacturing, const., mining	*3039	*55	..	..	..	5574	8668	..
Transport	..	6197	..	..	..	..	6197	..
Road	..	*1188	..	..	..	..	*1188	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	5009	..	..	..	..	5009	..
Other	..	*483	..	*46705	*427	1658	*49272	*47132
Agriculture, forestry, fishing	..	..	..	..	..	8	8	..
Commerce and public services	..	..	..	..	..	220	220	..
Households	..	*483	..	*46614	*427	855	*48378	*47041
Other consumers	..	..	..	*91	..	575	666	*91
Non-energy use	..	*579	..	..	..	..	*579	..

Bolivia (Plur. State of)

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	138641	..	760856	50138	..	8950	..	958585	59088
Imports	41924	..	1	..	..	..	41924	1
Exports	-2496	-27162	-616972	-2	..	..	..	-646632	-2
International marine bunkers
International aviation bunkers	-2690	..	..	..	..	..	-2690	..
Stock changes	169	-736	0	..	..	..	..	-566	..
Total energy supply	136314	11335	143885	50136	..	8950	..	350620	59086
Statistical difference	-1058	-10049	6019	0	..	810	..	-4277	8950
Transfers
Transformation	-137372	133982	-63746	*-5464	..	23893	..	-48706	*-5464
Electricity plants	-2451	-63746	*-4553	..	23893	..	-46857	*-4553
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-12332	13197	..	..	..	..	..	865	..
Oil refineries	-125040	123237	..	..	..	..	..	-1803	..
Other transformation	*-911	..	..	..	*-911	*-911
Energy industries own use	-5190	-11091	..	..	-749	..	-17030	..
Losses	-4810	-624	..	..	-2934	..	-8368	..
Final consumption	145367	62405	*44672	..	28350	..	280793	*44672
Final energy consumption	140413	62405	*44672	..	28350	..	275840	*44672
Manufacturing, const., mining	4392	32043	*31860	..	7603	..	75898	*31860
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	4392	32043	*31860	..	7603	..	75898	*31860
Transport	89372	24142	..	..	..	..	113513	..
Road	84167	24142	..	..	..	..	108309	..
Rail
Domestic aviation	5205	..	..	..	..	..	5205	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	46650	6221	*12812	..	20747	..	86429	*12812
Agriculture, forestry, fishing	26015	..	..	..	3154	..	29169	..
Commerce, public services	284	1779	..	..	6822	..	8885	..
Households	19426	4442	*12812	..	10771	..	47451	*12812
Other consumers	925	..	..	..	..	..	925	..
Non-energy use	4953	..	..	..	..	..	4953	..

Bolivia (Plur. State of)

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	135436	..	724935	53880	..	6358	..	920608	60238
Imports	37672	..	0	..	..	..	37672	0
Exports	-17197	-566473	-22	..	..	..	-583691	-22
International marine bunkers
International aviation bunkers	-2734	..	..	..	..	..	-2734	..
Stock changes	-85	1691	..	..	..	..	..	1607	..
Total energy supply	135351	19433	158462	53858	..	6358	..	373462	60216
Statistical difference	-7106	-9276	3478	0	..	-281	..	-13185	6358
Transfers
Transformation	-142458	140502	-77801	*-7815	..	27515	..	-60057	*-7815
Electricity plants	-2451	-77801	*-6904	..	27515	..	-59642	*-6904
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-17680	18920	..	..	..	..	..	1240	..
Oil refineries	-124778	124033	..	..	..	..	..	-745	..
Other transformation	*-911	..	..	..	*-911	*-911
Energy industries own use	-6614	-12577	..	..	-432	..	-19623	..
Losses	-4229	-640	..	..	-4198	..	-9066	..
Final consumption	158368	63967	*46043	..	29524	..	297901	*46043
Final energy consumption	153821	63967	*46043	..	29524	..	293354	*46043
Manufacturing, const., mining	4482	32344	*33447	..	7682	..	77956	*33447
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	4482	32344	*33447	..	7682	..	77956	*33447
Transport	94145	24659	..	..	..	..	118804	..
Road	88940	24659	..	..	..	..	113599	..
Rail
Domestic aviation	5205	..	..	..	..	..	5205	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	55194	6963	*12596	..	21841	..	96594	*12596
Agriculture, forestry, fishing	26316	..	..	..	3247	..	29563	..
Commerce, public services	284	1925	..	..	7229	..	9438	..
Households	19710	5038	*12596	..	11365	..	48709	*12596
Other consumers	8884	..	..	..	..	..	8884	..
Non-energy use	4547	..	..	..	..	..	4547	..

Bonaire, St Eustatius, Saba

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	144	144	144
Imports	..	*14278	..	*1	*3	..	*14282	*4
Exports
International marine bunkers	..	*-8820	..	..	..	..	*-8820	..
International aviation bunkers	..	*-340	..	..	..	..	*-340	..
Stock changes
Total energy supply	..	*5119	..	*1	*3	144	*5267	148
Statistical Difference	..	0	..	0	0	0	0	144
Transfers
Transformation	..	*-1050	..	..	..	312	*-739	..
Electricity plants	..	*-1050	..	..	..	312	*-739	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-40	-40	..
Losses	*-72	*-72	..
Final consumption	..	*4069	..	*1	*3	*344	*4417	*4
Final energy consumption	..	*3450	..	*1	*3	*344	*3798	*4
Manufacturing, const., mining	..	*869	..	..	..	*182	*1050	..
Transport	..	*2189	..	..	..	..	*2189	..
Road	..	*2189	..	..	..	..	*2189	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*393	..	*1	*3	*162	*559	*4
Agriculture, forestry, fishing
Commerce and public services
Households	..	*393	..	*1	*3	..	*396	*4
Other consumers	*162	*162	..
Non-energy use	..	*619	..	..	..	..	*619	..
2016								
Primary production	128	128	128
Imports	..	*14431	..	*1	*3	..	*14435	*4
Exports
International marine bunkers	..	*-8875	..	..	..	..	*-8875	..
International aviation bunkers	..	*-344	..	..	..	..	*-344	..
Stock changes
Total energy supply	..	*5213	..	*1	*3	128	*5345	132
Statistical Difference	..	0	..	0	0	0	0	128
Transfers
Transformation	..	*-1050	..	..	..	350	*-701	..
Electricity plants	..	*-1050	..	..	..	350	*-701	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-43	-43	..
Losses	*-72	*-72	..
Final consumption	..	*4162	..	*1	*3	*363	*4529	*4
Final energy consumption	..	*3535	..	*1	*3	*363	*3902	*4
Manufacturing, const., mining	..	*889	..	..	..	*190	*1079	..
Transport	..	*2249	..	..	..	..	*2249	..
Road	..	*2249	..	..	..	..	*2249	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*397	..	*1	*3	*173	*574	*4
Agriculture, forestry, fishing
Commerce and public services
Households	..	*397	..	*1	*3	..	*401	*4
Other consumers	*173	*173	..
Non-energy use	..	*627	..	..	..	..	*627	..

Bosnia and Herzegovina

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	122777	..	..	..	..	30354	..	19984	..	173114	50338
Imports	42266	0	38747	37995	7429	0	..	13939	..	140376	0
Exports	-4715	-8162	..	-10681	..	-6750	..	-21625	..	-51934	-6750
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-265	..	..	..	..	..	-265	..
Stock changes	-3027	-5080	-85	-2982	..	..	..	..	..	-11173	..
Total energy supply	157301	-13243	38662	24068	7429	23604	..	12298	..	250118	43588
Statistical difference	10	0	0	-16	0	-1	..	0	0	-7	19983
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-147132	25926	-38662	37203	-1890	-2641	..	36281	5621	-85295	-2641
Electricity plants	-103119	..	..	-566	-414	..	..	35489	..	-68610	..
CHP plants	-3258	..	..	..	..	..	..	792	1583	-883	..
Heat plants	-2522	..	..	-1091	-1476	-551	..	..	4038	-1601	-551
Coke ovens	-38234	33215	..	..	..	..	..	..	..	-5019	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-7289	..	..	..	..	..	..	..	-7289	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-38662	38859	..	..	..	..	..	197	..
Other transformation	..	..	..	..	..	-2090	..	..	..	-2090	-2090
Energy industries own use	-131	-7215	..	-5361	..	..	..	-5130	-60	-17897	..
Losses	0	..	..	..	-20	..	..	-5018	-363	-5401	..
Final consumption	10027	5468	..	55926	5519	20964	..	38430	5198	141532	20964
Final energy consumption	10027	5468	..	52991	5519	20964	..	38430	5198	138597	20964
Manufacturing, const., mining	3562	5468	..	4258	3040	785	..	14396	22	31532	785
Iron and steel	0	4412	..	848	968	..	..	2783	..	9012	..
Chemical and petrochemical	..	..	..	86	50	..	..	425	..	561	..
Non-ferrous metals	1644	..	..	43	1669	..	..	6163	..	9519	..
Non-metallic minerals	1545	1056	..	215	57	..	..	590	..	3463	..
Transport equipment	..	..	..	..	3	..	..	162	..	165	..
Machinery	30	..	..	86	6	..	..	724	..	846	..
Mining and quarrying	30	..	..	731	..	..	..	313	..	1074	..
Food and tobacco	222	..	..	602	206	..	..	821	..	1851	..
Paper, pulp and printing	10	..	..	..	18	..	..	727	..	755	..
Wood and wood products	10	..	..	215	13	..	..	605	..	842	..
Textile and leather	61	..	..	43	47	..	..	414	..	564	..
Construction	..	..	..	731	..	..	..	245	..	976	..
Industries n.e.s	10	0	..	658	4	785	..	425	22	1903	785
Transport	..	..	..	43023	..	..	..	328	..	43351	..
Road	..	..	..	43023	..	..	..	..	..	43023	..
Rail	..	..	..	..	..	..	..	328	..	328	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	6465	..	..	5710	2479	20179	..	23706	5176	63715	20179
Agriculture, forestry, fishing	10	..	..	474	..	..	..	205	1151	1841	..
Commerce, public services	..	..	..	237	1090	1589	..	..	..	2915	1589
Households	2138	..	..	3298	1389	18590	..	17014	4025	46454	18590
Other consumers	4317	..	..	1701	..	..	..	6487	..	12505	..
Non-energy use	..	..	..	2935	..	..	..	..	..	2935	..

Bosnia and Herzegovina

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	147396	..	..	..	..	30729	..	20394	..	198519	51123
Imports	38782	485	38535	46277	7733	..	..	11102	..	142915	..
Exports	-2787	-10760	..	-9800	..	-7040	..	-24628	..	-55014	-7040
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-441	..	..	..	..	..	-441	..
Stock changes	1662	-2626	-3173	-245	..	..	..	..	..	-4381	..
Total energy supply	185053	-12900	35363	35791	7733	23690	..	6869	..	281598	44084
Statistical difference	40	0	0	44	781	-1	..	4889	0	5753	20393
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-173873	24746	-35363	33772	-2022	-2847	..	43567	5657	-106362	-2847
Electricity plants	-133838	..	..	-606	-276	..	..	42804	..	-91917	..
CHP plants	-3381	..	..	..	..	..	..	763	1523	-1095	..
Heat plants	-2182	..	..	-646	-1746	-709	..	..	4134	-1150	-709
Coke ovens	-34471	31982	..	..	..	..	..	..	..	-2489	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-7236	..	..	..	..	..	..	..	-7236	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-35363	35025	..	..	..	..	..	-338	..
Other transformation	..	..	..	..	..	-2138	..	..	..	-2138	-2138
Energy industries own use	-119	-6867	..	-5248	..	..	..	-5630	-21	-17885	..
Losses	-108	..	..	..	-22	..	..	..	-356	-486	..
Final consumption	10913	4979	..	64272	4908	20844	..	39917	5280	151113	20844
Final energy consumption	10913	4979	..	61096	4908	20844	..	39917	5280	147937	20844
Manufacturing, const., mining	3265	4979	..	4651	2400	732	..	14684	22	30734	732
Iron and steel	..	4380	..	848	..	..	..	2927	..	8155	..
Chemical and petrochemical	..	..	..	86	46	..	..	457	..	589	..
Non-ferrous metals	1026	..	..	90	1971	..	..	6001	..	9089	..
Non-metallic minerals	1860	599	..	262	49	..	..	569	..	3339	..
Transport equipment	..	..	..	47	0	..	..	180	..	227	..
Machinery	32	..	..	181	5	..	..	821	..	1038	..
Mining and quarrying	22	..	..	602	..	..	..	335	..	958	..
Food and tobacco	259	..	..	757	230	..	..	918	..	2164	..
Paper, pulp and printing	..	..	..	47	22	..	..	680	..	749	..
Wood and wood products	..	..	..	172	29	..	..	637	..	838	..
Textile and leather	54	..	..	138	49	..	..	364	..	604	..
Construction	..	..	..	1377	..	..	..	234	..	1611	..
Industries n.e.s	11	0	..	43	2	732	..	562	22	1371	732
Transport	..	..	..	50077	4	..	..	263	..	50344	..
Road	..	..	..	50077	4	..	..	..	..	50081	..
Rail	..	..	..	..	..	..	..	263	..	263	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	7649	..	..	6368	2504	20112	..	24970	5258	66860	20112
Agriculture, forestry, fishing	0	..	..	522	..	..	..	241	1267	2030	..
Commerce, public services	..	..	..	284	1058	1496	..	..	..	2838	1496
Households	3079	..	..	3560	1446	18616	..	17039	3991	47731	18616
Other consumers	4570	..	..	2002	..	..	..	7690	..	14261	..
Non-energy use	..	..	..	3176	..	..	..	..	..	3176	..

Botswana

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	49190	..	..	..	..	6387	..	5	..	55582	6391
Imports	..	..	..	36908	80	3	..	5285	..	42276	3
Exports	-5710	..	..	..	..	..	..	..	..	-5710	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	*-410	..	..	..	..	..	*-410	..
Stock changes	*-11456	..	..	..	..	..	..	..	..	*-11456	..
Total energy supply	32023	..	..	36498	80	6390	..	5289	..	80280	6394
Statistical difference	2289	..	..	-3191	0	1	..	-17	..	-918	5
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-27800	..	..	-1548	..	*-1901	..	*10677	..	-20572	*-1901
Electricity plants	-27800	..	..	-1548	..	..	..	*10677	..	-18671	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	*-1901	..	..	..	*-1901	*-1901
Energy industries own use	..	..	..	..	..	..	..	*-1476	..	*-1476	..
Losses	..	..	..	..	..	..	..	-1925	..	-1925	..
Final consumption	1935	..	..	*38141	80	*4488	..	12582	..	57225	*4488
Final energy consumption	1935	..	..	*37340	80	*4488	..	12582	..	56425	*4488
Manufacturing, const., mining	1770	..	..	7402	80	..	..	5263	..	14515	..
Iron and steel	..	..	..	..	..	..	..	61	..	61	..
Chemical and petrochemical	..	..	..	..	..	..	..	83	..	83	..
Non-ferrous metals	..	..	..	..	..	..	..	83	..	83	..
Non-metallic minerals	..	..	..	0	..	..	..	72	..	72	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	1770	..	..	*5536	..	..	..	4298	..	11605	..
Food and tobacco	0	..	..	129	..	..	..	338	..	467	..
Paper, pulp and printing	..	..	..	40	..	..	..	32	..	73	..
Wood and wood products	..	..	..	..	..	..	..	32	..	32	..
Textile and leather	0	..	..	43	..	..	..	101	..	144	..
Construction	0	..	..	860	..	..	..	22	..	882	..
Industries n.e.s	0	..	..	794	80	..	..	140	..	1014	..
Transport	..	..	..	*28096	..	..	..	..	..	*28096	..
Road	..	..	..	*27433	..	..	..	..	..	*27433	..
Rail	..	..	..	331	..	..	..	..	..	331	..
Domestic aviation	..	..	..	332	..	..	..	..	..	332	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	165	..	..	*1841	..	*4488	..	7319	..	13813	*4488
Agriculture, forestry, fishing	118	..	..	*344	..	..	..	644	..	1106	..
Commerce, public services	47	..	..	*701	..	..	..	2848	..	3596	..
Households	..	..	..	596	..	*2271	..	3388	..	6255	*2271
Other consumers	0	..	..	201	..	*2216	..	439	..	*2856	*2216
Non-energy use	..	..	..	801	..	..	..	..	..	801	..

Botswana

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	44209	..	..	..	..	6387	..	7	..	50604	6395
Imports	..	..	..	40494	..	1	..	5940	..	46435	1
Exports	-4835	..	..	..	..	..	..	..	..	-4835	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-485	..	..	..	..	..	-485	..
Stock changes	*80	..	..	..	..	..	..	..	..	*80	..
Total energy supply	39454	..	..	40009	..	6388	..	5947	..	91798	6395
Statistical difference	-519	..	..	-3684	..	0	..	-43	..	-4246	7
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-38227	..	..	-86	..	*-1901	..	9670	..	-30545	*-1901
Electricity plants	-38227	..	..	-86	..	..	..	9670	..	-28644	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	*-1901	..	..	..	*-1901	*-1901
Energy industries own use	..	..	..	..	..	..	..	-1105	..	-1105	..
Losses	..	..	..	..	..	..	..	-2030	..	-2030	..
Final consumption	1746	..	..	43606	..	*4487	..	12524	..	62364	*4487
Final energy consumption	1746	..	..	42762	..	*4487	..	12524	..	61520	*4487
Manufacturing, const., mining	1581	..	..	7595	..	..	..	4975	..	14151	..
Iron and steel	..	..	..	..	..	..	..	61	..	61	..
Chemical and petrochemical	..	..	..	..	..	..	..	83	..	83	..
Non-ferrous metals	..	..	..	..	..	..	..	83	..	83	..
Non-metallic minerals	..	..	..	..	..	..	..	72	..	72	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	1581	..	..	5639	..	..	..	4010	..	11230	..
Food and tobacco	..	..	..	176	..	..	..	338	..	515	..
Paper, pulp and printing	..	..	..	40	..	..	..	32	..	73	..
Wood and wood products	..	..	..	..	..	..	..	32	..	32	..
Textile and leather	..	..	..	43	..	..	..	101	..	144	..
Construction	..	..	..	903	..	..	..	22	..	925	..
Industries n.e.s	0	..	..	794	..	..	..	140	..	934	..
Transport	..	..	..	33318	..	..	..	..	..	33318	..
Road	..	..	..	32799	..	..	..	..	..	32799	..
Rail	..	..	..	430	..	..	..	..	..	430	..
Domestic aviation	..	..	..	89	..	..	..	..	..	89	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	165	..	..	1849	..	*4487	..	7549	..	14050	*4487
Agriculture, forestry, fishing	118	..	..	434	..	..	..	691	..	1243	..
Commerce, public services	47	..	..	821	..	..	..	2948	..	3817	..
Households	..	..	..	550	..	*2271	..	3438	..	6260	*2271
Other consumers	..	..	..	43	..	*2216	..	472	..	*2730	*2216
Non-energy use	..	..	..	844	..	..	..	..	..	844	..

Brazil

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	118184	..	5880974	..	770455	3539954	159127	1373141	..	11841835	4913095
Imports	619137	70089	696525	913577	641579	17742	..	124711	..	3083360	17742
Exports	0	..	-1723595	-237531	..	-45492	..	-788	..	-2007407	-45492
International marine bunkers	..	..	..	-174110	..	..	..	..	..	-174110	..
International aviation bunkers	..	..	..	-102533	..	..	..	..	..	-102533	..
Stock changes	12629	1955	-52765	16633	..	38220	..	..	..	16672	38220
Total energy supply	749951	72044	4801139	416036	1412033	3550424	159127	1497064	..	12657818	4923565
Statistical difference	8620	2315	20294	-159003	157	3026	0	4	..	-124587	1376166
Transfers	..	..	-82278	122555	..	-125788	..	..	..	-85511	-125788
Transformation	-547996	338102	-4698566	4288338	-650093	-571479	-159127	719280	..	-1281541	-571479
Electricity plants	*-266396	-10749	..	*-272213	*-650093	-468307	-159127	719280	..	-1107605	-468307
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-281600	348851	..	-34125	..	..	..	..	..	33126	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-174413	138828	..	..	..	..	..	-35585	..
Oil refineries	..	..	-4524153	4455848	..	..	..	..	..	-68305	..
Other transformation	..	..	..	..	..	-103172	..	..	..	-103172	-103172
Energy industries own use	..	-8241	..	-268089	-242186	-476986	..	-114826	..	-1110327	-476986
Losses	-516	-244	..	-4063	-18404	-5054	..	-327841	..	-356122	-5054
Final consumption	192819	399345	..	4713781	501194	2368091	..	1773673	..	9948904	2368091
Final energy consumption	192819	399345	..	4129895	474064	2368091	..	1773673	..	9337888	2368091
Manufacturing, const., mining	192819	399345	..	488742	393983	1283798	..	712552	..	3471239	1283798
Iron and steel	101188	382731	..	10536	48687	160422	..	89302	..	792867	160422
Chemical and petrochemical	9530	..	..	96520	88022	6026	..	81223	..	281320	6026
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	82102	16614	..	381687	257274	1117350	..	542027	..	2397053	1117350
Transport	..	..	..	3059272	61502	639287	..	7398	..	3767458	639287
Road	..	..	..	2817960	61502	639287	..	..	..	3518748	639287
Rail	..	..	..	42785	..	..	..	7398	..	50183	..
Domestic aviation	..	..	..	158901	..	..	..	..	..	158901	..
Domestic navigation	..	..	..	39626	..	..	..	..	..	39626	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	581881	18580	445006	..	1053724	..	2099191	445006
Agriculture, forestry, fishing	..	..	..	279472	0	106584	..	96444	..	482500	106584
Commerce, public services	..	..	..	..	..	..	..	485593	..	485593	..
Households	..	..	..	273362	12341	330845	..	471686	..	1088234	330845
Other consumers	..	..	..	29048	6239	7577	..	..	..	42863	7577
Non-energy use	..	..	..	583886	27130	..	..	..	..	611015	..

Brazil

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	130312	..	6052775	..	799856	3536192	171331	1492142	..	12182608	5028334
Imports	595622	33808	361967	961153	408763	17929	..	148727	..	2527968	17929
Exports	0	..	-1980123	-225170	..	-38337	..	-1865	..	-2245495	-38337
International marine bunkers	..	..	..	-142955	..	..	..	..	..	-142955	..
International aviation bunkers	..	..	..	-95168	..	..	..	..	..	-95168	..
Stock changes	-15996	-702	-22620	-262	..	6504	..	..	..	-33077	6504
Total energy supply	709937	33105	4411998	497597	1208619	3522288	171331	1639004	..	12193881	5014430
Statistical difference	-457	-455	4424	-158482	-5884	4643	0	-7	..	-156218	1496786
Transfers	..	..	-82427	90446	..	-121075	..	..	..	-113056	-121075
Transformation	-546937	339274	-4325148	4118302	-451731	-611135	-171331	591887	..	-1056819	-611135
Electricity plants	*-259050	-11417	..	*-135183	*-451731	-522331	-171331	591887	..	-959156	-522331
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-287886	350691	..	-35165	..	..	..	..	..	27640	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-186789	133680	..	..	..	..	..	-53109	..
Oil refineries	..	..	-4138359	4154969	..	..	..	..	..	16610	..
Other transformation	..	..	..	..	..	-88804	..	..	..	-88804	-88804
Energy industries own use	..	-9020	..	-229792	-259936	-443696	..	-107179	..	-1049624	-443696
Losses	-471	-214	..	-4063	-15318	-4617	..	-353941	..	-378623	-4617
Final consumption	162987	363601	..	4630972	487518	2337121	..	1769778	..	9751977	2337121
Final energy consumption	162987	363601	..	4065549	460692	2337121	..	1769778	..	9159728	2337121
Manufacturing, const., mining	162987	363601	..	463875	376448	1341846	..	706367	..	3415124	1341846
Iron and steel	94152	349583	..	13133	40094	136656	..	83858	..	717477	136656
Chemical and petrochemical	7119	..	..	96114	87055	5634	..	79567	..	275489	5634
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	61716	14018	..	354628	249299	1199556	..	542941	..	2422157	1199556
Transport	..	..	..	3066359	63102	573413	..	7225	..	3710099	573413
Road	..	..	..	2848410	63102	573413	..	..	..	3484925	573413
Rail	..	..	..	41968	..	..	..	7225	..	49193	..
Domestic aviation	..	..	..	145406	..	..	..	..	..	145406	..
Domestic navigation	..	..	..	30575	..	..	..	..	..	30575	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	535315	21142	421863	..	1056186	..	2034505	421863
Agriculture, forestry, fishing	..	..	..	232111	..	99049	..	101671	..	432832	99049
Commerce, public services	..	..	..	..	..	..	..	476093	..	476093	..
Households	..	..	..	274664	14122	315617	..	478422	..	1082825	315617
Other consumers	..	..	..	28540	7020	7197	..	..	..	42756	7197
Non-energy use	..	..	..	565423	26826	..	..	..	..	592250	..

British Virgin Islands

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	14	..	*6	20	20
Imports	..	*2968	..	..	1	..	*2969	1
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*2968	..	14	1	*6	*2989	21
Statistical Difference	..	0	..	0	0	0	0	6
Transfers
Transformation	..	*-1763	..	*-4	2	*713	*-1052	*-2
Electricity plants	..	*-1763	..	..	..	*713	*-1050	..
Charcoal plants	*-4	2	..	*-2	*-2
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-31	*-31	..
Losses	*-43	*-43	..
Final consumption	..	*1205	..	*10	*3	*644	*1862	*13
Final energy consumption	..	*1205	..	*10	*3	*644	*1862	*13
Manufacturing, const., mining	*36	*36	..
Transport	..	*1029	..	..	..	..	*1029	..
Road	..	*642	..	..	..	..	*642	..
Domestic aviation
Domestic navigation
Other transport	..	*387	..	..	..	..	*387	..
Other	..	*175	..	*10	*3	*608	*797	*13
Agriculture, forestry, fishing
Commerce and public services	*230	*230	..
Households	..	*175	..	*10	*3	*378	*567	*13
Other consumers
Non-energy use
2016								
Primary production	14	..	*6	21	21
Imports	..	*2968	..	..	1	..	*2969	1
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*2968	..	14	1	*6	*2989	22
Statistical Difference	..	0	..	0	0	0	0	6
Transfers
Transformation	..	*-1763	..	*-4	2	*720	*-1045	*-2
Electricity plants	..	*-1763	..	..	..	*720	*-1043	..
Charcoal plants	*-4	2	..	*-2	*-2
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-31	*-31	..
Losses	*-43	*-43	..
Final consumption	..	*1205	..	*10	*3	*652	*1870	*14
Final energy consumption	..	*1205	..	*10	*3	*652	*1870	*14
Manufacturing, const., mining	*36	*36	..
Transport	..	*1029	..	..	..	..	*1029	..
Road	..	*642	..	..	..	..	*642	..
Domestic aviation
Domestic navigation
Other transport	..	*387	..	..	..	..	*387	..
Other	..	*175	..	*10	*3	*616	*804	*14
Agriculture, forestry, fishing
Commerce and public services	*238	*238	..
Households	..	*175	..	*10	*3	*378	*567	*14
Other consumers
Non-energy use

Brunei Darussalam

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	278541	..	394139	106	..	7	..	672793	114
Imports	300	13588	..	15	..	..	..	13902	15
Exports	-264593	0	-300908	0	..	..	..	-565501	0
International marine bunkers	-3740	..	..	..	..	..	-3740	..
International aviation bunkers	-3616	..	..	..	..	..	-3616	..
Stock changes	3928	-214	-3749	..	..	..	..	-34	..
Total energy supply	18176	6018	89483	121	..	7	..	113805	128
Statistical difference	-3607	-159	0	0	..	-814	..	-4580	7
Transfers
Transformation	-21783	20671	-41790	*-8	..	15113	..	-27797	*-8
Electricity plants	-473	-36653	..	..	13450	..	-23676	..
CHP plants	-5137	..	..	1663	..	-3474	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-796	851	..	..	..	..	..	56	..
Oil refineries	-20987	20293	..	..	..	..	..	-695	..
Other transformation	*-8	..	..	..	*-8	*-8
Energy industries own use	-446	-29912	..	..	-2758	..	-33116	..
Losses	-15497	..	..	-968	..	-16466	..
Final consumption	26403	2283	*113	..	12208	..	41007	*113
Final energy consumption	25840	662	*113	..	12208	..	38823	*113
Manufacturing, const., mining	5627	..	..	..	680	..	6308	..
Iron and steel
Chemical and petrochemical	248	..	..	..	108	..	356	..
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	5380	..	..	..	572	..	5952	..
Transport	18940	..	..	..	..	..	18940	..
Road	18940	..	..	..	..	..	18940	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	1273	662	*113	..	11527	..	13576	*113
Agriculture, forestry, fishing
Commerce, public services	6602	..	6602	..
Households	757	662	*113	..	4925	..	6457	*113
Other consumers	516	..	..	..	..	..	516	..
Non-energy use	563	1621	..	..	..	..	2184	..

Brunei Darussalam

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	252406	..	380146	106	..	4	..	632662	110
Imports	150	16275	..	9	..	..	..	16434	9
Exports	-239568	0	-283580	0	..	..	..	-523148	0
International marine bunkers	-1576	..	..	..	..	..	-1576	..
International aviation bunkers	-3263	..	..	..	..	..	-3263	..
Stock changes	1115	485	1134	..	..	..	..	2734	..
Total energy supply	14103	11920	97700	115	..	4	..	123842	119
Statistical difference	-723	687	-3441	0	..	0	..	-3477	4
Transfers
Transformation	-14826	13992	-45451	*-8	..	15368	..	-30924	*-8
Electricity plants	-473	-39966	..	..	13831	..	-26608	..
CHP plants	-5485	..	..	1537	..	-3947	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-707	757	..	..	..	..	..	50	..
Oil refineries	-14119	13709	..	..	..	..	..	-410	..
Other transformation	*-8	..	..	..	*-8	*-8
Energy industries own use	-495	-34215	..	..	-2880	..	-37590	..
Losses	-2362	..	..	-875	..	-3236	..
Final consumption	24731	19112	*107	..	11617	..	55568	*107
Final energy consumption	24369	692	*107	..	11617	..	36786	*107
Manufacturing, const., mining	4453	..	..	..	475	..	4929	..
Iron and steel
Chemical and petrochemical	149	..	..	..	..	..	149	..
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	4305	..	..	..	475	..	4780	..
Transport	18686	..	..	..	..	..	18686	..
Road	18686	..	..	..	..	..	18686	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	1230	692	*107	..	11142	..	13171	*107
Agriculture, forestry, fishing
Commerce, public services	6152	..	6152	..
Households	757	692	*107	..	4990	..	6546	*107
Other consumers	473	..	..	..	..	..	473	..
Non-energy use	362	18420	..	..	..	..	18782	..

Bulgaria

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	245581	..	1058	..	3538	53397	166771	30586	3960	504891	84978
Imports	29489	2166	257276	121713	105467	5755	..	15304	..	537171	5755
Exports	-245	..	..	-189587	-82	*-6479	..	-53374	..	-249767	*-6479
International marine bunkers	..	..	..	-3686	..	..	..	..	..	-3686	..
International aviation bunkers	..	..	..	-7585	..	..	..	..	..	-7585	..
Stock changes	-468	651	-2369	-2253	-286	*-1045	..	..	..	-5770	*-1045
Total energy supply	274358	2817	255965	-81399	108637	51628	166771	-7484	3960	775253	83208
Statistical difference	1197	-74	0	192	232	38	0	79	2	1666	30623
Transfers	..	..	..	236	..	..	..	..	..	236	..
Transformation	-260321	-27	-255965	245948	-39686	-2283	-166771	144886	48207	-286013	-2283
Electricity plants	-220086	-3035	..	-407	-44	-215	-166136	130651	-490	-259762	-215
CHP plants	-25170	-9575	..	-6958	-25922	*-1727	-635	14234	40154	-15599	*-1727
Heat plants	-146	-13	..	-98	-8863	*-322	..	..	8543	-899	*-322
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-14919	12596	..	..	..	..	..	..	..	-2322	..
Liquefaction plants	..	..	3564	..	..	..	..	..	..	3564	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-259529	253410	..	..	..	..	..	-6119	..
Other transformation	..	..	..	..	-4857	*-19	..	..	..	-4876	*-19
Energy industries own use	-14	-13	..	-16179	-1778	..	..	-21722	-9760	-49467	..
Losses	-417	..	..	-43	-543	..	..	-13626	-5846	-20475	..
Final consumption	12409	2851	..	148371	66398	*49307	..	101974	36559	417869	*50302
Final energy consumption	12075	913	..	136078	55000	*49307	..	101974	36559	391906	*50302
Manufacturing, const., mining	7134	228	..	7766	38471	*12123	..	32206	15493	113421	*10806
Iron and steel	..	..	..	..	2082	0	..	2545	..	4627	0
Chemical and petrochemical	3975	171	..	720	13366	*453	..	4763	12961	36409	*453
Non-ferrous metals	..	29	..	546	1364	..	..	3107	563	5609	..
Non-metallic minerals	2944	..	..	3940	10573	1747	..	3190	4	22398	430
Transport equipment	..	..	..	..	310	2	..	425	1	737	2
Machinery	28	..	..	176	1611	*36	..	3352	23	5226	*36
Mining and quarrying	..	..	..	245	782	1	..	3848	..	4877	1
Food and tobacco	35	29	..	474	3917	*1158	..	4327	468	10407	*1158
Paper, pulp and printing	14	..	..	..	1933	*6793	..	1454	15	*10209	*6793
Wood and wood products	28	..	..	..	155	*1665	..	745	..	*2593	*1665
Textile and leather	111	..	..	126	752	*137	..	1368	294	2789	*137
Construction	..	..	..	1491	1107	*7	..	940	70	3615	*7
Industries n.e.s	0	0	..	47	519	*124	..	2142	1094	3927	*124
Transport	..	..	..	119643	9984	5977	..	1267	..	136871	5977
Road	..	..	..	118382	3843	5977	..	194	..	128396	5977
Rail	..	..	..	688	..	..	..	976	..	1664	..
Domestic aviation	..	..	..	574	..	..	..	..	..	574	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	6141	..	..	97	..	6238	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	4941	685	..	8668	6545	*31208	..	68501	21066	141614	*33520
Agriculture, forestry, fishing	263	13	..	5556	649	*470	..	796	115	7862	*470
Commerce, public services	215	13	..	839	3729	*756	..	29387	6619	41557	2664
Households	4463	658	..	1466	2167	*29982	..	38318	14332	91387	*30386
Other consumers	..	..	..	808	..	..	..	..	..	808	..
Non-energy use	334	1938	..	12294	11398	..	..	..	..	25963	..

Bulgaria

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	214200	..	1015	..	3209	54972	170993	24311	4314	473015	79964
Imports	21315	2765	262649	119348	108585	6414	..	16445	..	537520	6414
Exports	-116	..	..	-195749	-96	*-5349	..	-39384	..	-240694	*-5349
International marine bunkers	..	..	..	-3305	..	..	..	..	..	-3305	..
International aviation bunkers	..	..	..	-9129	..	..	..	..	..	-9129	..
Stock changes	983	4	1692	-4271	781	*-43	..	..	..	-854	*-43
Total energy supply	236382	2769	265356	-93105	112479	55994	170993	1372	4314	756552	80985
Statistical difference	-317	-70	42	324	870	0	0	148	-31	967	24311
Transfers	..	..	..	647	..	..	..	..	..	647	..
Transformation	-224362	419	-265313	254607	-42911	*-4153	-170993	136433	45602	-270672	*-4153
Electricity plants	-190054	-3526	..	-1286	-632	-572	-170381	122382	-673	-244741	-572
CHP plants	-17473	-11310	..	-8318	-25295	*-2553	-612	14051	37699	-13813	*-2553
Heat plants	-91	-23	..	-98	-8682	*-959	..	..	8576	-1277	*-959
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-16744	15278	..	..	..	..	..	..	..	-1466	..
Liquefaction plants	..	..	6084	..	..	..	..	..	..	6084	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-271397	264309	..	..	..	..	..	-7089	..
Other transformation	..	..	..	..	-8302	*-69	..	..	..	-8371	*-69
Energy industries own use	-7	-12	..	-17382	-1297	..	..	-20747	-8445	-47889	..
Losses	..	..	..	-43	-377	..	..	-12877	-6331	-19628	..
Final consumption	12329	3246	..	144400	67024	*51841	..	104033	35171	418043	*52522
Final energy consumption	11994	1194	..	137935	54967	*51841	..	104033	35171	397134	*52522
Manufacturing, const., mining	6088	798	..	8460	38509	12027	..	32076	12717	110675	10321
Iron and steel	..	..	..	..	2042	*2	..	2606	..	4651	*2
Chemical and petrochemical	3301	770	..	1708	13557	*33	..	4543	11015	34926	*33
Non-ferrous metals	..	29	..	546	1350	..	..	2772	763	5459	..
Non-metallic minerals	2579	..	..	4095	11181	2534	..	3211	4	23603	828
Transport equipment	..	..	..	..	322	*1	..	392	1	717	*1
Machinery	..	..	..	262	1715	*20	..	3542	24	5564	*20
Mining and quarrying	..	..	..	248	733	*2	..	3899	..	4881	*2
Food and tobacco	28	..	..	485	3666	*1020	..	4385	360	9943	*1020
Paper, pulp and printing	41	..	..	..	1984	*6513	..	1570	17	*10124	*6513
Wood and wood products	..	..	..	..	69	*1632	..	720	..	*2421	*1632
Textile and leather	140	..	..	43	758	*73	..	1339	448	2801	*73
Construction	..	..	..	1026	582	*5	..	904	71	2588	*5
Industries n.e.s	0	0	..	47	551	192	..	2192	14	2996	192
Transport	..	..	..	121593	9629	6666	..	1274	..	139162	6666
Road	..	..	..	120196	3616	6666	..	198	..	130676	6666
Rail	..	..	..	559	..	..	..	986	..	1545	..
Domestic aviation	..	..	..	838	..	..	..	..	..	838	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	6013	..	..	90	..	6103	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	5906	396	..	7883	6828	*33148	..	70682	22454	147297	*35535
Agriculture, forestry, fishing	299	..	..	5040	610	741	..	803	332	7825	741
Commerce, public services	237	..	..	1015	3752	670	..	31241	8127	45042	2653
Households	5369	396	..	1183	2466	*31737	..	38639	13995	93784	*32141
Other consumers	..	..	..	646	..	..	..	..	..	646	..
Non-energy use	336	2052	..	6465	12057	..	..	..	..	20909	..

Burkina Faso

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	125901	..	336	126238	126238
Imports	..	50115	..	0	..	1595	51709	0
Exports	0	-354	..	-354	-354
International marine bunkers
International aviation bunkers	..	-1380	..	..	..	..	-1380	..
Stock changes	..	*-3843	..	..	..	..	*-3843	..
Total energy supply	..	44892	..	125901	-354	1931	172370	125884
Statistical Difference	..	0	..	0	0	0	0	336
Transfers
Transformation	..	-7901	..	*-36878	19850	3261	*-21669	*-17028
Electricity plants	..	-7901	..	..	..	3261	-4641	..
Charcoal plants	*-36878	19850	..	*-17028	*-17028
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-211	-211	..
Losses	-660	-660	..
Final consumption	..	*36991	..	*89023	*19496	*4321	*149832	*108520
Final energy consumption	..	*36957	..	*89023	*19496	*4321	*149798	*108520
Manufacturing, const., mining	..	*11771	..	*633	..	1642	*14047	*633
Transport	..	*22002	..	..	..	..	*22002	..
Road	..	*22002	..	..	..	..	*22002	..
Domestic aviation
Domestic navigation
Other transport
Other	..	3183	..	*88390	*19496	*2679	*113748	*107886
Agriculture, forestry, fishing	*50	*50	..
Commerce and public services	*1779	*1779	..
Households	..	3183	..	*88390	*19496	*850	*111919	*107886
Other consumers
Non-energy use	..	*34	..	..	..	..	*34	..
2016								
Primary production	127336	..	502	127838	127838
Imports	..	40867	..	18	..	2267	43152	18
Exports	0	-354	..	-354	-354
International marine bunkers
International aviation bunkers	..	-988	..	..	..	..	-988	..
Stock changes	..	6190	..	..	..	..	6190	..
Total energy supply	..	46069	..	127354	-354	2769	175838	127502
Statistical Difference	..	0	..	0	0	0	0	502
Transfers
Transformation	..	*-7901	..	*-37801	20345	3001	*-22356	*-17456
Electricity plants	..	*-7901	..	..	..	3001	*-4900	..
Charcoal plants	*-37801	20345	..	*-17456	*-17456
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-211	-211	..
Losses	*-660	*-660	..
Final consumption	..	*38168	..	*89553	*19991	*4900	*152612	*109544
Final energy consumption	..	*38134	..	*89553	*19991	*4900	*152578	*109544
Manufacturing, const., mining	..	*10420	..	*633	..	*1862	*12915	*633
Transport	..	24379	..	..	..	..	24379	..
Road	..	24379	..	..	..	..	24379	..
Domestic aviation
Domestic navigation
Other transport
Other	..	3335	..	*88920	*19991	*3038	*115284	*108911
Agriculture, forestry, fishing	*57	*57	..
Commerce and public services	*2018	*2018	..
Households	..	3335	..	*88920	*19991	*963	*113209	*108911
Other consumers
Non-energy use	..	*34	..	..	..	..	*34	..

Burundi

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	58	..	..	55380	..	494	55932	55874
Imports	..	5339	..	..	..	*346	5684	..
Exports	..	..	..	-9	..	..	-9	-9
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-125	..	..	..	..	-125	..
Stock changes	..	20	..	..	..	..	20	..
Total energy supply	58	5234	..	55371	..	840	61502	55865
Statistical Difference	0	1	..	0	0	0	1	494
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-368	..	*-14470	7788	103	*-6946	*-6682
Electricity plants	..	*-368	..	..	..	103	*-264	..
Charcoal plants	..	..	..	*-14470	7788	..	*-6682	*-6682
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-29	-29	..
Losses	..	..	..	..	..	*-144	*-144	..
Final consumption	58	4865	..	*40901	*7788	*770	*54383	*48689
Final energy consumption	58	4562	..	*40901	*7788	*770	*54080	*48689
Manufacturing, const., mining	..	*48	..	*579	..	*308	*936	*579
Transport	..	4471	..	..	..	..	4471	..
Road	..	4471	..	..	..	..	4471	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	58	*43	..	*40322	*7788	*462	*48673	*48110
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	..	..	..
Households	58	*43	..	*40322	*7788	*383	*48594	*48110
Other consumers	..	..	..	..	..	*79	*79	..
Non-energy use	..	303	..	..	..	..	303	..
2016								
Primary production	140	..	..	55396	..	516	56052	55912
Imports	..	6445	..	..	..	*360	6805	..
Exports	..	..	..	-9	..	..	-9	-9
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-67	..	..	..	..	-67	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	140	6379	..	55387	..	876	62782	55903
Statistical Difference	0	0	..	0	0	*12	12	516
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-307	..	*-14470	7788	87	*-6902	*-6682
Electricity plants	..	*-307	..	..	..	87	*-220	..
Charcoal plants	..	..	..	*-14470	7788	..	*-6682	*-6682
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-29	-29	..
Losses	..	..	..	..	..	*-144	*-144	..
Final consumption	140	6072	..	*40917	*7788	*778	*55695	*48705
Final energy consumption	140	5716	..	*40917	*7788	*778	*55340	*48705
Manufacturing, const., mining	..	*48	..	*596	..	*311	*955	*596
Transport	..	5635	..	..	..	..	5635	..
Road	..	5635	..	..	..	..	5635	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	140	*33	..	*40322	*7788	*467	*48749	*48110
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	..	..	..
Households	140	*33	..	*40322	*7788	*387	*48669	*48110
Other consumers	..	..	..	..	..	*80	*80	..
Non-energy use	..	356	..	..	..	..	356	..

Cabo Verde

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	*1516	..	305	*1821	*1821
Imports	..	*11993	..	..	0	..	*11993	0
Exports
International marine bunkers	..	*-2877	..	..	..	..	*-2877	..
International aviation bunkers	..	*-2200	..	..	..	..	*-2200	..
Stock changes
Total energy supply	..	*6917	..	*1516	0	305	*8738	*1821
Statistical Difference	..	0	..	0	0	0	0	*305
Transfers
Transformation	..	-3047	..	*-30	*19	1210	-1848	*-10
Electricity plants	..	-3047	..	..	..	1210	-1837	..
Charcoal plants	*-30	*19	..	*-10	*-10
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	*-41	..	..	..	-42	-83	..
Losses	-376	-376	..
Final consumption	..	*3829	..	*1487	*19	*1096	*6431	*1506
Final energy consumption	..	*3793	..	*1487	*19	*1096	*6395	*1506
Manufacturing, const., mining	..	0	..	..	..	*124	*124	..
Transport	..	*3213	..	..	..	..	*3213	..
Road	..	*2405	..	..	..	..	*2405	..
Domestic aviation	..	614	..	..	..	..	614	..
Domestic navigation	..	*194	..	..	..	..	*194	..
Other transport
Other	..	*579	..	*1487	*19	*972	*3057	*1506
Agriculture, forestry, fishing
Commerce and public services	..	*237	..	..	*17	*171	*424	*17
Households	..	*343	..	*1487	*2	*347	*2179	*1489
Other consumers	*454	*454	..
Non-energy use	..	*36	..	..	..	..	*36	..
2016								
Primary production	*1501	..	297	*1798	*1798
Imports	..	*12628	..	..	..	..	*12628	..
Exports
International marine bunkers	..	*-3106	..	..	..	..	*-3106	..
International aviation bunkers	..	*-1996	..	..	..	..	*-1996	..
Stock changes
Total energy supply	..	*7526	..	*1501	..	297	*9324	*1798
Statistical Difference	..	*5	..	0	0	0	*5	*297
Transfers
Transformation	..	-3319	..	*-29	*19	1301	-2028	*-10
Electricity plants	..	-3319	..	..	..	1301	-2018	..
Charcoal plants	*-29	*19	..	*-10	*-10
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	*-44	..	..	..	-38	*-82	..
Losses	*-424	*-424	..
Final consumption	..	*4159	..	*1472	*19	*1136	*6785	*1491
Final energy consumption	..	*4119	..	*1472	*19	*1136	*6746	*1491
Manufacturing, const., mining	..	0	..	..	..	*128	*129	..
Transport	..	*3508	..	..	..	..	*3508	..
Road	..	*2729	..	..	..	..	*2729	..
Domestic aviation	..	558	..	..	..	..	558	..
Domestic navigation	..	*221	..	..	..	..	*221	..
Other transport
Other	..	*611	..	*1472	*19	*1008	*3109	*1491
Agriculture, forestry, fishing
Commerce and public services	..	*251	..	..	*17	*177	*444	*17
Households	..	*361	..	*1472	*2	*360	*2195	*1474
Other consumers	*471	*471	..
Non-energy use	..	*39	..	..	..	..	*39	..

Cambodia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	..	..	176685	..	7211	183896	183896
Imports	24560	84946	..	..	..	5494	115000	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-4013	..	..	..	..	-4013	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	24560	80933	..	176685	..	12704	294883	183896
Statistical Difference	0	0	..	0	0	0	0	7211
Transfers	..	-4	..	..	..	..	-4	..
Transformation	-24023	-2463	..	-52018	26845	8618	-43041	-25173
Electricity plants	-24023	-2463	..	-545	..	8618	-18413	-545
Charcoal plants	..	..	..	-51473	26845	..	-24628	-24628
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-464	-464	..
Losses	..	..	..	..	..	-2916	-2916	..
Final consumption	537	78467	..	124667	26845	17942	248458	151512
Final energy consumption	537	76577	..	124667	26845	17942	246569	151512
Manufacturing, const., mining	537	2297	..	37089	..	3244	43167	37089
Transport	..	59178	..	..	..	..	59178	..
Road	..	50228	..	..	..	..	50228	..
Domestic aviation	..	265	..	..	..	..	265	..
Domestic navigation	..	1806	..	..	..	..	1806	..
Other transport	..	6880	..	..	..	..	6880	..
Other	..	15102	..	87578	26845	14699	144223	114423
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	4961	4961	..
Households	..	7663	..	87578	26845	9043	131129	114423
Other consumers	..	7439	..	..	..	695	8134	..
Non-energy use	..	1889	..	..	..	..	1889	..
2016								
Primary production	..	..	..	181401	..	9439	190840	190840
Imports	28419	96079	..	..	..	5699	130196	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-3793	..	..	..	..	-3793	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	28419	92286	..	181401	..	15138	317244	190840
Statistical Difference	0	47	..	0	0	7	55	9439
Transfers	..	-3	..	..	..	..	-3	..
Transformation	-27722	-4105	..	*-52259	27229	10699	-46159	*-25031
Electricity plants	-27722	-4105	..	*-602	..	10699	-21730	*-602
Charcoal plants	..	..	..	*-51657	27229	..	*-24429	*-24429
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-670	-670	..
Losses	..	..	..	..	..	-3370	-3370	..
Final consumption	696	88131	..	*129142	27229	21791	266988	*156371
Final energy consumption	696	87126	..	*129142	27229	21791	265983	*156371
Manufacturing, const., mining	696	7961	..	*39640	..	5440	*53736	*39640
Transport	..	69903	..	..	..	..	69903	..
Road	..	58358	..	..	..	..	58358	..
Domestic aviation	..	838	..	..	..	..	838	..
Domestic navigation	..	2236	..	..	..	..	2236	..
Other transport	..	8471	..	..	..	..	8471	..
Other	..	9262	..	*89502	27229	16351	*142344	*116731
Agriculture, forestry, fishing	..	1978	..	..	..	..	1978	..
Commerce and public services	..	5014	..	..	..	9544	14557	..
Households	..	2270	..	*89502	27229	6779	*125780	*116731
Other consumers	..	..	..	..	..	29	29	..
Non-energy use	..	1005	..	..	..	..	1005	..

Cameroon

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	199910	..	17258	261771	..	15692	..	494632	277463
Imports	59939	29055	..	..	..	216	..	89210	..
Exports	-180621	-16272	..	..	..	..	..	-196893	..
International marine bunkers	0	..	..	..	..	..	0	..
International aviation bunkers	-4278	..	..	..	..	..	-4278	..
Stock changes	646	..	..	..	..	..	646	..
Total energy supply	79228	9152	17258	261771	..	15908	..	383317	277463
Statistical difference	2030	4620	189	1	..	0	..	6841	15693
Transfers
Transformation	-77198	56015	-17069	*-36704	..	12902	..	-62054	*-36704
Electricity plants	-13291	-17069	*-25	..	12902	..	-17483	*-25
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-77198	69306	..	..	..	..	..	-7891	..
Other transformation	*-36679	..	..	..	*-36679	*-36679
Energy industries own use	-1188	..	..	..	-839	..	-2027	..
Losses	-2178	..	..	..	-5987	..	-8165	..
Final consumption	57180	..	*225066	..	21985	..	*304231	*225066
Final energy consumption	54688	..	*225066	..	21985	..	*301739	*225066
Manufacturing, const., mining	2916	..	..	..	12269	..	15184	..
Iron and steel	328	..	328	..
Chemical and petrochemical
Non-ferrous metals	5364	..	5364	..
Non-metallic minerals	161	..	..	..	515	..	676	..
Transport equipment
Machinery
Mining and quarrying	2171	..	2171	..
Food and tobacco	720	..	720	..
Paper, pulp and printing
Wood and wood products
Textile and leather	104	..	104	..
Construction
Industries n.e.s	2755	..	..	..	3067	..	5822	..
Transport	43442	..	..	..	..	..	43442	..
Road	43221	..	..	..	..	..	43221	..
Rail
Domestic aviation	221	..	..	..	..	..	221	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	8330	..	*225066	..	9716	..	*243113	*225066
Agriculture, forestry, fishing	209	..	209	..
Commerce, public services	*39998	..	1717	..	*41715	*39998
Households	6889	..	*185062	..	4691	..	*196641	*185062
Other consumers	1442	..	6	..	3100	..	4547	6
Non-energy use	2492	..	..	..	..	..	2492	..

Cameroon

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	197668	..	18639	266807	..	16600	..	499714	283407
Imports	57274	30029	..	..	..	198	..	87501	..
Exports	-178591	-16753	..	..	..	..	..	-195343	..
International marine bunkers	0	..	..	..	..	..	0	..
International aviation bunkers	-4454	..	..	..	..	..	-4454	..
Stock changes	424	..	..	..	..	..	424	..
Total energy supply	76352	9246	18639	266807	..	16798	..	387841	283407
Statistical difference	0	2659	204	1	..	0	..	2864	16601
Transfers
Transformation	-76352	54946	-18435	*-37678	..	13522	..	-63996	*-37678
Electricity plants	-13630	-18435	*-26	..	13522	..	-18569	*-26
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-76352	68576	..	..	..	..	..	-7775	..
Other transformation	*-37652	..	..	..	*-37652	*-37652
Energy industries own use	-1188	..	..	..	-882	..	-2070	..
Losses	-2129	..	..	..	-6307	..	-8436	..
Final consumption	58217	..	*229128	..	23130	..	*310475	*229128
Final energy consumption	55604	..	*229128	..	23130	..	*307862	*229128
Manufacturing, const., mining	2999	..	..	..	12895	..	15894	..
Iron and steel	342	..	342	..
Chemical and petrochemical
Non-ferrous metals	5638	..	5638	..
Non-metallic minerals	161	..	..	..	544	..	704	..
Transport equipment
Machinery
Mining and quarrying	2282	..	2282	..
Food and tobacco	756	..	756	..
Paper, pulp and printing
Wood and wood products
Textile and leather	112	..	112	..
Construction
Industries n.e.s	2838	..	..	..	3222	..	6060	..
Transport	44045	..	..	..	..	..	44045	..
Road	43825	..	..	..	..	..	43825	..
Rail
Domestic aviation	221	..	..	..	..	..	221	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	8560	..	*229128	..	10235	..	*247923	*229128
Agriculture, forestry, fishing	220	..	220	..
Commerce, public services	*40658	..	1807	..	*42465	*40658
Households	7071	..	*188465	..	4943	..	*200478	*188465
Other consumers	1489	..	6	..	3265	..	4760	6
Non-energy use	2613	..	..	..	..	..	2613	..

Canada

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	1295881	..	9070539	..	5826011	571480	1099537	1481530	1760	19346738	2045158
Imports	196285	25370	2155643	499273	692945	40749	..	31414	..	3641678	40749
Exports	-760995	-2114	-6528231	-948194	-2763583	-34098	..	-246409	..	-11283624	-34098
International marine bunkers	..	..	..	-9134	..	..	..	..	..	-9134	..
International aviation bunkers	..	..	..	-35765	..	..	..	..	..	-35765	..
Stock changes	8690	-6645	-10423	33703	-100295	..	..	..	..	-74970	..
Total energy supply	739861	16611	4687528	-460117	3655077	578131	1099537	1266534	1760	11584923	2051809
Statistical difference	-14696	8237	562895	-589477	-241157	0	0	80384	0	-193812	1481530
Transfers	..	..	-797978	1010325	..	..	..	..	..	212346	..
Transformation	-706366	52789	-3326654	3328582	-769654	*-132330	-1099537	923396	28296	-1701478	*-128501
Electricity plants	-631378	-285	..	-88015	-502125	*-121530	-1099537	866833	..	-1576037	*-120511
CHP plants	..	..	..	-3272	-134338	-2875	..	56563	23984	-59938	-2184
Heat plants	..	-33	..	..	..	-7925	..	..	4312	-3646	-5807
Coke ovens	-74988	83909	..	..	..	..	..	..	..	8921	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	87552	..	..	..	..	..	..	87552	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-30802	..	..	..	..	..	..	..	-30802	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-3414206	3419869	..	..	..	..	..	5662	..
Other transformation	..	..	..	..	-133191	..	..	..	..	-133191	..
Energy industries own use	..	..	..	-655758	-1136032	-78	..	-177077	0	-1968945	-78
Losses	..	..	..	..	..	..	..	-233989	..	-233989	..
Final consumption	48191	61164	..	3812507	1990548	*445723	..	1698480	30056	8086669	*441700
Final energy consumption	46767	60175	..	3012817	1854819	*445723	..	1698480	30056	7148838	*441700
Manufacturing, const., mining	46445	60175	..	216201	588695	*245048	..	613174	25200	1794937	*239265
Iron and steel	7652	57896	..	..	62804	61	..	32303	57	160773	61
Chemical and petrochemical	..	..	..	..	184775	..	..	73109	11663	269546	..
Non-ferrous metals	7601	..	..	..	21517	..	..	186538	..	215656	..
Non-metallic minerals	14349	1016	..	17424	31819	5783	..	24779	..	95170	..
Transport equipment	..	..	..	..	11240	..	..	12935	..	24175	..
Machinery	..	..	..	..	11284	..	..	7661	..	18945	..
Mining and quarrying	..	1263	..	44460	29894	..	..	27014	..	102631	..
Food and tobacco	..	..	..	..	62763	..	..	20977	94	83835	..
Paper, pulp and printing	..	..	..	5120	70412	*239204	..	136753	3037	*454527	*239204
Wood and wood products	..	..	..	22040	9999	..	..	13860	..	45899	..
Textile and leather	..	..	..	..	3806	..	..	2963	..	6769	..
Construction	..	..	..	76058	15800	..	..	..	33	91890	..
Industries n.e.s	16844	0	..	51099	72582	0	..	74282	10316	225123	0
Transport	..	..	..	2344713	148511	74350	..	22061	..	2589635	74350
Road	..	..	..	1995017	1588	74350	..	3024	..	2073979	74350
Rail	..	..	..	87720	..	..	..	..	..	87720	..
Domestic aviation	..	..	..	202294	..	..	..	..	..	202294	..
Domestic navigation	..	..	..	53609	..	..	..	..	..	53609	..
Pipeline transport	..	..	..	480	146923	..	..	19037	..	166440	..
Transport, n.e.s	..	..	..	5593	..	..	..	..	..	5593	..
Other	322	..	..	451903	1117614	*126325	..	1063246	4856	2764266	*128085
Agriculture, forestry, fishing	..	..	..	214972	35213	7	..	34949	3	285143	7
Commerce, public services	..	..	..	157034	461606	638	..	423047	2260	1044585	638
Households	322	..	..	79898	620795	*125680	..	605250	..	1431945	*125680
Other consumers	..	..	..	..	..	..	..	..	2593	2593	1760
Non-energy use	1424	988	..	799690	135729	..	..	..	..	937832	..

Canada

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	1257021	..	9019849	..	6114102	546324	1092344	1515283	1760	19546684	2053578
Imports	164073	26880	2174248	531125	711498	39920	..	33487	..	3681231	39920
Exports	-758340	-1208	-6881501	-891390	-2879150	-48146	..	-264438	..	-11724173	-48146
International marine bunkers	..	..	..	-17638	..	..	..	..	..	-17638	..
International aviation bunkers	..	..	..	-26328	..	..	..	..	..	-26328	..
Stock changes	20889	-4723	-5162	35040	20885	..	..	..	..	66928	..
Total energy supply	683643	20950	4307435	-369191	3967335	538097	1092344	1284332	1760	11526705	2045352
Statistical difference	-27670	2883	247263	-633497	105953	-27	0	48888	0	-256206	1515256
Transfers	..	..	-831296	1022749	..	..	..	..	..	191453	..
Transformation	-672335	47870	-3228876	3263758	-746054	*-132342	-1092344	887094	25561	-1647669	*-128513
Electricity plants	-600204	-283	..	-90733	-511235	-121542	-1092344	843559	..	-1572782	-120523
CHP plants	..	..	..	-1616	-109514	-2875	..	43535	21247	-49223	-2184
Heat plants	..	-34	..	..	..	-7925	..	..	4314	-3645	-5807
Coke ovens	-72131	80553	..	..	..	..	..	..	..	8422	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	84996	..	..	..	..	..	..	84996	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-32366	..	..	..	..	..	..	..	-32366	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-3313872	3356107	..	..	..	..	..	42235	..
Other transformation	..	..	..	..	-125305	..	..	..	..	-125305	..
Energy industries own use	..	..	..	-681462	-1202333	-78	..	-179766	0	-2063639	-78
Losses	..	..	..	..	..	..	..	-233935	..	-233935	..
Final consumption	38978	65936	..	3869351	1912994	*405704	..	1708837	27321	8029122	*401504
Final energy consumption	37677	65003	..	3028121	1782134	*405704	..	1708837	27321	7054797	*401504
Manufacturing, const., mining	37358	65003	..	240916	580884	*207686	..	607522	22773	1762142	*201726
Iron and steel	7646	62010	..	..	62372	61	..	31741	57	163887	61
Chemical and petrochemical	..	..	..	..	169226	..	..	77022	10969	257217	..
Non-ferrous metals	6882	..	..	..	21390	..	..	179464	..	207736	..
Non-metallic minerals	12217	1922	..	17497	32210	5960	..	26431	..	96238	..
Transport equipment	..	..	..	..	11532	..	..	12931	..	24463	..
Machinery	..	..	..	..	11289	..	..	7661	..	18950	..
Mining and quarrying	..	1071	..	54576	31783	..	..	21776	..	109206	..
Food and tobacco	..	..	..	..	63536	..	..	21233	94	84863	..
Paper, pulp and printing	..	..	..	6171	72293	*201665	..	137038	2008	419175	*201665
Wood and wood products	..	..	..	26342	10296	..	..	14029	..	50667	..
Textile and leather	..	..	..	..	3853	..	..	2999	..	6852	..
Construction	..	..	..	82916	16664	..	..	..	33	99613	..
Industries n.e.s	10612	0	..	53414	74441	0	..	75197	9612	223276	0
Transport	..	..	..	2339072	151856	71693	..	24876	..	2587497	71693
Road	..	..	..	1978479	1640	71693	..	3002	..	2054815	71693
Rail	..	..	..	80582	..	..	..	..	..	80582	..
Domestic aviation	..	..	..	216759	..	..	..	..	..	216759	..
Domestic navigation	..	..	..	57145	..	..	..	..	..	57145	..
Pipeline transport	..	..	..	1126	150216	..	..	21874	..	173216	..
Transport, n.e.s	..	..	..	4981	..	..	..	..	..	4981	..
Other	319	..	..	448133	1049394	*126325	..	1076440	4548	2705158	*128085
Agriculture, forestry, fishing	..	..	..	215924	34367	7	..	36086	1	286385	7
Commerce, public services	..	..	..	155388	462501	638	..	416477	1954	1036958	638
Households	319	..	..	76820	552526	*125680	..	590998	..	1346343	*125680
Other consumers	..	..	..	..	..	..	..	32879	2593	35472	1760
Non-energy use	1301	934	..	841230	130860	..	..	..	..	974325	..

Cayman Islands

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production
Imports	..	8726	..	0	0	..	8727	0
Exports
International marine bunkers
International aviation bunkers	..	-794	..	..	..	..	-794	..
Stock changes
Total energy supply	..	7932	..	0	0	..	7933	0
Statistical Difference	..	0	..	0	0	4	4	0
Transfers
Transformation	..	-5332	..	..	..	2304	-3028	..
Electricity plants	..	-5332	..	..	..	2304	-3028	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	-137	-137	..
Final consumption	..	2600	..	0	0	2164	4764	0
Final energy consumption	..	2520	..	0	0	2164	4684	0
Manufacturing, const., mining	1109	1109	..
Transport	..	2331	..	..	..	..	2331	..
Road	..	2287	..	..	..	..	2287	..
Domestic aviation	..	44	..	..	..	..	44	..
Domestic navigation
Other transport
Other	..	189	..	0	0	1055	1244	0
Agriculture, forestry, fishing
Commerce and public services	25	25	..
Households	..	189	..	..	..	1030	1219	..
Other consumers	0	0	..	0	0
Non-energy use	..	80	..	..	..	..	80	..
2016								
Primary production
Imports	..	8599	..	0	0	..	8599	0
Exports
International marine bunkers
International aviation bunkers	..	-794	..	..	..	..	-794	..
Stock changes
Total energy supply	..	7805	..	0	0	..	7806	0
Statistical Difference	..	0	..	0	0	-4	-4	0
Transfers
Transformation	..	-5246	..	..	..	2398	-2848	..
Electricity plants	..	-5246	..	..	..	2398	-2848	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	-144	-144	..
Final consumption	..	2559	..	0	0	2257	4817	0
Final energy consumption	..	2479	..	0	0	2257	4736	0
Manufacturing, const., mining	1120	1120	..
Transport	..	2242	..	..	..	..	2242	..
Road	..	2198	..	..	..	..	2198	..
Domestic aviation	..	44	..	..	..	..	44	..
Domestic navigation
Other transport
Other	..	237	..	0	0	1138	1375	0
Agriculture, forestry, fishing
Commerce and public services	25	25	..
Households	..	237	..	..	..	1112	1349	..
Other consumers	0	0	..	0	0
Non-energy use	..	80	..	..	..	..	80	..

Central African Rep.

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	18270	..	*612	18882	18882
Imports	..	*5686	..	..	0	..	*5686	0
Exports	0	..	0	0
International marine bunkers
International aviation bunkers	..	*-1491	..	..	..	..	*-1491	..
Stock changes
Total energy supply	..	*4195	..	18270	0	*612	23077	18882
Statistical Difference	..	0	..	0	0	0	0	612
Transfers
Transformation	..	*-22	..	*-11538	6209	*4	*-5347	*-5329
Electricity plants	..	*-22	..	..	..	*4	*-18	..
Charcoal plants	*-11538	6209	..	*-5329	*-5329
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-36	*-36	..
Final consumption	..	*4174	..	*6732	*6209	*580	*17695	*12941
Final energy consumption	..	*4134	..	*6732	*6209	*580	*17654	*12941
Manufacturing, const., mining	..	*246	..	..	..	*191	*437	..
Transport	..	*2458	..	..	..	..	*2458	..
Road	..	*2458	..	..	..	..	*2458	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*1429	..	*6732	*6209	*389	*14759	*12941
Agriculture, forestry, fishing
Commerce and public services	*18	*18	..
Households	..	*745	..	*6732	..	*234	*7711	*6732
Other consumers	..	*684	..	..	*6209	*137	*7030	*6209
Non-energy use	..	*40	..	..	..	..	*40	..
2016								
Primary production	18270	..	*616	18886	18886
Imports	..	*5743	..	..	1	..	*5744	1
Exports	0	..	0	0
International marine bunkers
International aviation bunkers	..	*-1500	..	..	..	..	*-1500	..
Stock changes
Total energy supply	..	*4243	..	18270	1	*616	23129	18886
Statistical Difference	..	0	..	0	0	0	0	616
Transfers
Transformation	..	*-22	..	*-11720	6308	*4	*-5431	*-5413
Electricity plants	..	*-22	..	..	..	*4	*-18	..
Charcoal plants	*-11720	6308	..	*-5413	*-5413
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-36	*-36	..
Final consumption	..	*4222	..	*6550	*6308	*583	*17663	*12858
Final energy consumption	..	*4181	..	*6550	*6308	*583	*17623	*12858
Manufacturing, const., mining	..	*250	..	..	..	*191	*441	..
Transport	..	*2489	..	..	..	..	*2489	..
Road	..	*2489	..	..	..	..	*2489	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*1442	..	*6550	*6308	*392	*14693	*12858
Agriculture, forestry, fishing
Commerce and public services	*18	*18	..
Households	..	*767	..	*6550	..	*238	*7554	*6550
Other consumers	..	*676	..	..	*6308	*137	*7121	*6308
Non-energy use	..	*40	..	..	..	..	*40	..

Chad

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	304560	..	70877	..	..	375437	70877
Imports	..	*111	..	..	..	..	*111	..
Exports	..	-291516	..	..	..	..	-291516	..
International marine bunkers
International aviation bunkers	..	*-772	..	..	..	..	*-772	..
Stock changes
Total energy supply	..	12382	..	70877	..	..	83259	70877
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	*-2952	..	*-25039	13479	*821	*-13692	*-11560
Electricity plants	..	*-2537	..	..	..	*821	*-1716	..
Charcoal plants	*-25039	13479	..	*-11560	*-11560
Other transformation	..	*-415	..	0	..	..	*-415	0
Energy industries own use	*-47	*-47	..
Losses
Final consumption	..	*9430	..	*45838	*13479	*774	*69520	*59317
Final energy consumption	..	*9349	..	*45838	*13479	*774	*69440	*59317
Manufacturing, const., mining	*885	..	*270	*1155	*885
Transport	..	*2081	..	..	..	..	*2081	..
Road	..	*1772	..	..	..	..	*1772	..
Domestic aviation	..	*309	..	..	..	..	*309	..
Domestic navigation
Other transport
Other	..	*7269	..	*44953	*13479	*504	*66204	*58432
Agriculture, forestry, fishing
Commerce and public services	*36	*36	..
Households	..	*1077	..	*44953	*13479	*378	*59886	*58432
Other consumers	..	*6192	..	..	..	*90	*6282	..
Non-energy use	..	*80	..	..	..	..	*80	..
2016								
Primary production	..	274950	..	71824	..	..	346774	71824
Imports	..	*120	..	..	..	..	*120	..
Exports	..	-261686	..	..	..	..	-261686	..
International marine bunkers
International aviation bunkers	..	*-781	..	..	..	..	*-781	..
Stock changes
Total energy supply	..	12603	..	71824	..	..	84426	71824
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	*-2948	..	*-25651	13806	*828	*-13966	*-11845
Electricity plants	..	*-2537	..	..	..	*828	*-1709	..
Charcoal plants	*-25651	13806	..	*-11845	*-11845
Other transformation	..	*-411	..	0	..	..	*-411	0
Energy industries own use	*-43	*-43	..
Losses
Final consumption	..	*9654	..	*46172	*13806	*785	*70418	*59978
Final energy consumption	..	*9570	..	*46172	*13806	*785	*70333	*59978
Manufacturing, const., mining	*881	..	*277	*1158	*881
Transport	..	*2125	..	..	..	..	*2125	..
Road	..	*1816	..	..	..	..	*1816	..
Domestic aviation	..	*309	..	..	..	..	*309	..
Domestic navigation
Other transport
Other	..	*7445	..	*45291	*13806	*508	*67050	*59097
Agriculture, forestry, fishing
Commerce and public services	*36	*36	..
Households	..	*1081	..	*45291	*13806	*392	*60571	*59097
Other consumers	..	*6364	..	..	..	*79	*6443	..
Non-energy use	..	*84	..	..	..	..	*84	..

Chile

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	87511	..	12001	..	35426	305701	..	98125	1297	540060	405123
Imports	237585	92	358553	314370	131171	..	..	..	..	1041771	..
Exports	-23499	-1176	..	-20449	..	..	..	..	..	-45124	..
International marine bunkers	..	..	..	-5373	..	..	..	..	..	-5373	..
International aviation bunkers	..	..	..	-23461	..	..	..	..	..	-23461	..
Stock changes	0	-512	-1500	-1729	95	..	..	..	..	-3646	..
Total energy supply	301596	-1596	369054	263358	166692	305701	..	98125	1297	1504227	405123
Statistical difference	-529	-338	-480	1504	12148	-3093	..	2419	0	11632	95032
Transfers	..	..	-1680	2602	..	..	..	..	..	922	..
Transformation	-292075	11271	-367855	325063	-81487	-155214	..	173268	..	-387029	-155214
Electricity plants	-278760	..	..	-31761	-81240	..	..	153054	..	-238707	..
CHP plants	..	..	..	..	..	-152242	..	20214	..	-132028	-152242
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-13316	15873	..	..	..	..	..	..	..	2557	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	0	-293	..	..	..	..	-293	..
Blast furnaces	..	-4966	..	..	..	..	..	..	..	-4966	..
NGL plants & gas blending	..	364	..	0	47	-47	..	..	..	364	-47
Oil refineries	..	..	-367855	356824	..	..	..	..	..	-11031	..
Other transformation	..	0	..	0	..	-2925	..	..	..	-2925	-2925
Energy industries own use	..	-6404	..	-14465	-8691	..	..	-14404	..	-43964	..
Losses	-100	-563	..	..	-1298	..	..	-13345	..	-15306	..
Final consumption	9949	3046	..	575053	63068	153581	..	241225	1297	1047218	154878
Final energy consumption	9949	3046	..	571011	57641	153581	..	241225	1297	1037749	154878
Manufacturing, const., mining	9825	2719	..	163983	32272	81345	..	152161	..	442304	81345
Iron and steel	..	2322	..	95	1302	..	..	2714	..	6433	..
Chemical and petrochemical	..	..	..	0	2579	..	..	187	..	2767	..
Non-ferrous metals	..	..	..	..	..	0	..	..	..	0	0
Non-metallic minerals	25	..	..	9665	395	568	..	1696	..	12349	568
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	2169	151	..	95153	7280	38	..	90072	..	194863	38
Food and tobacco	2543	181	..	40	32	0	..	..	..	2797	0
Paper, pulp and printing	..	..	..	7673	3837	*64768	..	17262	..	*93539	*64768
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	5087	65	..	51357	16846	15971	..	40230	..	129556	15971
Transport	..	..	..	346194	1119	..	..	3917	..	351230	..
Road	..	..	..	310735	1118	..	..	2239	..	314092	..
Rail	..	..	..	1333	..	..	..	1678	..	3011	..
Domestic aviation	..	..	..	21807	..	..	..	..	..	21807	..
Domestic navigation	..	..	..	12319	..	..	..	..	..	12319	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	1	..	..	..	..	1	..
Other	125	327	..	60835	24250	72236	..	85147	1297	244216	73533
Agriculture, forestry, fishing	..	..	..	8749	164	..	..	374	..	9288	..
Commerce, public services	125	218	..	17645	5649	1125	..	42455	..	67216	1125
Households	..	109	..	34440	18437	71111	..	42318	..	166415	71111
Other consumers	..	..	..	..	..	..	..	..	1297	1297	1297
Non-energy use	..	..	..	4041	5427	..	..	..	..	9468	..

Chile

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	42440	..	10399	..	42401	325843	..	102103	1386	524572	429332
Imports	277356	0	355201	351891	153068	30	..	..	..	1137546	30
Exports	-14623	-4401	..	-18659	-12676	..	..	-7	..	-50366	..
International marine bunkers	..	..	..	-5454	..	..	..	..	..	-5454	..
International aviation bunkers	..	..	..	-24167	..	..	..	..	..	-24167	..
Stock changes	-4723	2170	1773	-3788	-750	..	..	..	..	-5318	..
Total energy supply	300451	-2231	367373	299823	182044	325873	..	102096	1386	1576814	429362
Statistical difference	10996	-411	-1710	-5362	13504	-40809	..	9896	0	-13897	61294
Transfers	..	..	-1812	2417	..	..	..	..	..	605	..
Transformation	-281771	12305	-367271	321982	-89387	*-178177	..	183406	..	-398913	*-178177
Electricity plants	-270099	..	..	-31910	-89355	..	..	161960	..	-229404	..
CHP plants	..	..	..	..	..	*-175508	..	21445	..	*-154063	*-175508
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-11672	16382	..	..	..	..	..	..	..	4710	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	0	-113	..	..	..	..	-113	..
Blast furnaces	..	-4290	..	..	..	..	..	..	..	-4290	..
NGL plants & gas blending	..	213	..	-95	81	..	..	..	..	199	..
Oil refineries	..	..	-367271	353987	..	..	..	..	..	-13283	..
Other transformation	..	..	..	0	..	*-2671	..	..	..	*-2671	*-2671
Energy industries own use	..	-6237	..	-13938	-6090	..	..	-12647	..	-38913	..
Losses	..	-530	..	..	-2315	-687	..	-10343	..	-13875	-687
Final consumption	7683	3718	..	615647	70748	187818	..	252616	1386	1139616	189204
Final energy consumption	7683	3718	..	602863	59920	187818	..	252616	1386	1116005	189204
Manufacturing, const., mining	7638	3532	..	162048	34259	113496	..	157000	..	477973	113496
Iron and steel	..	3124	..	348	189	..	..	2124	..	5786	..
Chemical and petrochemical	..	..	..	0	5174	..	..	155	..	5329	..
Non-ferrous metals	..	..	..	..	..	0	..	..	..	0	0
Non-metallic minerals	249	..	..	10189	414	*435	..	1148	..	12435	*435
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	2538	154	..	94407	7165	0	..	87430	..	191694	0
Food and tobacco	2606	181	..	..	39	0	..	..	..	2826	0
Paper, pulp and printing	295	..	..	8147	6570	*94908	..	19915	..	*129835	*94908
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	1949	73	..	48957	14709	18153	..	46228	..	130068	18153
Transport	..	..	..	362221	1025	..	..	3550	..	366795	..
Road	..	..	..	326883	1025	..	..	1678	..	329586	..
Rail	..	..	..	1849	..	..	..	1710	..	3559	..
Domestic aviation	..	..	..	19755	..	..	..	..	..	19755	..
Domestic navigation	..	..	..	13734	..	..	..	..	..	13734	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	162	..	162	..
Other	45	186	..	78595	24636	*74323	..	92066	1386	271236	*75709
Agriculture, forestry, fishing	45	..	..	10854	3	..	..	306	..	11208	..
Commerce, public services	..	114	..	25888	5307	*1039	..	42800	..	75149	*1039
Households	..	72	..	41853	19326	*73284	..	48960	..	183494	*73284
Other consumers	..	..	..	..	..	..	..	..	1386	1386	1386
Non-energy use	..	..	..	12784	10828	..	..	..	..	23612	..

China

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	76429457	..	8983451	..	4765206	3964501	1844521	4877323	..	100864459	8641159
Imports	3654801	108	14046665	2211085	2051593	5157	..	22356	..	21991765	5157
Exports	-108895	-274684	-119983	-1729111	-108818	-1635	..	-67154	..	-2410280	-1635
International marine bunkers	..	..	..	-373542	..	..	..	..	..	-373542	..
International aviation bunkers	..	..	..	-333934	..	..	..	..	..	-333934	..
Stock changes	519570	45783	-261185	-117048	..	..	..	..	..	187119	..
Total energy supply	80494932	-228793	22648948	-342550	6707981	3968024	1844521	4832525	..	119925587	8644681
Statistical difference	16204	-4354	2190	15781	-22559	10971	0	476	-495	18214	4888969
Transfers	..	..	..	*3758458	..	..	..	..	..	*3758458	..
Transformation	-54018380	7253096	-22282532	18096022	-1535204	-644625	-1844521	16055138	4016046	-34904960	-443286
Electricity plants	-36349633	-950644	-5217	-96768	*-1264886	-468996	-1844521	16055138	-594526	-25520054	-310173
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	-4884374	-458048	-2801	-196949	..	-133511	..	..	4610572	-1065112	-90995
Coke ovens	-12293056	14238586	..	..	..	..	..	..	..	1945530	..
Briquetting plants	-96137	..	..	..	..	..	..	..	..	-96137	..
Liquefaction plants	-137646	..	89791	..	-257742	..	..	..	..	-305597	..
Gas works	-257533	494048	..	0	0	..	..	..	..	236516	..
Blast furnaces	..	-6070846	..	..	..	..	..	..	..	-6070846	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-22364305	22073685	-12575	..	..	..	..	-303195	..
Other transformation	..	..	..	-3683946	..	*-42118	..	..	..	-3726064	*-42118
Energy industries own use	-5524198	-253257	-184471	-1785980	-823313	-10420	..	-2418505	-480406	-11480549	-10420
Losses	..	..	-36519	-161	-74368	..	..	-1075630	-48753	-1235430	..
Final consumption	20936150	6775400	143237	19710009	4297656	*3302007	..	17393052	3487381	76044892	*3302007
Final energy consumption	19020285	6252216	86436	15389243	3888154	*3302007	..	17393052	3487381	68818774	*3302007
Manufacturing, const., mining	14867558	6141632	86436	1851944	1595712	619066	..	11715377	2334750	39212475	619066
Iron and steel	2816702	4840986	8	96676	147253	27248	..	2043874	238738	10211485	27248
Chemical and petrochemical	2424511	326035	85984	297005	506153	36864	..	1711453	965921	6353927	36864
Non-ferrous metals	..	..	4	111966	..	7597	..	..	..	119567	7597
Non-metallic minerals	..	..	84	372006	..	15355	..	..	..	387445	15355
Transport equipment	..	..	13	51246	..	1748	..	..	..	53007	1748
Machinery	..	..	54	118018	..	5197	..	..	..	123270	5197
Mining and quarrying	..	..	201	93664	..	1161	..	..	..	95026	1161
Food and tobacco	..	..	17	58862	..	*373748	..	..	..	*432626	*373748
Paper, pulp and printing	..	..	17	19497	..	33714	..	..	..	53227	33714
Wood and wood products	..	..	17	14549	..	60299	..	..	..	74865	60299
Textile and leather	..	..	17	39736	..	23191	..	..	..	62944	23191
Construction	..	..	..	486271	..	10442	..	..	..	496713	10442
Industries n.e.s	9626345	974611	21	92447	942305	22501	..	7960050	1130091	20748371	22501
Transport	99652	860	..	8108749	758318	304986	..	405219	28097	9705881	304986
Road	..	..	..	5679757	687365	304986	..	93818	..	6765926	304986
Rail	82827	6	..	140481	..	..	..	223841	..	447155	..
Domestic aviation	..	..	..	857174	..	..	..	..	..	857174	..
Domestic navigation	2822	0	..	864511	8	..	..	..	..	867341	..
Pipeline transport	..	..	..	3432	13056	..	..	9563	..	26051	..
Transport, n.e.s	14003	854	..	563393	57889	..	..	77997	28097	742234	..
Other	4053075	109724	..	5428550	1534124	*2377956	..	5272456	1124534	19900418	*2377956
Agriculture, forestry, fishing	532114	14090	..	748666	3182	144321	..	374339	1067	1817778	144321
Commerce, public services	..	..	..	..	..	27098	..	..	..	27098	27098
Households	1894759	75764	..	2793333	1206578	617953	..	2723476	938410	10250272	617953
Other consumers	1626202	19870	..	1886551	324364	*1588584	..	2174641	185057	7805270	*1588584
Non-energy use	1915865	523184	56801	4320766	409502	..	..	..	..	7226118	..

China

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	69576322	..	8360819	..	4979645	3999891	2303500	5371312	..	94591489	9157906
Imports	4574397	14	15952759	2298728	2502317	4696	..	22266	..	25355177	4696
Exports	-179310	-288088	-123123	-2258063	-113311	-2010	..	-68065	..	-3031970	-2010
International marine bunkers	..	..	..	-391460	..	..	..	..	..	-391460	..
International aviation bunkers	..	..	..	-368808	..	..	..	..	..	-368808	..
Stock changes	2602550	435301	-729723	21316	..	..	..	..	..	2329444	..
Total energy supply	76573959	147227	23460732	-698288	7368651	4002578	2303500	5325512	..	118483871	9160592
Statistical difference	-1261061	338	2669	56116	8198	19108	0	199	1577	-1172855	5389927
Transfers	..	..	..	2757508	..	..	..	..	..	2757508	..
Transformation	-55156451	7070664	-23177310	20112983	-1851999	-691714	-2303500	16741639	4313195	-34942492	-478910
Electricity plants	-36971538	-1109694	-5472	-103633	*-1482321	-521034	-2303500	16741639	-653826	-26409379	-356699
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	-5379252	-368183	0	-209316	..	-128562	..	..	4967022	-1118292	-80094
Coke ovens	-12275313	14285390	..	..	..	..	..	..	..	2010077	..
Briquetting plants	-61351	..	..	..	..	..	..	..	..	-61351	..
Liquefaction plants	-223717	..	143200	..	-347479	..	..	..	..	-427996	..
Gas works	-245280	534330	..	-2266	0	..	..	..	..	286783	..
Blast furnaces	..	-6271178	..	..	..	..	..	..	..	-6271178	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-23315038	24405709	-22199	..	..	..	..	1068471	..
Other transformation	..	..	..	-3977510	..	*-42118	..	..	..	-4019628	*-42118
Energy industries own use	-4168008	-242654	-134141	-1843523	-814747	-8002	..	-2598317	-496246	-10305638	-8002
Losses	..	..	-16911	-577	-81103	..	..	-1102655	-46315	-1247561	..
Final consumption	18510561	6974899	129701	20271988	4612603	*3283754	..	18365980	3769057	75918543	*3283754
Final energy consumption	16738131	6207867	118404	15637070	4186931	*3283754	..	18365980	3769057	68307194	*3283754
Manufacturing, const., mining	12572759	6114375	118404	1781640	1759119	*502652	..	12072252	2532129	37453331	*502652
Iron and steel	2141204	4840961	8	81797	175801	26081	..	2014853	205228	9485932	26081
Chemical and petrochemical	1635486	319919	117579	308508	453634	27936	..	1754866	1119485	5737413	27936
Non-ferrous metals	..	..	4	111036	..	4632	..	..	..	115672	4632
Non-metallic minerals	..	..	88	348630	..	12718	..	..	..	361436	12718
Transport equipment	..	..	13	48374	..	1996	..	..	..	50382	1996
Machinery	..	..	54	103974	..	4595	..	..	..	108623	4595
Mining and quarrying	..	..	582	82075	..	938	..	..	..	83595	938
Food and tobacco	..	..	13	52508	..	*310949	..	..	..	*363470	*310949
Paper, pulp and printing	..	..	17	18610	..	26616	..	..	..	45242	26616
Wood and wood products	..	..	8	12251	..	37812	..	..	..	50071	37812
Textile and leather	..	..	13	34804	..	18798	..	..	..	53614	18798
Construction	..	..	..	500068	..	10808	..	..	..	510876	10808
Industries n.e.s	8796069	953495	25	79006	1129685	*18774	..	8302532	1207416	20487003	*18774
Transport	81740	914	..	8246419	808947	327152	..	450536	26410	9942118	327152
Road	..	..	..	5672944	731620	327152	..	103676	..	6835393	327152
Rail	63701	6	..	137613	..	..	..	250612	..	451932	..
Domestic aviation	..	..	..	948896	..	..	..	..	..	948896	..
Domestic navigation	2798	0	..	889382	0	..	..	..	..	892180	..
Pipeline transport	..	..	..	3598	14401	..	..	10157	..	28156	..
Transport, n.e.s	15241	908	..	593985	62926	..	..	86090	26410	785561	..
Other	4083632	92578	..	5609012	1618864	*2453949	..	5843192	1210518	20911745	*2453949
Agriculture, forestry, fishing	562290	15129	..	747238	3659	152980	..	393088	1280	1875665	152980
Commerce, public services	..	..	..	..	..	30350	..	..	..	30350	30350
Households	1921084	58616	..	3052412	1273443	707009	..	3031416	986226	11030206	707009
Other consumers	1600258	18833	..	1809361	341762	*1563610	..	2418689	223011	7975525	*1563610
Non-energy use	1772430	767032	11297	4634917	425673	..	..	..	..	7611348	..

China, Hong Kong SAR

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production
Imports	294922	..	..	849696	111265	148	..	42271	..	1298302	148
Exports	0	..	..	-29191	..	0	..	-4273	..	-33464	0
International marine bunkers	-359548	..	..	..	..	..	-359548	..
International aviation bunkers	-270778	..	..	..	..	..	-270778	..
Stock changes	-14635	..	..	-43929	..	..	..	..	..	-58564	..
Total energy supply	280287	..	..	146250	111265	148	..	37998	..	575948	148
Statistical difference	0	0	..	-12	0	0	..	0	..	-12	0
Transfers
Transformation	-280287	28403	..	-13837	-111265	..	..	136526	..	-240460	..
Electricity plants	-280287	..	..	-2623	-93130	..	..	136526	..	-239514	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works	..	28403	..	-11214	-18135	..	..	..	..	-946	..
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation
Energy industries own use	0	..	0	..
Losses	-16441	..	-16441	..
Final consumption	..	28403	..	132426	..	148	..	158083	..	319059	148
Final energy consumption	..	28403	..	131903	..	148	..	158083	..	318537	148
Manufacturing, const., mining	..	1649	..	15738	..	..	..	11437	..	28824	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	..	1649	..	15738	..	..	..	11437	..	28824	..
Transport	82044	..	..	..	..	..	82044	..
Road	81581	..	..	..	..	..	81581	..
Rail
Domestic aviation	463	..	..	..	..	..	463	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	..	26754	..	*34121	..	148	..	146646	..	207668	148
Agriculture, forestry, fishing
Commerce, public services	..	11813	..	..	..	..	..	104278	..	116091	..
Households	..	14941	..	25843	..	148	..	42368	..	83300	148
Other consumers	*8278	..	..	..	..	..	*8278	..
Non-energy use	523	..	..	..	..	..	523	..

China, Hong Kong SAR

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production
Imports	294316	..	..	863612	114069	118	..	41836	..	1313950	118
Exports	0	..	..	-15270	..	..	..	-4338	..	-19608	..
International marine bunkers	-375271	..	..	..	..	..	-375271	..
International aviation bunkers	-276132	..	..	..	..	..	-276132	..
Stock changes	-14002	..	..	-38722	..	..	..	..	..	-52724	..
Total energy supply	280313	..	..	158218	114069	118	..	37498	..	590215	118
Statistical difference	0	0	..	83	0	30	..	0	..	112	30
Transfers
Transformation	-280313	28814	..	-17711	-114069	..	..	137354	..	-245924	..
Electricity plants	-280313	..	..	-3827	-95917	..	..	137354	..	-242702	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works	..	28814	..	-13884	-18152	..	..	..	..	-3222	..
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation
Energy industries own use	0	..	0	..
Losses	-16351	..	-16351	..
Final consumption	..	28814	..	*140424	..	89	..	158501	..	327827	89
Final energy consumption	..	28814	..	*139821	..	89	..	158501	..	327224	89
Manufacturing, const., mining	..	1477	..	*16985	..	..	..	11254	..	*29716	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	..	1477	..	*16985	..	..	..	11254	..	*29716	..
Transport	*87520	..	..	..	..	..	*87520	..
Road	*87092	..	..	..	..	..	*87092	..
Rail
Domestic aviation	428	..	..	..	..	..	428	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	..	27337	..	*35316	..	89	..	147247	..	209989	89
Agriculture, forestry, fishing
Commerce, public services	..	11900	..	..	..	..	..	104126	..	116026	..
Households	..	15437	..	*27133	..	89	..	43121	..	85779	89
Other consumers	*8183	..	..	..	..	..	*8183	..
Non-energy use	603	..	..	..	..	..	603	..

China, Macao SAR

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	*1296	..	..	*1296	*648
Imports	0	28757	75	..	30	14594	43455	30
Exports
International marine bunkers	..	-2924	..	..	..	..	-2924	..
International aviation bunkers
Stock changes	..	-994	-1	..	..	..	-995	..
Total energy supply	0	24838	74	*1296	30	14594	40832	*678
Statistical Difference	0	-229	7	0	0	0	-222	0
Transfers
Transformation	..	-6046	0	*-1296	..	3463	-3878	*-648
Electricity plants	..	-6046	0	*-1296	..	3463	-3878	*-648
Charcoal plants
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-220	-220	..
Losses	-446	-446	..
Final consumption	..	19022	67	..	*30	17392	36510	*30
Final energy consumption	..	16773	67	..	*30	17392	34261	*30
Manufacturing, const., mining	..	1801	4	..	..	911	2715	..
Transport	..	5600	15	..	..	..	5616	..
Road	..	5600	15	..	..	..	5616	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*9372	48	..	*30	16481	25930	*30
Agriculture, forestry, fishing
Commerce and public services	32	..	..	13086	13118	..
Households	..	615	16	..	..	3395	4026	..
Other consumers	..	*8757	..	..	*30	..	*8787	*30
Non-energy use	..	2249	..	..	..	..	2249	..
2016								
Primary production	*1273	..	..	*1273	*637
Imports	0	27533	333	..	30	15502	43397	30
Exports
International marine bunkers	..	-3139	..	..	..	..	-3139	..
International aviation bunkers
Stock changes	..	-96	1	..	..	..	-96	..
Total energy supply	0	24297	334	*1273	30	15502	41435	*666
Statistical Difference	0	-411	-19	0	0	0	-430	0
Transfers
Transformation	..	-6186	0	*-1273	..	3557	-3903	*-637
Electricity plants	..	-6186	0	*-1273	..	3557	-3903	*-637
Charcoal plants
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-216	-216	..
Losses	-569	-569	..
Final consumption	..	18522	353	..	*30	18274	37178	*30
Final energy consumption	..	16366	353	..	*30	18274	35022	*30
Manufacturing, const., mining	..	1464	55	..	..	785	2303	..
Transport	..	5732	58	..	..	..	5789	..
Road	..	5732	58	..	..	..	5789	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*9171	240	..	*30	17489	26930	*30
Agriculture, forestry, fishing
Commerce and public services	212	..	..	13766	13978	..
Households	..	662	29	..	..	3722	4413	..
Other consumers	..	*8509	..	..	*30	..	*8538	*30
Non-energy use	..	2156	..	..	..	..	2156	..

Colombia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	2328103	..	2246447	..	434577	202673	..	161564	..	5373364	364237
Imports	..	..	1	124726	..	..	..	162	..	124889	..
Exports	-1980907	-38526	-1756069	-90173	-11929	-1	..	-1743	..	-3879348	-1
International marine bunkers	..	..	..	-10467	..	..	..	..	..	-10467	..
International aviation bunkers	..	..	..	*-37626	..	..	..	..	..	*-37626	..
Stock changes	-97181	0	74487	*81552	..	-404	..	..	..	58454	-404
Total energy supply	250015	-38526	564866	68012	422648	202268	..	159983	..	1629266	363832
Statistical difference	-18723	1568	-9644	-9743	69865	20409	..	16721	..	70452	181973
Transfers	..	..	..	15378	..	..	..	..	..	15378	..
Transformation	-157433	48183	-564438	439561	-138282	-19455	..	81533	..	-310330	-19455
Electricity plants	-64742	-410	-10110	-31955	-103942	-16302	..	*65621	..	-161840	-16302
CHP plants	0	..	..	..	*-34340	..	..	*15912	..	*-18428	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-92691	50403	..	..	..	..	..	..	..	-42288	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-1810	..	..	..	..	..	..	..	-1810	..
NGL plants & gas blending	..	..	-12243	12243	..	..	..	..	..	0	..
Oil refineries	..	..	-542085	459272	..	..	..	..	..	-82813	..
Other transformation	..	..	..	..	..	*-3153	..	..	..	*-3153	*-3153
Energy industries own use	..	-985	-9644	-22162	-56165	..	..	-7366	..	-96322	..
Losses	0	-2346	..	0	..	..	..	-33278	..	-35624	..
Final consumption	111305	4759	428	510533	158335	*162405	..	184151	..	1131917	*162405
Final energy consumption	111305	4759	428	493207	158335	*162405	..	184151	..	1114590	*162405
Manufacturing, const., mining	108638	4759	428	21633	46081	77693	..	62143	..	321375	77693
Iron and steel	*24302	4679	44	961	4829	..	..	10073	..	*44887	..
Chemical and petrochemical	7538	60	39	14396	5441	1328	..	7816	..	36617	1328
Non-ferrous metals	54	..	..	0	710	..	..	..	..	765	..
Non-metallic minerals	41746	..	39	0	8248	636	..	5033	..	55702	636
Transport equipment	..	..	..	..	347	..	..	1282	..	1628	..
Machinery	..	20	..	..	575	..	..	1717	..	2312	..
Mining and quarrying	..	..	..	..	..	..	..	16751	..	16751	..
Food and tobacco	13090	..	9	..	12130	60415	..	8478	..	94122	60415
Paper, pulp and printing	13417	..	288	..	8905	2512	..	5310	..	30431	2512
Wood and wood products	..	..	0	..	240	40	..	238	..	518	40
Textile and leather	8491	..	9	..	4228	..	..	3020	..	15748	..
Construction	..	..	..	0	..	..	..	299	..	299	..
Industries n.e.s	0	0	0	6276	429	12762	..	2128	..	21595	12762
Transport	0	..	0	376608	26520	*23605	..	292	..	427025	*23605
Road	..	..	..	370559	26520	*23605	..	..	..	420684	*23605
Rail	0	..	..	0	..	..	..	292	..	292	..
Domestic aviation	..	..	..	911	..	..	..	..	..	911	..
Domestic navigation	..	..	..	5138	..	..	..	..	..	5138	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	0	..	..	..	..	..	..	0	..
Other	*2667	..	0	94966	85734	*61107	..	121716	..	366190	*61107
Agriculture, forestry, fishing	0	..	0	266	..	*5760	..	2131	..	*8157	*5760
Commerce, public services	..	..	0	2948	13900	..	..	39629	..	56476	..
Households	*2667	..	..	17063	39677	*55197	..	79956	..	194560	*55197
Other consumers	..	..	..	74689	32158	150	..	0	..	106997	150
Non-energy use	..	..	..	17326	..	..	..	..	..	17326	..

Colombia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	2463194	..	1949491	..	400094	254106	..	176461	..	5243346	430567
Imports	..	..	..	203073	454	..	..	1361	..	204887	..
Exports	-2267607	-35632	-1371366	-131719	0	-413	..	-162	..	-3806899	-413
International marine bunkers	..	..	..	-13583	..	..	..	..	..	-13583	..
International aviation bunkers	..	..	..	*-47328	..	..	..	..	..	*-47328	..
Stock changes	54945	0	122585	*-7431	..	-266	..	..	..	169834	-266
Total energy supply	250532	-35632	700710	3012	400548	253427	..	177660	..	1750257	429888
Statistical difference	17635	3155	0	-2277	-34986	16260	..	-8276	..	-8490	192721
Transfers	..	..	-15186	14695	..	..	..	..	..	-491	..
Transformation	-126654	46972	-676092	524784	-125028	-20073	..	80273	..	-295817	-20073
Electricity plants	-65504	-384	-10702	-37554	-87535	-16896	..	*64822	..	-153753	-16896
CHP plants	0	..	..	..	*-37493	..	..	*15451	..	*-22042	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-61150	49060	..	..	..	..	..	..	..	-12090	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-1704	..	..	..	..	..	..	..	-1704	..
NGL plants & gas blending	..	..	-12320	12320	..	..	..	..	..	0	..
Oil refineries	..	..	-653070	550018	..	..	..	..	..	-103052	..
Other transformation	..	..	..	..	..	-3177	..	..	..	-3177	-3177
Energy industries own use	..	-923	-9137	-27423	-155624	..	..	-24473	..	-217580	..
Losses	0	*-2396	..	0	..	..	..	-25200	..	-27596	..
Final consumption	106243	4866	296	517345	154882	*217094	..	216536	..	1217264	*217094
Final energy consumption	106243	4866	296	502029	154882	*217094	..	216536	..	1201947	*217094
Manufacturing, const., mining	103549	4866	296	19616	50356	78762	..	68155	..	325601	78762
Iron and steel	24493	4786	0	339	9943	30	..	8273	..	47863	30
Chemical and petrochemical	7239	60	0	15669	6006	152	..	9886	..	39012	152
Non-ferrous metals	109	..	..	0	780	..	..	803	..	1692	..
Non-metallic minerals	41501	..	0	0	8707	196	..	7355	..	57759	196
Transport equipment	..	..	..	..	455	..	..	479	..	933	..
Machinery	..	20	..	..	590	..	..	976	..	1586	..
Mining and quarrying	..	..	..	..	..	..	..	15109	..	15109	..
Food and tobacco	12491	..	0	..	13164	65347	..	13810	..	104812	65347
Paper, pulp and printing	12328	..	296	..	5517	33	..	6120	..	24294	33
Wood and wood products	..	..	0	..	239	42	..	493	..	774	42
Textile and leather	5388	..	0	..	4483	59	..	3582	..	13512	59
Construction	..	..	..	0	..	..	..	378	..	378	..
Industries n.e.s	0	0	0	3607	473	12904	..	893	..	17877	12904
Transport	0	..	0	386020	22190	*23344	..	346	..	431899	*23344
Road	..	..	..	380065	22190	*23344	..	..	..	425598	*23344
Rail	0	..	..	0	..	..	..	346	..	346	..
Domestic aviation	..	..	..	975	..	..	..	..	..	975	..
Domestic navigation	..	..	..	4981	..	..	..	..	..	4981	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	0	..	..	..	..	..	..	0	..
Other	2694	..	0	96393	82337	*114988	..	148036	..	444447	*114988
Agriculture, forestry, fishing	0	..	0	375	..	*12141	..	2149	..	*14665	*12141
Commerce, public services	..	..	0	2888	14403	..	..	47581	..	64872	..
Households	2694	..	..	17460	41642	*102847	..	81684	..	246327	*102847
Other consumers	..	..	..	75671	26292	0	..	16621	..	118584	0
Non-energy use	..	..	..	15316	..	..	..	..	..	15316	..

Comoros

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	2758	..	..	2758	2758
Imports	..	*2535	..	..	..	..	*2535	..
Exports
International marine bunkers
International aviation bunkers	..	*-140	..	..	..	..	*-140	..
Stock changes
Total energy supply	..	*2395	..	2758	..	..	5154	2758
Statistical Difference	..	*118	..	0	0	*-2	*116	0
Transfers
Transformation	..	*-452	..	*-2493	1342	*136	*-1466	*-1151
Electricity plants	..	*-452	..	..	..	*136	*-315	..
Charcoal plants	*-2493	1342	..	*-1151	*-1151
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-27	*-27	..
Final consumption	..	*1825	..	*266	*1342	*112	*3545	*1608
Final energy consumption	..	*1825	..	*266	*1342	*112	*3545	*1608
Manufacturing, const., mining
Transport	..	*558	..	..	..	..	*558	..
Road	..	*514	..	..	..	..	*514	..
Domestic aviation	..	*44	..	..	..	..	*44	..
Domestic navigation
Other transport
Other	..	*1267	..	*266	*1342	*112	*2987	*1608
Agriculture, forestry, fishing
Commerce and public services
Households	..	*450	..	*266	*1342	*58	*2116	*1608
Other consumers	..	*817	..	..	..	*54	*871	..
Non-energy use
2016								
Primary production	2817	..	..	2817	2817
Imports	..	*2980	..	..	..	..	*2980	..
Exports
International marine bunkers
International aviation bunkers	..	*-157	..	..	..	..	*-157	..
Stock changes
Total energy supply	..	*2824	..	2817	..	..	*5641	2817
Statistical Difference	..	*101	..	0	0	0	*101	0
Transfers
Transformation	..	*-597	..	*-2550	1372	*180	*-1595	*-1178
Electricity plants	..	*-597	..	..	..	*180	*-417	..
Charcoal plants	*-2550	1372	..	*-1178	*-1178
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-36	*-36	..
Final consumption	..	*2126	..	*267	*1372	*144	*3908	*1639
Final energy consumption	..	*2126	..	*267	*1372	*144	*3908	*1639
Manufacturing, const., mining
Transport	..	*621	..	..	..	..	*621	..
Road	..	*575	..	..	..	..	*575	..
Domestic aviation	..	*45	..	..	..	..	*45	..
Domestic navigation
Other transport
Other	..	*1505	..	*267	*1372	*144	*3288	*1639
Agriculture, forestry, fishing
Commerce and public services
Households	..	*504	..	*267	*1372	*61	*2204	*1639
Other consumers	..	*1001	..	..	..	*83	*1084	..
Non-energy use

Congo

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	534579	..	9569	63701	..	3330	..	611178	67031
Imports	15076	..	..	..	65	..	15141	..
Exports	-500441	-12443	..	..	..	-79	..	-512963	..
International marine bunkers
International aviation bunkers	-1852	..	..	..	..	..	-1852	..
Stock changes	0	..	..	..	..	..	0	..
Total energy supply	34138	781	9569	63701	..	3316	..	111504	67031
Statistical difference	0	-47	1100	0	..	-115	..	937	3330
Transfers
Transformation	-34137	31100	-8469	-13036	..	2912	..	-21631	-13036
Electricity plants	-8469	..	..	2912	..	-5557	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-34137	31100	..	..	..	..	..	-3038	..
Other transformation	-13036	..	..	..	-13036	-13036
Energy industries own use	-698	..	-698	..
Losses	-2779	..	-2779	..
Final consumption	31928	..	50664	..	2866	..	85458	50664
Final energy consumption	30442	..	50664	..	2866	..	83972	50664
Manufacturing, const., mining	1032	..	..	..	1339	..	2371	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	1032	..	..	..	..	..	1032	..
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	..	1339	..	1339	..
Transport	28199	..	..	..	..	..	28199	..
Road	22879	..	..	..	..	..	22879	..
Rail	4085	..	..	..	..	..	4085	..
Domestic aviation	1235	..	..	..	..	..	1235	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	1211	..	50664	..	1526	..	53401	50664
Agriculture, forestry, fishing
Commerce, public services	649	..	..	..	649	649
Households	1211	..	50015	..	1526	..	52752	50015
Other consumers
Non-energy use	1486	..	..	..	..	..	1486	..

Congo

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	541135	..	8931	65359	..	3452	..	618877	68811
Imports	14208	..	..	..	65	..	14273	..
Exports	-506575	-12605	..	..	..	-79	..	-519259	..
International marine bunkers
International aviation bunkers	-1808	..	..	..	..	..	-1808	..
Stock changes	0	..	..	..	..	..	0	..
Total energy supply	34561	-205	8931	65359	..	3438	..	112083	68811
Statistical difference	0	-47	618	-30	..	-115	..	426	3423
Transfers
Transformation	-34560	31438	-8312	-13035	..	2858	..	-21611	-13035
Electricity plants	-8312	..	..	2858	..	-5454	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-34560	31438	..	..	..	..	..	-3122	..
Other transformation	-13035	..	..	..	-13035	-13035
Energy industries own use	-706	..	-706	..
Losses	-2808	..	-2808	..
Final consumption	31281	..	52354	..	2898	..	86533	52354
Final energy consumption	29835	..	52354	..	2898	..	85087	52354
Manufacturing, const., mining	989	..	..	..	1354	..	2343	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	989	..	..	..	..	..	989	..
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	..	1354	..	1354	..
Transport	27635	..	..	..	..	..	27635	..
Road	22446	..	..	..	..	..	22446	..
Rail	3999	..	..	..	..	..	3999	..
Domestic aviation	1191	..	..	..	..	..	1191	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	1211	..	52354	..	1544	..	55109	52354
Agriculture, forestry, fishing
Commerce, public services	649	..	..	..	649	649
Households	1211	..	51705	..	1544	..	54460	51705
Other consumers
Non-energy use	1446	..	..	..	..	..	1446	..

Cook Islands

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	*9	*9	*9
Imports	..	*1243	..	..	..	..	*1243	..
Exports
International marine bunkers
International aviation bunkers	..	*-401	..	..	..	..	*-401	..
Stock changes
Total energy supply	..	*841	..	..	..	*9	*850	*9
Statistical Difference	..	*-47	..	..	..	0	*-47	*9
Transfers
Transformation	..	*-301	..	..	..	*97	*-204	..
Electricity plants	..	*-301	..	..	..	*97	*-204	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses
Final consumption	..	*588	..	..	..	106	*694	..
Final energy consumption	..	*588	..	..	..	106	*694	..
Manufacturing, const., mining
Transport	..	*588	..	..	..	..	*588	..
Road	..	*340	..	..	..	..	*340	..
Domestic aviation
Domestic navigation
Other transport	..	*248	..	..	..	..	*248	..
Other	106	106	..
Agriculture, forestry, fishing
Commerce and public services
Households
Other consumers	106	106	..
Non-energy use
2016								
Primary production	*13	*13	*13
Imports	..	*1291	..	..	..	..	*1291	..
Exports
International marine bunkers
International aviation bunkers	..	*-415	..	..	..	..	*-415	..
Stock changes
Total energy supply	..	*876	..	..	..	*13	*889	*13
Statistical Difference	..	0	..	..	..	0	0	*13
Transfers
Transformation	..	*-314	..	..	..	*107	*-207	..
Electricity plants	..	*-314	..	..	..	*107	*-207	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses
Final consumption	..	*562	..	..	..	120	*682	..
Final energy consumption	..	*562	..	..	..	120	*682	..
Manufacturing, const., mining
Transport	..	*562	..	..	..	..	*562	..
Road	..	*305	..	..	..	..	*305	..
Domestic aviation
Domestic navigation
Other transport	..	*257	..	..	..	..	*257	..
Other	120	120	..
Agriculture, forestry, fishing
Commerce and public services
Households
Other consumers	120	120	..
Non-energy use

Costa Rica

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	27310	..	32935	49523	109768	109768
Imports	14	3212	0	102230	..	0	..	1933	..	107389	0
Exports	0	-31	..	-603	..	-2316	..	-2950	-603
International marine bunkers
International aviation bunkers	*-7265	..	..	..	..	..	*-7265	..
Stock changes	368	-484	..	-34	..	..	..	-150	-34
Total energy supply	14	3212	368	94450	..	26674	..	32552	49523	206791	109131
Statistical difference	0	0	288	-1301	..	68	..	-29	0	-973	37955
Transfers	-79	77	..	0	..	..	..	-2	0
Transformation	..	*-1541	..	-947	..	-1487	..	5987	-49523	-47511	-46057
Electricity plants	-947	..	-1316	..	5379	-49523	-46407	-45887
CHP plants	*608	..	*608	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces	..	*-1541	..	..	..	..	..	..	..	*-1541	..
NGL plants & gas blending
Oil refineries
Other transformation	-171	..	..	..	-171	-171
Energy industries own use	-387	..	..	..	-445	..	-832	..
Losses	-4181	..	-4181	..
Final consumption	14	1670	..	94493	..	25119	..	33942	..	155239	25119
Final energy consumption	14	1670	..	91230	..	25119	..	33942	..	151976	25119
Manufacturing, const., mining	14	1670	..	9574	..	18826	..	6742	..	36826	18826
Iron and steel	..	1670	..	..	..	..	..	..	..	1670	..
Chemical and petrochemical	516	..	..	..	1355	..	1870	..
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	0	..	..	4825	..	12873	..	2258	..	19955	12873
Paper, pulp and printing	461	..	374	..	422	..	1257	374
Wood and wood products	191	..	5214	..	129	..	5534	5214
Textile and leather	574	..	..	..	235	..	810	..
Construction
Industries n.e.s	14	0	..	3006	..	366	..	2343	..	5729	366
Transport	74333	..	..	..	..	..	74333	..
Road	73986	..	..	..	..	..	73986	..
Rail	64	..	..	..	..	..	64	..
Domestic aviation	*191	..	..	..	..	..	*191	..
Domestic navigation	91	..	..	..	..	..	91	..
Pipeline transport
Transport, n.e.s
Other	7324	..	6293	..	27200	..	40817	6293
Agriculture, forestry, fishing	2020	..	..	..	1139	..	3159	..
Commerce, public services	1458	..	1082	..	12815	..	15355	1082
Households	2588	..	5211	..	12992	..	20791	5211
Other consumers	1258	..	..	..	253	..	1511	..
Non-energy use	3263	..	..	..	..	..	3263	..

Costa Rica

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	27817	..	33032	48223	109072	109072
Imports	14	3494	0	108757	..	0	..	2906	..	115170	0
Exports	0	0	..	-560	..	-2365	..	-2925	-560
International marine bunkers
International aviation bunkers	*-8156	..	..	..	..	..	*-8156	..
Stock changes	0	977	..	0	..	..	..	977	0
Total energy supply	14	3494	0	101578	..	27257	..	33574	48223	214139	108512
Statistical difference	0	0	0	-996	..	1337	..	-29	0	312	39191
Transfers	0	171	..	0	..	..	..	171	0
Transformation	..	*-1677	..	-1682	..	-1450	..	6135	-48223	-46897	-44850
Electricity plants	-1682	..	-1316	..	5553	-48223	-45668	-44717
CHP plants	*581	..	*581	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces	..	*-1677	..	..	..	..	..	..	..	*-1677	..
NGL plants & gas blending
Oil refineries
Other transformation	-134	..	..	..	-134	-134
Energy industries own use	-390	..	..	..	-445	..	-835	..
Losses	-4067	..	-4067	..
Final consumption	14	1817	..	100674	..	24470	..	35225	..	162200	24470
Final energy consumption	14	1817	..	97574	..	24470	..	35225	..	159100	24470
Manufacturing, const., mining	14	1817	..	10148	..	19031	..	7042	..	38050	19031
Iron and steel	..	1817	..	..	..	..	..	..	..	1817	..
Chemical and petrochemical	480	..	..	..	1418	..	1899	..
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	0	..	..	5250	..	12838	..	2348	..	20435	12838
Paper, pulp and printing	480	..	389	..	442	..	1311	389
Wood and wood products	205	..	5364	..	135	..	5704	5364
Textile and leather	595	..	..	..	246	..	841	..
Construction
Industries n.e.s	14	0	..	3137	..	440	..	2453	..	6044	440
Transport	79451	..	..	..	..	..	79451	..
Road	79120	..	..	..	..	..	79120	..
Rail	64	..	..	..	..	..	64	..
Domestic aviation	*209	..	..	..	..	..	*209	..
Domestic navigation	58	..	..	..	..	..	58	..
Pipeline transport
Transport, n.e.s
Other	7976	..	5440	..	28183	..	41599	5440
Agriculture, forestry, fishing	2245	..	..	..	1193	..	3437	..
Commerce, public services	1570	..	1126	..	13335	..	16032	1126
Households	2916	..	4314	..	13391	..	20620	4314
Other consumers	1246	..	..	..	265	..	1510	..
Non-energy use	3100	..	..	..	..	..	3100	..

Côte d'Ivoire

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	57284	..	70618	393409	..	4867	..	526178	398276
Imports	130411	12483	..	..	..	83	..	142977	..
Exports	-56597	-64072	..	..	..	-3139	..	-123809	..
International marine bunkers	-3080	..	..	..	..	..	-3080	..
International aviation bunkers	-5513	..	..	..	..	..	-5513	..
Stock changes	6487	..	..	..	..	..	6487	..
Total energy supply	131097	-53696	70618	393409	..	1811	..	543239	398276
Statistical difference	-3807	-314	-625	0	..	-1228	..	-5975	4867
Transfers	-397	..	..	..	..	..	-397	..
Transformation	-134904	128941	-60773	-215361	..	26492	..	-255605	-215361
Electricity plants	-4977	-60773	-1885	..	26492	..	-41143	-1885
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-221	237	..	..	..	..	..	16	..
Oil refineries	-134683	133682	..	..	..	..	..	-1002	..
Other transformation	-213476	..	..	..	-213476	-213476
Energy industries own use	-2530	..	..	..	-1570	..	-4100	..
Losses	-1328	..	-6278	..	-7606	-1328
Final consumption	72633	10470	176721	..	21683	..	281506	176721
Final energy consumption	71186	10470	176721	..	21683	..	280059	176721
Manufacturing, const., mining	11543	10470	..	..	7240	..	29253	..
Iron and steel	346	..	346	..
Chemical and petrochemical	367	..	367	..
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	1050	10470	..	..	2642	..	14163	..
Paper, pulp and printing
Wood and wood products	1742	..	1742	..
Textile and leather	0	..	..	..	508	..	508	..
Construction	191	..	191	..
Industries n.e.s	10493	0	..	..	1444	..	11936	..
Transport	43338	..	..	..	..	..	43338	..
Road	38647	..	..	..	..	..	38647	..
Rail	516	..	..	..	..	..	516	..
Domestic aviation
Domestic navigation	3999	..	..	..	..	..	3999	..
Pipeline transport
Transport, n.e.s	176	..	..	..	..	..	176	..
Other	16304	..	176721	..	14443	..	207468	176721
Agriculture, forestry, fishing	4644	..	..	..	0	..	4644	..
Commerce, public services	4644	..	17458	..	7531	..	29633	17458
Households	7016	..	159263	..	6854	..	173134	159263
Other consumers	58	..	58	..
Non-energy use	1447	..	..	..	..	..	1447	..

Côte d'Ivoire

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	85161	..	78911	391854	..	5505	..	561431	397359
Imports	100928	13178	..	..	..	68	..	114174	..
Exports	-79101	-59407	..	..	..	-6757	..	-145266	..
International marine bunkers	-3379	..	..	..	..	..	-3379	..
International aviation bunkers	-7023	..	..	..	..	..	-7023	..
Stock changes	2064	..	..	..	..	..	2064	..
Total energy supply	106988	-54568	78911	391854	..	-1184	..	522002	397359
Statistical difference	-29399	-5662	1	0	..	-1296	..	-36355	5505
Transfers	-573	..	..	..	..	..	-573	..
Transformation	-136387	133587	-66093	-208533	..	31405	..	-246021	-208533
Electricity plants	-991	-66093	-1941	..	31405	..	-37620	-1941
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-265	284	..	..	..	..	..	19	..
Oil refineries	-136121	134294	..	..	..	..	..	-1827	..
Other transformation	-206592	..	..	..	-206592	-206592
Energy industries own use	-2530	..	..	..	-1846	..	-4376	..
Losses	-1287	..	-5857	..	-7144	-1287
Final consumption	81577	12817	182034	..	23814	..	300242	182034
Final energy consumption	78766	12817	182034	..	23814	..	297431	182034
Manufacturing, const., mining	11619	12817	..	..	7837	..	32273	..
Iron and steel	374	..	374	..
Chemical and petrochemical	396	..	396	..
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	*757	12817	..	..	2862	..	16436	..
Paper, pulp and printing
Wood and wood products	1886	..	1886	..
Textile and leather	0	..	..	..	551	..	551	..
Construction	205	..	205	..
Industries n.e.s	10862	0	..	..	1562	..	12424	..
Transport	49179	..	..	..	..	..	49179	..
Road	44133	..	..	..	..	..	44133	..
Rail	559	..	..	..	..	..	559	..
Domestic aviation
Domestic navigation	4171	..	..	..	..	..	4171	..
Pipeline transport
Transport, n.e.s	316	..	..	..	..	..	316	..
Other	17969	..	182034	..	15977	..	215979	182034
Agriculture, forestry, fishing	4816	..	..	..	0	..	4816	..
Commerce, public services	4944	..	19933	..	8402	..	33279	19933
Households	8208	..	162101	..	7535	..	177844	162101
Other consumers	40	..	40	..
Non-energy use	2811	..	..	..	..	..	2811	..

Croatia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	..	..	28659	..	61605	66403	..	26078	808	183553	92899
Imports	25401	733	100064	90155	36334	1162	..	47369	..	301218	1162
Exports	..	..	..	-79539	-12712	-12498	..	-22928	..	-127678	-12498
International marine bunkers	..	..	..	-167	..	..	..	..	..	-167	..
International aviation bunkers	..	..	..	-4895	..	..	..	..	..	-4895	..
Stock changes	-770	0	-3553	-166	1938	169	..	..	..	-2383	169
Total energy supply	24631	733	125170	5388	87165	55235	..	50519	808	349649	81732
Statistical difference	0	0	0	0	0	-37	..	0	0	-37	26042
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-22079	11	-125170	127551	-20971	-3965	..	14378	11106	-19139	-3965
Electricity plants	-21951	..	..	-530	-1816	-249	..	9346	..	-15201	-249
CHP plants	-128	..	..	-2007	-13580	-3378	..	5033	8833	-5227	-3378
Heat plants	..	..	..	-334	-2505	..	..	..	2273	-565	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	2160	..	..	..	..	..	..	2160	..
Gas works	..	11	..	..	-11	..	..	..	..	0	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-1724	1845	..	..	..	..	..	121	..
Oil refineries	..	..	-125606	128577	..	..	..	..	..	2971	..
Other transformation	..	..	..	..	-3059	-338	..	..	..	-3397	-338
Energy industries own use	..	..	..	-16165	-7034	-27	..	-3175	-642	-27043	-27
Losses	..	..	..	..	-1097	-42	..	-6487	-1588	-9214	-42
Final consumption	2552	744	..	116774	58063	51238	..	55235	9684	294289	51656
Final energy consumption	2552	744	..	110744	40915	51238	..	55235	9684	271112	51656
Manufacturing, const., mining	2424	733	..	12077	14266	1662	..	12344	2304	45811	1272
Iron and steel	75	29	..	33	229	..	..	612	..	978	..
Chemical and petrochemical	..	..	..	174	4429	..	..	1102	633	6338	..
Non-ferrous metals	..	..	..	90	90	2	..	130	..	312	2
Non-metallic minerals	1934	586	..	5813	2851	687	..	2081	..	13952	297
Transport equipment	..	..	..	83	124	1	..	295	..	504	1
Machinery	..	..	..	266	734	8	..	1541	439	2987	8
Mining and quarrying	..	..	..	473	4	..	..	158	..	635	..
Food and tobacco	415	117	..	886	3851	121	..	2556	538	8484	121
Paper, pulp and printing	..	..	..	249	1118	22	..	1004	23	2417	22
Wood and wood products	..	..	..	..	41	354	..	954	559	1908	354
Textile and leather	..	..	..	40	488	4	..	598	44	1174	4
Construction	..	..	..	3927	..	..	..	274	..	4200	..
Industries n.e.s	0	0	..	43	308	463	..	1040	68	1922	463
Transport	..	..	..	81557	139	994	..	882	..	83571	994
Road	..	..	..	78579	139	994	..	..	..	79711	994
Rail	..	..	..	774	..	..	..	770	..	1544	..
Domestic aviation	..	..	..	441	..	..	..	..	..	441	..
Domestic navigation	..	..	..	1763	..	..	..	..	..	1763	..
Pipeline transport	..	..	..	..	..	..	..	112	..	112	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	128	11	..	17110	26510	48582	..	42008	7380	141730	49390
Agriculture, forestry, fishing	..	..	..	8399	741	..	..	223	344	9707	169
Commerce, public services	..	7	..	2624	7086	228	..	19458	1724	31126	562
Households	128	4	..	6087	18684	48355	..	22327	5312	100897	48660
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	6030	17148	..	..	..	..	23178	..

Croatia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	..	..	31541	..	57323	66526	..	28559	863	184811	95523
Imports	26932	879	108100	88317	44012	1215	..	44633	..	314088	1215
Exports	..	..	..	-88937	-13551	-13106	..	-24721	..	-140315	-13106
International marine bunkers	..	..	..	-210	..	..	..	..	..	-210	..
International aviation bunkers	..	..	..	-5204	..	..	..	..	..	-5204	..
Stock changes	-525	-29	1322	-4679	3093	167	..	..	..	-652	167
Total energy supply	26406	850	140963	-10712	90877	54802	..	48470	863	352519	83798
Statistical difference	0	0	0	0	0	-37	..	0	0	-37	28522
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-24561	..	-140963	144667	-24433	-5972	..	16855	11411	-22996	-5972
Electricity plants	-24409	..	..	-43	-2300	-259	..	10418	..	-16593	-259
CHP plants	-152	..	..	-553	-16064	-5352	..	6437	9095	-6589	-5352
Heat plants	..	..	..	-334	-2471	..	..	..	2316	-488	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	2556	..	..	..	..	..	..	2556	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-1768	1892	..	..	..	..	..	124	..
Oil refineries	..	..	-141751	143704	..	..	..	..	..	1953	..
Other transformation	..	..	..	..	-3598	-361	..	..	..	-3959	-361
Energy industries own use	..	..	..	-13623	-6264	-27	..	-3744	-610	-24268	-27
Losses	..	..	..	..	-1163	-44	..	-6502	-1487	-9195	-44
Final consumption	1845	850	..	120332	59017	48796	..	55080	10177	296096	49234
Final energy consumption	1845	850	..	113498	43148	48796	..	55080	10177	273394	49234
Manufacturing, const., mining	1727	850	..	12084	14939	1241	..	12334	2550	45724	816
Iron and steel	..	..	..	..	66	..	..	180	..	246	..
Chemical and petrochemical	..	..	..	175	4392	..	..	1098	672	6337	..
Non-ferrous metals	..	..	..	90	91	4	..	115	..	300	4
Non-metallic minerals	1203	703	..	5989	3000	478	..	2070	..	13444	53
Transport equipment	..	..	..	83	94	1	..	328	..	506	1
Machinery	..	..	..	225	807	8	..	1678	385	3103	8
Mining and quarrying	..	..	..	430	..	..	..	176	..	606	..
Food and tobacco	523	147	..	874	4009	98	..	2567	506	8723	98
Paper, pulp and printing	..	..	..	292	1736	2	..	1112	26	3169	2
Wood and wood products	..	..	..	..	39	366	..	1004	862	2271	366
Textile and leather	..	..	..	83	428	2	..	536	44	1094	2
Construction	..	..	..	3798	..	..	..	281	..	4079	..
Industries n.e.s	0	0	..	43	278	282	..	1188	55	1846	282
Transport	..	..	..	84545	153	37	..	904	..	85639	37
Road	..	..	..	81524	153	37	..	..	..	81714	37
Rail	..	..	..	774	..	..	..	781	..	1555	..
Domestic aviation	..	..	..	441	..	..	..	..	..	441	..
Domestic navigation	..	..	..	1806	..	..	..	..	..	1806	..
Pipeline transport	..	..	..	..	..	..	..	122	..	122	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	118	..	..	16869	28056	47518	..	41843	7627	142031	48381
Agriculture, forestry, fishing	..	..	..	8271	968	..	..	223	365	9827	170
Commerce, public services	..	..	..	2588	7583	290	..	19559	1932	31951	644
Households	118	..	..	6011	19506	47229	..	22061	5330	100254	47568
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	6834	15869	..	..	..	..	22703	..

Cuba

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	119371	..	43705	48457	..	174	..	211707	48631
Imports	175	39	186446	140826	..	..	..	..	..	327486	..
Exports	*-51140	..	..	..	..	..	*-51140	..
International marine bunkers	-26949	..	..	..	..	..	-26949	..
International aviation bunkers	*-4763	..	..	..	..	..	*-4763	..
Stock changes
Total energy supply	175	39	305816	57974	43705	48457	..	174	..	456341	48631
Statistical difference	111	0	*-13	29018	8706	684	..	0	..	38507	858
Transfers	*-105750	*101000	..	..	..	..	..	*-4750	..
Transformation	..	3607	*-200079	-11023	*-15034	-15162	..	72863	..	*-164828	-15162
Electricity plants	-188263	*-15034	*-13251	..	*72863	..	-143685	*-13251
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works	..	3636	..	*-12927	..	..	..	..	..	*-9291	..
Blast furnaces	..	*-28	..	..	..	..	..	..	..	*-28	..
NGL plants & gas blending
Oil refineries	*-200079	190167	..	..	..	..	..	*-9912	..
Other transformation	*-1911	..	..	..	*-1911	*-1911
Energy industries own use	-945	..	..	..	-3574	..	-4519	..
Losses	-11287	..	-11287	..
Final consumption	65	3647	..	117987	*19965	32611	..	58176	..	232450	32611
Final energy consumption	65	3647	..	113171	*19965	32611	..	58176	..	227634	32611
Manufacturing, const., mining	65	*423	..	63346	*19930	26017	..	13653	..	123432	26017
Iron and steel	..	11	..	..	..	..	..	..	..	11	..
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying	14782	..	..	..	..	..	14782	..
Food and tobacco	2485	..	*24911	..	..	..	*27396	*24911
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	457	..	..	..	260	..	716	..
Industries n.e.s	65	*412	..	45622	*19930	1105	..	13393	..	80526	1105
Transport	19718	..	..	..	1123	..	20841	..
Road	12234	..	..	..	..	..	12234	..
Rail	1123	..	1123	..
Domestic aviation	5531	..	..	..	..	..	5531	..
Domestic navigation
Pipeline transport
Transport, n.e.s	1954	..	..	..	..	..	1954	..
Other	..	3224	..	30107	*35	*6594	..	43400	..	83360	*6594
Agriculture, forestry, fishing	5668	..	*804	..	1193	..	7665	*804
Commerce, public services	*12868	..	..	..	975	..	*13843	..
Households	..	2167	..	10263	..	798	..	30486	..	43714	798
Other consumers	..	*1057	..	1308	*35	*4992	..	10746	..	18138	*4992
Non-energy use	4816	..	..	..	..	..	4816	..

Cuba

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	110792	..	41630	39841	..	231	..	192494	40072
Imports	57	31	157018	136452	..	..	..	..	..	293558	..
Exports	*-24314	..	..	..	..	..	*-24314	..
International marine bunkers	-24604	..	..	..	..	..	-24604	..
International aviation bunkers	-2183	..	..	..	..	..	-2183	..
Stock changes
Total energy supply	57	31	267810	85352	41630	39841	..	231	..	434951	40072
Statistical difference	-5	0	8	9289	8288	835	..	0	..	18415	1066
Transfers	*-170300	*162650	..	..	..	..	..	*-7649	..
Transformation	..	3676	*-97502	-100117	*-14321	*-15466	..	73420	..	-150311	*-15466
Electricity plants	-184924	*-14321	*-13128	..	*73420	..	-138954	*-13128
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works	..	3696	..	*-7761	..	..	..	..	..	*-4065	..
Blast furnaces	..	*-20	..	..	..	..	..	..	..	*-20	..
NGL plants & gas blending
Oil refineries	*-97502	92568	..	..	..	..	..	*-4934	..
Other transformation	*-2339	..	..	..	*-2339	*-2339
Energy industries own use	-223	..	..	..	-3810	..	-4032	..
Losses	-11222	..	-11222	..
Final consumption	62	3707	..	138373	*19020	23540	..	58620	..	243322	23540
Final energy consumption	62	3707	..	133827	*19020	23540	..	58620	..	238775	23540
Manufacturing, const., mining	62	*430	..	90058	*18985	17248	..	13579	..	140362	17248
Iron and steel	..	11	..	..	..	..	..	..	..	11	..
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying	19917	..	..	..	..	..	19917	..
Food and tobacco	2598	..	*16170	..	..	..	*18768	*16170
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	650	..	..	..	311	..	962	..
Industries n.e.s	62	*419	..	66893	*18985	1078	..	13268	..	100704	1078
Transport	19332	..	..	..	1034	..	20366	..
Road	11460	..	..	..	..	..	11460	..
Rail	1034	..	1034	..
Domestic aviation	5906	..	..	..	..	..	5906	..
Domestic navigation
Pipeline transport
Transport, n.e.s	1967	..	..	..	..	..	1967	..
Other	..	3277	..	24437	*35	*6292	..	44006	..	78047	*6292
Agriculture, forestry, fishing	5910	..	*813	..	1153	..	7875	*813
Commerce, public services	5601	..	..	..	1313	..	6914	..
Households	..	2204	..	11537	..	829	..	31713	..	46283	829
Other consumers	..	*1073	..	1389	*35	*4650	..	9828	..	16975	*4650
Non-energy use	4547	..	..	..	..	..	4547	..

Curaçao

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	115	..	115	115
Imports	392989	109859	5026	11	..	..	..	507884	11
Exports	-347049	..	..	..	..	..	-347049	..
International marine bunkers	-65233	..	..	..	..	..	-65233	..
International aviation bunkers	-2646	..	..	..	..	..	-2646	..
Stock changes
Total energy supply	392989	-305070	5026	11	..	115	..	93071	126
Statistical difference	0	426	0	0	..	0	..	426	115
Transfers	-2475	2649	..	..	..	..	..	174	..
Transformation	-390514	365091	..	..	..	2988	..	-22435	..
Electricity plants	-7716	..	..	..	2988	..	-4728	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-390514	372808	..	..	..	..	..	-17706	..
Other transformation
Energy industries own use	-36212	*-5026	..	..	-151	..	-41389	..
Losses	-497	..	-497	..
Final consumption	26033	..	*11	..	2455	..	28499	*11
Final energy consumption	21932	..	*11	..	2455	..	24398	*11
Manufacturing, const., mining	5131	..	..	..	1271	..	6402	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	5131	..	..	..	1271	..	6402	..
Transport	14531	..	..	..	..	..	14531	..
Road	14531	..	..	..	..	..	14531	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	2270	..	*11	..	*1184	..	3466	*11
Agriculture, forestry, fishing
Commerce, public services
Households	2270	..	*11	..	..	..	2281	*11
Other consumers	*1184	..	*1184	..
Non-energy use	4100	..	..	..	..	..	4100	..

Curaçao

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	835	..	835	835
Imports	344504	117153	*5040	11	..	..	..	466707	11
Exports	-319317	..	..	..	..	..	-319317	..
International marine bunkers	-65478	..	..	..	..	..	-65478	..
International aviation bunkers	-2646	..	..	..	..	..	-2646	..
Stock changes
Total energy supply	344504	-270288	*5040	11	..	835	..	80102	846
Statistical difference	0	95	0	0	..	0	..	95	835
Transfers	-2254	2412	..	..	..	..	..	158	..
Transformation	-342249	322742	..	..	..	2347	..	-17161	..
Electricity plants	-5858	..	..	..	2347	..	-3511	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-342249	328600	..	..	..	..	..	-13650	..
Other transformation
Energy industries own use	-28298	*-5040	..	..	-299	..	-33636	..
Losses	-508	..	-508	..
Final consumption	26474	..	*11	..	2376	..	28860	*11
Final energy consumption	22373	..	*11	..	2376	..	24760	*11
Manufacturing, const., mining	5171	..	..	..	1303	..	6474	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	5171	..	..	..	1303	..	6474	..
Transport	14884	..	..	..	..	..	14884	..
Road	14884	..	..	..	..	..	14884	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	2318	..	*11	..	1073	..	3401	*11
Agriculture, forestry, fishing
Commerce, public services
Households	2318	..	*11	..	..	..	2329	*11
Other consumers	1073	..	1073	..
Non-energy use	4100	..	..	..	..	..	4100	..

Cyprus

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	..	..	..	..	..	927	..	1249	2906	5082	4946
Imports	155	..	..	102662	..	1380	..	..	..	104197	1104
Exports	..	..	..	-1014	..	..	..	..	..	-1014	..
International marine bunkers	..	..	..	-10053	..	..	..	..	..	-10053	..
International aviation bunkers	..	..	..	-10275	..	..	..	..	..	-10275	..
Stock changes	0	..	..	-2999	..	141	..	..	..	-2858	23
Total energy supply	155	..	..	78321	..	2448	..	1249	2906	85079	6072
Statistical difference	0	..	..	-418	..	-1	..	-4	0	-423	1248
Transfers	..	..	..	202	..	..	..	..	..	202	..
Transformation	..	..	..	-38576	..	-374	..	15070	51	-23829	-374
Electricity plants	..	..	..	-38576	..	..	..	14886	..	-23690	..
CHP plants	..	..	..	..	..	-309	..	184	51	-74	-309
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	*-65	..	..	..	*-65	*-65
Energy industries own use	..	..	..	..	..	..	..	-821	0	-821	..
Losses	..	..	..	..	..	..	..	-774	..	-774	..
Final consumption	155	..	..	40365	..	2075	..	14728	2957	60280	4450
Final energy consumption	155	..	..	39360	..	2075	..	14728	2957	59275	4450
Manufacturing, const., mining	155	..	..	5715	..	988	..	1652	..	8511	457
Iron and steel	..	..	..	..	..	..	..	7	..	7	..
Chemical and petrochemical	..	..	..	83	..	*52	..	144	..	279	*52
Non-ferrous metals	..	..	..	47	..	..	..	..	..	47	..
Non-metallic minerals	155	..	..	4574	..	936	..	533	..	6197	405
Transport equipment	..	..	..	..	..	..	..	7	..	7	..
Machinery	..	..	..	..	..	..	..	61	..	61	..
Mining and quarrying	..	..	..	86	..	..	..	90	..	176	..
Food and tobacco	..	..	..	587	..	..	..	583	..	1170	..
Paper, pulp and printing	..	..	..	40	..	..	..	58	..	98	..
Wood and wood products	..	..	..	..	..	..	..	18	..	18	..
Textile and leather	..	..	..	..	..	..	..	18	..	18	..
Construction	..	..	..	210	..	..	..	14	..	224	..
Industries n.e.s	0	..	..	88	..	0	..	119	..	207	0
Transport	..	..	..	25647	..	405	..	..	..	26051	405
Road	..	..	..	25647	..	405	..	..	..	26051	405
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	0	..	..	7998	..	682	..	13075	2957	24713	3588
Agriculture, forestry, fishing	..	..	..	1127	..	151	..	518	51	1847	151
Commerce, public services	..	..	..	1506	..	234	..	6790	426	8955	660
Households	..	..	..	5016	..	298	..	5454	2480	13248	2778
Other consumers	0	..	..	349	..	..	..	313	..	663	..
Non-energy use	..	..	..	1005	..	..	..	..	..	1005	..

Cyprus

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	..	..	..	..	..	1085	..	1339	2952	5376	5175
Imports	0	..	..	108945	..	1955	..	..	..	110900	1386
Exports	..	..	..	-706	..	..	..	..	..	-706	..
International marine bunkers	..	..	..	-11882	..	..	..	..	..	-11882	..
International aviation bunkers	..	..	..	-11598	..	..	..	..	..	-11598	..
Stock changes	0	..	..	-931	..	-253	..	..	..	-1184	-75
Total energy supply	0	..	..	83828	..	2787	..	1339	2952	90906	6486
Statistical difference	0	..	..	-705	..	1	..	0	0	-704	1340
Transfers	..	..	..	202	..	..	..	..	..	202	..
Transformation	..	..	..	-42209	..	-416	..	16254	50	-26321	-416
Electricity plants	..	..	..	-42209	..	..	..	16067	..	-26142	..
CHP plants	..	..	..	..	..	-312	..	187	50	-75	-312
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	*-104	..	..	..	*-104	*-104
Energy industries own use	..	..	..	..	..	..	..	-810	0	-810	..
Losses	..	..	..	..	..	..	..	-947	..	-947	..
Final consumption	0	..	..	42526	..	2370	..	15836	3002	63734	4730
Final energy consumption	0	..	..	40877	..	2370	..	15836	3002	62085	4730
Manufacturing, const., mining	0	..	..	6020	..	1166	..	1750	..	8935	574
Iron and steel	..	..	..	..	..	..	..	7	..	7	..
Chemical and petrochemical	..	..	..	83	..	*21	..	155	..	259	*21
Non-ferrous metals	..	..	..	90	..	..	..	..	..	90	..
Non-metallic minerals	0	..	..	4535	..	1145	..	554	..	6234	553
Transport equipment	..	..	..	..	..	..	..	7	..	7	..
Machinery	..	..	..	..	..	..	..	72	..	72	..
Mining and quarrying	..	..	..	86	..	..	..	104	..	190	..
Food and tobacco	..	..	..	682	..	..	..	612	..	1294	..
Paper, pulp and printing	..	..	..	40	..	..	..	58	..	98	..
Wood and wood products	..	..	..	..	..	..	..	22	..	22	..
Textile and leather	..	..	..	..	..	..	..	18	..	18	..
Construction	..	..	..	422	..	..	..	14	..	437	..
Industries n.e.s	0	..	..	81	..	0	..	126	..	207	0
Transport	..	..	..	27034	..	368	..	..	..	27402	368
Road	..	..	..	27034	..	368	..	..	..	27402	368
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	0	..	..	7824	..	836	..	14087	3002	25748	3788
Agriculture, forestry, fishing	..	..	..	1084	..	163	..	619	50	1916	163
Commerce, public services	..	..	..	1327	..	238	..	7434	433	9431	671
Households	..	..	..	5064	..	435	..	5706	2519	13724	2954
Other consumers	0	..	..	349	..	..	..	328	..	677	..
Non-energy use	..	..	..	1648	..	..	..	..	..	1648	..

Czechia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	708181	..	7844	..	8576	173323	290782	16675	905	1206287	178574
Imports	91357	22332	302344	165585	258090	15277	..	58126	29	913140	15277
Exports	-107291	-14977	-1184	-103149	0	*-15548	..	-103180	-80	-345408	*-15548
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-12569	..	..	..	..	..	-12569	..
Stock changes	-8798	847	-677	-480	4754	241	..	..	..	-4113	241
Total energy supply	683450	8203	308327	49387	271420	173294	290782	-28379	854	1757337	178544
Statistical difference	1198	-1635	-296	-3835	0	0	0	7668	547	3647	16675
Transfers	..	..	..	1220	..	..	..	..	..	1220	..
Transformation	-624535	50134	-308623	311927	-48258	*-50584	-290782	280717	120782	-559221	*-47855
Electricity plants	-91373	..	..	-202	-4385	*-1277	-289883	128016	-362	-259466	*-1277
CHP plants	-421791	-30840	..	-1730	-21017	*-47313	-899	152726	95794	-275070	*-44992
Heat plants	-2210	-28	..	-242	-22856	*-1994	..	-25	25350	-2006	*-1586
Coke ovens	-80758	88816	..	..	..	..	..	..	..	8058	..
Briquetting plants	-2640	2415	..	..	..	..	..	..	..	-225	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	-17789	17024	..	..	..	..	..	..	..	-765	..
Blast furnaces	-7972	-30862	..	..	..	..	..	..	..	-38834	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-308833	313911	..	..	..	..	..	5078	..
Other transformation	..	3609	210	190	..	..	..	..	..	4009	..
Energy industries own use	-10799	-14769	..	-10593	-3960	..	..	-33332	-27111	-100564	..
Losses	-1430	-1322	..	..	-4834	..	..	-14641	-6713	-28941	..
Final consumption	45487	43880	..	355777	214368	*122710	..	196697	87265	1066184	*114014
Final energy consumption	45461	31175	..	272957	210353	*122710	..	196697	87265	966617	*114014
Manufacturing, const., mining	17542	27369	..	13065	82994	*27965	..	82102	25367	276405	*20047
Iron and steel	1796	21421	..	0	8174	*3	..	8446	2868	42707	*3
Chemical and petrochemical	7338	1392	..	1743	7409	138	..	12737	10863	41620	*19
Non-ferrous metals	..	113	..	..	1518	*2	..	1314	35	2982	*2
Non-metallic minerals	4534	3926	..	584	21276	7842	..	8233	364	46759	*60
Transport equipment	239	..	..	90	5599	*13	..	10037	1659	17637	*13
Machinery	307	263	..	225	10981	*160	..	14386	2560	28882	*160
Mining and quarrying	0	..	..	0	2205	*8	..	1260	24	3497	*8
Food and tobacco	1782	255	..	299	12697	*557	..	5706	3163	24458	*557
Paper, pulp and printing	1295	..	..	174	4588	*12300	..	6106	901	25363	*12300
Wood and wood products	38	..	..	124	878	*6576	..	1732	100	*9448	*6576
Textile and leather	88	..	..	47	2139	7	..	3121	371	5774	7
Construction	75	0	..	2241	3531	*129	..	1714	290	7979	*129
Industries n.e.s	50	0	..	7539	1999	*230	..	7312	2169	19299	*213
Transport	39	..	..	242025	2779	12342	..	5792	..	262978	12342
Road	..	..	..	236652	1500	12342	..	238	..	250731	12342
Rail	39	..	..	3612	..	..	..	5411	..	9062	..
Domestic aviation	..	..	..	1632	..	..	..	..	..	1632	..
Domestic navigation	..	..	..	129	..	..	..	..	..	129	..
Pipeline transport	..	..	..	..	1279	..	..	144	..	1423	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	27879	3806	..	17866	124579	*82403	..	108803	61898	427235	*81626
Agriculture, forestry, fishing	292	28	..	14113	2075	5171	..	3478	261	25418	5171
Commerce, public services	506	430	..	1163	45134	3834	..	53550	18513	123130	2478
Households	27082	3320	..	2034	74919	*73398	..	51775	43124	275651	*73977
Other consumers	0	28	..	556	2452	..	..	0	0	3036	..
Non-energy use	27	12705	..	82820	4016	..	..	..	..	99567	..

Czechia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	675080	..	7049	..	7546	174412	261206	16661	1142	1143096	178515
Imports	94970	26854	225727	206561	281148	17984	..	49741	33	903018	17984
Exports	-107551	-15859	-1184	-93364	..	*-16612	..	-89248	-83	-323901	*-16612
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-13495	..	..	..	..	..	-13495	..
Stock changes	27764	-81	248	784	5065	-67	..	..	..	33714	-67
Total energy supply	690263	10915	231841	100486	293759	175717	261206	-22846	1092	1742433	179819
Statistical difference	9437	-2545	0	-3326	0	27	0	7009	3766	14368	16688
Transfers	..	..	..	1228	..	..	..	..	..	1228	..
Transformation	-622602	45067	-231841	231049	-60390	*-49680	-261206	278899	127079	-543626	*-46799
Electricity plants	-94421	..	..	-242	-12070	-855	-260323	124470	-1005	-244446	-855
CHP plants	-419319	-30804	..	-1294	-22442	*-47267	-883	154454	100577	-266977	*-44760
Heat plants	-2129	-28	..	-283	-25879	*-1558	..	-25	27507	-2394	*-1184
Coke ovens	-78063	84610	..	..	..	..	..	..	..	6547	..
Briquetting plants	-2502	2767	..	..	..	..	..	..	..	265	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	-17540	16933	..	..	..	..	..	..	..	-607	..
Blast furnaces	-8629	-32036	..	..	..	..	..	..	..	-40665	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-231991	232730	..	..	..	..	..	740	..
Other transformation	..	3625	150	137	..	..	..	..	..	3912	..
Energy industries own use	-10597	-14713	..	-7109	-3326	..	..	-32576	-27383	-95704	..
Losses	-1347	-1642	..	..	-4615	..	..	-14688	-7110	-29403	..
Final consumption	46280	42172	..	328980	225428	*126010	..	201780	89912	1060560	*116333
Final energy consumption	46253	29300	..	275647	221229	*126010	..	201780	89912	990131	*116333
Manufacturing, const., mining	18513	25379	..	6265	84373	*29248	..	83534	25436	272748	*20171
Iron and steel	2822	19312	..	..	8213	*1	..	8208	2856	41412	*1
Chemical and petrochemical	7431	1385	..	585	6848	164	..	12420	10452	39285	*43
Non-ferrous metals	..	114	..	..	1972	*1	..	1458	38	3583	*1
Non-metallic minerals	4578	4136	..	595	20459	9016	..	8514	365	47662	77
Transport equipment	225	..	..	90	6527	*10	..	10494	1797	19143	*10
Machinery	254	231	..	309	10163	*114	..	14648	2632	28351	*114
Mining and quarrying	..	..	..	40	2041	*8	..	1339	44	3473	*8
Food and tobacco	1663	200	..	302	12556	*472	..	5720	3130	24043	*472
Paper, pulp and printing	1276	..	..	40	3958	*12098	..	6268	1031	24671	*12098
Wood and wood products	38	..	..	205	465	*7024	..	1739	109	*9579	*7024
Textile and leather	100	..	..	47	3689	5	..	3136	371	7348	5
Construction	50	..	..	2421	3685	*112	..	1771	283	8322	*112
Industries n.e.s	75	0	..	1631	3798	*223	..	7819	2328	15874	*206
Transport	40	..	..	251638	2282	12535	..	5890	..	272384	12535
Road	..	..	..	246296	2053	12240	..	248	..	260838	12240
Rail	40	..	..	3361	..	294	..	5530	..	9224	294
Domestic aviation	..	..	..	1809	..	..	..	..	..	1809	..
Domestic navigation	..	..	..	172	..	..	..	..	..	172	..
Pipeline transport	..	..	..	..	230	..	..	112	..	341	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	27700	3921	..	17745	134573	*84227	..	112356	64476	444999	*83627
Agriculture, forestry, fishing	252	29	..	14116	2565	6147	..	3413	300	26822	6147
Commerce, public services	765	429	..	1123	47214	3685	..	55177	19309	127703	2471
Households	26683	3463	..	2034	83471	*74395	..	53766	44867	288679	*75009
Other consumers	..	..	..	472	1323	..	..	..	..	1795	..
Non-energy use	27	12872	..	53332	4199	..	..	..	..	70430	..

Dem. Rep. of the Congo

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	44330	41	1141204	..	32098	1217673	1173302
Imports	..	42832	..	..	..	72	42904	..
Exports	..	-44330	..	..	..	-1519	-45850	..
International marine bunkers
International aviation bunkers	..	-5380	..	..	..	..	-5380	..
Stock changes
Total energy supply	..	37452	41	1141204	..	30650	1209347	1173302
Statistical Difference	..	-129	0	0	0	-2239	-2368	32098
Transfers
Transformation	..	-129	-41	-425897	116112	133	-309822	-309785
Electricity plants	..	-129	-41	-3014	..	133	-3051	-3014
Charcoal plants	-422883	116112	..	-306771	-306771
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-2329	-2329	..
Losses	-4536	-4536	..
Final consumption	..	37452	..	715307	116112	26158	895028	831419
Final energy consumption	..	37291	..	715307	116112	26158	894868	831419
Manufacturing, const., mining	..	646	..	128213	..	14378	143238	128213
Transport	..	36557	..	..	..	0	36557	..
Road	..	30752	..	..	..	..	30752	..
Domestic aviation
Domestic navigation	..	5805	..	..	..	..	5805	..
Other transport	0	0	..
Other	..	88	..	587094	116112	11779	715073	703206
Agriculture, forestry, fishing
Commerce and public services	2664	2664	..
Households	..	88	..	587094	116112	9115	712409	703206
Other consumers
Non-energy use	..	161	..	..	..	..	161	..
2016								
Primary production	..	42131	13	1181137	..	32756	1256037	1213893
Imports	..	32319	..	..	..	72	32391	..
Exports	..	-42131	..	..	..	-1512	-43643	..
International marine bunkers
International aviation bunkers	..	-5072	..	..	..	..	-5072	..
Stock changes
Total energy supply	..	27247	13	1181137	..	31316	1239713	1213893
Statistical Difference	..	-43	0	0	0	-511	-554	32756
Transfers
Transformation	..	-129	-13	-440802	120183	130	-320631	-320619
Electricity plants	..	-129	-13	-3114	..	130	-3126	-3114
Charcoal plants	-437688	120183	..	-317505	-317505
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-2376	-2376	..
Losses	-4378	-4378	..
Final consumption	..	27161	..	740335	120183	25204	912883	860518
Final energy consumption	..	27000	..	740335	120183	25204	912722	860518
Manufacturing, const., mining	..	889	..	132700	..	13853	147442	132700
Transport	..	26068	..	..	..	..	26068	..
Road	..	22198	..	..	..	..	22198	..
Domestic aviation
Domestic navigation	..	3870	..	..	..	..	3870	..
Other transport
Other	..	44	..	607635	120183	11351	739213	727818
Agriculture, forestry, fishing
Commerce and public services	2567	2567	..
Households	..	44	..	607635	120183	8784	736646	727818
Other consumers
Non-energy use	..	161	..	..	..	..	161	..

Denmark

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	..	..	325287	..	173510	107851	..	53118	1677	661443	145424
Imports	63108	440	176180	408079	24744	*55489	..	56322	151	784512	*52866
Exports	-2106	..	-191365	-375354	-82349	-1067	..	-35042	..	-687284	-1067
International marine bunkers	..	..	..	-32319	..	..	..	..	..	-32319	..
International aviation bunkers	..	..	..	-37485	..	..	..	..	..	-37485	..
Stock changes	10781	59	-3130	-32144	3521	..	..	..	..	-20913	..
Total energy supply	71783	498	306971	-69223	119426	162273	..	74398	1828	667953	197223
Statistical difference	-389	2	-3342	-1318	9	*197	..	-7	468	-4380	*54342
Transfers	..	..	..	482	..	..	..	..	..	482	..
Transformation	-67938	763	-310313	303789	-35033	*-101230	..	49968	129551	-30443	*-82408
Electricity plants	..	..	..	-172	..	-13	..	50	..	-135	-13
CHP plants	-67846	..	..	-3237	-18743	*-78704	..	51037	86375	-31118	*-61561
Heat plants	-92	..	..	-807	-15689	*-22513	..	-1120	43176	2956	*-20834
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	-601	..	..	..	..	-601	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	763	..	..	..	..	..	..	..	763	..
Oil refineries	..	..	-310313	308004	..	..	..	..	..	-2309	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	-14862	-24082	-104	..	-6808	-1487	-47343	-104
Losses	..	-31	..	..	-118	..	..	-6397	-25884	-32430	..
Final consumption	4235	1228	..	221503	60183	*60742	..	111168	103540	562599	*60369
Final energy consumption	4235	1228	..	210970	60183	*60742	..	111168	103540	552066	*60369
Manufacturing, const., mining	3525	725	..	16665	26682	*6581	..	30143	2772	87094	*5833
Iron and steel	..	..	..	90	1616	..	..	1609	154	3469	..
Chemical and petrochemical	481	187	..	250	4424	0	..	4817	463	10621	0
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	1900	381	..	7404	4134	1500	..	2682	258	18258	786
Transport equipment	..	..	..	43	221	*43	..	331	32	670	*43
Machinery	..	..	..	756	2074	*706	..	5141	494	9170	*702
Mining and quarrying	92	..	..	812	648	*1205	..	274	26	3056	*1205
Food and tobacco	1053	156	..	2050	10879	574	..	8554	822	24088	553
Paper, pulp and printing	..	..	..	133	1427	*130	..	1267	122	3079	*123
Wood and wood products	..	..	..	126	81	*1936	..	760	73	*2976	*1936
Textile and leather	..	..	..	..	221	*8	..	432	42	703	*8
Construction	..	..	..	4868	421	4	..	1300	..	6592	4
Industries n.e.s	0	1	..	133	538	*475	..	2977	286	4411	*474
Transport	..	..	..	162176	76	9532	..	1429	..	173213	9532
Road	..	..	..	150475	76	9532	..	..	..	160082	9532
Rail	..	..	..	3397	..	..	..	1429	..	4826	..
Domestic aviation	..	..	..	1279	..	..	..	..	..	1279	..
Domestic navigation	..	..	..	5673	..	..	..	..	..	5673	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	1352	..	..	..	..	..	1352	..
Other	710	503	..	32129	33425	*44629	..	79596	100768	291760	*45003
Agriculture, forestry, fishing	710	..	..	19361	1476	*2304	..	6422	1585	31858	*2304
Commerce, public services	..	40	..	2655	7249	*1840	..	36536	31337	79657	*1720
Households	..	463	..	10114	24425	*40485	..	36637	67846	179970	*40979
Other consumers	..	..	..	..	275	..	..	..	..	275	..
Non-energy use	..	..	..	10532	..	..	..	..	..	10532	..

Denmark

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	..	..	292885	..	169736	110815	..	48762	2296	624494	144383
Imports	67296	322	162178	387953	25617	*66389	..	53914	128	763797	*63644
Exports	-490	..	-163997	-377360	-79416	-1178	..	-35708	..	-658149	-1178
International marine bunkers	..	..	..	-28177	..	..	..	..	..	-28177	..
International aviation bunkers	..	..	..	-40307	..	..	..	..	..	-40307	..
Stock changes	12172	29	1100	6748	4564	552	..	..	..	25165	552
Total energy supply	78978	352	292166	-51143	120500	176578	..	66967	2424	686823	207401
Statistical difference	-5340	61	-3680	5993	-1098	*50	..	-7	207	-3814	*50408
Transfers	..	..	..	1158	..	..	..	..	..	1158	..
Transformation	-80027	816	-295846	295023	-37526	*-108431	..	60329	134968	-30695	*-89349
Electricity plants	..	..	..	-129	..	-15	..	47	..	-97	-15
CHP plants	-79981	..	..	-3206	-21715	*-85516	..	61070	91053	-38294	*-68312
Heat plants	-47	..	..	-761	-15224	*-22900	..	-788	43915	4195	*-21022
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	-588	..	..	..	..	-588	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	816	..	..	..	..	..	..	..	816	..
Oil refineries	..	..	-295846	299119	..	..	..	..	..	3273	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	-13157	-21933	-148	..	-8381	-2151	-45770	-148
Losses	..	-33	..	..	-115	..	..	-6768	-27004	-33920	..
Final consumption	4291	1074	..	225888	62024	*67949	..	112154	108030	581410	*67496
Final energy consumption	4291	1074	..	215476	62024	*67949	..	112154	108030	570998	*67496
Manufacturing, const., mining	3731	520	..	18136	26827	7674	..	30337	2772	89997	6927
Iron and steel	..	..	..	90	1629	1	..	1616	154	3491	1
Chemical and petrochemical	490	187	..	250	4461	0	..	4842	463	10693	0
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	2029	234	..	8532	4169	1503	..	2696	258	19421	789
Transport equipment	..	..	..	43	222	*44	..	335	32	676	*44
Machinery	..	..	..	756	2091	*734	..	5170	494	9244	*730
Mining and quarrying	93	..	..	859	653	*1253	..	274	26	3158	*1253
Food and tobacco	1119	98	..	2130	10972	1480	..	8597	822	25218	1459
Paper, pulp and printing	..	..	..	133	1439	*134	..	1274	122	3103	*128
Wood and wood products	..	..	..	126	81	*2012	..	763	73	*3056	*2012
Textile and leather	..	..	..	..	223	*8	..	436	42	709	*8
Construction	..	..	..	5083	343	11	..	1343	..	6779	11
Industries n.e.s	0	1	..	133	544	494	..	2992	286	4450	493
Transport	..	..	..	165715	131	9682	..	1501	..	177030	9682
Road	..	..	..	152979	131	9682	..	..	..	162793	9682
Rail	..	..	..	3440	..	..	..	1501	..	4941	..
Domestic aviation	..	..	..	1323	..	..	..	..	..	1323	..
Domestic navigation	..	..	..	6450	..	..	..	..	..	6450	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	1523	..	..	..	..	..	1523	..
Other	560	554	..	31625	35065	*50593	..	80316	105258	303971	*50888
Agriculture, forestry, fishing	560	..	..	19194	1680	*2376	..	6275	1585	31670	*2376
Commerce, public services	..	44	..	2662	7594	*2670	..	36976	32755	82701	*2464
Households	..	510	..	9770	25586	*45547	..	37066	70918	189397	*46048
Other consumers	..	..	..	..	204	..	..	..	..	204	..
Non-energy use	..	..	..	10412	..	..	..	..	..	10412	..

Djibouti

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	3516	..	..	3516	3516
Imports	..	12041	..	1	15	..	12057	16
Exports	..	*-844	..	-16	-1455	..	-2314	-1470
International marine bunkers	..	*-781	..	..	..	..	*-781	..
International aviation bunkers	..	-3978	..	..	..	..	-3978	..
Stock changes	..	*1446	..	..	..	..	*1446	..
Total energy supply	..	7884	..	3501	-1439	..	9946	2062
Statistical Difference	..	0	..	-15	0	11	-4	-15
Transfers
Transformation	..	*-3972	..	*-2849	1534	1447	*-3841	*-1316
Electricity plants	..	*-3972	..	..	..	1447	*-2525	..
Charcoal plants	*-2849	1534	..	*-1316	*-1316
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-14	-14	..
Losses	*-324	*-324	..
Final consumption	..	*3912	..	*667	*94	*1098	*5771	*761
Final energy consumption	..	*3518	..	*667	*94	*1098	*5377	*761
Manufacturing, const., mining	..	*442	..	..	..	..	*442	..
Transport	..	*1955	..	..	..	..	*1955	..
Road	..	*1955	..	..	..	..	*1955	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*1121	..	*667	*94	*1098	*2980	*761
Agriculture, forestry, fishing
Commerce and public services	..	*473	..	..	..	*490	*963	..
Households	..	*648	..	*667	*94	*608	*2018	*761
Other consumers
Non-energy use	..	*394	..	..	..	..	*394	..
2016								
Primary production	3560	..	..	3560	3560
Imports	..	10772	..	1	0	..	10773	1
Exports	..	*-603	..	-12	-442	..	*-1057	-454
International marine bunkers	..	*-794	..	..	..	..	*-794	..
International aviation bunkers	..	-3555	..	..	..	..	-3555	..
Stock changes	..	*2012	..	..	..	..	*2012	..
Total energy supply	..	7833	..	3549	-442	..	10940	3107
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	*-4021	..	*-2887	1554	1447	*-3906	*-1333
Electricity plants	..	*-4021	..	..	..	1447	*-2573	..
Charcoal plants	*-2887	1554	..	*-1333	*-1333
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-25	-25	..
Losses	*-324	*-324	..
Final consumption	..	*3812	..	*662	*1112	*1098	*6685	*1774
Final energy consumption	..	*3354	..	*662	*1112	*1098	*6226	*1774
Manufacturing, const., mining	..	*322	..	..	..	..	*322	..
Transport	..	*2047	..	..	..	..	*2047	..
Road	..	*2047	..	..	..	..	*2047	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*985	..	*662	*1112	*1098	*3858	*1774
Agriculture, forestry, fishing
Commerce and public services	..	*378	..	..	..	*490	*868	..
Households	..	*607	..	*662	*1112	*608	*2990	*1774
Other consumers
Non-energy use	..	*458	..	..	..	..	*458	..

Dominica

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	69	..	88	157	157
Imports	..	*2496	..	0	0	..	*2497	0
Exports	0	-1	..	-1	-1
International marine bunkers	..	*-40	..	..	..	..	*-40	..
International aviation bunkers	..	*-26	..	..	..	..	*-26	..
Stock changes	..	*47	..	..	..	..	*47	..
Total energy supply	..	*2476	..	69	-1	88	*2632	156
Statistical Difference	..	*1	..	0	0	0	*1	88
Transfers
Transformation	..	*-1379	..	*-13	7	456	*-929	*-6
Electricity plants	..	*-1379	..	..	..	456	*-923	..
Charcoal plants	*-13	7	..	*-6	*-6
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-14	-14	..
Losses	..	*-5	..	..	..	-29	-34	..
Final consumption	..	*1091	..	*56	*6	*500	*1653	*62
Final energy consumption	..	*1091	..	*56	*6	*500	*1653	*62
Manufacturing, const., mining	..	*139	..	..	..	*77	*216	..
Transport	..	*752	..	..	..	..	*752	..
Road	..	*752	..	..	..	..	*752	..
Domestic aviation
Domestic navigation
Other transport
Other	..	200	..	*56	*6	*423	*685	*62
Agriculture, forestry, fishing	..	*49	..	..	..	*13	*62	..
Commerce and public services	..	*47	..	..	..	*227	*274	..
Households	..	102	..	*56	*6	156	320	*62
Other consumers	..	*2	..	..	..	*27	*30	..
Non-energy use
2016								
Primary production	68	..	131	199	199
Imports	..	*2521	..	0	0	..	*2521	0
Exports	0	-1	..	-1	-1
International marine bunkers	..	*-42	..	..	..	..	*-42	..
International aviation bunkers	..	*-28	..	..	..	..	*-28	..
Stock changes	..	*48	..	..	..	..	*48	..
Total energy supply	..	*2499	..	69	-1	131	*2698	198
Statistical Difference	..	0	..	0	0	0	0	131
Transfers
Transformation	..	*-1374	..	*-13	7	430	*-949	*-6
Electricity plants	..	*-1374	..	..	..	430	*-943	..
Charcoal plants	*-13	7	..	*-6	*-6
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-14	-14	..
Losses	..	*-6	..	..	..	-31	-37	..
Final consumption	..	*1120	..	*56	*6	*516	*1697	*61
Final energy consumption	..	*1120	..	*56	*6	*516	*1697	*61
Manufacturing, const., mining	..	*144	..	..	..	*79	*222	..
Transport	..	*771	..	..	..	..	*771	..
Road	..	*771	..	..	..	..	*771	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*205	..	*56	*6	*437	*703	*61
Agriculture, forestry, fishing	..	*50	..	..	..	*13	*62	..
Commerce and public services	..	*47	..	..	..	*233	*280	..
Households	..	*106	..	*56	*6	165	*332	*61
Other consumers	..	*2	..	..	..	*26	*28	..
Non-energy use

Dominican Republic

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	..	..	..	..	..	10589	..	4563	..	15153	15153
Imports	28759	..	34398	223803	37743	0	..	..	..	324703	0
Exports	..	..	..	..	..	-56	..	..	..	-56	-56
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-21600	..	..	..	..	..	-21600	..
Stock changes	-658	..	266	1041	-700	..	..	..	..	-50	..
Total energy supply	28101	..	34665	203243	37043	10533	..	4563	..	318149	15097
Statistical difference	-273	..	410	634	0	-56	..	0	..	715	4507
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-24415	..	-34255	-52761	-32786	-865	..	59961	..	-85120	-865
Electricity plants	-24415	..	..	-85458	-32786	-36	..	59961	..	-82734	-36
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-34255	32701	..	..	..	..	..	-1553	..
Other transformation	..	..	..	..	..	-828	..	..	..	-828	-828
Energy industries own use	..	..	..	-1442	..	..	..	-2427	..	-3869	..
Losses	-715	..	..	..	..	..	..	-8268	..	-8983	..
Final consumption	3246	..	..	148406	4258	9725	..	53829	..	219463	9725
Final energy consumption	3246	..	..	135043	4258	9725	..	53829	..	206100	9725
Manufacturing, const., mining	3246	..	..	21740	3422	413	..	18103	..	46923	413
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	1118	658	..	..	2187	..	3963	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	2799	..	..	12849	386	..	..	5159	..	21194	..
Food and tobacco	446	..	..	3247	1184	413	..	5173	..	10464	413
Paper, pulp and printing	..	..	..	120	..	..	..	743	..	863	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	2226	1069	..	..	3868	..	7163	..
Construction	..	..	..	1657	..	..	..	..	..	1657	..
Industries n.e.s	0	..	..	522	125	0	..	973	..	1620	0
Transport	..	..	..	87467	836	0	..	194	..	88497	0
Road	..	..	..	87436	836	0	..	..	..	88272	0
Rail	..	..	..	..	..	..	..	194	..	194	..
Domestic aviation	..	..	..	31	..	..	..	..	..	31	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	25837	..	9311	..	35531	..	70680	9311
Agriculture, forestry, fishing	..	..	..	2473	..	..	..	3224	..	5697	..
Commerce, public services	..	..	..	3528	..	39	..	12930	..	16497	39
Households	..	..	..	19837	..	9272	..	19377	..	48486	9272
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	13363	..	..	..	..	..	13363	..

Dominican Republic

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	..	..	..	..	..	10822	..	6898	..	17720	17720
Imports	28953	..	49186	232325	34656	0	..	..	..	345120	0
Exports	..	..	..	..	..	-56	..	..	..	-56	-56
International marine bunkers	..	..	..	..	-1	..	..	..	..	-1	..
International aviation bunkers	..	..	..	-21887	..	..	..	..	..	-21887	..
Stock changes	-998	..	-68	1011	304	..	..	..	..	249	..
Total energy supply	27954	..	49119	211449	34959	10766	..	6898	..	341145	17664
Statistical difference	-1220	..	-406	1238	0	-56	..	0	..	-444	6842
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-25026	..	-49525	-40519	-30817	-905	..	60390	..	-86401	-905
Electricity plants	-25026	..	..	-87548	-30817	-42	..	60390	..	-83042	-42
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-49525	47034	..	..	..	..	..	-2491	..
Other transformation	..	..	..	..	..	-863	..	..	..	-863	-863
Energy industries own use	..	..	..	-2082	..	..	..	-2478	..	-4560	..
Losses	-733	..	..	..	..	..	..	-8682	..	-9415	..
Final consumption	3416	..	..	167610	4142	9917	..	56127	..	241213	9917
Final energy consumption	3416	..	..	149100	4142	9917	..	56127	..	222703	9917
Manufacturing, const., mining	3416	..	..	26995	3404	468	..	19057	..	53340	468
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	1311	660	..	..	2313	..	4284	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	2792	..	..	13732	387	..	..	5458	..	22368	..
Food and tobacco	624	..	..	5622	1188	468	..	5473	..	13375	468
Paper, pulp and printing	..	..	..	1018	..	..	..	786	..	1803	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	3057	1044	..	..	3998	..	8099	..
Construction	..	..	..	1712	..	..	..	..	..	1712	..
Industries n.e.s	0	..	..	545	125	0	..	1030	..	1700	0
Transport	..	..	..	94919	738	0	..	193	..	95850	0
Road	..	..	..	94324	738	0	..	..	..	95062	0
Rail	..	..	..	..	..	..	..	193	..	193	..
Domestic aviation	..	..	..	596	..	..	..	..	..	596	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	27186	..	9449	..	36877	..	73512	9449
Agriculture, forestry, fishing	..	..	..	2786	..	..	..	3572	..	6358	..
Commerce, public services	..	..	..	3716	..	39	..	13526	..	17281	39
Households	..	..	..	20683	..	9410	..	19780	..	49873	9410
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	18510	..	..	..	..	..	18510	..

Ecuador

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	1160556	..	52440	36787	..	47632	*102	1297517	84521
Imports	293709	..	..	..	1843	..	295552	..
Exports	-851860	-55171	..	..	..	-166	..	-907198	..
International marine bunkers	-13938	..	..	..	..	..	-13938	..
International aviation bunkers	-14964	..	..	..	..	..	-14964	..
Stock changes	-343	-3292	..	..	..	..	..	-3636	..
Total energy supply	308353	206344	52440	36787	..	49308	*102	653334	84521
Statistical difference	4225	11914	29030	0	..	-509	0	44660	47632
Transfers
Transformation	-299758	189564	-22775	-12097	..	45789	..	-99277	-12097
Electricity plants	-10408	-86333	-22775	-479	..	45789	..	-74207	-479
CHP plants	-11617	..	..	..	-11617	-11617
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	*-7114	7419	..	..	..	..	..	304	..
Oil refineries	-282235	264512	..	..	..	..	..	-17724	..
Other transformation	3966	..	..	..	..	..	3966	..
Energy industries own use	-4370	-19006	-106	..	..	-1791	..	-25273	..
Losses	-11470	..	-11470	..
Final consumption	364988	529	24690	..	82345	*102	472654	24792
Final energy consumption	364988	529	24690	..	82345	*102	472654	24792
Manufacturing, const., mining	55726	517	15499	..	32054	..	103796	15499
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	55726	517	15499	..	32054	..	103796	15499
Transport	224038	..	*188	..	36	..	224261	*188
Road	223661	..	*188	..	36	..	223885	*188
Rail	*199	..	..	..	..	..	*199	..
Domestic aviation	*177	..	..	..	..	..	*177	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	85224	11	9004	..	50256	*102	144597	9106
Agriculture, forestry, fishing	5469	..	..	..	..	..	5469	..
Commerce, public services	15454	..	..	..	18225	*102	33780	*102
Households	36541	11	9004	..	24940	..	70496	9004
Other consumers	*27760	..	..	..	7091	..	*34852	..
Non-energy use

Ecuador

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	1175663	..	54841	32475	..	57711	*102	1320792	90288
Imports	245922	..	..	..	294	..	246216	..
Exports	-807857	-101866	..	..	..	-1446	..	-911170	..
International marine bunkers	-11701	..	..	..	..	..	-11701	..
International aviation bunkers	-14175	..	..	..	..	..	-14175	..
Stock changes	-1431	1019	..	..	..	..	..	-412	..
Total energy supply	366375	119200	54841	32475	..	56559	*102	629550	90288
Statistical difference	-3695	4904	29872	0	..	-1751	0	29330	57712
Transfers
Transformation	-365769	264575	-23182	-12196	..	39124	..	-97447	-12196
Electricity plants	-13905	-68959	-23182	-282	..	39124	..	-67204	-282
CHP plants	-11914	..	..	..	-11914	-11914
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	*-7781	8091	..	..	..	..	..	310	..
Oil refineries	-344083	323835	..	..	..	..	..	-20247	..
Other transformation	1608	..	..	..	..	..	1608	..
Energy industries own use	-4301	-17572	-104	..	..	-268	..	-22245	..
Losses	-12597	..	-12597	..
Final consumption	361299	1682	20279	..	84570	*102	467932	20381
Final energy consumption	361299	1682	20279	..	84570	*102	467932	20381
Manufacturing, const., mining	36193	1665	11367	..	33740	..	82965	11367
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	36193	1665	11367	..	33740	..	82965	11367
Transport	231755	..	*188	..	36	..	231978	*188
Road	231378	..	*188	..	36	..	231602	*188
Rail	*199	..	..	..	..	..	*199	..
Domestic aviation	*177	..	..	..	..	..	*177	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	93352	17	8724	..	50794	*102	152989	8826
Agriculture, forestry, fishing	4835	..	..	..	..	..	4835	..
Commerce, public services	15270	..	..	..	17875	*102	33247	*102
Households	35970	17	8724	..	25577	..	70289	8724
Other consumers	*37277	..	..	..	7341	..	*44618	..
Non-energy use

Egypt

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	1464526	..	1309928	222733	..	54108	..	3051295	276841
Imports	8780	8817	136967	678611	238467	25	..	155	..	1071823	25
Exports	..	-2749	-524478	-101507	-8814	-2576	..	-4169	..	-644292	-2576
International marine bunkers	-7422	..	..	..	..	..	-7422	..
International aviation bunkers	-22315	..	..	..	..	..	-22315	..
Stock changes	..	0	..	1296	..	..	..	..	..	1296	..
Total energy supply	8780	6069	1077015	548665	1539581	220181	..	50094	..	3450386	274289
Statistical difference	0	0	-86842	16502	-174764	0	..	-252	..	-245356	54108
Transfers
Transformation	-8780	1486	-1163857	738877	-960570	*-36016	..	620816	..	-808044	*-36016
Electricity plants	-412557	-960570	..	..	620816	..	-752311	..
CHP plants
Heat plants
Coke ovens	-8446	7865	..	..	..	..	..	..	..	-581	..
Briquetting plants
Liquefaction plants
Gas works	-335	300	..	..	..	..	..	..	..	-35	..
Blast furnaces	..	-6679	..	..	..	..	..	..	..	-6679	..
NGL plants & gas blending	-60377	64612	..	..	..	..	..	4235	..
Oil refineries	-1103480	1086823	..	..	..	..	..	-16658	..
Other transformation	*-36016	..	..	..	*-36016	*-36016
Energy industries own use	-38843	-158917	..	..	-42624	..	-240384	..
Losses	-73400	..	-73400	..
Final consumption	..	7555	..	1232197	594859	*184165	..	555138	..	2573913	*184165
Final energy consumption	..	7555	..	1168171	431276	*184165	..	555138	..	2346304	*184165
Manufacturing, const., mining	..	7481	..	197114	353443	60675	..	141073	..	759785	60675
Iron and steel	..	7481	..	..	36175	..	..	..	..	43655	..
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	..	0	..	197114	317268	60675	..	141073	..	716130	60675
Transport	732950	13306	..	..	2164	..	748419	..
Road	697228	13306	..	..	..	..	710534	..
Rail	2164	..	2164	..
Domestic aviation	25137	..	..	..	..	..	25137	..
Domestic navigation	10585	..	..	..	..	..	10585	..
Pipeline transport
Transport, n.e.s
Other	..	74	..	238108	64527	*123490	..	411901	..	838100	*123490
Agriculture, forestry, fishing	37508	..	..	..	25232	..	62741	..
Commerce, public services	144612	..	144612	..
Households	..	74	..	200599	64527	..	..	242057	..	507257	..
Other consumers	*123490	..	..	..	*123490	*123490
Non-energy use	64026	163583	..	..	..	..	227609	..

Egypt

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	1368952	..	1455229	224835	..	56470	..	3105486	281305
Imports	9965	*7021	253715	672062	326705	21	..	194	..	1269684	21
Exports	..	-2068	-481882	-67550	-47120	-2191	..	-2689	..	-603501	-2191
International marine bunkers	-2181	..	..	..	..	..	-2181	..
International aviation bunkers	-18743	..	..	..	..	..	-18743	..
Stock changes	..	0	..	1183	..	..	..	..	..	1183	..
Total energy supply	9965	*4953	1140786	584771	1734813	222665	..	53975	..	3751927	279134
Statistical difference	-77	*1	27199	-1078	-160028	0	..	6649	..	-127334	56470
Transfers
Transformation	-10042	*2554	-1113587	795928	-1064574	*-36240	..	663268	..	-762692	*-36240
Electricity plants	-348031	-1064574	..	..	663268	..	-749338	..
CHP plants
Heat plants
Coke ovens	-9759	*8982	..	..	..	..	..	..	..	-777	..
Briquetting plants
Liquefaction plants
Gas works	-283	251	..	..	..	..	..	..	..	-32	..
Blast furnaces	..	-6679	..	..	..	..	..	..	..	-6679	..
NGL plants & gas blending	-57990	62058	..	..	..	..	..	4067	..
Oil refineries	-1055597	1081902	..	..	..	..	..	26306	..
Other transformation	*-36240	..	..	..	*-36240	*-36240
Energy industries own use	-41317	-186071	..	..	-43470	..	-270858	..
Losses	-82933	..	-82933	..
Final consumption	..	*7506	..	*1340460	644197	*186425	..	584190	..	2762778	*186425
Final energy consumption	..	*7506	..	*1217558	483169	*186425	..	584190	..	2478848	*186425
Manufacturing, const., mining	..	*7424	..	228260	399715	62510	..	145138	..	843047	62510
Iron and steel	..	*7424	..	..	49450	..	..	..	..	56874	..
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	..	0	..	228260	350266	62510	..	145138	..	786173	62510
Transport	*749421	11828	..	..	2095	..	*763344	..
Road	*715081	11828	..	..	..	..	*726909	..
Rail	2095	..	2095	..
Domestic aviation	24079	..	..	..	..	..	24079	..
Domestic navigation	10262	..	..	..	..	..	10262	..
Pipeline transport
Transport, n.e.s
Other	..	82	..	239877	71626	*123915	..	436957	..	872457	*123915
Agriculture, forestry, fishing	39099	..	..	..	26449	..	65548	..
Commerce, public services	141026	..	141026	..
Households	..	82	..	200778	71626	..	..	269482	..	541967	..
Other consumers	*123915	..	..	..	*123915	*123915
Non-energy use	*122902	161028	..	..	..	..	283930	..

EI Salvador

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	26524	..	4871	55440	86835	86835
Imports	0	96564	..	..	..	3467	..	100031	..
Exports	0	-726	..	..	..	-230	..	-956	..
International marine bunkers
International aviation bunkers	-6659	..	..	..	..	..	-6659	..
Stock changes	0	1122	..	..	..	..	..	1122	..
Total energy supply	0	90301	..	26524	..	8107	55440	180372	86835
Statistical difference	0	-40	..	-30	..	443	0	373	10385
Transfers
Transformation	0	-20644	..	-13367	..	16690	-55440	-72761	-63263
Electricity plants	-20644	..	-12113	..	16690	-55440	-71508	-62009
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	0	0	..	..	..	..	..	0	..
Other transformation	-1254	..	..	..	-1254	-1254
Energy industries own use	0	..	..	..	-1271	..	-1271	..
Losses	-2441	..	-2441	..
Final consumption	69697	..	13187	..	20642	..	103527	13187
Final energy consumption	68853	..	13187	..	20642	..	102683	13187
Manufacturing, const., mining	11925	..	933	..	7592	..	20450	933
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	0	..	..	..	..	..	0	..
Industries n.e.s	11925	..	933	..	7592	..	20450	933
Transport	46612	..	..	..	..	..	46612	..
Road	46612	..	..	..	..	..	46612	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	10316	..	12254	..	13050	..	35620	12254
Agriculture, forestry, fishing
Commerce, public services	1002	..	1323	..	4702	..	7026	1323
Households	9315	..	10932	..	6556	..	26802	10932
Other consumers	1793	..	1793	..
Non-energy use	844	..	..	..	..	..	844	..

EI Salvador

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	23337	..	4540	56736	84613	84613
Imports	102131	..	..	..	3838	..	105969	..
Exports	0	..	..	..	-281	..	-281	..
International marine bunkers
International aviation bunkers	-7365	..	..	..	..	..	-7365	..
Stock changes	0	..	..	..	..	..	0	..
Total energy supply	94766	..	23337	..	8096	56736	182936	84613
Statistical difference	283	..	-29	..	212	0	467	10185
Transfers
Transformation	-20402	..	-13003	..	17003	-56736	-73138	-64065
Electricity plants	-20402	..	-11744	..	17003	-56736	-71879	-62806
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	0	..	..	..	..	..	0	..
Other transformation	-1259	..	..	..	-1259	-1259
Energy industries own use	-1084	..	-1084	..
Losses	-24	..	-3204	..	-3228	-24
Final consumption	74082	..	10339	..	20599	..	105020	10339
Final energy consumption	73278	..	10339	..	20599	..	104216	10339
Manufacturing, const., mining	13766	..	934	..	6401	..	21101	934
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	122	..	122	..
Industries n.e.s	13766	..	934	..	6278	..	20979	934
Transport	48550	..	..	..	..	..	48550	..
Road	48550	..	..	..	..	..	48550	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	10961	..	9405	..	14198	..	34565	9405
Agriculture, forestry, fishing
Commerce, public services	1265	..	1318	..	5875	..	8458	1318
Households	9697	..	8087	..	6826	..	24610	8087
Other consumers	1498	..	1498	..
Non-energy use	804	..	..	..	..	..	804	..

Equatorial Guinea

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	535579	*249237	4083	..	*720	789620	4803
Imports	..	*10732	..	..	..	..	*10732	..
Exports	..	-557706	-175946	..	..	..	-733652	..
International marine bunkers
International aviation bunkers	..	*-1499	..	..	..	..	*-1499	..
Stock changes	..	*160	*-9000	..	..	..	*-8840	..
Total energy supply	..	-12735	*64291	4083	..	*720	56360	4803
Statistical Difference	..	-4061	*126	0	0	*1	-3934	720
Transfers
Transformation	..	26030	*-36810	*-565	295	2334	*-8717	*-270
Electricity plants	..	*-86	*-5310	..	..	2334	*-3062	..
Charcoal plants	*-565	295	..	*-270	*-270
Other transformation	..	26116	*-31500	0	..	..	*-5384	0
Energy industries own use	..	*-6979	*-356	..	..	*-126	*-7461	..
Losses	*-342	*-342	..
Final consumption	..	*10376	*27000	*3519	*295	*2585	*43775	*3814
Final energy consumption	..	*10175	*27000	*3519	*295	*2585	*43574	*3814
Manufacturing, const., mining	..	*1290	*27000	..	..	*756	*29046	..
Transport	..	*6658	..	..	..	..	*6658	..
Road	..	*6658	..	..	..	..	*6658	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*2227	..	*3519	*295	*1829	*7869	*3814
Agriculture, forestry, fishing
Commerce and public services	..	*473	..	..	..	*720	*1193	..
Households	..	*757	..	*3519	*295	*792	*5363	*3814
Other consumers	..	*997	..	..	..	*317	*1314	..
Non-energy use	..	*201	..	..	..	..	*201	..
2016								
Primary production	..	457952	*347439	4083	..	*720	810194	4803
Imports	..	*11017	..	..	..	..	*11017	..
Exports	..	-492224	-303252	..	..	..	-795476	..
International marine bunkers
International aviation bunkers	..	*-1544	..	..	..	..	*-1544	..
Stock changes	..	*1488	*18000	..	..	..	*19488	..
Total energy supply	..	-23311	*62187	4083	..	*720	43680	4803
Statistical Difference	..	-6035	*-1978	0	0	0	-8013	720
Transfers
Transformation	..	33863	*-45810	*-576	310	*2340	*-9874	*-267
Electricity plants	..	*-86	*-5310	..	..	*2340	*-3056	..
Charcoal plants	*-576	310	..	*-267	*-267
Other transformation	..	33949	*-40500	0	..	..	*-6551	0
Energy industries own use	..	*-5922	*-356	..	..	*-126	*-6404	..
Losses	*-346	*-346	..
Final consumption	..	*10665	*18000	*3507	*310	*2588	*35070	*3817
Final energy consumption	..	*10440	*18000	*3507	*310	*2588	*34845	*3817
Manufacturing, const., mining	..	*1333	*18000	..	..	*832	*20165	..
Transport	..	*6746	..	..	..	..	*6746	..
Road	..	*6746	..	..	..	..	*6746	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*2361	..	*3507	*310	*1757	*7934	*3817
Agriculture, forestry, fishing
Commerce and public services	..	*520	..	..	..	*756	*1276	..
Households	..	*757	..	*3507	*310	*900	*5473	*3817
Other consumers	..	*1084	..	..	..	*101	*1185	..
Non-energy use	..	*225	..	..	..	..	*225	..

Eritrea

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	27379	..	7	27386	27386
Imports	..	8254	..	..	..	..	8254	..
Exports
International marine bunkers
International aviation bunkers	..	-44	..	..	..	..	-44	..
Stock changes
Total energy supply	..	8209	..	27379	..	7	35596	27386
Statistical Difference	..	0	..	0	0	0	0	7
Transfers
Transformation	..	-4583	..	-13288	5192	1454	-11225	-8096
Electricity plants	..	-4583	..	..	..	1454	-3129	..
Charcoal plants	-13288	5192	..	-8096	-8096
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-72	-72	..
Losses	-194	-194	..
Final consumption	..	3626	..	*14091	5192	1195	*24104	*19283
Final energy consumption	..	3546	..	*14091	5192	1195	*24024	*19283
Manufacturing, const., mining	..	245	..	..	..	356	601	..
Transport	..	2553	..	..	..	..	2553	..
Road	..	2553	..	..	..	..	2553	..
Domestic aviation
Domestic navigation
Other transport
Other	..	748	..	*14091	5192	839	*20870	*19283
Agriculture, forestry, fishing
Commerce and public services	..	84	..	*825	89	367	*1365	*914
Households	..	664	..	*13266	5104	472	*19505	*18370
Other consumers
Non-energy use	..	80	..	..	..	..	80	..
2016								
Primary production	30208	..	7	30215	30215
Imports	..	8547	..	..	..	..	8547	..
Exports
International marine bunkers
International aviation bunkers	..	-44	..	..	..	..	-44	..
Stock changes
Total energy supply	..	8503	..	30208	..	7	38719	30215
Statistical Difference	..	0	..	0	0	0	0	7
Transfers
Transformation	..	-4747	..	-16016	5369	1508	-13886	-10647
Electricity plants	..	-4747	..	..	..	1508	-3239	..
Charcoal plants	-16016	5369	..	-10647	-10647
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-76	-76	..
Losses	-223	-223	..
Final consumption	..	3756	..	*14192	5369	1217	*24534	*19561
Final energy consumption	..	3676	..	*14192	5369	1217	*24453	*19561
Manufacturing, const., mining	..	245	..	..	..	317	562	..
Transport	..	2639	..	..	..	..	2639	..
Road	..	2639	..	..	..	..	2639	..
Domestic aviation
Domestic navigation
Other transport
Other	..	792	..	*14192	5369	900	*21253	*19561
Agriculture, forestry, fishing
Commerce and public services	..	84	..	*856	89	382	*1410	*945
Households	..	708	..	*13336	5281	518	*19843	*18617
Other consumers
Non-energy use	..	80	..	..	..	..	80	..

Estonia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	177805	..	..	..	..	54001	..	2671	..	234477	55263
Imports	190	..	..	72658	16348	*672	..	19627	..	109494	*672
Exports	-385	-228	-27684	-15847	..	*-16206	..	-22957	..	-83307	*-16206
International marine bunkers	..	..	..	-12238	..	..	..	..	..	-12238	..
International aviation bunkers	..	..	..	-1058	..	..	..	..	..	-1058	..
Stock changes	-14321	0	..	-397	..	*-410	..	..	..	-15129	*-409
Total energy supply	163289	-228	-27684	43117	16348	38057	..	-659	..	232240	39320
Statistical difference	-873	0	0	301	0	0	..	0	0	-572	2671
Transfers	..	..	-3060	3530	..	..	..	..	..	470	..
Transformation	-161017	446	30744	-1495	-6824	*-16651	..	34830	21204	-98763	*-15771
Electricity plants	-103262	-3222	..	-646	..	*-355	..	30370	..	-77116	*-355
CHP plants	-6199	-1817	..	-40	-473	*-12012	..	4460	11229	-4852	*-11132
Heat plants	-529	-760	..	-808	-6350	*-4284	..	..	9975	-2757	*-4284
Coke ovens	-315	228	..	..	..	..	..	..	..	-87	..
Briquetting plants	-150	88	..	..	..	..	..	..	..	-62	..
Liquefaction plants	-43812	..	30744	..	..	..	..	..	..	-13068	..
Gas works	-6750	5929	..	..	..	..	..	..	..	-821	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	-522	-130	..	-807	-212	-622	..	-6995	-227	-9514	-350
Losses	..	..	..	..	..	..	..	-2509	-2948	-5457	..
Final consumption	2623	88	..	44045	9312	*20784	..	24667	18029	119548	*20528
Final energy consumption	1372	88	..	41070	9312	*20784	..	24667	18029	115322	*20528
Manufacturing, const., mining	1263	0	..	2956	3948	*4863	..	7412	1561	22004	*4607
Iron and steel	..	..	..	..	1	0	..	4	0	5	0
Chemical and petrochemical	..	..	..	396	137	*5	..	482	751	1771	*5
Non-ferrous metals	0	..	..	..	41	..	..	14	0	55	..
Non-metallic minerals	1263	0	..	43	648	516	..	572	60	3103	259
Transport equipment	..	..	..	43	87	*15	..	234	62	441	*15
Machinery	..	..	..	47	252	*35	..	900	226	1460	*35
Mining and quarrying	..	..	..	215	179	0	..	65	2	461	0
Food and tobacco	0	..	..	455	931	*30	..	1156	138	2709	*30
Paper, pulp and printing	0	..	..	0	860	*290	..	1328	27	2506	*290
Wood and wood products	..	..	..	253	337	*3500	..	1346	52	*5488	*3500
Textile and leather	..	..	..	40	81	*12	..	353	70	556	*12
Construction	..	0	..	1374	263	*10	..	292	77	2015	*10
Industries n.e.s	0	0	..	90	132	*450	..	666	96	1435	*450
Transport	..	..	..	31904	116	134	..	169	..	32323	134
Road	..	..	..	30571	116	134	..	61	..	30882	134
Rail	..	..	..	817	..	..	..	47	..	864	..
Domestic aviation	..	..	..	0	..	..	..	..	..	0	..
Domestic navigation	..	..	..	516	..	..	..	..	..	516	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	61	..	61	..
Other	109	88	..	6210	5248	*15787	..	17086	16468	60994	*15787
Agriculture, forestry, fishing	..	..	..	4384	253	*170	..	738	77	5622	*170
Commerce, public services	0	20	..	1417	2930	*484	..	10127	4522	19500	*484
Households	109	68	..	409	2065	*15133	..	6221	11869	35873	*15133
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	1251	..	..	2975	0	..	..	..	..	4226	..

Estonia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	131716	..	..	..	..	61833	..	2264	..	195813	62625
Imports	624	..	..	78217	17931	*592	..	12877	..	110242	*592
Exports	-192	-371	-22896	-21667	..	*-21311	..	-20210	..	-86647	*-21311
International marine bunkers	..	..	..	-11520	..	..	..	..	..	-11520	..
International aviation bunkers	..	..	..	-926	..	..	..	..	..	-926	..
Stock changes	27170	20	..	-480	..	5	..	..	..	26715	1
Total energy supply	159318	-351	-22896	43625	17931	41119	..	-5069	..	233677	41908
Statistical difference	0	0	0	0	0	0	..	-576	546	-30	2264
Transfers	..	..	-3168	3636	..	..	..	..	..	468	..
Transformation	-156044	371	26064	-2424	-6260	*-22837	..	41569	23940	-95621	*-21865
Electricity plants	-108230	-2600	..	-1616	..	*-944	..	37084	..	-76306	*-769
CHP plants	-5277	-2650	..	-40	-518	*-12516	..	4486	11966	-4549	*-11719
Heat plants	-182	..	..	-768	-5742	*-9377	..	..	11974	-4094	*-9377
Coke ovens	-476	371	..	..	..	..	..	..	..	-105	..
Briquetting plants	..	0	..	..	..	..	..	..	..	0	..
Liquefaction plants	-36338	..	26064	..	..	..	..	..	..	-10274	..
Gas works	-5542	5250	..	..	..	..	..	..	..	-292	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	-370	..	..	-721	-1103	-517	..	-8197	-373	-11280	-288
Losses	..	..	..	..	..	..	..	-2603	-3244	-5847	..
Final consumption	2904	20	..	44116	10569	*17765	..	26276	19777	121427	*17491
Final energy consumption	1176	20	..	42146	10569	*17765	..	26276	19777	117729	*17491
Manufacturing, const., mining	944	..	..	3304	4459	*4954	..	7747	1582	22989	*4680
Iron and steel	..	..	..	..	13	0	..	4	..	16	0
Chemical and petrochemical	..	..	..	310	179	*5	..	410	693	1597	*5
Non-ferrous metals	..	..	..	..	48	..	..	18	..	66	..
Non-metallic minerals	944	..	..	43	732	551	..	580	81	2930	277
Transport equipment	..	..	..	43	83	*14	..	241	64	445	*14
Machinery	..	..	..	47	217	*34	..	1058	213	1570	*34
Mining and quarrying	..	..	..	215	230	..	..	65	3	512	..
Food and tobacco	..	..	..	505	1011	*28	..	1152	140	2835	*28
Paper, pulp and printing	..	..	..	..	977	*316	..	1451	38	2782	*316
Wood and wood products	..	..	..	250	401	*3490	..	1483	78	*5703	*3490
Textile and leather	..	..	..	40	101	*11	..	266	68	487	*11
Construction	..	..	..	1808	305	*10	..	299	91	2513	*10
Industries n.e.s	0	..	..	43	163	*495	..	720	113	1534	*495
Transport	..	..	..	33129	173	107	..	173	..	33582	107
Road	..	..	..	31667	173	107	..	61	..	32008	107
Rail	..	..	..	645	..	..	..	43	..	688	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	817	..	..	..	..	..	817	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	68	..	68	..
Other	233	20	..	5713	5937	*12704	..	18356	18195	61158	*12704
Agriculture, forestry, fishing	130	..	..	4130	194	*115	..	774	78	5421	*115
Commerce, public services	21	20	..	1123	3321	*461	..	10696	5060	20701	*461
Households	81	..	..	460	2423	*12128	..	6887	13057	35036	*12128
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	1728	..	..	1970	..	..	..	..	..	3697	..

Eswatini

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	*3006	..	..	..	..	32075	..	832	..	35912	32907
Imports	1809	..	..	*10804	..	2266	..	3529	..	*18408	2266
Exports	*-2234	..	..	..	..	-4078	..	..	..	-6312	-4078
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	*-26	..	..	..	..	..	*-26	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	*2580	..	..	*10777	..	30264	..	4361	..	47982	31095
Statistical difference	*-77	..	..	*-18	..	-716	..	0	0	*-811	115
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	*-877	..	..	0	..	*-20476	..	*954	*9403	*-10996	*-20476
Electricity plants	..	..	..	0	..	..	..	0	..	0	..
CHP plants	*-645	..	..	0	..	*-13830	..	*954	*5322	*-8199	*-13830
Heat plants	-232	..	..	..	..	*-5415	..	..	*4080	*-1567	*-5415
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	*-1230	..	..	..	*-1230	*-1230
Energy industries own use	-771	..	..	..	..	..	..	*-36	0	-807	..
Losses	..	..	..	..	..	..	..	*-612	0	*-612	..
Final consumption	1009	..	..	*10795	..	*10504	..	4667	*9403	*36378	*10504
Final energy consumption	1009	..	..	*10715	..	*10504	..	4667	*9403	*36298	*10504
Manufacturing, const., mining	980	..	..	*1108	..	*5053	..	1318	*9403	*17861	*5053
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	*32	..	*32	..
Food and tobacco	980	..	..	..	..	..	..	*954	*4089	*6023	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	*5314	*5314	..
Wood and wood products	..	..	..	..	..	..	..	*22	..	*22	..
Textile and leather	..	..	..	*516	..	..	..	*310	..	*826	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	0	..	..	*592	..	*5053	..	0	0	*5644	*5053
Transport	..	..	..	*8524	..	..	..	..	..	*8524	..
Road	..	..	..	*7664	..	..	..	..	..	*7664	..
Rail	..	..	..	*860	..	..	..	..	..	*860	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	29	..	..	*1084	..	*5451	..	3349	..	*9913	*5451
Agriculture, forestry, fishing	..	..	..	*448	..	..	..	902	..	1350	..
Commerce, public services	29	..	..	*95	..	..	..	384	..	507	..
Households	..	..	..	*541	..	*5451	..	1264	..	*7256	*5451
Other consumers	..	..	..	..	..	..	..	*799	..	*799	..
Non-energy use	..	..	..	*80	..	..	..	..	..	*80	..

Eswatini

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	*3360	..	..	..	..	29349	..	444	..	33153	29793
Imports	2608	..	..	11994	..	1892	..	3878	..	20372	1892
Exports	*-2497	..	..	..	..	-7567	..	..	..	-10065	-7567
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-44	..	..	..	..	..	-44	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	*3471	..	..	11950	..	23674	..	4321	..	43416	24118
Statistical difference	-324	..	..	-43	..	-2649	..	1	0	-3014	-2205
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-1109	..	..	..	..	*-18447	..	954	*9403	*-9200	*-18447
Electricity plants	..	..	..	..	..	..	..	0	..	0	..
CHP plants	*-748	..	..	..	..	*-11776	..	954	*5322	*-6248	*-11776
Heat plants	-361	..	..	..	..	*-5415	..	..	*4080	*-1696	*-5415
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	*-1256	..	..	..	*-1256	*-1256
Energy industries own use	-1212	..	..	..	..	..	..	-112	0	-1323	..
Losses	..	..	..	..	..	..	..	-619	0	-619	..
Final consumption	1473	..	..	11993	..	*7876	..	4544	*9403	*35288	*7876
Final energy consumption	1473	..	..	11912	..	*7876	..	4544	*9403	*35208	*7876
Manufacturing, const., mining	1471	..	..	2411	..	*4281	..	1309	*9403	*18873	*4281
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	*222	..	..	..	*32	..	*254	..
Food and tobacco	1471	..	..	*222	..	..	..	*954	*4089	*6735	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	*5314	*5314	..
Wood and wood products	..	..	..	..	..	..	..	*22	..	*22	..
Textile and leather	..	..	..	172	..	..	..	*301	..	*473	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	0	..	..	1796	..	*4281	..	0	0	*6076	*4281
Transport	..	..	..	6441	..	..	..	..	..	6441	..
Road	..	..	..	6441	..	..	..	..	..	6441	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	*3	..	..	3061	..	*3595	..	3235	..	9894	*3595
Agriculture, forestry, fishing	..	..	..	837	..	..	..	895	..	1732	..
Commerce, public services	*3	..	..	1772	..	..	..	373	..	2147	..
Households	..	..	..	453	..	*3595	..	1326	..	*5374	*3595
Other consumers	..	..	..	..	..	..	..	*641	..	*641	..
Non-energy use	..	..	..	*80	..	..	..	..	..	*80	..

Ethiopia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	1292376	..	37559	..	1329935	1329935
Imports	10604	..	..	144492	..	6	..	..	..	155102	6
Exports	-25	..	-598	..	-623	-25
International marine bunkers
International aviation bunkers	-18125	..	..	..	..	..	-18125	..
Stock changes	265	..	..	..	..	..	265	..
Total energy supply	10604	..	..	126631	..	1292357	..	36961	..	1466553	1329916
Statistical difference	0	..	..	194	..	*-1037	..	-533	..	-1375	36522
Transfers
Transformation	-43	..	*-106796	..	14	..	*-106825	*-106796
Electricity plants	-43	..	..	..	14	..	-29	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	*-106796	..	..	..	*-106796	*-106796
Energy industries own use	-1127	..	-1127	..
Losses	-6379	..	-6379	..
Final consumption	10604	..	..	126394	..	*1186598	..	30002	..	*1353598	*1186598
Final energy consumption	10604	..	..	122575	..	*1186598	..	30002	..	*1349779	*1186598
Manufacturing, const., mining	10604	..	..	30822	..	*8811	..	10159	..	60396	*8811
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	10604	..	..	6858	..	..	..	..	..	17461	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	*8811	..	..	..	*8811	*8811
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	23964	..	0	..	10159	..	34124	0
Transport	66961	..	241	..	..	..	67203	241
Road	63742	..	241	..	..	..	63983	241
Rail
Domestic aviation	3219	..	..	..	..	..	3219	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	24792	..	*1177546	..	19843	..	*1222181	*1177546
Agriculture, forestry, fishing	5375	..	..	..	..	..	5375	..
Commerce, public services	2279	..	14706	..	8017	..	25003	14706
Households	11763	..	*1162839	..	11610	..	*1186212	*1162839
Other consumers	5375	..	..	..	216	..	5591	..
Non-energy use	3819	..	..	..	..	..	3819	..

Ethiopia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	1311112	..	40399	..	1351511	1351511
Imports	11404	..	..	155111	..	10	..	..	..	166525	10
Exports	-25	..	-644	..	-670	-25
International marine bunkers
International aviation bunkers	-19492	..	..	..	..	..	-19492	..
Stock changes	309	..	..	..	..	..	309	..
Total energy supply	11404	..	..	135928	..	1311097	..	39755	..	1498183	1351496
Statistical difference	0	..	..	806	..	-9	..	7	..	804	40390
Transfers
Transformation	-43	..	*-109254	..	14	..	*-109282	*-109254
Electricity plants	-43	..	..	..	14	..	-29	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	*-109254	..	..	..	*-109254	*-109254
Energy industries own use	-1213	..	-1213	..
Losses	-6862	..	-6862	..
Final consumption	11404	..	..	135079	..	*1201853	..	31687	..	*1380022	*1201853
Final energy consumption	11404	..	..	131260	..	*1201853	..	31687	..	*1376203	*1201853
Manufacturing, const., mining	11404	..	..	33139	..	*8934	..	10926	..	64403	*8934
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	11404	..	..	7378	..	..	..	..	..	18781	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	*8934	..	..	..	*8934	*8934
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	25762	..	0	..	10926	..	36688	0
Transport	72029	..	268	..	..	..	72297	268
Road	68545	..	268	..	..	..	68813	268
Rail
Domestic aviation	3484	..	..	..	..	..	3484	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	26092	..	*1192650	..	20761	..	*1239503	*1192650
Agriculture, forestry, fishing	5762	..	..	..	..	..	5762	..
Commerce, public services	2451	..	15628	..	8622	..	26701	15628
Households	12117	..	*1177022	..	11905	..	*1201044	*1177022
Other consumers	5762	..	..	..	234	..	5996	..
Non-energy use	3819	..	..	..	..	..	3819	..

Faeroe Islands

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	680	680	680
Imports	..	*9652	..	..	0	..	*9652	0
Exports
International marine bunkers	..	-1248	..	..	..	..	-1248	..
International aviation bunkers	..	-4	..	..	..	..	-4	..
Stock changes
Total energy supply	..	*8399	..	..	0	680	*9080	680
Statistical Difference	..	0	..	..	0	0	0	680
Transfers
Transformation	..	-1096	..	..	..	452	-644	..
Electricity plants	..	-1096	..	..	..	452	-644	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-24	-24	..
Losses	*-71	*-71	..
Final consumption	..	7303	..	..	0	1037	8340	0
Final energy consumption	..	7301	..	..	0	1037	8339	0
Manufacturing, const., mining	..	824	..	..	..	275	1100	..
Transport	..	2856	..	..	..	..	2856	..
Road	..	2856	..	..	..	..	2856	..
Domestic aviation
Domestic navigation
Other transport
Other	..	3621	..	..	0	762	4383	0
Agriculture, forestry, fishing	..	3131	..	..	..	132	3263	..
Commerce and public services	..	490	..	..	..	349	839	..
Households	0	281	281	0
Other consumers	..	0	..	..	..	..	0	..
Non-energy use	..	*2	..	..	..	..	*2	..
2016								
Primary production	570	570	570
Imports	..	*9985	..	..	0	..	*9985	0
Exports
International marine bunkers	..	-1358	..	..	..	..	-1358	..
International aviation bunkers	..	-5	..	..	..	..	-5	..
Stock changes
Total energy supply	..	*8622	..	..	0	570	*9193	571
Statistical Difference	..	0	..	..	0	0	0	570
Transfers
Transformation	..	-1381	..	..	..	572	-809	..
Electricity plants	..	-1381	..	..	..	572	-809	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-26	-26	..
Losses	*-67	*-67	..
Final consumption	..	7241	..	..	0	1049	8291	0
Final energy consumption	..	7240	..	..	0	1049	8289	0
Manufacturing, const., mining	..	848	..	..	..	266	1114	..
Transport	..	2885	..	..	..	..	2885	..
Road	..	2885	..	..	..	..	2885	..
Domestic aviation
Domestic navigation
Other transport
Other	..	3507	..	..	0	783	4291	0
Agriculture, forestry, fishing	..	3032	..	..	..	136	3168	..
Commerce and public services	..	475	..	..	..	366	841	..
Households	0	281	281	0
Other consumers
Non-energy use	..	*2	..	..	..	..	*2	..

Falkland Is. (Malvinas)

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	*76	..	..	7	..	*29	*112	*36
Imports	..	*615	..	..	1	..	*616	1
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	*76	*615	..	7	1	*29	*729	*37
Statistical Difference	0	0	..	0	0	0	0	*29
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-103	..	*-5	3	*36	*-70	*-2
Electricity plants	..	*-103	..	..	..	*36	*-67	..
Charcoal plants	..	..	..	*-5	3	..	*-2	*-2
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	*-1	*-1	..
Losses	..	..	..	..	..	..	..	..
Final consumption	*76	*512	..	*2	*4	*64	*658	*6
Final energy consumption	*76	*512	..	*2	*4	*64	*658	*6
Manufacturing, const., mining	..	*142	..	..	..	*26	*168	..
Transport	..	*44	..	..	..	..	*44	..
Road	..	*44	..	..	..	..	*44	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	*76	*326	..	*2	*4	*37	*445	*6
Agriculture, forestry, fishing	..	*43	..	..	..	*5	*48	..
Commerce and public services	..	..	..	..	..	..	..	..
Households	*76	*283	..	*2	*4	*11	*376	*6
Other consumers	..	..	..	..	..	*21	*21	..
Non-energy use	..	..	..	..	..	..	..	..
2016								
Primary production	*67	..	..	8	..	*32	*107	*40
Imports	..	*642	..	..	1	..	*643	1
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	*67	*642	..	8	1	*32	*749	*41
Statistical Difference	0	*9	..	0	0	0	*9	*32
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-99	..	*-6	3	*32	*-69	*-3
Electricity plants	..	*-99	..	..	..	*32	*-67	..
Charcoal plants	..	..	..	*-6	3	..	*-3	*-3
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	*-1	*-1	..
Losses	..	..	..	..	..	..	..	..
Final consumption	*67	*534	..	*2	*4	*64	*671	*6
Final energy consumption	*67	*534	..	*2	*4	*64	*671	*6
Manufacturing, const., mining	..	*142	..	..	..	*26	*168	..
Transport	..	*44	..	..	..	..	*44	..
Road	..	*44	..	..	..	..	*44	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	*67	*348	..	*2	*4	*37	*458	*6
Agriculture, forestry, fishing	..	*43	..	..	..	*5	*48	..
Commerce and public services	..	..	..	..	..	..	..	..
Households	*67	*305	..	*2	*4	*11	*388	*6
Other consumers	..	..	..	..	..	*21	*21	..
Non-energy use	..	..	..	..	..	..	..	..

Fiji

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	..	..	5929	..	1482	7411	7411
Imports	0	35221	0	..	1	..	35222	1
Exports	0	0	..	0	-1	..	-1	-1
International marine bunkers	..	*-2939	..	..	..	..	*-2939	..
International aviation bunkers	..	*-2664	..	..	..	..	*-2664	..
Stock changes	..	*-444	..	..	..	..	*-444	..
Total energy supply	0	29174	0	5929	0	1482	36585	7410
Statistical Difference	0	9353	0	0	0	19	9373	1482
Transfers	..	..	..	..	..	..	..	..
Transformation	0	-4360	..	*-134	72	1810	-2612	*-62
Electricity plants	0	-4360	..	..	..	1810	-2550	..
Charcoal plants	..	..	..	*-134	72	..	*-62	*-62
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-29	-29	..
Losses	..	..	..	..	..	-270	-270	..
Final consumption	0	*15461	..	*5794	*72	2974	*24301	*5866
Final energy consumption	0	*15241	..	*5794	*72	2974	*24081	*5866
Manufacturing, const., mining	0	*3408	..	*5591	..	742	*9741	*5591
Transport	..	*10569	..	..	..	..	*10569	..
Road	..	*7791	..	..	..	..	*7791	..
Domestic aviation	..	*1341	..	..	..	..	*1341	..
Domestic navigation	..	*1437	..	..	..	..	*1437	..
Other transport	..	..	..	..	..	..	..	..
Other	0	*1264	..	*204	*72	2232	3771	*276
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	1370	1370	..
Households	..	*1146	..	*204	*72	816	*2238	*276
Other consumers	0	*118	..	..	..	45	*163	..
Non-energy use	..	*220	..	..	..	..	*220	..
2016								
Primary production	..	..	..	3859	..	1797	5656	5656
Imports	4	32502	..	..	1	..	32507	1
Exports	0	0	..	0	0	..	-1	-1
International marine bunkers	..	*-2782	..	..	..	..	*-2782	..
International aviation bunkers	..	*-2218	..	..	..	..	*-2218	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	4	27502	..	3859	1	1797	33162	5656
Statistical Difference	0	8181	..	0	0	17	8198	1797
Transfers	..	..	..	..	..	..	..	..
Transformation	0	-3773	..	*-135	73	1566	-2269	*-62
Electricity plants	0	-3773	..	..	..	1566	-2207	..
Charcoal plants	..	..	..	*-135	73	..	*-62	*-62
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-38	-38	..
Losses	..	..	..	..	..	*-277	*-277	..
Final consumption	*4	*15548	..	*3724	*73	3031	*22379	*3797
Final energy consumption	*4	*15354	..	*3724	*73	3031	*22186	*3797
Manufacturing, const., mining	0	*3245	..	*3521	..	760	*7527	*3521
Transport	..	*10672	..	..	..	..	*10672	..
Road	..	*8042	..	..	..	..	*8042	..
Domestic aviation	..	*1340	..	..	..	..	*1340	..
Domestic navigation	..	*1290	..	..	..	..	*1290	..
Other transport	..	..	..	..	..	..	..	..
Other	*4	*1437	..	*203	*73	2271	3987	*276
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	1401	1401	..
Households	..	*1329	..	*203	*73	824	*2428	*276
Other consumers	*4	*109	..	..	..	45	*158	..
Non-energy use	..	*193	..	..	..	..	*193	..

Finland

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	35064	..	2100	..	..	372915	251046	68778	4039	733943	430152
Imports	95741	13068	462111	230640	93638	*5578	..	77252	..	978028	*5578
Exports	-10	-3496	..	-290485	-10	*-1818	..	-18439	..	-314258	*-1818
International marine bunkers	..	..	..	-12396	..	..	..	..	..	-12396	..
International aviation bunkers	..	..	..	-27298	..	..	..	..	..	-27298	..
Stock changes	33773	-2198	-18401	-17046	..	40	..	..	..	-3831	40
Total energy supply	164568	7374	445810	-116584	93628	376716	251046	127591	4039	1354188	433953
Statistical difference	6479	28	-17383	4048	-175	-3	0	-7	2	-7012	68779
Transfers	..	..	0	1843	..	..	..	..	..	1843	..
Transformation	-145499	13860	-463194	474159	-59462	*-151012	-251046	176756	171801	-233637	*-141770
Electricity plants	-21978	-4617	..	-902	-355	*-14702	-251046	99922	-1815	-195493	*-14169
CHP plants	-77689	-2038	..	-2973	-38198	*-105902	..	78250	116165	-32386	*-98076
Heat plants	-12176	-922	..	-6212	-10587	*-30135	..	-1415	57451	-3996	*-29253
Coke ovens	-32334	35607	..	..	..	..	..	..	..	3272	..
Briquetting plants	0	0	..	..	..	..	..	..	..	0	..
Liquefaction plants	..	..	7560	..	..	..	..	..	..	7560	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-1242	-11418	..	-4323	..	..	..	..	..	-16982	..
NGL plants & gas blending	..	..	..	..	272	-272	..	..	..	0	-272
Oil refineries	..	..	-470754	480269	..	..	..	..	..	9515	..
Other transformation	-79	-2751	..	8299	-10595	..	..	..	..	-5126	..
Energy industries own use	..	-8687	..	-24089	-7735	-877	..	-13079	-509	-54976	-877
Losses	..	-1822	..	-2079	..	..	..	-8798	-14761	-27460	..
Final consumption	12590	10698	..	329201	26606	*224830	..	282478	160568	1046970	*222527
Final energy consumption	12590	10698	..	258886	25743	*224830	..	282478	160568	975792	*222527
Manufacturing, const., mining	10685	10698	..	53602	23153	*146913	..	136415	52978	434444	*144548
Iron and steel	159	8846	..	5315	2174	*1	..	15671	3995	36161	*1
Chemical and petrochemical	0	..	..	12578	792	725	..	16902	10946	41943	*237
Non-ferrous metals	..	234	..	1345	55	7	..	6664	2172	10477	..
Non-metallic minerals	1374	1588	..	3633	1134	1568	..	2376	515	12188	884
Transport equipment	..	..	..	400	14	..	..	1170	980	2563	..
Machinery	0	..	..	1447	349	*20	..	7178	3569	12564	*20
Mining and quarrying	..	..	..	2385	..	*50	..	5576	110	8121	*50
Food and tobacco	476	29	..	1897	750	*427	..	6059	7047	16684	*427
Paper, pulp and printing	8456	..	..	4976	17180	*135461	..	65729	14765	*246568	*134350
Wood and wood products	211	..	..	474	5	*8418	..	4612	6750	20470	*8403
Textile and leather	..	..	..	169	211	..	..	443	281	1104	..
Construction	..	..	..	13849	..	0	..	1339	..	15188	0
Industries n.e.s	10	0	..	5134	490	*236	..	2696	1848	10414	*176
Transport	..	..	..	155815	282	17989	..	2531	..	176616	17989
Road	..	..	..	146714	148	17935	..	11	..	164808	17935
Rail	..	..	..	946	..	..	..	2520	..	3466	..
Domestic aviation	..	..	..	2602	..	..	..	..	..	2602	..
Domestic navigation	..	..	..	5552	..	54	..	..	..	5606	54
Pipeline transport	..	..	..	..	134	..	..	..	..	134	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	1905	..	..	49470	2308	*59928	..	143532	107590	364732	*59990
Agriculture, forestry, fishing	1663	..	..	16359	38	*6497	..	5472	504	30533	*6497
Commerce, public services	90	..	..	9415	1169	*3260	..	62759	36936	113629	*3260
Households	151	..	..	13677	1101	*50037	..	75301	64777	205044	*50099
Other consumers	..	..	..	10019	..	134	..	..	5373	15526	134
Non-energy use	..	..	..	70314	863	..	..	..	..	71177	..

Finland

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	30158	..	2100	..	..	381952	250592	67982	5149	737934	436993
Imports	107600	9464	515789	254922	86208	5051	..	79596	..	1058631	5051
Exports	..	-2618	..	-383031	-14	*-1327	..	-11372	..	-398362	*-1327
International marine bunkers	..	..	..	-11984	..	..	..	..	..	-11984	..
International aviation bunkers	..	..	..	-27386	..	..	..	..	..	-27386	..
Stock changes	49191	-2422	-2496	11154	..	..	..	..	..	55427	..
Total energy supply	186950	4424	515394	-156325	86195	385676	250592	136206	5149	1414260	440717
Statistical difference	2511	56	-4541	-4387	481	1	0	-4	1	-5882	67983
Transfers	..	..	0	2422	..	..	..	..	..	2422	..
Transformation	-170154	16818	-519934	528132	-55721	*-157940	-250592	178124	189387	-241881	*-147439
Electricity plants	-26276	-5257	..	-907	-268	*-12736	-250592	100937	-1858	-196958	*-12163
CHP plants	-91153	-1152	..	-1262	-30248	*-110853	..	78588	123475	-32606	*-101941
Heat plants	-12984	-1004	..	-10475	-13943	*-34057	..	-1400	67770	-6093	*-33040
Coke ovens	-32637	35666	..	..	..	..	..	..	..	3028	..
Briquetting plants	..	0	..	..	..	..	..	..	..	0	..
Liquefaction plants	..	..	8244	..	..	..	..	..	..	8244	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-7078	-8893	..	-81	..	..	..	..	..	-16052	..
NGL plants & gas blending	..	..	..	..	294	-294	..	..	..	0	-294
Oil refineries	..	..	-528178	530709	..	..	..	..	..	2530	..
Other transformation	-27	-2542	..	10148	-11556	..	..	..	..	-3977	..
Energy industries own use	..	-8760	..	-24604	-3690	-1123	..	-13612	-5500	-57289	-1123
Losses	..	-1465	..	-1931	-69	..	..	-9734	-16197	-29396	..
Final consumption	14285	10960	..	352081	26234	*226611	..	290988	172838	1093998	*224172
Final energy consumption	14285	10960	..	278140	24924	*226611	..	290988	172838	1018746	*224172
Manufacturing, const., mining	12039	10960	..	53328	22225	*155743	..	138661	54877	447833	*153235
Iron and steel	1042	9068	..	4613	2332	1	..	15890	4035	36981	1
Chemical and petrochemical	..	..	..	12873	1021	768	..	18025	11052	43739	299
Non-ferrous metals	..	264	..	1385	48	2	..	6660	2180	10539	..
Non-metallic minerals	1666	1599	..	3700	1081	1875	..	2560	518	12998	1040
Transport equipment	..	..	..	483	9	..	..	1260	1058	2810	..
Machinery	..	..	..	1468	256	*19	..	7304	3855	12902	*19
Mining and quarrying	..	..	..	1514	..	*51	..	6736	121	8421	*51
Food and tobacco	561	29	..	1734	674	*203	..	6138	7893	17233	*203
Paper, pulp and printing	8711	..	..	6193	16244	*143059	..	64660	15060	*253927	*141942
Wood and wood products	60	..	..	478	4	*9519	..	4676	6885	21622	*9501
Textile and leather	..	..	..	83	149	13	..	446	280	972	13
Construction	..	..	..	14666	..	..	..	1498	..	16163	..
Industries n.e.s	0	0	..	4137	408	*233	..	2808	1940	9525	*166
Transport	..	..	..	174093	354	6418	..	2549	..	183414	6418
Road	..	..	..	165336	166	6364	..	32	..	171898	6364
Rail	..	..	..	903	..	..	..	2516	..	3419	..
Domestic aviation	..	..	..	2602	..	..	..	..	..	2602	..
Domestic navigation	..	..	..	5252	..	54	..	..	..	5306	54
Pipeline transport	..	..	..	..	126	..	..	..	..	126	..
Transport, n.e.s	..	..	..	..	62	..	..	..	..	62	..
Other	2246	..	..	50719	2345	*64450	..	149778	117961	387499	*64519
Agriculture, forestry, fishing	1958	..	..	15585	43	*6258	..	5677	549	30069	*6258
Commerce, public services	100	..	..	10565	1180	*3613	..	63050	41270	119778	*3613
Households	189	..	..	14106	1122	*54445	..	81050	70608	221520	*54514
Other consumers	..	..	..	10463	..	134	..	..	5534	16131	134
Non-energy use	..	..	..	73942	1310	..	..	..	..	75252	..

France

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	0	..	42161	..	801	672469	4724222	300391	13097	5753141	917107
Imports	345121	14842	2424625	1760266	1648826	25431	..	35860	..	6254971	25431
Exports	0	-756	-4482	-893325	-203685	-7480	..	-266486	..	-1376215	-7480
International marine bunkers	..	..	..	-68380	..	..	..	..	..	-68380	..
International aviation bunkers	..	..	..	-254986	..	..	..	..	..	-254986	..
Stock changes	11258	-5404	-4882	6318	21121	-1308	..	..	..	27103	-1308
Total energy supply	356379	8682	2457422	549894	1467063	689112	4724222	69764	13097	10335634	933750
Statistical difference	14393	-3281	3515	56751	0	-1365	0	-4043	0	65971	302883
Transfers	..	..	-22241	30458	..	..	..	..	..	8217	..
Transformation	-282378	65955	-2431666	2426543	-187861	-204058	-4724222	1734401	154825	-3448462	-145500
Electricity plants	-93913	-29777	..	-19544	-73220	-54796	-4724222	1674389	0	-3321085	-31555
CHP plants	-6255	-1449	..	-9750	-87313	-99187	..	60538	81387	-62030	-76889
Heat plants	-8094	..	..	-2930	-27594	-49809	..	-526	73438	-15514	-36790
Coke ovens	-122502	120335	..	0	..	..	..	..	..	-2167	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-51614	-29407	..	..	..	..	..	..	..	-81021	..
NGL plants & gas blending	..	..	..	..	266	-266	..	..	..	0	-266
Oil refineries	..	..	-2431666	2460211	..	..	..	..	..	28544	..
Other transformation	..	6253	..	-1444	..	..	..	..	..	4809	..
Energy industries own use	0	-43438	..	-75561	-52003	-2136	..	-115963	-2394	-291495	-1111
Losses	..	..	..	..	-19310	..	..	-127429	-34370	-181110	..
Final consumption	59607	34480	..	2874582	1207889	*484282	..	1564816	131158	6356814	*484255
Final energy consumption	53517	28908	..	2346014	1161768	*484282	..	1564816	131158	5770462	*484255
Manufacturing, const., mining	51047	28012	..	98002	419499	*57154	..	419220	48528	1121462	*57147
Iron and steel	15546	23352	..	1366	32923	*725	..	41069	..	114981	*725
Chemical and petrochemical	15092	650	..	14082	83053	*4184	..	70736	..	187797	*4184
Non-ferrous metals	0	0	..	476	14366	..	..	31442	..	46284	..
Non-metallic minerals	9633	1474	..	29030	67369	*6063	..	28422	..	141991	*6063
Transport equipment	..	252	..	913	16517	*314	..	24077	..	42073	*314
Machinery	27	644	..	4769	28001	*122	..	46562	..	80126	*122
Mining and quarrying	..	..	..	7973	1895	*492	..	5785	..	16145	*492
Food and tobacco	10035	1640	..	10950	105523	*5654	..	74574	..	208376	*5654
Paper, pulp and printing	713	..	..	2170	38112	*25468	..	28357	..	94821	*25446
Wood and wood products	..	..	..	918	2156	*13204	..	7999	..	*24277	*13204
Textile and leather	..	..	..	943	5845	*1	..	5785	..	12573	*1
Construction	..	..	..	22403	12020	21	..	24257	..	58701	17
Industries n.e.s	0	0	..	2010	11720	*906	..	30154	48528	93317	*925
Transport	..	..	..	1711499	2772	123471	..	39553	..	1877295	123471
Road	..	..	..	1651487	2018	123471	..	428	..	1777405	123471
Rail	..	..	..	5977	..	..	..	35622	..	41599	..
Domestic aviation	..	..	..	34358	..	..	..	..	..	34358	..
Domestic navigation	..	..	..	19677	..	..	..	..	..	19677	..
Pipeline transport	..	..	..	..	754	..	..	2545	..	3299	..
Transport, n.e.s	..	..	..	..	..	..	..	958	..	958	..
Other	2469	896	..	536514	739497	*303657	..	1106042	82630	2771705	*303637
Agriculture, forestry, fishing	55	32	..	142663	8390	*6072	..	31255	879	189346	*6677
Commerce, public services	1509	256	..	95576	275836	26971	..	523530	29644	953322	22769
Households	905	608	..	270132	455271	*270614	..	548320	52107	1597958	*274191
Other consumers	..	0	..	28142	..	..	..	2938	..	31080	..
Non-energy use	6091	5572	..	528568	46121	..	..	..	..	586352	..

France

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	0	..	39785	..	753	728245	4354506	324374	14394	5462057	997892
Imports	325699	12032	2334261	1677185	1726403	37281	..	71651	..	6184514	37281
Exports	0	-2324	-1260	-872119	-139685	-8275	..	-221054	..	-1244716	-8275
International marine bunkers	..	..	..	-61492	..	..	..	..	..	-61492	..
International aviation bunkers	..	..	..	-251723	..	..	..	..	..	-251723	..
Stock changes	28049	-2548	37113	-1692	15606	-974	..	..	..	75555	-974
Total energy supply	353749	7160	2409899	490160	1603078	756278	4354506	174971	14394	10164194	1025925
Statistical difference	31440	2946	-210	11572	0	-602	0	-5044	0	40102	328183
Transfers	..	..	-23240	31540	..	..	..	..	..	8300	..
Transformation	-263011	70268	-2386868	2377386	-272977	-224362	-4354506	1659920	170835	-3223315	-166530
Electricity plants	-82414	-23813	..	-20820	-149713	-53279	-4354506	1592917	-144	-3091772	-31103
CHP plants	-2791	-226	..	-11497	-93994	-115438	..	67525	92809	-63613	-92350
Heat plants	-6743	..	..	-1149	-29966	-54948	..	-522	78170	-15159	-42380
Coke ovens	-120027	117123	..	..	..	..	..	..	..	-2904	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-51035	-28879	..	..	..	..	..	..	..	-79914	..
NGL plants & gas blending	..	..	0	..	697	-697	..	..	..	0	-697
Oil refineries	..	..	-2386868	2412228	..	..	..	..	..	25360	..
Other transformation	..	6063	..	-1375	..	..	..	..	..	4688	..
Energy industries own use	..	-43578	..	-70168	-47482	-3009	..	-114995	-2301	-281533	-1561
Losses	..	..	..	..	-18517	..	..	-132401	-36426	-187343	..
Final consumption	59298	30904	..	2817346	1264102	*529509	..	1592539	146502	6440200	*529651
Final energy consumption	50675	27180	..	2311107	1217709	*529509	..	1592539	146502	5875221	*529651
Manufacturing, const., mining	48022	26252	..	94947	411419	*64477	..	421096	57418	1123631	*64446
Iron and steel	15881	22008	..	1831	30298	*7	..	43276	..	113300	*7
Chemical and petrochemical	14222	550	..	8159	85681	*6642	..	69394	..	184648	*6642
Non-ferrous metals	..	..	..	428	13980	..	..	31687	..	46095	..
Non-metallic minerals	9258	1390	..	29559	64882	6106	..	29113	..	140308	6106
Transport equipment	..	280	..	956	17276	295	..	25639	..	44446	295
Machinery	28	728	..	4686	27198	147	..	46246	..	79032	147
Mining and quarrying	..	..	..	7976	1805	487	..	5638	..	15906	487
Food and tobacco	7914	1297	..	10086	99706	6366	..	73555	..	198924	6366
Paper, pulp and printing	719	..	..	2220	36921	*31306	..	28080	..	99245	*31289
Wood and wood products	..	..	..	998	1926	*13025	..	7898	..	*23848	*13025
Textile and leather	..	..	..	753	5832	*4	..	5576	..	12166	*4
Construction	..	..	..	25370	13904	92	..	24743	..	64109	59
Industries n.e.s	0	0	..	1925	12011	0	..	30251	57418	101605	*19
Transport	..	..	..	1709271	2852	126852	..	38822	..	1877797	126852
Road	..	..	..	1649579	2091	126852	..	572	..	1779094	126852
Rail	..	..	..	5633	..	..	..	34855	..	40488	..
Domestic aviation	..	..	..	34710	..	..	..	..	..	34710	..
Domestic navigation	..	..	..	19348	..	..	..	..	..	19348	..
Pipeline transport	..	..	..	..	761	..	..	2538	..	3299	..
Transport, n.e.s	..	..	..	..	..	..	..	857	..	857	..
Other	2653	928	..	506889	803438	*338180	..	1132621	89084	2873794	*338353
Agriculture, forestry, fishing	55	32	..	142319	9027	*6004	..	31666	973	190076	*6609
Commerce, public services	1631	256	..	96095	289387	27728	..	524869	32522	972488	23646
Households	967	640	..	243694	505024	*304448	..	573826	55589	1684188	*308098
Other consumers	..	..	..	24781	..	..	..	2261	..	27041	..
Non-energy use	8623	3724	..	506239	46393	..	..	..	..	564979	..

French Guiana

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	1405	..	1966	3370	3370
Imports	..	10751	..	..	..	..	10751	..
Exports
International marine bunkers
International aviation bunkers	..	-1376	..	..	..	..	-1376	..
Stock changes
Total energy supply	..	9375	..	1405	..	1966	12746	3370
Statistical Difference	..	0	..	*-207	0	0	-207	1758
Transfers
Transformation	..	-4460	..	*-696	263	1357	-3537	*-434
Electricity plants	..	-4460	..	*-207	..	1357	-3311	*-207
Charcoal plants	*-489	263	..	*-226	*-226
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-148	-148	..
Losses	-320	-320	..
Final consumption	..	*4915	..	*916	*263	2855	*8948	*1178
Final energy consumption	..	*4750	..	*916	*263	2855	*8783	*1178
Manufacturing, const., mining	11	..	151	162	11
Transport	..	*4353	..	..	..	..	*4353	..
Road	..	*4348	..	..	..	..	*4348	..
Domestic aviation	..	*4	..	..	..	..	*4	..
Domestic navigation
Other transport
Other	..	397	..	*905	*263	2704	4268	*1167
Agriculture, forestry, fishing	..	130	..	..	..	4	133	..
Commerce and public services	1591	1591	..
Households	..	268	..	*905	..	1109	2281	*905
Other consumers	*263	..	*263	*263
Non-energy use	..	*165	..	..	..	..	*165	..
2016								
Primary production	1433	..	1897	3330	3330
Imports	..	*11880	..	..	..	..	*11880	..
Exports
International marine bunkers
International aviation bunkers	..	-1366	..	..	..	..	-1366	..
Stock changes
Total energy supply	..	*10514	..	1433	..	1897	*13844	3330
Statistical Difference	..	0	..	*-209	0	0	*-209	1688
Transfers
Transformation	..	*-4939	..	*-710	268	1584	*-3796	*-442
Electricity plants	..	*-4939	..	*-209	..	1584	*-3564	*-209
Charcoal plants	*-501	268	..	*-233	*-233
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-144	-144	..
Losses	-331	-331	..
Final consumption	..	*5576	..	*932	*268	3006	*9782	*1200
Final energy consumption	..	*5391	..	*932	*268	3006	*9597	*1200
Manufacturing, const., mining	*12	..	158	170	*12
Transport	..	*4746	..	..	..	..	*4746	..
Road	..	*4742	..	..	..	..	*4742	..
Domestic aviation	..	*4	..	..	..	..	*4	..
Domestic navigation
Other transport
Other	..	645	..	*920	*268	2848	4681	*1188
Agriculture, forestry, fishing	..	366	..	..	..	4	369	..
Commerce and public services	1656	1656	..
Households	..	279	..	*920	..	1188	2387	*920
Other consumers	*268	..	*268	*268
Non-energy use	..	*185	..	..	..	..	*185	..

French Polynesia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	42	..	*801	*843	*843
Imports	..	14083	..	0	3	..	14086	3
Exports
International marine bunkers	..	*-2677	..	..	..	..	*-2677	..
International aviation bunkers	..	*-653	..	..	..	..	*-653	..
Stock changes
Total energy supply	..	10753	..	42	3	*801	11599	*846
Statistical Difference	..	739	..	0	0	0	*739	*801
Transfers
Transformation	..	*-4427	..	*-29	16	*1458	*-2983	*-13
Electricity plants	..	*-4427	..	..	..	*1458	*-2969	..
Charcoal plants	*-29	16	..	*-13	*-13
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-158	*-158	..
Final consumption	..	*5586	..	*13	*19	*2101	*7719	*32
Final energy consumption	..	*5470	..	*13	*19	*2101	*7602	*32
Manufacturing, const., mining
Transport	..	*5055	..	..	..	..	*5055	..
Road	..	*2197	..	..	..	..	*2197	..
Domestic aviation	..	*176	..	..	..	..	*176	..
Domestic navigation	..	*1460	..	..	..	..	*1460	..
Other transport	..	*1222	..	..	..	..	*1222	..
Other	..	*415	..	*13	*19	*2101	*2547	*32
Agriculture, forestry, fishing
Commerce and public services	*823	*823	..
Households	..	*415	..	*13	*19	*1277	*1724	*32
Other consumers
Non-energy use	..	*117	..	..	..	..	*117	..
2016								
Primary production	42	..	*877	*919	*919
Imports	..	13885	..	0	4	..	13889	4
Exports
International marine bunkers	..	*-2606	..	..	..	..	*-2606	..
International aviation bunkers	..	*-529	..	..	..	..	*-529	..
Stock changes
Total energy supply	..	10750	..	42	4	*877	11673	*923
Statistical Difference	..	525	..	0	0	*40	*566	*877
Transfers
Transformation	..	*-4716	..	*-29	16	*1422	*-3308	*-13
Electricity plants	..	*-4716	..	..	..	*1422	*-3294	..
Charcoal plants	*-29	16	..	*-13	*-13
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-162	*-162	..
Final consumption	..	*5508	..	*13	*20	*2097	*7638	*33
Final energy consumption	..	*5396	..	*13	*20	*2097	*7525	*33
Manufacturing, const., mining
Transport	..	*5030	..	..	..	..	*5030	..
Road	..	*2244	..	..	..	..	*2244	..
Domestic aviation	..	*132	..	..	..	..	*132	..
Domestic navigation	..	*1454	..	..	..	..	*1454	..
Other transport	..	*1199	..	..	..	..	*1199	..
Other	..	*365	..	*13	*20	*2097	*2495	*33
Agriculture, forestry, fishing
Commerce and public services	*788	*788	..
Households	..	*365	..	*13	*20	*1309	*1707	*33
Other consumers
Non-energy use	..	*113	..	..	..	..	*113	..

Gabon

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	486577	..	18662	*53665	..	3312	..	562215	*56977
Imports	21780	..	..	..	1213	..	22993	..
Exports	-452652	-10208	..	..	..	..	..	-462860	..
International marine bunkers	-7629	..	..	..	..	..	-7629	..
International aviation bunkers	-2826	..	..	..	..	..	-2826	..
Stock changes
Total energy supply	33925	1117	18662	*53665	..	4525	..	111893	*56977
Statistical difference	0	0	5820	0	..	0	..	5820	*3312
Transfers
Transformation	-33925	30912	-11938	*-860	..	4349	..	-11461	*-860
Electricity plants	-2709	-11938	*-320	..	4349	..	-10618	*-320
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-33925	33621	..	..	..	..	..	-304	..
Other transformation	*-540	..	..	..	*-540	*-540
Energy industries own use	-801	..	..	-490	..	-1291	..
Losses	-1714	..	-1714	..
Final consumption	32029	103	*52805	..	6671	..	*91607	*52805
Final energy consumption	31546	103	*52805	..	6671	..	*91125	*52805
Manufacturing, const., mining	15488	103	*10474	..	1807	..	27872	*10474
Iron and steel
Chemical and petrochemical	7	..	7	..
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying	263	..	263	..
Food and tobacco	50	*592	..	511	..	*1153	*592
Paper, pulp and printing
Wood and wood products	53	..	..	655	..	708	..
Textile and leather	7	..	7	..
Construction	295	..	295	..
Industries n.e.s	15488	0	*9881	..	68	..	25438	*9881
Transport	10983	..	..	..	25	..	11008	..
Road	10983	..	..	..	..	..	10983	..
Rail	25	..	25	..
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	5075	..	*42332	..	4838	..	*52245	*42332
Agriculture, forestry, fishing	688	..	..	..	..	..	688	..
Commerce, public services	1677	..	..	..	1004	..	2681	..
Households	2710	..	*42332	..	3470	..	*48512	*42332
Other consumers	364	..	364	..
Non-energy use	482	..	..	..	..	..	482	..

Gabon

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	480782	..	18698	*54261	..	3438	..	557179	*57699
Imports	21782	..	..	..	1238	..	23021	..
Exports	-446730	-10120	..	..	..	..	..	-456850	..
International marine bunkers	-7545	..	..	..	..	..	-7545	..
International aviation bunkers	-2870	..	..	..	..	..	-2870	..
Stock changes
Total energy supply	34052	1247	18698	*54261	..	4676	..	112934	*57699
Statistical difference	0	0	4260	0	..	0	..	4260	*3438
Transfers
Transformation	-34052	31121	-13531	*-924	..	4972	..	-12413	*-924
Electricity plants	-2623	-13531	-352	..	4972	..	-11534	-352
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-34052	33744	..	..	..	..	..	-307	..
Other transformation	*-572	..	..	..	*-572	*-572
Energy industries own use	-804	..	..	-529	..	-1333	..
Losses	-1861	..	-1861	..
Final consumption	32368	104	*53337	..	7258	..	*93067	*53337
Final energy consumption	31886	104	*53337	..	7258	..	*92585	*53337
Manufacturing, const., mining	15652	104	*10598	..	1966	..	28320	*10598
Iron and steel
Chemical and petrochemical	7	..	7	..
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying	284	..	284	..
Food and tobacco	50	*705	..	558	..	*1313	*705
Paper, pulp and printing
Wood and wood products	54	..	..	713	..	767	..
Textile and leather	7	..	7	..
Construction	324	..	324	..
Industries n.e.s	15652	0	*9893	..	72	..	25617	*9893
Transport	11115	..	..	..	29	..	11143	..
Road	11115	..	..	..	..	..	11115	..
Rail	29	..	29	..
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	5119	..	*42739	..	5263	..	*53121	*42739
Agriculture, forestry, fishing	688	..	..	..	..	..	688	..
Commerce, public services	1677	..	..	..	1094	..	2771	..
Households	2754	..	*42739	..	3773	..	*49266	*42739
Other consumers	396	..	396	..
Non-energy use	482	..	..	..	..	..	482	..

Gambia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	6773	..	..	6773	6773
Imports	..	*7811	*95	83	69	..	*8058	152
Exports	..	*-87	..	-5	-2	..	*-94	-7
International marine bunkers
International aviation bunkers	..	*-609	..	..	..	..	*-609	..
Stock changes
Total energy supply	..	*7115	*95	6851	67	..	*14128	6918
Statistical Difference	..	0	0	0	0	*37	*37	0
Transfers
Transformation	..	*-3023	..	*-3597	1936	*1070	*-3613	*-1661
Electricity plants	..	*-3023	..	..	..	*1070	*-1953	..
Charcoal plants	*-3597	1936	..	*-1661	*-1661
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-40	*-40	..
Losses	*-198	*-198	..
Final consumption	..	*4093	*95	*3254	*2003	*795	*10239	*5257
Final energy consumption	..	*4093	*95	*3254	*2003	*795	*10239	*5257
Manufacturing, const., mining	..	*1935	..	..	..	*134	*2069	..
Transport	..	*1094	..	..	..	..	*1094	..
Road	..	*1094	..	..	..	..	*1094	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*1063	*95	*3254	*2003	*661	*7076	*5257
Agriculture, forestry, fishing
Commerce and public services
Households	*3254	*2003	..	*5257	*5257
Other consumers	..	*1063	*95	..	..	*661	*1818	..
Non-energy use
2016								
Primary production	6846	..	..	6846	6846
Imports	..	*7896	*95	83	22	..	*8096	105
Exports	..	*-87	..	-5	0	..	*-93	-6
International marine bunkers
International aviation bunkers	..	*-617	..	..	..	..	*-617	..
Stock changes
Total energy supply	..	*7191	*95	6924	21	..	*14232	6945
Statistical Difference	..	0	0	0	0	*40	*40	0
Transfers
Transformation	..	*-3145	..	*-3663	1972	*1129	*-3707	*-1691
Electricity plants	..	*-3145	..	..	..	*1129	*-2016	..
Charcoal plants	*-3663	1972	..	*-1691	*-1691
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-40	*-40	..
Losses	*-210	*-210	..
Final consumption	..	*4046	*95	*3261	*1993	*840	*10236	*5254
Final energy consumption	..	*4046	*95	*3261	*1993	*840	*10236	*5254
Manufacturing, const., mining	..	*1931	..	..	..	*142	*2073	..
Transport	..	*1108	..	..	..	..	*1108	..
Road	..	*1108	..	..	..	..	*1108	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*1007	*95	*3261	*1993	*698	*7055	*5254
Agriculture, forestry, fishing
Commerce and public services
Households	*3261	*1993	..	*5254	*5254
Other consumers	..	*1007	*95	..	..	*698	*1801	..
Non-energy use

Georgia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	5200	..	1700	..	397	19416	..	30434	691	57839	50541
Imports	3069	3599	5630	58353	87528	0	..	2517	..	160697	0
Exports	-29	0	-6459	-4497	-3500	-31	..	-2376	..	-16892	-31
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-3065	..	..	..	..	..	-3065	..
Stock changes	280	-413	-266	-447	..	..	..	..	..	-847	..
Total energy supply	8520	3186	605	50345	84425	19385	..	30576	691	197732	50510
Statistical difference	1	0	0	-1	0	2	..	-1	0	1	30435
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	..	..	*-605	480	-22727	..	..	8563	0	-14289	0
Electricity plants	..	..	..	0	-22727	..	..	8563	..	-14164	..
CHP plants	..	..	..	..	0	..	..	..	0	0	..
Heat plants	..	..	..	..	..	..	..	..	0	0	0
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	*-605	480	..	..	..	..	..	*-125	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	-19	..	..	..	0	..	..	-915	0	-934	..
Losses	..	..	..	..	-4568	..	..	-2561	0	-7129	..
Final consumption	8501	3186	..	50825	57129	19383	..	35664	691	175380	20074
Final energy consumption	8501	3186	..	45682	47591	19383	..	35664	691	160698	20074
Manufacturing, const., mining	8446	3186	..	26	4018	36	..	9906	0	25617	36
Iron and steel	0	3180	..	9	547	2	..	4501	0	8239	2
Chemical and petrochemical	..	..	..	..	105	..	..	1142	0	1247	..
Non-ferrous metals	..	..	..	..	..	..	..	0	..	0	..
Non-metallic minerals	8347	0	..	18	1237	0	..	1007	0	10609	0
Transport equipment	..	..	..	..	11	..	..	19	..	30	..
Machinery	..	..	..	..	14	..	..	45	..	59	..
Mining and quarrying	3	..	..	0	48	..	..	422	..	473	..
Food and tobacco	73	..	..	0	1446	34	..	708	..	2261	34
Paper, pulp and printing	..	..	..	..	93	0	..	55	..	149	0
Wood and wood products	..	..	..	..	7	..	..	19	..	27	..
Textile and leather	..	..	..	..	35	..	..	48	..	82	..
Construction	..	..	..	0	421	0	..	463	..	884	0
Industries n.e.s	21	6	..	0	53	0	..	1476	0	1557	0
Transport	..	..	..	43809	12740	..	..	1058	..	57607	..
Road	..	..	..	43504	12740	..	..	..	..	56244	..
Rail	..	..	..	244	..	..	..	1058	..	1302	..
Domestic aviation	..	..	..	*31	..	..	..	..	..	*31	..
Domestic navigation	..	..	..	30	..	..	..	..	..	30	..
Pipeline transport	..	..	..	..	0	..	..	..	..	0	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	55	..	..	1847	30833	19347	..	24700	691	77474	20038
Agriculture, forestry, fishing	11	..	..	387	149	1	..	204	34	785	35
Commerce, public services	29	..	..	614	6395	322	..	9162	444	16964	766
Households	15	..	..	847	24290	19025	..	8865	213	53255	19238
Other consumers	0	..	..	0	..	0	..	6470	0	6470	0
Non-energy use	..	..	..	5143	9539	..	..	..	..	14681	..

Georgia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	5041	..	1633	..	231	18775	..	33618	769	60065	53161
Imports	2615	4311	1806	64674	78935	0	..	4783	..	157124	0
Exports	-26	0	-766	-4765	0	-64	..	-5071	..	-10691	-64
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-3109	..	..	..	..	..	-3109	..
Stock changes	-378	-607	17	1160	..	..	..	..	..	192	..
Total energy supply	7252	3704	2690	57960	79166	18711	..	33329	769	203581	53097
Statistical difference	-6	0	-34	-161	0	0	..	-288	0	-489	33618
Transfers	..	..	..	143	..	..	..	..	..	143	..
Transformation	-451	..	*-2724	*2420	-18256	..	..	8048	0	-10963	0
Electricity plants	-451	..	..	0	-18256	..	..	8048	..	-10659	..
CHP plants	..	..	..	..	0	..	..	..	0	0	..
Heat plants	..	..	..	..	..	..	..	..	0	0	0
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	*-2724	*2420	..	..	..	..	..	*-305	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	-19	..	..	..	0	..	..	-1093	0	-1111	..
Losses	..	..	..	..	-4767	..	..	-2821	0	-7588	..
Final consumption	6789	3704	..	60683	56144	18711	..	37751	769	184550	19480
Final energy consumption	6789	3704	..	55347	48360	18711	..	37751	769	171430	19480
Manufacturing, const., mining	6714	3704	..	24	4039	74	..	10446	0	25001	74
Iron and steel	0	3702	..	4	458	0	..	5167	0	9331	0
Chemical and petrochemical	..	..	..	..	143	..	..	944	0	1087	..
Non-ferrous metals	..	..	..	..	..	..	..	0	..	0	..
Non-metallic minerals	6648	0	..	12	1344	0	..	1147	0	9151	0
Transport equipment	..	..	..	..	14	..	..	12	..	26	..
Machinery	..	..	..	..	4	..	..	17	..	20	..
Mining and quarrying	0	..	..	0	70	..	..	472	..	542	..
Food and tobacco	48	..	..	0	1337	74	..	748	..	2207	74
Paper, pulp and printing	..	..	..	..	74	0	..	52	..	126	0
Wood and wood products	9	..	..	..	11	..	..	25	..	44	..
Textile and leather	..	..	..	..	35	..	..	43	..	78	..
Construction	..	..	..	8	508	0	..	475	..	990	0
Industries n.e.s	10	2	..	0	42	0	..	1344	0	1398	0
Transport	..	..	..	53484	9660	..	..	1082	..	64225	..
Road	..	..	..	52950	9660	..	..	..	..	62610	..
Rail	..	..	..	455	..	..	..	1082	..	1536	..
Domestic aviation	..	..	..	49	..	..	..	..	..	49	..
Domestic navigation	..	..	..	30	..	..	..	..	..	30	..
Pipeline transport	..	..	..	..	0	..	..	..	..	0	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	75	..	..	1839	34660	18637	..	26224	769	82204	19406
Agriculture, forestry, fishing	17	..	..	638	367	0	..	189	37	1248	37
Commerce, public services	22	..	..	459	6678	197	..	10375	478	18209	676
Households	36	..	..	743	27615	18440	..	8723	253	55810	18693
Other consumers	0	..	..	0	..	0	..	6937	0	6937	0
Non-energy use	..	..	..	5336	7784	..	..	..	..	13120	..

Germany

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	1807138	..	138562	..	265238	1274521	991289	492872	37039	5006660	1626414
Imports	1480264	88797	3860932	1611453	3597255	43272	..	133229	..	10815201	43272
Exports	-13616	-40671	-14086	-934975	-1140599	-64728	..	-307044	-145	-2515864	-64728
International marine bunkers	..	..	..	-101137	..	..	..	..	..	-101137	..
International aviation bunkers	..	..	..	-345568	..	..	..	..	..	-345568	..
Stock changes	14693	879	11844	-17065	5988	..	..	..	..	16339	..
Total energy supply	3288478	49005	3997253	212709	2727882	1253065	991289	319057	36894	12875631	1604957
Statistical difference	-2679	48895	2157	1790	-84265	137	0	0	0	-33965	494127
Transfers	..	..	..	31740	..	..	..	..	..	31740	..
Transformation	-3182944	258410	-3995095	3909718	-589823	-634075	-991289	1814609	451476	-2959014	-504504
Electricity plants	-2330499	-82064	..	-37803	-63691	-233967	-991289	1398784	-4824	-2345353	-187745
CHP plants	-256694	-36742	..	-17292	-436215	-339322	..	415825	327538	-342901	-278400
Heat plants	-14608	-2421	..	-5200	-89917	-60786	..	..	128762	-44170	-38359
Coke ovens	-317702	325916	..	-18980	..	..	..	..	..	-10766	..
Briquetting plants	-130010	141388	..	..	..	..	..	..	..	11378	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-133432	-109722	..	-4040	..	..	..	..	..	-247194	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-3995095	3999570	..	..	..	..	..	4474	..
Other transformation	..	22055	..	-6537	..	..	..	..	..	15518	..
Energy industries own use	-7703	-26777	..	-226779	-58821	-22575	..	-188456	-11358	-542470	-22060
Losses	..	-22461	..	..	..	-964	..	-92178	-44359	-159962	-964
Final consumption	100510	209282	..	3925597	2163503	*595314	..	1853032	432653	9279890	*583302
Final energy consumption	99610	194142	..	3142092	2064186	*595314	..	1853032	432653	8381029	*583302
Manufacturing, const., mining	86707	173430	..	127938	782947	*152632	..	809568	173430	2306652	*109666
Iron and steel	29606	107306	..	3509	88242	1	..	93827	1520	324012	1
Chemical and petrochemical	32501	6060	..	70476	204782	9450	..	192474	97183	612925	1672
Non-ferrous metals	738	487	..	3154	33844	269	..	57136	1109	96736	13
Non-metallic minerals	11946	43446	..	17571	104013	44615	..	44266	775	266632	12805
Transport equipment	109	1849	..	1856	36488	57	..	66654	13440	120453	56
Machinery	0	1018	..	9981	71144	454	..	120316	9929	212842	453
Mining and quarrying	27	2495	..	1252	4308	50	..	6264	116	14513	50
Food and tobacco	4042	4047	..	7780	110629	713	..	65498	9825	202535	713
Paper, pulp and printing	7518	6592	..	2188	86829	6547	..	76763	27747	214184	3437
Wood and wood products	..	0	..	561	5130	30	..	16171	2838	24730	20
Textile and leather	219	..	..	945	9850	0	..	8132	2298	21444	0
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	0	130	..	8664	27688	*90446	..	62068	6650	195646	*90446
Transport	..	..	..	2218026	17860	106332	..	40604	..	2382822	106332
Road	..	..	..	2153437	7387	105633	..	756	..	2267213	105633
Rail	..	..	..	13534	..	699	..	39848	..	54081	699
Domestic aviation	..	..	..	31490	..	..	..	..	..	31490	..
Domestic navigation	..	..	..	13416	..	..	..	..	..	13416	..
Pipeline transport	..	..	..	..	10472	..	..	..	..	10472	..
Transport, n.e.s	..	..	..	6149	..	..	..	..	..	6149	..
Other	12903	20712	..	796129	1263380	*336349	..	1002859	259223	3691555	*367303
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..	..	..	..
Commerce, public services	7354	115	..	296995	436954	113859	..	539539	61367	1456182	117361
Households	5549	20597	..	494039	826426	*222490	..	463320	197856	2230278	*249942
Other consumers	..	..	..	5095	..	..	..	..	..	5095	..
Non-energy use	900	15140	..	783505	99317	..	..	..	..	898861	..

Germany

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	1663205	..	140021	..	274274	1307639	914047	494075	39373	4832635	1652117
Imports	1587526	73138	3859621	1668097	3416958	36945	..	102017	..	10744301	36945
Exports	-8096	-50088	-4272	-958589	-809229	-59820	..	-283907	-130	-2174132	-59820
International marine bunkers	..	..	..	-117939	..	..	..	..	..	-117939	..
International aviation bunkers	..	..	..	-371719	..	..	..	..	..	-371719	..
Stock changes	-35865	1071	32190	-31396	62586	..	..	..	..	28587	..
Total energy supply	3206770	24121	4027560	188454	2944589	1284763	914047	312185	39243	12941732	1629241
Statistical difference	-20500	38416	-465	1545	-141241	-54	0	0	0	-122299	495454
Transfers	..	..	..	31990	..	..	..	..	..	31990	..
Transformation	-3124434	268474	-4028026	3948719	-728816	-648798	-914047	1822637	461359	-2942932	-514228
Electricity plants	-2256428	-87563	..	-33047	-130220	-238802	-914047	1374545	-6300	-2291863	-191728
CHP plants	-246042	-36113	..	-18395	-506576	-353623	..	448092	340256	-372401	-286429
Heat plants	-12425	-2425	..	-5772	-92020	-56373	..	..	127403	-41612	-36071
Coke ovens	-346365	346749	..	-15113	..	..	..	..	..	-14729	..
Briquetting plants	-129631	137531	..	..	..	..	..	..	..	7901	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-133544	-112126	..	-1374	..	..	..	..	..	-247043	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-4028026	4028615	..	..	..	..	..	589	..
Other transformation	..	22421	..	-6195	..	..	..	..	..	16226	..
Energy industries own use	-6330	-27870	..	-236205	-52648	-22464	..	-179532	-12500	-537549	-21943
Losses	..	-33794	..	..	..	-954	..	-92732	-47090	-174570	-954
Final consumption	96506	192515	..	3931413	2304366	*612601	..	1862557	441012	9440970	*596662
Final energy consumption	95490	176756	..	3150013	2194547	*612601	..	1862557	441012	8532977	*596662
Manufacturing, const., mining	91270	156819	..	99320	815983	*163763	..	815753	178911	2321819	*116351
Iron and steel	33296	87624	..	1048	90250	1	..	97423	1285	310928	1
Chemical and petrochemical	28297	8386	..	48529	222904	14357	..	192877	104071	619421	1825
Non-ferrous metals	745	401	..	3173	34898	274	..	57524	1318	98333	7
Non-metallic minerals	10979	44114	..	18469	105098	42890	..	44345	843	266738	11744
Transport equipment	6676	1854	..	1856	36671	59	..	64872	14081	126068	58
Machinery	..	789	..	10113	73726	537	..	120478	10403	216046	504
Mining and quarrying	28	2858	..	1221	4498	75	..	6419	110	15209	75
Food and tobacco	4132	3931	..	7007	116562	738	..	66679	11062	210111	738
Paper, pulp and printing	6924	6836	..	1573	84832	7303	..	77108	25928	210506	3885
Wood and wood products	..	..	..	604	5440	90	..	16693	2077	24903	78
Textile and leather	193	..	..	945	10044	..	..	7888	673	19743	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	0	25	..	4781	31062	*97440	..	63446	7060	203814	*97437
Transport	..	..	..	2264279	18664	106558	..	42260	..	2431762	106558
Road	..	..	..	2199335	6804	105859	..	392	..	2312391	105859
Rail	..	..	..	14007	..	699	..	41868	..	56574	699
Domestic aviation	..	..	..	33518	..	..	..	..	..	33518	..
Domestic navigation	..	..	..	11223	..	..	..	..	..	11223	..
Pipeline transport	..	..	..	..	11860	..	..	..	..	11860	..
Transport, n.e.s	..	..	..	6196	..	..	..	..	..	6196	..
Other	4221	19938	..	786413	1359900	*342279	..	1004544	262101	3779396	*373752
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..	..	..	..
Commerce, public services	966	115	..	297474	434932	97527	..	545184	49298	1425496	101241
Households	3255	19823	..	484371	924968	*244752	..	459360	212803	2349332	*272511
Other consumers	..	..	..	4568	..	..	..	..	..	4568	..
Non-energy use	1016	15759	..	781401	109819	..	..	..	..	907994	..

Ghana

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	226347	..	25062	99322	..	21053	..	371784	120375
Imports	13113	162541	19587	..	..	803	..	196043	..
Exports	-220341	-439	..	-12	..	-2113	..	-222904	-12
International marine bunkers	-443	..	..	..	..	..	-443	..
International aviation bunkers	-4310	..	..	..	..	..	-4310	..
Stock changes	-846	66	..	..	..	..	..	-780	..
Total energy supply	18274	157415	44648	99310	..	19742	..	339390	120363
Statistical difference	-550	6373	2965	-1	..	139	..	8926	21052
Transfers
Transformation	-16793	3835	-41684	-12711	..	20966	..	-46386	-12711
Electricity plants	-12394	-43	-41684	..	..	20966	..	-33154	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-4399	3878	..	..	..	..	..	-521	..
Other transformation	-12711	..	..	..	-12711	-12711
Energy industries own use	-381	-2133	..	..	..	-648	..	-3162	..
Losses	-1650	..	..	..	..	-5060	..	-6710	..
Final consumption	*152744	..	86600	..	34862	..	274207	86600
Final energy consumption	*150011	..	86600	..	34862	..	271473	86600
Manufacturing, const., mining	16426	..	5939	..	9238	..	31603	5939
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	16426	..	5939	..	9238	..	31603	5939
Transport	*119441	..	..	..	14	..	*119455	..
Road	*114147	..	..	..	..	..	*114147	..
Rail	*1733	..	..	..	..	..	*1733	..
Domestic aviation	538	..	..	..	..	..	538	..
Domestic navigation	*3023	..	..	..	..	..	*3023	..
Pipeline transport	14	..	14	..
Transport, n.e.s
Other	14144	..	80661	..	25610	..	120415	80661
Agriculture, forestry, fishing	5890	..	..	..	7	..	5898	..
Commerce, public services	572	..	4102	..	7610	..	12285	4102
Households	7681	..	76559	..	17993	..	102233	76559
Other consumers
Non-energy use	*2734	..	..	..	..	..	*2734	..

Ghana

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	195172	..	22115	98907	..	20117	..	336312	119024
Imports	61166	145998	3801	..	..	2066	..	213031	..
Exports	-180706	-23353	..	-80	..	-986	..	-205125	-80
International marine bunkers	-103	..	..	..	..	..	-103	..
International aviation bunkers	-5602	..	..	..	..	..	-5602	..
Stock changes	-3384	0	..	..	..	..	..	-3384	..
Total energy supply	72248	116939	25916	98828	..	21197	..	335128	118945
Statistical difference	13874	-13294	6242	-3	..	50	..	6870	20114
Transfers
Transformation	-52960	15690	-19492	-12582	..	27414	..	-41930	-12582
Electricity plants	-20431	-16790	-19492	..	..	27414	..	-29299	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-32529	32480	..	..	..	..	..	-49	..
Other transformation	-12582	..	..	..	-12582	-12582
Energy industries own use	-3384	-2696	..	..	..	-814	..	-6894	..
Losses	-2030	..	..	..	..	-6642	..	-8672	..
Final consumption	*143226	182	86249	..	41105	..	270762	86249
Final energy consumption	*140492	182	86249	..	41105	..	268029	86249
Manufacturing, const., mining	16347	182	6049	..	10757	..	33335	6049
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	16347	182	6049	..	10757	..	33335	6049
Transport	*109813	..	..	..	22	..	*109834	..
Road	*104475	..	..	..	..	..	*104475	..
Rail	*1733	..	..	..	..	..	*1733	..
Domestic aviation	582	..	..	..	..	..	582	..
Domestic navigation	*3023	..	..	..	..	..	*3023	..
Pipeline transport	22	..	22	..
Transport, n.e.s
Other	14333	..	80200	..	30326	..	124859	80200
Agriculture, forestry, fishing	5871	..	..	..	11	..	5881	..
Commerce, public services	615	..	4181	..	9252	..	14048	4181
Households	7847	..	76018	..	21064	..	104929	76018
Other consumers
Non-energy use	*2734	..	..	..	..	..	*2734	..

Gibraltar

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production
Imports	..	162857	..	1	0	..	162857	1
Exports
International marine bunkers	..	-153551	..	..	..	..	-153551	..
International aviation bunkers	..	-353	..	..	..	..	-353	..
Stock changes
Total energy supply	..	8953	..	1	0	..	8953	1
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	-2222	..	..	..	806	-1416	..
Electricity plants	..	-2222	..	..	..	806	-1416	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-14	-14	..
Losses	-25	-25	..
Final consumption	..	6731	..	*1	0	767	7498	*1
Final energy consumption	..	5806	..	*1	0	767	6574	*1
Manufacturing, const., mining
Transport	..	5806	..	..	..	..	5806	..
Road	..	5806	..	..	..	..	5806	..
Domestic aviation
Domestic navigation
Other transport
Other	*1	0	767	767	*1
Agriculture, forestry, fishing
Commerce and public services	0	54	54	0
Households	*1	..	..	*1	*1
Other consumers	713	713	..
Non-energy use	..	925	..	..	..	..	925	..
2016								
Primary production
Imports	..	166180	..	1	0	..	166180	1
Exports
International marine bunkers	..	-156034	..	..	..	..	-156034	..
International aviation bunkers	..	-353	..	..	..	..	-353	..
Stock changes
Total energy supply	..	9793	..	1	0	..	9794	1
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	-2505	..	..	..	914	-1590	..
Electricity plants	..	-2505	..	..	..	914	-1590	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-18	-18	..
Losses	-29	-29	..
Final consumption	..	7288	..	*1	0	868	8156	*1
Final energy consumption	..	6283	..	*1	0	868	7151	*1
Manufacturing, const., mining
Transport	..	6283	..	..	..	..	6283	..
Road	..	6283	..	..	..	..	6283	..
Domestic aviation
Domestic navigation
Other transport
Other	*1	0	868	868	*1
Agriculture, forestry, fishing
Commerce and public services	0	61	61	0
Households	*1	..	..	*1	*1
Other consumers	806	806	..
Non-energy use	..	1005	..	..	..	..	1005	..

Greece

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	237612	..	2623	..	197	52844	..	52628	8631	354535	110371
Imports	6662	..	940645	378445	111939	5679	..	39892	..	1483261	5679
Exports	0	..	-3534	-687900	..	-336	..	-5303	..	-697072	-336
International marine bunkers	..	..	..	-75369	..	..	..	..	..	-75369	..
International aviation bunkers	..	..	..	-35368	..	..	..	..	..	-35368	..
Stock changes	-9546	..	-16051	-19489	-59	258	..	..	..	-44888	258
Total energy supply	234728	..	923683	-439683	112077	58444	..	87217	8631	985098	115972
Statistical difference	0	..	-495	-3133	978	21	..	0	0	-2629	52649
Transfers	..	..	..	3005	..	..	..	..	..	3005	..
Transformation	-226190	..	-924178	866207	-55131	-4267	..	133931	2093	-207536	-3237
Electricity plants	-145308	..	..	-46090	-46453	-376	..	97664	..	-140562	-376
CHP plants	-80882	..	..	-17420	-8679	-3792	..	36266	2093	-72414	-2762
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-924178	929717	..	..	..	..	..	5538	..
Other transformation	..	..	..	..	..	*-98	..	..	..	*-98	*-98
Energy industries own use	..	..	..	-54105	-505	-43	..	-20693	0	-75346	-43
Losses	..	..	..	..	-338	..	..	-17622	..	-17960	..
Final consumption	8537	..	..	378557	55125	*54114	..	182833	10724	689891	*60043
Final energy consumption	8537	..	..	363666	40564	*54114	..	182833	10724	660438	*60043
Manufacturing, const., mining	8275	..	..	48015	18061	*10878	..	45605	45	130879	*8221
Iron and steel	..	..	..	882	392	..	..	2542	..	3815	..
Chemical and petrochemical	..	..	..	2573	1738	2702	..	2315	..	9328	..
Non-ferrous metals	6176	..	..	142	10372	..	..	17172	..	33861	..
Non-metallic minerals	2100	..	..	24568	274	*698	..	3571	..	31210	*698
Transport equipment	..	..	..	483	..	37	..	378	..	898	37
Machinery	..	..	..	725	156	37	..	630	..	1548	37
Mining and quarrying	..	..	..	3496	..	110	..	104	..	3710	110
Food and tobacco	..	..	..	6431	2726	*6190	..	6667	..	22015	*6190
Paper, pulp and printing	..	..	..	795	794	*116	..	1793	..	3498	*116
Wood and wood products	..	..	..	90	42	*694	..	461	..	*1287	*694
Textile and leather	..	..	..	223	362	..	..	731	..	1315	..
Construction	..	..	..	5186	..	258	..	..	..	5443	258
Industries n.e.s	0	..	..	2421	1207	*37	..	9241	45	12951	*82
Transport	..	..	..	236161	633	5925	..	1397	..	244115	5925
Road	..	..	..	204604	633	5814	..	90	..	211141	5814
Rail	..	..	..	1739	..	110	..	655	..	2504	110
Domestic aviation	..	..	..	7189	..	..	..	..	..	7189	..
Domestic navigation	..	..	..	22587	..	..	..	..	..	22587	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	43	..	..	..	652	..	695	..
Other	262	..	..	79490	21870	*37311	..	135832	10679	285444	*45897
Agriculture, forestry, fishing	21	..	..	1899	7	*1156	..	8161	154	11398	*1310
Commerce, public services	..	..	..	5014	6939	*1462	..	64534	555	78504	2017
Households	195	..	..	61932	14892	*34656	..	63137	9970	184782	*42533
Other consumers	46	..	..	10646	32	37	..	..	..	10760	37
Non-energy use	..	..	..	14891	14561	..	..	..	..	29452	..

Greece

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	166323	..	7445	..	401	45618	..	52628	8807	281222	104536
Imports	7969	..	998473	379672	144965	5932	..	35399	..	1572409	5932
Exports	0	..	-6629	-770048	..	-246	..	-3733	..	-780656	-246
International marine bunkers	..	..	..	-72673	..	..	..	..	..	-72673	..
International aviation bunkers	..	..	..	-37750	..	..	..	..	..	-37750	..
Stock changes	8649	..	-12449	5474	742	-147	..	..	..	2269	-147
Total energy supply	182942	..	986840	-495325	146108	51157	..	84294	8807	964822	110075
Statistical difference	490	..	132	7206	1640	-52	..	0	0	9416	52577
Transfers	..	..	..	4804	..	..	..	..	..	4804	..
Transformation	-174176	..	-986708	941616	-93499	-5081	..	143269	2134	-172444	-3717
Electricity plants	-95988	..	..	-37259	-86377	-373	..	109181	..	-110816	-373
CHP plants	-78188	..	..	-17352	-7123	-4614	..	34088	2134	-71054	-3250
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-986708	996259	..	..	..	..	..	9552	..
Other transformation	..	..	..	-33	..	*-94	..	..	..	*-126	*-94
Energy industries own use	..	..	..	-59145	-595	-43	..	-21211	0	-80994	-43
Losses	..	..	..	..	-389	..	..	-14245	..	-14634	..
Final consumption	8275	..	..	384744	49985	*46085	..	192107	10941	692136	*53739
Final energy consumption	8275	..	..	365832	43857	*46085	..	192107	10941	667097	*53739
Manufacturing, const., mining	8071	..	..	50382	23077	*7221	..	40626	51	129428	*6119
Iron and steel	..	..	..	793	1562	..	..	3132	..	5487	..
Chemical and petrochemical	..	..	..	1919	2722	1153	..	662	..	6456	..
Non-ferrous metals	6692	..	..	189	9860	..	..	15718	..	32458	..
Non-metallic minerals	1379	..	..	27027	827	*456	..	3233	..	32922	*456
Transport equipment	..	..	..	483	..	37	..	140	..	661	37
Machinery	..	..	..	595	107	..	..	544	..	1246	..
Mining and quarrying	..	..	..	3240	..	110	..	72	..	3423	110
Food and tobacco	..	..	..	6658	2687	*4374	..	5044	..	18762	*4374
Paper, pulp and printing	..	..	..	798	351	*123	..	745	..	2017	*123
Wood and wood products	..	..	..	133	10	*637	..	194	..	*975	*637
Textile and leather	..	..	..	263	341	..	..	1127	..	1731	..
Construction	..	..	..	5228	..	258	..	7	..	5493	258
Industries n.e.s	0	..	..	3055	4612	*74	..	10008	51	17799	*125
Transport	..	..	..	242546	794	6256	..	670	..	250265	6256
Road	..	..	..	209103	794	6146	..	83	..	216125	6146
Rail	..	..	..	1732	..	74	..	587	..	2393	74
Domestic aviation	..	..	..	8115	..	..	..	..	..	8115	..
Domestic navigation	..	..	..	23510	..	37	..	..	..	23546	37
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	86	..	..	..	..	..	86	..
Other	204	..	..	72904	19986	*32608	..	150811	10890	287404	*41364
Agriculture, forestry, fishing	20	..	..	1910	11	*1142	..	8654	167	11905	*1309
Commerce, public services	..	..	..	7495	6197	1058	..	70013	561	85324	1619
Households	82	..	..	53580	13778	*30372	..	71989	10162	179963	*38400
Other consumers	102	..	..	9919	..	37	..	155	..	10213	37
Non-energy use	..	..	..	18911	6128	..	..	..	..	25039	..

Greenland

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	98	..	1522	1620	1571
Imports	..	8202	..	..	..	..	8202	..
Exports
International marine bunkers	..	-299	..	..	..	..	-299	..
International aviation bunkers
Stock changes	..	-643	..	..	..	..	-643	..
Total energy supply	..	7259	..	98	..	1522	8879	1571
Statistical Difference	..	-77	..	0	..	-71	-148	1522
Transfers	..	11	..	..	..	..	11	..
Transformation	..	-1441	..	-98	..	1406	-132	-49
Electricity plants	..	-1441	..	-98	..	1406	-132	-49
Charcoal plants
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	-39	..	..	..	-42	-81	..
Losses	..	-84	..	..	..	-649	-734	..
Final consumption	..	5783	..	..	..	2309	8091	..
Final energy consumption	..	5673	..	..	..	2309	7981	..
Manufacturing, const., mining	..	323	..	..	..	511	833	..
Transport	..	1463	..	..	..	..	1463	..
Road	..	429	..	..	..	..	429	..
Domestic aviation	..	576	..	..	..	..	576	..
Domestic navigation	..	453	..	..	..	..	453	..
Other transport	..	5	..	..	..	..	5	..
Other	..	3886	..	..	..	1798	5685	..
Agriculture, forestry, fishing	..	1700	..	..	..	2	1702	..
Commerce and public services	..	649	..	..	..	910	1559	..
Households	..	1323	..	..	..	837	2160	..
Other consumers	..	215	..	..	..	49	264	..
Non-energy use	..	110	..	..	..	..	110	..
2016								
Primary production	94	..	1443	1537	1490
Imports	..	8145	..	..	..	..	8145	..
Exports
International marine bunkers	..	*-300	..	..	..	..	*-300	..
International aviation bunkers
Stock changes	..	*-570	..	..	..	..	*-570	..
Total energy supply	..	7276	..	94	..	1443	8813	1490
Statistical Difference	..	106	..	0	..	-116	-10	1443
Transfers	..	11	..	..	..	..	11	..
Transformation	..	-1183	..	-94	..	*1283	*6	-47
Electricity plants	..	-1183	..	-94	..	*1283	*6	-47
Charcoal plants
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	*-23	..	..	..	-3	*-26	..
Losses	..	*-70	..	..	..	*-633	*-703	..
Final consumption	..	5905	..	..	..	2206	8111	..
Final energy consumption	..	5795	..	..	..	2206	8001	..
Manufacturing, const., mining	..	*391	..	..	..	*489	*880	..
Transport	..	1542	..	..	..	..	1542	..
Road	..	452	..	..	..	..	452	..
Domestic aviation	..	593	..	..	..	..	593	..
Domestic navigation	..	476	..	..	..	..	476	..
Other transport	..	21	..	..	..	..	21	..
Other	..	3862	..	..	..	1716	5578	..
Agriculture, forestry, fishing	..	1860	..	..	..	2	1862	..
Commerce and public services	..	586	..	..	..	885	1471	..
Households	..	1250	..	..	..	783	2033	..
Other consumers	..	*166	..	..	..	*46	*212	..
Non-energy use	..	110	..	..	..	..	110	..

Grenada

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	320	..	..	320	320
Imports	..	3742	..	..	..	..	3742	..
Exports
International marine bunkers
International aviation bunkers	..	-261	..	..	..	..	-261	..
Stock changes	..	241	..	..	..	..	241	..
Total energy supply	..	3722	..	320	..	..	4042	320
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	-1823	..	-68	62	745	-1084	-6
Electricity plants	..	-1823	..	..	..	745	-1078	..
Charcoal plants	-68	62	..	-6	-6
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-23	-23	..
Losses	-60	-60	..
Final consumption	..	1899	..	252	62	663	2876	314
Final energy consumption	..	1899	..	252	62	663	2876	314
Manufacturing, const., mining	..	29	..	20	..	20	69	20
Transport	..	1401	..	..	..	..	1401	..
Road	..	1401	..	..	..	..	1401	..
Domestic aviation
Domestic navigation
Other transport	..	0	..	..	..	..	0	..
Other	..	469	..	232	62	642	1406	294
Agriculture, forestry, fishing	..	0	..	..	..	..	0	..
Commerce and public services	..	198	..	..	..	390	588	..
Households	..	271	..	232	62	252	817	294
Other consumers
Non-energy use
2016								
Primary production	324	..	..	324	324
Imports	..	4298	..	..	..	..	4298	..
Exports
International marine bunkers
International aviation bunkers	..	-318	..	..	..	..	-318	..
Stock changes	..	-191	..	..	..	..	-191	..
Total energy supply	..	3789	..	324	..	..	4113	324
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	-1944	..	-69	63	787	-1163	-6
Electricity plants	..	-1944	..	..	..	787	-1157	..
Charcoal plants	-69	63	..	-6	-6
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-42	-42	..
Losses	-64	-64	..
Final consumption	..	1846	..	255	63	681	2844	318
Final energy consumption	..	1846	..	255	63	681	2844	318
Manufacturing, const., mining	..	25	..	20	..	19	64	20
Transport	..	1341	..	..	..	..	1341	..
Road	..	1341	..	..	..	..	1341	..
Domestic aviation
Domestic navigation
Other transport
Other	..	480	..	235	63	661	1438	298
Agriculture, forestry, fishing	..	4	..	..	..	..	4	..
Commerce and public services	..	209	..	..	..	402	611	..
Households	..	266	..	235	63	259	823	298
Other consumers
Non-energy use

Guadeloupe

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	..	..	1874	..	3609	5483	5483
Imports	4778	29080	..	3	..	..	33862	3
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-5089	..	..	..	..	*-5089	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	4778	23991	..	1878	..	3609	34256	5487
Statistical Difference	*-526	695	..	0	0	0	169	926
Transfers	..	..	..	..	..	..	..	..
Transformation	*-5304	*-8745	..	-1853	63	2802	*-13038	-4474
Electricity plants	*-5304	*-8745	..	-1737	..	2802	*-12985	-4420
Charcoal plants	..	..	..	*-116	63	..	*-53	*-53
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-79	-79	..
Losses	..	..	..	..	..	-918	-918	..
Final consumption	..	*14551	..	*24	*63	5413	*20051	*87
Final energy consumption	..	*13385	..	*24	*63	5413	*18886	*87
Manufacturing, const., mining	..	*1034	..	..	..	306	*1340	..
Transport	..	*11452	..	..	..	..	*11452	..
Road	..	*10948	..	..	..	..	*10948	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	*503	..	..	..	..	*503	..
Other transport	..	..	..	..	..	..	..	..
Other	..	900	..	*24	*63	5107	6094	*87
Agriculture, forestry, fishing	..	288	..	..	..	6	294	..
Commerce and public services	..	..	..	..	..	2509	2509	..
Households	..	612	..	*24	*63	2592	3290	*87
Other consumers	..	..	..	..	..	..	..	..
Non-energy use	..	*1166	..	..	..	..	*1166	..
2016								
Primary production	..	..	..	*1874	..	3680	5554	*5554
Imports	6153	26364	..	3	..	..	32520	3
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-4616	..	..	..	..	-4616	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	6153	21747	..	*1878	..	3680	33458	*5558
Statistical Difference	258	-296	..	0	0	12	-26	*955
Transfers	..	..	..	..	..	..	..	..
Transformation	*-5895	*-7314	..	*-1854	63	2769	*-12232	*-4516
Electricity plants	*-5895	*-7314	..	*-1737	..	2769	*-12178	*-4462
Charcoal plants	..	..	..	*-116	63	..	*-54	*-54
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	0	0	..
Losses	..	..	..	..	..	-835	-835	..
Final consumption	..	*14729	..	*24	*63	*5602	*20417	*87
Final energy consumption	..	*13563	..	*24	*63	*5602	*19252	*87
Manufacturing, const., mining	..	*933	..	..	..	*317	*1250	..
Transport	..	*11830	..	..	..	..	*11830	..
Road	..	*11318	..	..	..	..	*11318	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	*512	..	..	..	..	*512	..
Other transport	..	..	..	..	..	..	..	..
Other	..	800	..	*24	*63	*5285	*6172	*87
Agriculture, forestry, fishing	..	*284	..	..	..	*6	*290	..
Commerce and public services	..	..	..	..	..	*2596	*2596	..
Households	..	517	..	*24	*63	*2682	*3285	*87
Other consumers	..	..	..	..	..	..	..	..
Non-energy use	..	*1166	..	..	..	..	*1166	..

Guatemala

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	21023	..	..	244279	..	14892	9055	289249	268225
Imports	56799	..	..	183970	..	..	..	2105	..	242874	..
Exports	-18244	-16159	..	..	..	-3914	..	-38317	..
International marine bunkers	-15846	..	..	..	..	..	-15846	..
International aviation bunkers	-2528	..	..	..	..	..	-2528	..
Stock changes	-17733	..	-72	-4131	..	..	..	..	..	-21936	..
Total energy supply	39065	..	2707	145307	..	244279	..	13083	9055	453496	268225
Statistical difference	0	..	0	0	..	0	..	389	0	390	15797
Transfers
Transformation	-39065	..	-2707	-10917	..	-57827	..	25275	-9055	-94296	-65976
Electricity plants	-39065	..	..	-13675	..	-55979	..	25275	-9055	-92499	-64129
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-2707	2758	..	..	..	..	..	50	..
Other transformation	*-1848	..	..	..	*-1848	*-1848
Energy industries own use	-1678	..	..	..	-2691	..	-4369	..
Losses	-1199	..	-1199	..
Final consumption	132711	..	*186452	..	34079	..	*353243	*186452
Final energy consumption	131631	..	*186452	..	34079	..	*352163	*186452
Manufacturing, const., mining	24703	..	..	..	12769	..	37472	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	24703	..	..	..	12769	..	37472	..
Transport	96935	..	..	..	..	..	96935	..
Road	96827	..	..	..	..	..	96827	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s	109	..	..	..	..	..	109	..
Other	9993	..	*186452	..	21310	..	*217756	*186452
Agriculture, forestry, fishing
Commerce, public services	529	..	6210	..	8049	..	14787	6210
Households	9465	..	*180243	..	12249	..	*201956	*180243
Other consumers	*1013	..	*1013	..
Non-energy use	1080	..	..	..	..	..	1080	..

Guatemala

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	18849	..	..	309086	..	15761	10409	354105	335256
Imports	52044	..	..	188889	..	..	..	2689	..	243622	..
Exports	-15554	-17802	..	..	..	-4805	..	-38161	..
International marine bunkers	-16779	..	..	..	..	..	-16779	..
International aviation bunkers	-2602	..	..	..	..	..	-2602	..
Stock changes	-6161	..	-931	-1706	..	12	..	..	..	-8786	12
Total energy supply	45883	..	2365	150000	..	309098	..	13645	10409	531399	335268
Statistical difference	0	..	0	3	..	29	..	155	0	188	16831
Transfers
Transformation	-45883	..	-2365	-7036	..	-87062	..	26679	-10409	-126076	-96430
Electricity plants	-45883	..	..	-9406	..	-85163	..	26679	-10409	-124183	-94532
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-2365	2370	..	..	..	..	..	5	..
Other transformation	*-1898	..	..	..	*-1898	*-1898
Energy industries own use	-1823	..	..	..	-3124	..	-4947	..
Losses	-1379	..	-1379	..
Final consumption	141137	..	*222007	..	35665	..	*398809	*222007
Final energy consumption	140564	..	*222007	..	35665	..	*398236	*222007
Manufacturing, const., mining	25430	..	..	..	13034	..	38465	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	25430	..	..	..	13034	..	38465	..
Transport	104413	..	..	..	..	..	104413	..
Road	104285	..	..	..	..	..	104285	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s	128	..	..	..	..	..	128	..
Other	10720	..	*222007	..	22630	..	*255358	*222007
Agriculture, forestry, fishing
Commerce, public services	571	..	7279	..	9508	..	17357	7279
Households	10149	..	*214729	..	11999	..	*236877	*214729
Other consumers	*1124	..	*1124	..
Non-energy use	574	..	..	..	..	..	574	..

Guinea

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	*3	112334	..	3170	115507	115504
Imports	..	37603	..	..	0	..	37603	0
Exports	-3	..	-3	-3
International marine bunkers
International aviation bunkers	..	*-1118	..	..	..	..	*-1118	..
Stock changes
Total energy supply	..	36485	*3	112334	-3	3170	151989	115501
Statistical Difference	..	8	0	0	0	26	34	3170
Transfers
Transformation	..	*-2502	..	*-21285	11455	855	*-11476	*-9829
Electricity plants	..	*-2502	..	..	..	855	*-1647	..
Charcoal plants	*-21285	11455	..	*-9829	*-9829
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-54	-54	..
Losses	*-468	*-468	..
Final consumption	..	*33975	*3	*91050	*11452	*3478	*139957	*102502
Final energy consumption	..	*32005	*3	*91050	*11452	*3478	*137987	*102502
Manufacturing, const., mining	..	*13522	..	*604	..	*1620	*15746	*604
Transport	..	*18014	..	..	..	..	*18014	..
Road	..	*17793	..	..	..	..	*17793	..
Domestic aviation	..	*222	..	..	..	..	*222	..
Domestic navigation
Other transport
Other	..	*469	*3	*90446	*11452	*1858	*104227	*101898
Agriculture, forestry, fishing
Commerce and public services	*792	*792	..
Households	..	*469	..	*90446	*11452	*1066	*103432	*101898
Other consumers	*3	..	..	..	*3	..
Non-energy use	..	*1970	..	..	..	..	*1970	..
2016								
Primary production	*3	112679	..	3902	116584	116581
Imports	..	40967	..	..	1	..	40968	1
Exports	-24	..	-24	-24
International marine bunkers
International aviation bunkers	..	*-1127	..	..	..	..	*-1127	..
Stock changes
Total energy supply	..	39840	*3	112679	-23	3902	156401	116558
Statistical Difference	..	0	0	0	0	38	38	3902
Transfers
Transformation	..	*-4952	..	*-21696	11679	1842	*-13126	*-10016
Electricity plants	..	*-4952	..	..	..	1842	*-3110	..
Charcoal plants	*-21696	11679	..	*-10016	*-10016
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-72	-72	..
Losses	*-576	*-576	..
Final consumption	..	*34888	*3	*90984	*11656	*5058	*142589	*102640
Final energy consumption	..	*33525	*3	*90984	*11656	*5058	*141226	*102640
Manufacturing, const., mining	..	*14101	..	*629	..	*2356	*17087	*629
Transport	..	*18662	..	..	..	..	*18662	..
Road	..	*18441	..	..	..	..	*18441	..
Domestic aviation	..	*222	..	..	..	..	*222	..
Domestic navigation
Other transport
Other	..	*762	*3	*90354	*11656	*2702	*105477	*102011
Agriculture, forestry, fishing
Commerce and public services	*1152	*1152	..
Households	..	*762	..	*90354	*11656	*1550	*104323	*102011
Other consumers	*3	..	..	..	*3	..
Non-energy use	..	*1363	..	..	..	..	*1363	..

Guinea-Bissau

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	25499	..	..	25499	25499
Imports	..	*5343	..	..	..	..	*5343	..
Exports	-3	..	-3	-3
International marine bunkers
International aviation bunkers	..	*-529	..	..	..	..	*-529	..
Stock changes
Total energy supply	..	*4813	..	25499	-3	..	30310	25496
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	*-396	..	*-3947	2124	*131	*-2087	*-1823
Electricity plants	..	*-396	..	..	..	*131	*-265	..
Charcoal plants	*-3947	2124	..	*-1823	*-1823
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses
Final consumption	..	*4418	..	*21552	*2121	*131	*28222	*23674
Final energy consumption	..	*3453	..	*21552	*2121	*131	*27257	*23674
Manufacturing, const., mining	*75	*75	..
Transport	..	*1284	..	..	..	..	*1284	..
Road	..	*1284	..	..	..	..	*1284	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*2169	..	*21552	*2121	*56	*25898	*23674
Agriculture, forestry, fishing
Commerce and public services
Households	..	*392	..	*21552	..	*56	*22000	*21552
Other consumers	..	*1777	..	..	*2121	..	*3899	*2121
Non-energy use	..	*965	..	..	..	..	*965	..
2016								
Primary production	25808	..	..	25808	25808
Imports	..	*5594	..	..	..	..	*5594	..
Exports	-3	..	-3	-3
International marine bunkers
International aviation bunkers	..	*-551	..	..	..	..	*-551	..
Stock changes
Total energy supply	..	*5043	..	25808	-3	..	30848	25805
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	*-413	..	*-4036	2172	*136	*-2141	*-1864
Electricity plants	..	*-413	..	..	..	*136	*-277	..
Charcoal plants	*-4036	2172	..	*-1864	*-1864
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses
Final consumption	..	*4630	..	*21772	*2169	*136	*28707	*23941
Final energy consumption	..	*3617	..	*21772	*2169	*136	*27694	*23941
Manufacturing, const., mining	*79	*79	..
Transport	..	*1349	..	..	..	..	*1349	..
Road	..	*1349	..	..	..	..	*1349	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*2269	..	*21772	*2169	*57	*26267	*23941
Agriculture, forestry, fishing
Commerce and public services
Households	..	*405	..	*21772	..	*57	*22234	*21772
Other consumers	..	*1863	..	..	*2169	..	*4033	*2169
Non-energy use	..	*1013	..	..	..	..	*1013	..

Guyana

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	7226	..	..	7226	7226
Imports	..	28259	..	..	..	..	28259	..
Exports
International marine bunkers
International aviation bunkers	..	-554	..	..	..	..	-554	..
Stock changes	..	-316	..	..	..	..	-316	..
Total energy supply	..	27390	..	7226	..	..	34615	7226
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	-10034	..	-715	47	3741	-6961	-668
Electricity plants	..	-10034	..	-621	..	3741	-6914	-621
Charcoal plants	-93	47	..	-47	-47
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-107	-107	..
Losses	-790	-790	..
Final consumption	..	17356	..	6511	47	2844	26758	6558
Final energy consumption	..	17218	..	6511	47	2844	26619	6558
Manufacturing, const., mining	..	762	..	5378	2	1104	7246	5380
Transport	..	9408	..	..	..	..	9408	..
Road	..	9363	..	..	..	..	9363	..
Domestic aviation	..	*44	..	..	..	..	*44	..
Domestic navigation
Other transport
Other	..	7048	..	1133	45	1739	9965	1178
Agriculture, forestry, fishing	..	5555	..	..	..	181	5736	..
Commerce and public services	..	135	..	..	..	548	683	..
Households	..	1177	..	1133	45	1010	3366	1178
Other consumers	..	181	..	..	..	..	181	..
Non-energy use	..	139	..	..	..	..	139	..
2016								
Primary production	6661	..	..	6661	6661
Imports	..	31412	..	..	..	..	31412	..
Exports
International marine bunkers
International aviation bunkers	..	-724	..	..	..	..	-724	..
Stock changes	..	-139	..	..	..	..	-139	..
Total energy supply	..	30549	..	6661	..	..	37209	6661
Statistical Difference	..	-260	..	0	0	0	-260	0
Transfers
Transformation	..	-10753	..	-534	42	3892	-7352	-491
Electricity plants	..	-10753	..	-448	..	3892	-7308	-448
Charcoal plants	-86	42	..	-43	-43
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-111	-111	..
Losses	-806	-806	..
Final consumption	..	20056	..	6127	42	2975	29200	6169
Final energy consumption	..	19920	..	6127	42	2975	29064	6169
Manufacturing, const., mining	..	827	..	5141	2	1156	7126	5143
Transport	..	10536	..	..	..	..	10536	..
Road	..	10492	..	..	..	..	10492	..
Domestic aviation	..	*44	..	..	..	..	*44	..
Domestic navigation
Other transport
Other	..	8557	..	986	41	1820	11402	1026
Agriculture, forestry, fishing	..	6898	..	..	..	189	7087	..
Commerce and public services	..	159	..	..	..	573	732	..
Households	..	1275	..	986	41	1057	3358	1026
Other consumers	..	225	..	..	..	..	225	..
Non-energy use	..	136	..	..	..	..	136	..

Haiti

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	138394	..	299	138693	138693
Imports	..	40913	..	..	..	..	40913	..
Exports
International marine bunkers
International aviation bunkers	..	-970	..	..	..	..	-970	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	..	39943	..	138394	..	299	178636	138693
Statistical Difference	..	-4487	..	0	0	7	-4480	299
Transfers
Transformation	..	-12531	..	-73201	37052	3438	-45242	-36149
Electricity plants	..	-12531	..	..	..	3438	-9093	..
Charcoal plants	-73201	37052	..	-36149	-36149
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-61	-61	..
Losses	..	-619	..	..	..	-2189	-2808	..
Final consumption	..	31280	..	65193	37052	1480	135005	102245
Final energy consumption	..	31119	..	65193	37052	1480	134844	102245
Manufacturing, const., mining	..	7976	..	3369	..	662	12008	3369
Transport	..	19368	..	..	..	..	19368	..
Road	..	19368	..	..	..	..	19368	..
Domestic aviation
Domestic navigation
Other transport	..	0	..	..	..	..	0	..
Other	..	3776	..	61824	37052	817	103469	98876
Agriculture, forestry, fishing
Commerce and public services	..	47	..	..	1918	133	2098	1918
Households	..	3728	..	61824	35135	684	101371	96959
Other consumers
Non-energy use	..	161	..	..	..	..	161	..
2016								
Primary production	140387	..	256	140643	140643
Imports	..	41516	..	..	..	..	41516	..
Exports
International marine bunkers
International aviation bunkers	..	-970	..	..	..	..	-970	..
Stock changes
Total energy supply	..	40546	..	140387	..	256	181189	140643
Statistical Difference	..	-4442	..	0	0	119	-4324	256
Transfers
Transformation	..	-12697	..	-74255	37583	3647	-45723	-36672
Electricity plants	..	-12697	..	..	..	3647	-9051	..
Charcoal plants	-74255	37583	..	-36672	-36672
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-61	-61	..
Losses	..	-619	..	..	..	-2221	-2840	..
Final consumption	..	31672	..	66132	37583	1501	136888	103715
Final energy consumption	..	31511	..	66132	37583	1501	136727	103715
Manufacturing, const., mining	..	8062	..	3418	..	673	12154	3418
Transport	..	19630	..	..	..	..	19630	..
Road	..	19630	..	..	..	..	19630	..
Domestic aviation
Domestic navigation
Other transport
Other	..	3819	..	62714	37583	828	104944	100297
Agriculture, forestry, fishing
Commerce and public services	..	47	..	..	1947	137	2131	1947
Households	..	3772	..	62714	35636	691	102813	98350
Other consumers
Non-energy use	..	161	..	..	..	..	161	..

Honduras

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	..	..	105813	..	12319	118132	118132
Imports	2915	114983	..	..	..	2444	120343	..
Exports	..	-19219	..	..	..	-1930	-21149	..
International marine bunkers	..	-242	..	..	..	..	-242	..
International aviation bunkers	..	-3440	..	..	..	..	-3440	..
Stock changes	0	30559	..	..	..	..	30559	..
Total energy supply	2915	122641	..	105813	..	12834	244203	118132
Statistical Difference	0	1397	..	0	0	-61	1336	12319
Transfers	..	..	..	..	..	..	..	..
Transformation	-929	-43844	..	-7080	30	19955	-31869	-7051
Electricity plants	-929	-43844	..	-7030	..	19955	-31848	-7030
Charcoal plants	..	..	..	-50	30	..	-21	-21
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-58	-58	..
Losses	..	..	..	..	..	-4662	-4662	..
Final consumption	1987	77399	..	*98733	30	28130	206279	*98763
Final energy consumption	1987	77399	..	*98733	30	28130	206279	*98763
Manufacturing, const., mining	1987	14655	..	*15390	..	7603	39635	*15390
Transport	..	57018	..	..	..	..	57018	..
Road	..	54086	..	..	..	..	54086	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	2933	..	..	..	..	2933	..
Other	..	5726	..	*83343	30	20527	*109625	*83373
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	0	..	..	..	9630	9630	..
Households	..	4231	..	*83343	30	10897	*98501	*83373
Other consumers	..	1495	..	..	..	..	1495	..
Non-energy use	..	..	..	..	..	..	..	..
2016								
Primary production	..	..	..	107733	..	13698	121431	121431
Imports	4231	115279	..	..	..	702	120212	..
Exports	..	0	..	..	..	..	0	..
International marine bunkers	..	-283	..	..	..	..	-283	..
International aviation bunkers	..	-2602	..	..	..	..	-2602	..
Stock changes	0	5616	..	..	..	..	5616	..
Total energy supply	4231	118010	..	107733	..	14400	244374	121431
Statistical Difference	0	-219	..	0	0	1537	1318	13698
Transfers	..	..	..	..	..	..	..	..
Transformation	-2193	-41266	..	-7408	30	17921	-32917	-7379
Electricity plants	-2193	-41266	..	-7347	..	17921	-32886	-7347
Charcoal plants	..	..	..	-61	30	..	-32	-32
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-58	-58	..
Losses	..	..	..	..	..	-5314	-5314	..
Final consumption	2038	76963	..	*100325	30	25412	204768	*100355
Final energy consumption	2038	76963	..	*100325	30	25412	204768	*100355
Manufacturing, const., mining	2038	14650	..	*15943	..	6869	39500	*15943
Transport	..	56631	..	..	..	..	56631	..
Road	..	53604	..	..	..	..	53604	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	3027	..	..	..	..	3027	..
Other	..	5682	..	*84382	30	18544	*108637	*84412
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	8701	8701	..
Households	..	4106	..	*84382	30	9842	*98360	*84412
Other consumers	..	1576	1576	..
Non-energy use

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Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	63568	..	36823	..	57319	131697	171809	3780	6225	471221	136818
Imports	44767	1476	269090	128560	237669	9448	..	71766	..	762776	8325
Exports	-2437	-10156	-5122	-113051	-19184	-17859	..	-22496	..	-190304	-17859
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-7718	..	..	..	..	..	-7718	..
Stock changes	1614	117	-11571	-6480	37780	-262	..	..	..	21199	-262
Total energy supply	107512	-8562	289221	1311	313585	123024	171809	53050	6225	1057175	127022
Statistical difference	9	-86	0	-1498	-11603	42	0	2462	0	-10673	5591
Transfers	..	..	-1680	1688	..	..	..	..	..	9	..
Transformation	-103110	22055	-287409	285341	-75934	*-31790	-171809	105451	48546	-208658	*-29936
Electricity plants	-62526	-708	..	-579	-10973	*-15067	..	31738	..	-58114	*-13735
CHP plants	-621	-3470	..	-220	-33287	*-13840	-171809	73714	20646	-128887	*-11952
Heat plants	-648	-2440	..	-253	-24468	-2883	..	..	27900	-2792	-4249
Coke ovens	-39315	38829	..	..	..	..	..	..	..	-486	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	1332	..	..	..	..	..	..	1332	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-10714	..	..	-1311	..	..	..	..	-12025	..
NGL plants & gas blending	..	..	-8752	9365	..	..	..	..	..	614	..
Oil refineries	..	..	-279989	277833	..	..	..	..	..	-2157	..
Other transformation	..	558	0	-805	-5895	0	..	..	..	-6142	0
Energy industries own use	-66	-3757	..	-12560	-4647	-540	..	-12089	-7150	-40809	-540
Losses	..	-357	..	..	-4268	..	..	-13302	-3695	-21622	..
Final consumption	4326	9465	133	277278	240340	*90652	..	130648	43926	796768	*90956
Final energy consumption	4326	9045	..	213955	221744	*90652	..	130648	43926	714296	*90956
Manufacturing, const., mining	904	8969	..	26989	52237	*7673	..	55451	14853	167075	*5524
Iron and steel	..	8671	..	43	1808	*1	..	2207	927	13657	*1
Chemical and petrochemical	..	..	..	15771	9792	*67	..	11797	9084	46512	*57
Non-ferrous metals	..	..	..	43	2949	..	..	1386	336	4714	..
Non-metallic minerals	818	208	..	3597	7563	2856	..	4817	141	20000	664
Transport equipment	..	..	..	90	2862	*6	..	5612	230	8801	*6
Machinery	14	30	..	361	6476	*153	..	8921	236	16191	*172
Mining and quarrying	..	..	..	516	133	*3	..	353	..	1005	*3
Food and tobacco	..	60	..	550	12172	*2364	..	8068	1318	24531	*2385
Paper, pulp and printing	..	..	..	171	2411	*340	..	2984	2064	7971	*340
Wood and wood products	..	..	..	172	151	*1325	..	929	..	*2577	*1325
Textile and leather	..	..	..	..	886	*15	..	788	15	1704	*15
Construction	71	..	..	5536	1727	*166	..	1037	205	8742	*179
Industries n.e.s	0	0	..	138	3307	*377	..	6552	297	10670	*377
Transport	..	..	..	167151	1378	7242	..	4216	..	179986	7242
Road	..	..	..	165087	177	7242	..	68	..	172574	7242
Rail	..	..	..	1806	..	..	..	4100	..	5906	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	258	..	..	..	..	..	258	..
Pipeline transport	..	..	..	..	1201	..	..	47	..	1247	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	3422	76	..	19816	168129	*75737	..	70981	29073	367235	*78190
Agriculture, forestry, fishing	7	..	..	14974	4615	*407	..	3118	1386	24507	1774
Commerce, public services	88	..	..	1686	52799	*1524	..	28573	7536	92207	*2171
Households	3320	76	..	3115	109939	*73806	..	39020	20040	249316	*74245
Other consumers	7	..	..	40	776	..	..	270	111	1204	..
Non-energy use	..	420	133	63323	18596	..	..	..	..	82472	..

Hungary

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	61231	..	42030	..	59821	129307	174231	4118	7984	478722	135664
Imports	46321	1275	255722	136292	302508	10924	..	64624	..	817666	9422
Exports	-1402	-13649	-4587	-119307	-37380	-18266	..	-18864	..	-213455	-18266
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-8203	..	..	..	..	..	-8203	..
Stock changes	509	275	-1303	-10145	11155	461	..	..	..	951	461
Total energy supply	106660	-12100	291862	-1362	336104	122425	174231	49878	7984	1075682	127280
Statistical difference	48	1	-30	-1904	-13291	1	0	1523	152	-13500	6820
Transfers	..	..	..	133	..	..	..	..	..	133	..
Transformation	-101328	22666	-291847	290816	-82871	*-31670	-174231	110574	48565	-209327	*-29674
Electricity plants	-59706	-1384	..	-538	-18041	*-13914	..	34535	..	-59048	*-11916
CHP plants	-3359	-2767	..	-171	-35541	*-14720	-174231	76039	23319	-131431	*-12340
Heat plants	-185	-1788	..	-81	-22966	*-3036	..	..	25246	-2810	*-5419
Coke ovens	-38077	35676	..	..	..	..	..	..	..	-2401	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	1188	..	..	..	..	..	..	1188	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-7278	..	..	-464	..	..	..	..	-7742	..
NGL plants & gas blending	..	..	-5481	5723	..	..	..	..	..	242	..
Oil refineries	..	..	-287555	286470	..	..	..	..	..	-1084	..
Other transformation	..	207	0	-588	-5859	..	..	..	..	-6240	..
Energy industries own use	-14	-3208	..	-14898	-7392	-613	..	-12467	-5229	-43820	-613
Losses	..	-217	..	..	-3962	..	..	-12838	-4018	-21034	..
Final consumption	5270	7141	44	276592	255171	*90141	..	133625	47150	815134	*90173
Final energy consumption	5270	6777	..	217212	234765	*90141	..	133625	47150	734940	*90173
Manufacturing, const., mining	1586	6644	..	26429	54709	*8348	..	57467	16532	171715	*5923
Iron and steel	..	6345	..	43	2302	*3	..	2207	997	11897	*3
Chemical and petrochemical	..	..	..	13977	11080	*66	..	11578	9908	46609	*49
Non-ferrous metals	..	..	..	43	3119	..	..	1444	287	4893	..
Non-metallic minerals	718	209	..	4102	8447	3107	..	5224	124	21930	*789
Transport equipment	..	..	..	90	3002	*6	..	5958	434	9491	*6
Machinery	7	30	..	361	6844	*188	..	9245	273	16947	*202
Mining and quarrying	..	..	..	516	131	*3	..	346	..	996	*3
Food and tobacco	..	60	..	550	11438	*2381	..	8590	1483	24502	*2402
Paper, pulp and printing	685	..	..	131	1621	*637	..	3035	2554	8662	*494
Wood and wood products	..	..	..	172	464	*1452	..	1008	..	3096	*1452
Textile and leather	..	..	..	..	854	*24	..	889	18	1785	*24
Construction	169	..	..	6306	1873	*136	..	1163	145	9792	*149
Industries n.e.s	7	0	..	138	3534	*345	..	6782	309	11115	*350
Transport	..	..	..	170649	2010	7737	..	4237	..	184633	7737
Road	..	..	..	168757	338	7737	..	86	..	176919	7737
Rail	..	..	..	1720	..	..	..	4111	..	5831	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	172	..	..	..	..	..	172	..
Pipeline transport	..	..	..	..	1671	..	..	40	..	1711	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	3685	133	..	20133	178046	*74056	..	71921	30618	378592	*76513
Agriculture, forestry, fishing	7	..	..	15734	6188	*685	..	3258	1387	27258	2057
Commerce, public services	90	..	..	1496	53327	*1395	..	28962	8107	93377	*2021
Households	3581	133	..	2554	117793	*71976	..	39434	21017	256489	*72435
Other consumers	7	..	..	349	739	..	..	266	107	1468	..
Non-energy use	..	364	44	59380	20406	..	..	..	..	80194	..

Iceland

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	..	..	..	..	..	316	..	49651	235269	285236	285236
Imports	3254	640	..	35966	..	495	..	..	..	40355	495
Exports	..	..	..	..	..	..	..	..	..	..	..
International marine bunkers	..	..	..	-1987	..	..	..	..	..	-1987	..
International aviation bunkers	..	..	..	-9437	..	..	..	..	..	-9437	..
Stock changes	0	0	..	-889	..	0	..	..	..	-889	0
Total energy supply	3254	640	..	23652	..	811	..	49651	235269	313277	285731
Statistical difference	0	0	..	-197	..	0	..	385	-1393	-1205	93535
Transfers	..	..	..	52	..	..	..	..	..	52	..
Transformation	..	..	..	-86	..	0	..	17269	-205248	-188065	-187970
Electricity plants	..	..	..	-86	..	0	..	1768	-17532	-15850	-15779
CHP plants	..	..	..	..	..	..	..	16258	-169445	-153187	-153187
Heat plants	..	..	..	..	..	0	..	-756	-18271	-19027	-19004
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	..	..	..	..	-1570	0	-1570	..
Losses	..	..	..	..	..	..	..	-2074	-2849	-4923	..
Final consumption	3254	640	..	23815	..	811	..	62892	28565	119976	4226
Final energy consumption	3254	640	..	22970	..	811	..	62892	28565	119132	4226
Manufacturing, const., mining	3254	640	..	1719	..	247	..	54464	594	60917	841
Iron and steel	3254	640	..	303	..	247	..	3766	..	8209	247
Chemical and petrochemical	..	..	..	..	..	..	..	292	..	292	..
Non-ferrous metals	..	..	..	47	..	..	..	47747	..	47794	..
Non-metallic minerals	0	..	..	..	..	..	..	101	..	101	..
Transport equipment	..	..	..	..	..	..	..	22	..	22	..
Machinery	..	..	..	..	..	..	..	36	..	36	..
Mining and quarrying	..	..	..	..	..	..	..	7	..	7	..
Food and tobacco	..	..	..	172	..	..	..	2239	..	2411	..
Paper, pulp and printing	..	..	..	..	..	..	..	58	..	58	..
Wood and wood products	..	..	..	..	..	..	..	14	..	14	..
Textile and leather	..	..	..	..	..	..	..	7	..	7	..
Construction	..	..	..	1032	..	..	..	119	..	1151	..
Industries n.e.s	0	0	..	164	..	0	..	58	594	816	594
Transport	..	..	..	12028	..	564	..	68	..	12661	564
Road	..	..	..	11375	..	564	..	..	..	11939	564
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	309	..	..	..	..	..	309	..
Domestic navigation	..	..	..	344	..	..	..	..	..	344	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	68	..	68	..
Other	..	..	..	9224	..	..	..	8359	27971	45554	2821
Agriculture, forestry, fishing	..	..	..	8871	..	..	..	1008	1941	11820	705
Commerce, public services	..	..	..	..	..	..	..	4381	12223	16604	1589
Households	..	..	..	138	..	..	..	2970	13325	16433	527
Other consumers	..	..	..	215	..	..	..	..	482	697	..
Non-energy use	..	..	..	844	..	..	..	..	..	844	..

Iceland

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	327	..	48524	253085	301936	301936
Imports	3478	667	..	40058	..	578	..	..	..	44781	578
Exports
International marine bunkers	-2432	..	..	..	..	..	-2432	..
International aviation bunkers	-12833	..	..	..	..	..	-12833	..
Stock changes	-445	..	0	..	..	..	-445	0
Total energy supply	3478	667	..	24348	..	905	..	48524	253085	331008	302514
Statistical difference	0	0	..	661	..	10	..	0	-566	105	100380
Transfers	0	..	..	..	..	..	0	..
Transformation	-86	..	0	..	17521	-215325	-197890	-197804
Electricity plants	-86	..	0	..	1804	-17928	-16210	-16135
CHP plants	16452	-179465	-163013	-163013
Heat plants	0	..	-734	-17932	-18666	-18656
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation
Energy industries own use	-1994	0	-1994	..
Losses	-1760	-3540	-5300	..
Final consumption	3478	667	..	23601	..	895	..	62291	34786	125718	4330
Final energy consumption	3478	667	..	22838	..	895	..	62291	34786	124954	4330
Manufacturing, const., mining	3478	667	..	1898	..	285	..	53424	500	60253	785
Iron and steel	3478	667	..	228	..	285	..	3762	..	8420	285
Chemical and petrochemical	313	..	313	..
Non-ferrous metals	47	..	..	..	47059	..	47107	..
Non-metallic minerals	162	..	162	..
Transport equipment	18	..	18	..
Machinery	40	..	40	..
Mining and quarrying	11	..	11	..
Food and tobacco	215	..	..	..	1775	..	1990	..
Paper, pulp and printing	58	..	58	..
Wood and wood products	14	..	14	..
Textile and leather	11	..	11	..
Construction	1204	..	..	..	137	..	1341	..
Industries n.e.s	0	0	..	205	..	0	..	65	500	769	500
Transport	13154	..	610	..	220	..	13984	610
Road	12459	..	610	..	..	..	13068	610
Rail
Domestic aviation	309	..	..	..	..	..	309	..
Domestic navigation	387	..	..	..	..	..	387	..
Pipeline transport
Transport, n.e.s	220	..	220	..
Other	7785	..	..	..	8647	34286	50718	2935
Agriculture, forestry, fishing	7480	..	..	..	1062	2607	11149	819
Commerce, public services	4547	14447	18994	1589
Households	90	..	..	..	3038	16740	19869	527
Other consumers	215	..	..	..	..	492	707	..
Non-energy use	764	..	..	..	..	..	764	..

India

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	11098780	..	1740492	..	*1096629	7906700	404071	571068	..	22817741	8477768
Imports	5357332	86518	8580555	1537645	*712995	..	..	18878	..	16293923	..
Exports	-20885	-2905	..	-2705363	..	..	..	..	..	-2729152	..
International marine bunkers	..	..	..	-56883	..	..	..	..	..	-56883	..
International aviation bunkers	..	..	..	*-193290	..	..	..	..	..	*-193290	..
Stock changes	-105860	..	0	57511	..	..	..	..	..	-48349	..
Total energy supply	16329368	83613	10321047	-1360380	*1809625	7906700	404071	589946	..	36083990	8477768
Statistical difference	-295138	1184	293351	546332	0	*-3	0	18310	..	564035	571065
Transfers	..	..	..	-7654	..	..	..	..	..	-7654	..
Transformation	-10659321	548096	-10027697	10173898	*-570742	*-649852	-404071	4304707	..	-7284983	*-649852
Electricity plants	*-9714176	*-29689	..	-31431	*-570742	*-575112	-404071	4304707	..	*-7020514	*-575112
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	*-919395	996445	..	..	..	..	..	..	..	77050	..
Briquetting plants	*-23817	*14300	..	..	..	..	..	..	..	*-9517	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	*-1932	*974	..	..	..	..	..	..	..	*-958	..
Blast furnaces	..	-433935	..	..	..	..	..	..	..	-433935	..
NGL plants & gas blending	..	..	*-177507	135136	..	..	..	..	..	*-42371	..
Oil refineries	..	..	-9850190	10070193	..	..	..	..	..	220003	..
Other transformation	..	..	..	0	..	-74740	..	..	..	-74740	-74740
Energy industries own use	-6165	*-59377	..	*-627241	*-27091	..	..	-304546	..	*-1024419	..
Losses	..	..	..	..	..	..	..	-867110	..	-867110	..
Final consumption	5959020	*571147	..	7632291	*1211792	*7256851	..	3704688	..	*26335789	*7256851
Final energy consumption	5959020	*571147	..	6861179	*358615	*7256851	..	3704688	..	*24711500	*7256851
Manufacturing, const., mining	5959020	*556847	..	1505016	*195257	*2034285	..	*1625083	..	11875509	*2034285
Iron and steel	1181749	*556847	..	20602	..	..	..	*249642	..	2008839	..
Chemical and petrochemical	48326	..	..	511293	..	..	..	*141739	..	701358	..
Non-ferrous metals	..	..	..	1118	..	..	..	*66244	..	*67362	..
Non-metallic minerals	..	..	..	627153	..	..	..	*75560	..	702713	..
Transport equipment	..	..	..	..	..	..	..	*39870	..	*39870	..
Machinery	..	..	..	20631	..	..	..	*34654	..	*55285	..
Mining and quarrying	..	..	..	0	..	..	..	*774	..	*774	..
Food and tobacco	..	..	..	..	..	..	..	*73238	..	*73238	..
Paper, pulp and printing	22102	..	..	..	..	..	..	*24854	..	*46956	..
Wood and wood products	..	..	..	..	..	..	..	*3596	..	*3596	..
Textile and leather	4932	..	..	2120	..	..	..	*130705	..	*137757	..
Construction	165682	..	..	8772	..	..	..	..	..	174454	..
Industries n.e.s	4536229	0	..	313328	*195257	*2034285	..	*784206	..	7863305	*2034285
Transport	..	..	..	*3400438	*96607	..	..	59738	..	*3556784	..
Road	..	..	..	*3169378	*81879	..	..	..	..	*3251257	..
Rail	..	..	..	117387	..	..	..	59738	..	177125	..
Domestic aviation	..	..	..	*82907	..	..	..	..	..	*82907	..
Domestic navigation	..	..	..	29191	..	..	..	..	..	29191	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	1576	*14728	..	..	..	..	*16303	..
Other	..	*14300	..	1955724	*66751	*5222565	..	2019866	..	*9279207	*5222565
Agriculture, forestry, fishing	..	..	..	35097	*6753	..	..	623466	..	665316	..
Commerce, public services	..	..	..	..	*31088	287450	..	309733	..	628271	287450
Households	..	*14300	..	1103935	*28911	*4935115	..	859954	..	*6942214	*4935115
Other consumers	..	..	..	*816692	..	..	..	226714	..	*1043406	..
Non-energy use	..	..	..	771112	*853177	..	..	..	..	*1624289	..

India

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	11361206	..	1746521	..	1105909	8063161	409493	614214	..	23300504	8677375
Imports	5058305	122557	9247541	1422908	645865	..	..	20221	..	16517398	..
Exports	-29284	-2510	..	-2812751	..	..	..	-24156	..	-2868701	..
International marine bunkers	..	..	..	*-60762	..	..	..	..	..	*-60762	..
International aviation bunkers	..	..	..	*-216046	..	..	..	..	..	*-216046	..
Stock changes	216425	..	0	*-2514	..	..	..	..	..	213911	..
Total energy supply	16606651	120047	10994063	-1669164	1751774	8063161	409493	610279	..	36886305	8677375
Statistical difference	223419	*-379910	425411	112284	-98076	*-4	0	400385	..	683510	614210
Transfers	..	..	..	*36375	..	..	..	..	..	*36375	..
Transformation	-10642582	400957	-10568652	10578418	-589161	*-1056241	-409493	4542275	..	-7744479	*-1056241
Electricity plants	-10072720	*-34422	..	-34421	-589161	*-980640	-409493	4542275	..	-7578582	*-980640
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	*-531149	524694	..	..	..	..	..	..	..	*-6456	..
Briquetting plants	*-36763	*14340	..	..	..	..	..	..	..	*-22423	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	*-1951	*974	..	..	..	..	..	..	..	*-977	..
Blast furnaces	..	-104629	..	..	..	..	..	..	..	-104629	..
NGL plants & gas blending	..	..	*-189839	121019	..	..	..	..	..	*-68820	..
Oil refineries	..	..	-10378813	10491820	..	..	..	..	..	113008	..
Other transformation	..	..	..	..	..	-75601	..	..	..	-75601	-75601
Energy industries own use	-5220	*-68843	..	*-607266	-239209	..	..	*-17802	..	*-938340	..
Losses	..	..	..	..	..	..	..	-895802	..	-895802	..
Final consumption	5735430	*832071	..	8226079	1021480	*7006924	..	3838565	..	*26660549	*7006924
Final energy consumption	5735430	*832071	..	*7738296	285023	*7006924	..	3838565	..	*25436309	*7006924
Manufacturing, const., mining	5735430	*817731	..	1511629	23857	*1946748	..	1535994	..	11571389	*1946748
Iron and steel	1081615	*817731	..	6837	..	..	..	*238108	..	2144291	..
Chemical and petrochemical	63033	..	..	480357	..	..	..	153994	..	697384	..
Non-ferrous metals	..	..	..	1204	..	..	..	*74761	..	*75965	..
Non-metallic minerals	..	..	..	*248398	..	..	..	*82634	..	*331032	..
Transport equipment	..	..	..	..	..	..	..	*50335	..	*50335	..
Machinery	..	..	..	7916	..	..	..	37652	..	45569	..
Mining and quarrying	..	..	..	59293	..	..	..	*216	..	59509	..
Food and tobacco	..	..	..	..	..	..	..	75424	..	75424	..
Paper, pulp and printing	29120	..	..	..	..	..	..	*23263	..	52383	..
Wood and wood products	..	..	..	..	..	..	..	*3776	..	*3776	..
Textile and leather	25902	..	..	1686	..	..	..	*139784	..	*167372	..
Construction	127859	..	..	21758	..	..	..	..	..	149617	..
Industries n.e.s	4407900	0	..	684181	23857	*1946748	..	656046	..	7718732	*1946748
Transport	..	..	..	*3960844	254810	..	..	61981	..	*4277635	..
Road	..	..	..	*3306439	..	..	..	..	..	*3306439	..
Rail	..	..	..	114040	..	..	..	61981	..	176022	..
Domestic aviation	..	..	..	209053	..	..	..	..	..	209053	..
Domestic navigation	..	..	..	292581	..	..	..	..	..	292581	..
Pipeline transport	..	..	..	..	254810	..	..	..	..	254810	..
Transport, n.e.s	..	..	..	38730	..	..	..	..	..	38730	..
Other	..	*14340	..	2265824	6356	*5060176	..	2240590	..	*9587285	*5060176
Agriculture, forestry, fishing	..	..	..	34888	..	..	..	703703	..	738591	..
Commerce, public services	..	..	..	..	..	290770	..	353999	..	644769	290770
Households	..	*14340	..	1120534	..	*4769406	..	933520	..	*6837799	*4769406
Other consumers	..	..	..	*1110402	6356	..	..	249368	..	*1366126	..
Non-energy use	..	..	..	487783	736457	..	..	..	..	1224240	..

Indonesia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	11031088	..	1921666	..	2379659	2369817	..	63359	309260	18074849	2742436
Imports	79327	4574	792714	1402850	..	..	..	46	..	2279511	..
Exports	-9474064	0	-661757	-53464	-687362	-1298	..	..	..	-10877945	-1298
International marine bunkers	..	..	..	-11548	..	..	..	..	..	-11548	..
International aviation bunkers	..	..	..	-36831	..	..	..	..	..	-36831	..
Stock changes	53415	0	-37393	..	32100	..	..	..	..	48122	..
Total energy supply	1689765	4574	2015231	1301007	1724397	2368519	..	63405	309260	9476158	2741138
Statistical difference	-376146	-268	274512	-50473	-53816	-64111	..	70696	0	-199608	30174
Transfers	..	..	..	-2671	..	..	..	..	..	-2671	..
Transformation	-1851052	*4229	-1738562	1488325	-700035	*-34057	..	898874	-309260	-2241538	*-312391
Electricity plants	-1850002	..	..	-183180	-700035	*-4376	..	898874	-309260	-2147979	-282710
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-559	536	..	..	..	..	..	..	..	-23	..
Briquetting plants	-491	*393	..	..	..	..	..	..	..	-98	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	*3300	..	..	..	..	..	..	..	*3300	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-72090	77146	..	..	..	..	..	5056	..
Oil refineries	..	..	-1666472	1594359	..	..	..	..	..	-72113	..
Other transformation	..	..	..	..	..	*-29681	..	..	..	*-29681	*-29681
Energy industries own use	-9442	-169	..	-69705	-351449	..	..	-46217	..	-476983	..
Losses	-78	*-606	-2157	-43	-245766	..	..	-79405	..	-328055	..
Final consumption	205340	8296	..	2767386	480964	2398573	..	765961	..	6626520	2398573
Final energy consumption	173083	7323	..	2556983	263359	2398573	..	765961	..	6165282	2398573
Manufacturing, const., mining	173083	6773	..	504114	253954	1053890	..	261148	..	2252961	1053890
Iron and steel	18832	1523	..	87078	9644	..	..	16938	..	134015	..
Chemical and petrochemical	3027	11	..	3987	75154	..	..	5832	..	88010	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	4929	..	..	..	..	..	4929	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	1131	..	..	..	..	..	1131	..
Food and tobacco	..	..	..	1576	..	..	..	..	..	1576	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	1616	..	..	..	..	..	1616	..
Construction	..	..	..	8603	..	..	..	..	..	8603	..
Industries n.e.s	151224	5239	..	395195	169156	1053890	..	238378	..	2013081	1053890
Transport	..	..	..	1227510	1904	..	..	925	..	1230339	..
Road	..	..	..	1089038	1904	..	..	..	..	1090943	..
Rail	..	..	..	6106	..	..	..	925	..	7031	..
Domestic aviation	..	..	..	115060	..	..	..	..	..	115060	..
Domestic navigation	..	..	..	17306	..	..	..	..	..	17306	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	*550	..	825359	7501	1344684	..	503888	..	2681982	1344684
Agriculture, forestry, fishing	..	..	..	6270	..	..	..	1840	..	8109	..
Commerce, public services	..	..	..	21453	6564	*8678	..	180328	..	217022	*8678
Households	..	*200	..	782503	937	1336006	..	321721	..	2441367	1336006
Other consumers	..	*350	..	15133	..	..	..	..	..	15483	..
Non-energy use	32257	973	..	*210403	217605	..	..	..	..	461238	..

Indonesia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	11792160	..	1909344	..	2345036	2377294	..	77322	383746	18884902	2838362
Imports	100505	15536	845360	1212739	..	..	..	4	..	2174144	..
Exports	-9557235	0	-718496	-49276	-676765	-10945	..	..	..	-11012717	-10945
International marine bunkers	..	..	..	-13791	..	..	..	..	..	-13791	..
International aviation bunkers	..	..	..	-34178	..	..	..	..	..	-34178	..
Stock changes	11792	*-1118	11633	..	..	..	..	..	..	22307	..
Total energy supply	2347222	14419	2047841	1115495	1668271	2366350	..	77326	383746	10020668	2827418
Statistical difference	138812	0	-9844	30049	71894	0	..	-54110	0	176800	115727
Transfers	..	..	103635	-48060	..	..	..	..	..	55575	..
Transformation	-1953522	87921	-2159586	1622076	-407692	*-46090	..	762757	-383746	-2477881	*-391430
Electricity plants	-1854221	..	..	-159215	*-407692	*-10512	..	762757	-383746	-2052628	-355853
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-96578	82654	..	..	..	..	..	..	..	-13924	..
Briquetting plants	-2722	*1967	..	..	..	..	..	..	..	-756	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	*3300	..	..	..	..	..	..	..	*3300	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-165352	146079	..	..	..	..	..	-19274	..
Oil refineries	..	..	-1994233	1635212	..	..	..	..	..	-359022	..
Other transformation	..	..	..	..	..	*-35578	..	..	..	*-35578	*-35578
Energy industries own use	-8841	-254	..	-36979	-330134	..	..	-35640	..	-411848	..
Losses	-78	*-550	-1734	0	-212088	..	..	-81742	..	-296191	..
Final consumption	245969	101536	..	2622482	646464	*2320260	..	776812	..	*6713523	*2320260
Final energy consumption	245969	101282	..	2427920	438774	*2320260	..	776812	..	*6311017	*2320260
Manufacturing, const., mining	245969	100732	..	212167	424615	*315617	..	245322	..	1544422	*315617
Iron and steel	2489	82654	..	16251	115928	..	..	..	..	217323	..
Chemical and petrochemical	14986	..	..	3420	29756	..	..	..	..	48162	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	8524	..	..	..	..	..	8524	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	1980	..	..	..	..	..	1980	..
Food and tobacco	..	..	..	2626	..	..	..	..	..	2626	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	2747	..	..	..	..	..	2747	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	228495	18078	..	176618	278931	*315617	..	245322	..	1263061	*315617
Transport	..	..	..	1250713	1120	..	..	..	..	1251833	..
Road	..	..	..	1082910	1120	..	..	..	..	1084030	..
Rail	..	..	..	9515	..	..	..	..	..	9515	..
Domestic aviation	..	..	..	120182	..	..	..	..	..	120182	..
Domestic navigation	..	..	..	37784	..	..	..	..	..	37784	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	322	..	..	..	..	..	322	..
Other	..	*550	..	965039	13040	*2004643	..	531490	..	*3514762	*2004643
Agriculture, forestry, fishing	..	..	..	13871	..	..	..	9702	..	23573	..
Commerce, public services	..	..	..	21341	11722	*8198	..	194404	..	235664	*8198
Households	..	*200	..	912402	1319	*1996445	..	327384	..	*3237750	*1996445
Other consumers	..	*350	..	17425	17775	..
Non-energy use	0	254	..	*194562	207689	402506	..

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Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	33517	..	6893167	..	6544758	82796	31471	51523	..	13637232	134318
Imports	11152	8883	15189	127078	300864	..	..	14933	..	478098	..
Exports	-5086	-423	-2715564	-799372	-318398	..	..	-24559	..	-3863402	..
International marine bunkers	..	..	..	-197153	..	..	..	..	..	-197153	..
International aviation bunkers	..	..	..	-58454	..	..	..	..	..	-58454	..
Stock changes	..	..	-6941	..	..	..	..	..	..	-6941	..
Total energy supply	39583	8460	4185850	-927900	6527223	82796	31471	41896	..	9989380	134318
Statistical difference	-12621	2356	-3056	32753	61799	-55	0	994	..	82169	51468
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-45069	16241	-4124710	4083858	-2056071	-155	-31471	958756	..	-1198621	-155
Electricity plants	..	-9152	..	-494143	-2051787	-127	-31471	958756	..	-1627925	-127
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-45069	40080	..	..	..	..	..	..	..	-4989	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-14687	..	..	-4285	..	..	..	..	-18971	..
NGL plants & gas blending	..	..	-496755	560126	..	..	..	..	..	63371	..
Oil refineries	..	..	-3627955	3680944	..	..	..	..	..	52988	..
Other transformation	..	..	..	336932	..	*-28	..	..	..	336904	*-28
Energy industries own use	..	-8664	-64178	-123444	-467327	..	..	-39761	..	-703375	..
Losses	..	..	-18	..	-2037	..	..	-121745	..	-123800	..
Final consumption	7135	13681	..	2999762	3939989	82695	..	838152	..	7881415	82695
Final energy consumption	390	5286	..	2215438	3530538	82695	..	838152	..	6672500	82695
Manufacturing, const., mining	..	5286	..	148315	*1333008	..	..	277870	..	*1764479	..
Iron and steel	..	5145	..	..	..	..	..	..	..	5145	..
Chemical and petrochemical	..	..	..	..	*399899	..	..	..	..	*399899	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	..	141	..	148315	*933109	..	..	277870	..	*1359435	..
Transport	..	..	..	1711662	260582	..	..	1976	..	1974220	..
Road	..	..	..	1527393	..	..	..	..	..	1527393	..
Rail	..	..	..	..	..	..	..	1976	..	1976	..
Domestic aviation	..	..	..	32	..	..	..	..	..	32	..
Domestic navigation	..	..	..	184236	..	..	..	..	..	184236	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	260582	..	..	..	..	260582	..
Other	390	..	..	355461	1936948	82695	..	558306	..	2933800	82695
Agriculture, forestry, fishing	..	..	..	137780	57595	..	..	129920	..	325296	..
Commerce, public services	..	..	..	40274	243725	..	..	139950	..	423949	..
Households	390	..	..	175833	1635628	82695	..	273974	..	2168520	82695
Other consumers	..	..	..	1574	..	..	..	14461	..	16035	..
Non-energy use	6745	8395	..	784324	409451	..	..	..	..	1208915	..

Iran (Islamic Rep. of)

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	30949	..	9087103	..	7078460	*83851	71496	60030	..	16411888	*143881
Imports	9383	733	46650	182656	207848	177	..	15196	..	462643	177
Exports	-2859	-28	-5146910	-866927	-321208	..	..	-24077	..	-6362009	..
International marine bunkers	..	..	..	-203396	..	..	..	..	..	-203396	..
International aviation bunkers	..	..	..	-64430	..	..	..	..	..	-64430	..
Stock changes	..	-28	169640	-9413	..	..	..	..	..	160199	..
Total energy supply	37473	677	4156483	-961509	6965100	*84028	71496	51149	..	10404896	*144058
Statistical difference	-17165	-8575	-95790	237	-3714	*-55	0	1951	..	-123112	*59975
Transfers	..	..	..	-4179	..	..	..	..	..	-4179	..
Transformation	-45481	15723	-4176912	3776729	-2188336	-307	-71496	980708	..	-1709372	-307
Electricity plants	..	-7028	..	-383818	-2188336	-282	-71496	980708	..	-1670252	-282
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-45481	42998	..	..	..	..	..	..	..	-2482	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-20248	..	..	..	..	..	..	..	-20248	..
NGL plants & gas blending	..	..	-504189	531759	..	..	..	..	..	27570	..
Oil refineries	..	..	-3672722	3628788	..	..	..	..	..	-43934	..
Other transformation	..	..	..	0	..	*-25	..	..	..	*-25	*-25
Energy industries own use	..	-7406	-75361	-114700	-513627	..	..	-41821	..	-752916	..
Losses	..	-1491	..	..	-3715	..	..	-120647	..	-125853	..
Final consumption	9157	16078	..	2696103	4263136	*83775	..	867438	..	7935688	*83775
Final energy consumption	9157	7147	..	2134273	3813967	*83775	..	867438	..	6915757	*83775
Manufacturing, const., mining	8768	7147	..	145237	1406037	..	..	290448	..	1857637	..
Iron and steel	..	7006	..	..	..	..	..	..	..	7006	..
Chemical and petrochemical	..	..	..	6683	399819	..	..	..	..	406501	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	8768	141	..	138555	1006218	..	..	290448	..	1444129	..
Transport	..	..	..	1599755	286546	..	..	1570	..	1887870	..
Road	..	..	..	1405447	270947	..	..	..	..	1676394	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	2448	15599	..	..	..	..	18047	..
Transport, n.e.s	..	..	..	191860	..	..	..	1570	..	193429	..
Other	390	..	..	389281	2121385	*83775	..	575420	..	3170251	*83775
Agriculture, forestry, fishing	..	..	..	104592	69771	..	..	130399	..	304762	..
Commerce, public services	..	..	..	62449	268589	..	..	145922	..	476960	..
Households	390	..	..	222241	1783025	*83569	..	282179	..	2371403	*83569
Other consumers	..	..	..	..	..	207	..	16920	..	17127	207
Non-energy use	..	8931	..	561830	449169	..	..	..	..	1019930	..

Iraq

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	7316033	..	237597	1935	..	*9259	..	7564824	*11194
Imports	524448	..	..	..	47174	..	571622	..
Exports	-6240900	-18342	..	..	..	..	..	-6259241	..
International marine bunkers	-9050	..	..	..	..	..	-9050	..
International aviation bunkers	-23241	..	..	..	..	..	-23241	..
Stock changes	96740	55190	..	..	..	..	..	151931	..
Total energy supply	1171873	529006	237597	1935	..	56434	..	1996846	*11194
Statistical difference	23984	0	0	0	..	24732	..	48716	*9259
Transfers	220510	-210865	..	..	..	..	..	9645	..
Transformation	-1253132	296862	-186582	-883	..	*238018	..	-905716	-883
Electricity plants	-348044	-560809	-186582	..	..	*238018	..	-857417	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-35139	37604	..	..	..	..	..	2465	..
Oil refineries	-869948	820068	..	..	..	..	..	-49881	..
Other transformation	0	..	-883	..	..	..	-883	-883
Energy industries own use	-108669	-42297	0	..	..	*-3312	..	-154278	..
Losses	-6599	..	..	..	..	-115081	..	-121680	..
Final consumption	572707	51016	1052	..	151326	..	776100	1052
Final energy consumption	559762	41713	1052	..	151326	..	753853	1052
Manufacturing, const., mining	84718	41713	..	..	*31194	..	157625	..
Iron and steel
Chemical and petrochemical	0	..	..	..	..	..	0	..
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	84718	41713	..	..	*31194	..	157625	..
Transport	351389	..	..	..	..	..	351389	..
Road	351389	..	..	..	..	..	351389	..
Rail
Domestic aviation	0	..	..	..	..	..	0	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	123656	..	1052	..	120132	..	244840	1052
Agriculture, forestry, fishing	0	..	0	..
Commerce, public services	11113	..	11113	..
Households	123656	..	..	..	72997	..	196653	..
Other consumers	1052	..	*36022	..	*37074	1052
Non-energy use	12944	9302	..	..	..	..	22247	..

Iraq

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	9391458	..	261357	2148	..	12136	..	9667098	14284
Imports	710955	..	..	..	43074	..	754029	..
Exports	-7925328	-13332	..	..	..	..	..	-7938660	..
International marine bunkers	-11474	..	..	..	..	..	-11474	..
International aviation bunkers	-29062	..	..	..	..	..	-29062	..
Stock changes	-132822	-47	..	..	..	..	..	-132869	..
Total energy supply	1333308	657040	261357	2148	..	55210	..	2309063	14284
Statistical difference	45684	142802	0	0	..	8212	..	196697	12136
Transfers	219283	-209591	..	..	..	..	..	9692	..
Transformation	-1380895	314928	-203290	-977	..	275972	..	-994261	-977
Electricity plants	-380489	-594135	-203290	..	..	275972	..	-901941	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-55383	59267	..	..	..	..	..	3884	..
Oil refineries	-945024	849796	..	..	..	..	..	-95228	..
Other transformation	-977	..	..	..	-977	-977
Energy industries own use	-118778	-45606	..	..	..	-7283	..	-171667	..
Losses	-7233	..	..	..	..	-176249	..	-183482	..
Final consumption	573970	58067	1172	..	139439	..	772648	1172
Final energy consumption	568583	48777	1172	..	139439	..	757971	1172
Manufacturing, const., mining	81709	48777	..	..	18648	..	149135	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	81709	48777	..	..	18648	..	149135	..
Transport	352187	..	..	..	..	..	352187	..
Road	352187	..	..	..	..	..	352187	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	134687	..	1172	..	120791	..	256649	1172
Agriculture, forestry, fishing	0	..	0	..
Commerce, public services	8420	..	8420	..
Households	134687	..	..	..	69300	..	203987	..
Other consumers	1172	..	43070	..	44242	1172
Non-energy use	5387	9290	..	..	..	..	14677	..

Ireland

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	31893	..	..	..	4442	16982	..	26575	544	80435	41468
Imports	61466	535	154057	231610	151598	3745	..	6307	..	609317	3745
Exports	-334	-196	0	-73820	..	-9	..	-3884	..	-78243	-9
International marine bunkers	..	..	..	-6596	..	..	..	..	..	-6596	..
International aviation bunkers	..	..	..	-35104	..	..	..	..	..	-35104	..
Stock changes	-2117	332	-11675	-1914	1060	13	..	..	..	-14301	13
Total energy supply	90908	671	142382	114176	157100	20730	..	28998	544	555508	45217
Statistical difference	68	-30	0	4711	1483	-279	..	1717	0	7671	26296
Transfers	..	..	-1404	1459	..	..	..	..	..	55	..
Transformation	-75855	1444	-140978	139114	-81169	-5841	..	74581	..	-88703	-4781
Electricity plants	-72779	..	..	-3198	-67688	-5526	..	66812	..	-82379	-4466
CHP plants	-279	..	..	-443	-11672	-315	..	7769	..	-4940	-315
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-2797	1444	..	..	..	..	..	..	..	-1353	..
Liquefaction plants	..	..	1404	..	..	..	..	..	..	1404	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-142382	142756	..	..	..	..	..	374	..
Other transformation	..	..	..	..	-1809	..	..	..	..	-1809	..
Energy industries own use	-360	..	..	-5379	..	..	..	-4100	..	-9839	..
Losses	..	..	..	..	-2512	..	..	-7502	..	-10014	..
Final consumption	14625	2145	..	244659	71935	*15168	..	90259	544	439336	*14140
Final energy consumption	14625	2145	..	235212	71935	*15168	..	90259	544	429889	*14140
Manufacturing, const., mining	4100	..	..	20190	30673	*9217	..	35438	..	99619	*7645
Iron and steel	..	..	..	189	..	..	..	..	..	189	..
Chemical and petrochemical	..	..	..	1401	2440	0	..	6437	..	10278	0
Non-ferrous metals	..	..	..	1199	17619	..	..	2826	..	21645	..
Non-metallic minerals	3235	..	..	7109	636	3224	..	2254	..	16458	1652
Transport equipment	..	..	..	273	70	..	..	749	..	1092	..
Machinery	..	..	..	470	4847	..	..	5278	..	10595	..
Mining and quarrying	..	..	..	1551	449	..	..	2542	..	4542	..
Food and tobacco	865	..	..	5470	3952	*1165	..	7556	..	19008	*1165
Paper, pulp and printing	..	..	..	86	127	..	..	828	..	1041	..
Wood and wood products	..	..	..	126	77	*4828	..	1519	..	*6550	*4828
Textile and leather	..	..	..	316	43	..	..	454	..	813	..
Construction	..	..	..	..	..	..	..	263	..	263	..
Industries n.e.s	0	..	..	1999	412	0	..	4734	..	7146	0
Transport	..	..	..	154678	1	3668	..	155	..	158502	3668
Road	..	..	..	149853	1	3668	..	7	..	153529	3668
Rail	..	..	..	1505	..	..	..	148	..	1653	..
Domestic aviation	..	..	..	353	..	..	..	..	..	353	..
Domestic navigation	..	..	..	2967	..	..	..	..	..	2967	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	10525	2145	..	60344	41261	*2283	..	54666	544	171768	*2827
Agriculture, forestry, fishing	..	..	..	8041	..	..	..	2009	..	10050	..
Commerce, public services	..	..	..	9288	18067	*928	..	24286	7	52575	*935
Households	10525	2145	..	43015	23195	*1355	..	28372	537	109143	*1892
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	9447	..	..	..	..	..	9447	..

Ireland

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	28434	..	..	..	103966	18287	..	24602	584	175874	40740
Imports	47943	396	135233	244728	71174	5903	..	3136	..	508514	5903
Exports	-251	-167	..	-68122	..	*-9	..	-5699	..	-74248	*-9
International marine bunkers	..	..	..	-6338	..	..	..	..	..	-6338	..
International aviation bunkers	..	..	..	-36250	..	..	..	..	..	-36250	..
Stock changes	11634	-195	-127	2977	2462	-275	..	..	..	16476	-275
Total energy supply	87761	34	135106	136995	177602	23906	..	22039	584	584028	46359
Statistical difference	-9	-99	-296	6934	1021	-525	..	1890	0	8915	24077
Transfers	..	..	-1728	1839	..	..	..	..	..	111	..
Transformation	-73785	1786	-133674	131293	-99760	-7759	..	83851	..	-98047	-6693
Electricity plants	-69966	..	..	-2655	-86422	-7373	..	76306	..	-90110	-6307
CHP plants	-366	..	..	-245	-11084	-386	..	7546	..	-4536	-386
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-3453	1786	..	..	..	..	..	..	..	-1667	..
Liquefaction plants	..	..	1728	..	..	..	..	..	..	1728	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-135402	134193	..	..	..	..	..	-1209	..
Other transformation	..	..	..	..	-2254	..	..	..	..	-2254	..
Energy industries own use	-473	..	..	-5296	..	..	..	-4244	..	-10013	..
Losses	..	..	..	..	-2527	..	..	-7690	..	-10217	..
Final consumption	13512	1919	..	257898	74294	*16673	..	92066	584	456947	*15589
Final energy consumption	13512	1919	..	246160	74294	*16673	..	92066	584	445208	*15589
Manufacturing, const., mining	4180	..	..	20537	31762	*9007	..	36515	..	102001	*7340
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	1130	2683	0	..	6646	..	10459	0
Non-ferrous metals	..	..	..	363	17408	..	..	2840	..	20611	..
Non-metallic minerals	3385	..	..	7668	699	3395	..	2326	..	17473	1728
Transport equipment	..	..	..	185	77	..	..	774	..	1036	..
Machinery	..	..	..	1966	5330	..	..	5450	..	12746	..
Mining and quarrying	..	..	..	1290	494	..	..	2624	..	4408	..
Food and tobacco	795	..	..	5367	4346	*874	..	7801	..	19184	*874
Paper, pulp and printing	..	..	..	87	140	..	..	857	..	1083	..
Wood and wood products	..	..	..	86	85	*4738	..	1570	..	*6478	*4738
Textile and leather	..	..	..	87	48	..	..	468	..	603	..
Construction	..	..	..	..	..	..	..	263	..	263	..
Industries n.e.s	0	..	..	2308	453	0	..	4896	..	7657	0
Transport	..	..	..	166113	1	4910	..	176	..	171200	4910
Road	..	..	..	160862	1	4910	..	14	..	165787	4910
Rail	..	..	..	1505	..	..	..	162	..	1667	..
Domestic aviation	..	..	..	177	..	..	..	..	..	177	..
Domestic navigation	..	..	..	3569	..	..	..	..	..	3569	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	9332	1919	..	59510	42531	*2756	..	55375	584	172007	*3340
Agriculture, forestry, fishing	..	..	..	7439	..	..	..	2009	..	9448	..
Commerce, public services	..	..	..	9834	19008	*1384	..	25024	7	55257	*1391
Households	9332	1919	..	42237	23523	*1372	..	28343	577	107303	*1949
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	11738	..	..	..	..	..	11738	..

Israel

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	1667	..	3215	..	282811	742	..	4126	15887	308447	20755
Imports	275619	..	495671	202436	5517	649	..	..	..	979893	649
Exports	..	..	..	-264248	..	..	..	-18709	..	-282957	..
International marine bunkers	..	..	..	-10633	..	..	..	..	..	-10633	..
International aviation bunkers	..	..	..	-37309	..	..	..	..	..	-37309	..
Stock changes	-150	..	-5330	-8683	..	..	..	..	..	-14163	..
Total energy supply	277137	..	493556	-118437	288328	1391	..	-14584	15887	943279	21404
Statistical difference	6989	..	5245	2323	-10966	0	..	-1847	0	1745	4126
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-267876	..	-488311	502046	-236037	-559	..	227088	..	-263649	-559
Electricity plants	-267876	..	..	-4850	-236037	-559	..	227088	..	-282234	-559
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-488311	506896	..	..	..	..	..	18585	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	-31037	-7570	..	..	-9709	..	-48316	..
Losses	..	..	..	..	..	..	..	-8899	..	-8899	..
Final consumption	2271	..	..	350250	55687	832	..	195743	15887	620670	16719
Final energy consumption	2271	..	..	277329	55687	832	..	195743	15887	547749	16719
Manufacturing, const., mining	2271	..	..	19341	52886	..	..	48388	..	122886	..
Iron and steel	..	..	..	..	..	..	..	1732	..	1732	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	1735	..	1735	..
Machinery	..	..	..	..	..	..	..	9605	..	9605	..
Mining and quarrying	..	..	..	..	..	..	..	8442	..	8442	..
Food and tobacco	..	..	..	..	..	..	..	6199	..	6199	..
Paper, pulp and printing	..	..	..	..	..	..	..	288	..	288	..
Wood and wood products	..	..	..	..	..	..	..	2232	..	2232	..
Textile and leather	..	..	..	..	..	..	..	781	..	781	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	2271	..	..	19341	52886	..	..	17374	..	91872	..
Transport	..	..	..	234542	..	..	..	..	..	234542	..
Road	..	..	..	233571	..	..	..	..	..	233571	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	970	..	..	..	..	..	970	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	23446	2801	832	..	147355	15887	190321	16719
Agriculture, forestry, fishing	..	..	..	615	..	..	..	9072	..	9687	..
Commerce, public services	..	..	..	5676	..	..	..	62572	..	68248	..
Households	..	..	..	5771	..	*183	..	63382	15887	85222	16070
Other consumers	..	..	..	11385	2801	649	..	12330	..	27164	649
Non-energy use	..	..	..	72921	..	..	..	..	..	72921	..

Israel

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	1679	..	4865	..	317441	978	..	5558	15887	346408	22423
Imports	218776	..	437044	215376	12288	856	..	..	..	884339	856
Exports	..	..	..	-240358	..	..	..	-19991	..	-260348	..
International marine bunkers	..	..	..	-6335	..	..	..	..	..	-6335	..
International aviation bunkers	..	..	..	-40175	..	..	..	..	..	-40175	..
Stock changes	9701	..	16285	3426	..	..	..	..	..	29413	..
Total energy supply	230156	..	458194	-68065	329729	1834	..	-14432	15887	953301	23279
Statistical difference	-970	..	8122	4501	-15157	0	..	-288	0	-3793	5558
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-228912	..	-450072	463909	-285902	-795	..	235555	..	-266217	-795
Electricity plants	-228912	..	..	-3127	-285902	-795	..	235555	..	-283182	-795
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-450072	467037	..	..	..	..	..	16965	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	-32324	-6924	..	..	-9932	..	-49180	..
Losses	..	..	..	..	..	..	..	-9126	..	-9126	..
Final consumption	2214	..	..	359020	52060	1039	..	202352	15887	632571	16926
Final energy consumption	2214	..	..	285849	52060	1039	..	202352	15887	559400	16926
Manufacturing, const., mining	2189	..	..	18872	48373	..	..	53759	..	123193	..
Iron and steel	..	..	..	..	..	..	..	1922	..	1922	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	1930	..	1930	..
Machinery	..	..	..	..	..	..	..	10670	..	10670	..
Mining and quarrying	..	..	..	..	..	..	..	9378	..	9378	..
Food and tobacco	..	..	..	..	..	..	..	6887	..	6887	..
Paper, pulp and printing	..	..	..	..	..	..	..	320	..	320	..
Wood and wood products	..	..	..	..	..	..	..	2480	..	2480	..
Textile and leather	..	..	..	..	..	..	..	868	..	868	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	2189	..	..	18872	48373	..	..	19303	..	88737	..
Transport	..	..	..	243395	..	..	..	..	..	243395	..
Road	..	..	..	242381	..	..	..	..	..	242381	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	1014	..	..	..	..	..	1014	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	25	..	..	23581	3686	1039	..	148594	15887	192812	16926
Agriculture, forestry, fishing	..	..	..	615	..	..	..	9371	..	9986	..
Commerce, public services	..	..	..	5913	..	..	..	62532	..	68445	..
Households	..	..	..	6054	..	*183	..	65354	15887	87479	16070
Other consumers	25	..	..	11000	3686	856	..	11336	..	26903	856
Non-energy use	..	..	..	73172	..	..	..	..	..	73172	..

Italy

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	2154	..	242181	..	232178	495839	..	299966	236953	1509271	984643
Imports	509454	19778	2646401	770094	2100811	108883	..	183056	..	6338477	108883
Exports	-2180	-8903	-30411	-1163861	-7578	-4733	..	-16096	..	-1233762	-4733
International marine bunkers	..	..	..	-80251	..	..	..	..	..	-80251	..
International aviation bunkers	..	..	..	-135960	..	..	..	..	..	-135960	..
Stock changes	-4626	1740	-9373	26424	-10047	552	..	..	..	4671	552
Total energy supply	504801	12615	2848798	-583554	2315363	600541	..	466927	236953	6402445	1089344
Statistical difference	-121	-2320	-4133	-48892	-1	-37	..	0	1	-55502	322978
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-495046	16618	-2852932	2678246	-852503	-252431	..	713657	-7276	-1051665	-416733
Electricity plants	-420482	..	..	-33621	-259031	-113225	..	368507	-222660	-680512	-295140
CHP plants	-2324	-26152	..	-156729	-593472	-135099	..	345150	213204	-355422	-116706
Heat plants	..	..	..	..	..	*-3785	..	..	2180	*-1605	*-4565
Coke ovens	-56230	62439	..	..	..	..	..	..	..	6209	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-16010	-26580	..	..	..	..	..	..	..	-42590	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-2852932	2870626	..	..	..	..	..	17695	..
Other transformation	..	6911	..	-2030	..	*-321	..	..	..	4560	*-321
Energy industries own use	-78	-877	..	-139772	-46915	..	..	-74664	-54798	-317105	..
Losses	..	..	..	..	-11010	..	..	-70981	-898	-82889	..
Final consumption	9798	30676	..	2003812	1404937	*348147	..	1034939	173980	5006288	*349634
Final energy consumption	7447	30676	..	1751391	1380967	*348147	..	1034939	173980	4727547	*349634
Manufacturing, const., mining	7447	30676	..	117906	346386	*27602	..	405594	113343	1048954	*16838
Iron and steel	1541	30444	..	3803	49855	..	..	62780	6678	155100	..
Chemical and petrochemical	..	29	..	11235	39181	3284	..	50260	33956	137944	327
Non-ferrous metals	..	116	..	1297	15818	..	..	8939	3	26172	..
Non-metallic minerals	5907	58	..	71755	79245	13149	..	32357	6946	209416	*6125
Transport equipment	..	..	..	..	..	..	..	12665	4019	16684	..
Machinery	..	..	..	11807	55826	190	..	71798	1065	140686	*70
Mining and quarrying	..	..	..	1038	1339	..	..	2257	37	4671	..
Food and tobacco	..	..	..	8229	46055	*2027	..	43733	13405	113449	*2027
Paper, pulp and printing	..	..	..	2864	25664	18	..	31450	39364	99359	18
Wood and wood products	..	..	..	..	1205	*5640	..	10832	1288	18966	*5639
Textile and leather	..	..	..	3469	22574	4	..	18835	1483	46365	4
Construction	..	..	..	950	8816	*4	..	4878	9	14658	*4
Industries n.e.s	0	29	..	1461	809	*3286	..	54810	5090	65485	*2624
Transport	..	..	..	1412086	45528	48351	..	39082	..	1545047	48351
Road	..	..	..	1341796	37719	48351	..	256	..	1428121	48351
Rail	..	..	..	946	..	..	..	18382	..	19328	..
Domestic aviation	..	..	..	29944	..	..	..	..	..	29944	..
Domestic navigation	..	..	..	39400	..	..	..	..	..	39400	..
Pipeline transport	..	..	..	..	7809	..	..	1447	..	9257	..
Transport, n.e.s	..	..	..	..	..	..	..	18997	..	18997	..
Other	..	..	..	221399	989053	*272195	..	590263	60637	2133547	*284446
Agriculture, forestry, fishing	..	..	..	90624	5795	*1431	..	20484	1939	120273	2974
Commerce, public services	..	..	..	24140	272107	*3156	..	331506	14047	644956	7944
Households	..	..	..	101212	711151	*267608	..	238273	43953	1362197	*273528
Other consumers	..	..	..	5423	..	..	..	..	698	6121	..
Non-energy use	2351	..	..	252421	23970	..	..	..	..	278741	..

Italy

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	0	..	168056	..	198368	503925	..	296010	241627	1407986	992026
Imports	431096	27944	2580419	880449	2238588	*96778	..	155452	..	6410727	*96778
Exports	0	-10846	-26425	-1235256	-7269	-9481	..	-22154	..	-1311431	-9481
International marine bunkers	..	..	..	-93489	..	..	..	..	..	-93489	..
International aviation bunkers	..	..	..	-141517	..	..	..	..	..	-141517	..
Stock changes	8714	2900	24548	23658	1989	-110	..	..	..	61699	-110
Total energy supply	439811	19998	2746598	-566155	2431676	591112	..	429307	241627	6333974	1079213
Statistical difference	0	-62	-300	-54109	0	37	..	0	0	-54434	319500
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-427413	10381	-2746898	2581292	-951887	-257029	..	740585	-4177	-1055146	-423642
Electricity plants	-342543	..	..	-21120	-304679	-115084	..	362131	-226404	-647699	-300311
CHP plants	-2276	-33026	..	-160395	-647208	-137506	..	378454	219766	-382190	-118081
Heat plants	..	..	..	..	..	*-4119	..	..	2461	*-1658	*-4929
Coke ovens	-60820	66747	..	..	..	..	..	..	..	5927	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-21773	-28742	..	..	..	..	..	..	..	-50516	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-2746898	2765182	..	..	..	..	..	18284	..
Other transformation	..	5402	..	-2375	..	*-321	..	..	..	2706	*-321
Energy industries own use	..	-197	..	-109275	-49325	..	..	-72684	-57469	-288949	..
Losses	..	..	..	..	-11575	..	..	-67511	-1002	-80088	..
Final consumption	12398	30244	..	1959971	1418890	*334046	..	1029697	178979	4964225	*336071
Final energy consumption	10122	30244	..	1723480	1391567	*334046	..	1029697	178979	4698136	*336071
Manufacturing, const., mining	10122	30244	..	112892	350097	*27485	..	407725	115053	1053619	*16427
Iron and steel	336	28396	..	3811	49939	..	..	65743	7859	156084	..
Chemical and petrochemical	..	..	..	16615	40050	3590	..	50080	36625	146960	326
Non-ferrous metals	..	..	..	2197	16347	..	..	8917	7	27468	..
Non-metallic minerals	9786	..	..	55984	79644	11890	..	31774	5622	194700	*5396
Transport equipment	..	..	..	..	..	..	..	12996	4554	17550	..
Machinery	..	..	..	12503	56425	215	..	72461	1269	142872	*95
Mining and quarrying	..	..	..	1437	1444	..	..	2192	40	5113	..
Food and tobacco	..	..	..	11161	46638	*2064	..	43812	14676	118351	*2064
Paper, pulp and printing	..	..	..	3067	26119	19	..	31129	36585	96920	19
Wood and wood products	..	..	..	..	1308	*6029	..	10674	1384	19395	*6028
Textile and leather	..	..	..	3761	22231	4	..	18551	1493	46039	4
Construction	..	..	..	860	9091	*33	..	4871	6	14861	*33
Industries n.e.s	0	1848	..	1496	863	*3641	..	54526	4933	67307	*2462
Transport	..	..	..	1391077	46294	43008	..	40183	..	1520562	43008
Road	..	..	..	1319405	37413	43008	..	248	..	1400075	43008
Rail	..	..	..	645	..	..	..	19606	..	20251	..
Domestic aviation	..	..	..	30473	..	..	..	..	..	30473	..
Domestic navigation	..	..	..	40553	..	..	..	..	..	40553	..
Pipeline transport	..	..	..	..	8881	..	..	1408	..	10289	..
Transport, n.e.s	..	..	..	..	..	..	..	18922	..	18922	..
Other	..	..	..	219511	995176	*263553	..	581789	63926	2123955	*276636
Agriculture, forestry, fishing	..	..	..	91684	5438	*1462	..	20045	2439	121068	3447
Commerce, public services	..	..	..	24009	273902	*3704	..	330250	15137	647002	8566
Households	..	..	..	97643	715837	*258387	..	231494	45871	1349232	*264623
Other consumers	..	..	..	6174	..	..	..	..	479	6653	..
Non-energy use	2276	..	..	236492	27322	..	..	..	..	266090	..

Jamaica

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	*7085	..	914	..	*7999	*7999
Imports	2786	..	51521	63102	..	1313	..	..	..	118723	1313
Exports	-1745	..	..	..	..	..	-1745	..
International marine bunkers	-8202	..	..	..	..	..	-8202	..
International aviation bunkers	-8159	..	..	..	..	..	-8159	..
Stock changes	-258	..	..	-272	..	..	..	..	..	-530	..
Total energy supply	2528	..	51521	44724	..	*8398	..	914	..	108086	*9312
Statistical difference	26	..	0	2595	..	*-29	..	-277	..	2314	*885
Transfers
Transformation	-51521	14944	..	*-1599	..	13925	..	-24252	*-1599
Electricity plants	-34730	..	..	..	13316	..	-21413	..
CHP plants	*-761	..	608	..	*-152	*-761
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-51521	49674	..	..	..	..	..	-1848	..
Other transformation	*-838	..	..	..	*-838	*-838
Energy industries own use	-97	..	-97	..
Losses	0	..	..	..	..	-4093	..	-4093	..
Final consumption	2503	..	..	57073	..	*6828	..	10926	..	77330	*6828
Final energy consumption	2503	..	..	55827	..	*6828	..	10926	..	76083	*6828
Manufacturing, const., mining	2503	..	..	27012	..	*3610	..	5342	..	38466	*3610
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	2503	..	..	81	..	..	..	162	..	2745	..
Transport equipment
Machinery
Mining and quarrying	23392	..	..	..	3589	..	26981	..
Food and tobacco	83	..	*3551	..	162	..	*3796	*3551
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	516	..	..	..	126	..	642	..
Industries n.e.s	0	..	..	2940	..	*59	..	1303	..	4302	*59
Transport	23804	..	1313	..	..	..	25117	1313
Road	23804	..	1313	..	..	..	25117	1313
Rail
Domestic aviation	0	..	..	..	..	..	0	..
Domestic navigation	0	..	..	..	..	..	0	..
Pipeline transport
Transport, n.e.s
Other	5011	..	1905	..	5584	..	12500	1905
Agriculture, forestry, fishing	520	..	..	..	1616	..	2136	..
Commerce, public services	2308	..	738	..	324	..	3370	738
Households	2183	..	*1168	..	3568	..	6919	*1168
Other consumers	0	..	0	..	76	..	76	0
Non-energy use	1246	..	..	..	..	..	1246	..

Jamaica

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	*7407	..	1159	..	*8566	*8566
Imports	2425	..	51775	71671	..	1394	..	..	..	127265	1394
Exports	-1613	..	..	..	..	..	-1613	..
International marine bunkers	-8926	..	..	..	..	..	-8926	..
International aviation bunkers	-8335	..	..	..	..	..	-8335	..
Stock changes	-542	..	..	426	..	..	..	..	..	-116	..
Total energy supply	1883	..	51775	53224	..	*8800	..	1159	..	116842	*9960
Statistical difference	0	..	0	2379	..	*-30	..	-292	..	2058	*1130
Transfers
Transformation	-51775	8268	..	*-1920	..	14069	..	-31358	*-1920
Electricity plants	-36366	..	..	..	13302	..	-23064	..
CHP plants	*-958	..	767	..	*-192	*-958
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-51775	44635	..	..	..	..	..	-7141	..
Other transformation	*-962	..	..	..	*-962	*-962
Energy industries own use	-97	..	-97	..
Losses	0	..	..	..	..	-4176	..	-4176	..
Final consumption	1883	..	..	59113	..	*6910	..	11246	..	79152	*6910
Final energy consumption	1883	..	..	58309	..	*6910	..	11246	..	78348	*6910
Manufacturing, const., mining	1883	..	..	28699	..	*3763	..	5461	..	39807	*3763
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	1883	..	..	162	..	..	..	166	..	2211	..
Transport equipment
Machinery
Mining and quarrying	24765	..	..	..	3668	..	28434	..
Food and tobacco	83	..	*3704	..	166	..	*3953	*3704
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	473	..	..	..	130	..	603	..
Industries n.e.s	0	..	..	3216	..	*59	..	1332	..	4607	*59
Transport	25035	..	1394	..	..	..	26429	1394
Road	24992	..	1394	..	..	..	26386	1394
Rail
Domestic aviation	0	..	..	..	..	..	0	..
Domestic navigation	43	..	..	..	..	..	43	..
Pipeline transport
Transport, n.e.s
Other	4574	..	1753	..	5785	..	12112	1753
Agriculture, forestry, fishing	437	..	..	..	1674	..	2111	..
Commerce, public services	2407	..	738	..	328	..	3472	738
Households	1731	..	*1015	..	3694	..	6440	*1015
Other consumers	0	..	0	..	90	..	90	0
Non-energy use	804	..	..	..	..	..	804	..

Japan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	32430	..	19368	..	99538	601921	101920	459004	111753	1425933	972209
Imports	4852049	79660	6993411	1873833	4096284	13839	..	..	..	17909076	13839
Exports	-51	-22965	..	-767810	..	..	..	..	..	-790827	..
International marine bunkers	..	..	..	-171549	..	..	..	..	..	-171549	..
International aviation bunkers	..	..	..	-267952	..	..	..	..	..	-267952	..
Stock changes	..	88	26903	31668	-132	..	..	..	..	58527	..
Total energy supply	4884427	56782	7039682	698190	4195690	615760	101920	459004	111753	18163207	986048
Statistical difference	82240	12125	26057	145132	-241383	-149	0	8640	1	32663	468346
Transfers	..	..	..	-3257	..	..	..	..	..	-3257	..
Transformation	-4342277	566816	-7001518	6237226	-2897172	*-413298	-101920	3291440	-71670	-4732372	*-384278
Electricity plants	-2765304	-315716	-206172	-598477	-2945943	*-407898	-101920	3295048	-93420	-4139802	*-383649
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	-209	-13013	..	..	-3607	21750	4921	..
Coke ovens	-1218018	1247491	..	-19260	..	-4771	..	..	..	5442	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-358955	-445950	..	..	..	..	..	..	..	-804905	..
NGL plants & gas blending	..	..	..	-49665	61784	-104	..	..	..	12015	-104
Oil refineries	..	..	-6795346	6913942	..	..	..	..	..	118596	..
Other transformation	..	80991	..	-9105	..	*-525	..	..	..	71361	*-525
Energy industries own use	-20509	-120507	-85	-313810	-167557	..	..	-167094	-441	-790002	..
Losses	..	..	..	..	..	..	..	-146113	..	-146113	..
Final consumption	439401	490966	12023	6473218	1372344	*202611	..	3428597	39641	12458800	*133425
Final energy consumption	439401	476832	1061	4853359	1361928	*202611	..	3428597	39641	10803429	*133425
Manufacturing, const., mining	439017	473885	1061	728341	472775	*139218	..	1214453	..	3468749	*99895
Iron and steel	106594	402516	..	61676	98459	1665	..	250441	..	921352	..
Chemical and petrochemical	119207	47511	1061	330117	92423	4964	..	205682	..	800966	..
Non-ferrous metals	2256	7919	..	17007	16318	1382	..	43142	..	88024	..
Non-metallic minerals	132615	12554	..	85138	33908	18780	..	61618	..	344613	..
Transport equipment	77	2918	..	9521	26426	..	..	95047	..	133989	..
Machinery	..	29	..	27332	54831	..	..	189536	..	271728	..
Mining and quarrying	26	292	..	8170	4512	..	..	4313	..	17312	..
Food and tobacco	308	88	..	59768	74752	..	..	93751	..	228666	..
Paper, pulp and printing	77651	29	..	27865	23146	*109280	..	112684	..	350655	*96748
Wood and wood products	..	..	..	3762	5072	..	..	13439	..	22272	..
Textile and leather	282	..	..	9367	8629	..	..	16351	..	34630	..
Construction	..	..	..	58424	2713	..	..	22579	..	83716	..
Industries n.e.s	0	29	0	30194	31586	*3147	..	105869	..	170826	*3147
Transport	51	..	..	2932019	3062	14371	..	63374	..	3012877	14371
Road	..	..	..	2656626	3062	14371	..	..	..	2674058	14371
Rail	51	..	..	7181	..	..	..	63374	..	70607	..
Domestic aviation	..	..	..	138695	..	..	..	..	..	138695	..
Domestic navigation	..	..	..	129517	..	..	..	..	..	129517	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	333	2947	..	1192999	886091	49022	..	2150770	39641	4321804	19159
Agriculture, forestry, fishing	..	..	..	186940	33	..	..	11092	3056	201121	3056
Commerce, public services	333	2947	..	493506	525578	12803	..	1176606	25163	2236936	4957
Households	..	..	..	512554	360480	*826	..	963072	11422	1848354	11146
Other consumers	..	..	..	..	..	35393	..	..	..	35393	..
Non-energy use	..	14133	10962	1619859	10417	..	..	..	..	1655371	..

Japan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	27601	..	18341	..	102544	539881	195048	488898	108246	1480559	894062
Imports	4733680	59299	6871156	1712673	4153994	15715	..	..	..	17546518	15715
Exports	-43	-29926	..	-766810	..	..	..	..	..	-796778	..
International marine bunkers	..	..	..	-180921	..	..	..	..	..	-180921	..
International aviation bunkers	..	..	..	-278447	..	..	..	..	..	-278447	..
Stock changes	..	-2101	65396	9961	1256	..	..	..	..	74511	..
Total energy supply	4761238	27272	6954893	496457	4257794	555596	195048	488898	108246	17845442	909777
Statistical difference	-95560	53999	-5880	145593	-339663	3007	0	-34553	1	-273055	497930
Transfers	..	..	..	-3479	..	..	..	..	..	-3479	..
Transformation	-4420158	638685	-6953705	6257802	-3062914	*-389047	-195048	3293957	-68574	-4899002	*-320335
Electricity plants	-2828897	-274251	-100887	-607992	-3112961	-383541	-195048	3297564	-90324	-4296336	*-319672
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	-209	-13019	..	..	-3607	21750	4915	..
Coke ovens	-1234280	1273405	..	-20622	..	-4843	..	..	..	13660	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-356981	-442632	..	..	..	..	..	..	..	-799613	..
NGL plants & gas blending	..	..	..	-51368	63065	-117	..	..	..	11580	-117
Oil refineries	..	..	-6852818	6947877	..	..	..	..	..	95059	..
Other transformation	..	82163	..	-9885	..	*-546	..	..	..	71732	*-546
Energy industries own use	-12815	-123092	-2327	-281200	-187900	-4055	..	-170600	-441	-782429	-4055
Losses	..	..	..	..	..	..	..	-164351	..	-164351	..
Final consumption	423826	488866	4741	6323986	1346642	*159487	..	3482456	39230	12269235	*87457
Final energy consumption	423801	473925	807	4770052	1336471	*159487	..	3482456	39230	10686229	*87457
Manufacturing, const., mining	423419	470977	807	672926	462446	*94361	..	1240978	..	3365915	*52434
Iron and steel	100611	400153	..	60006	100179	1420	..	251086	..	913455	..
Chemical and petrochemical	116578	47332	807	274474	88943	5273	..	203753	..	737161	..
Non-ferrous metals	2136	7191	..	16421	15672	1421	..	47034	..	89875	..
Non-metallic minerals	129418	12915	..	85952	33728	21261	..	65200	..	348475	..
Transport equipment	76	2947	..	9336	26013	..	..	98572	..	136944	..
Machinery	..	29	..	27208	55086	..	..	197039	..	279362	..
Mining and quarrying	25	292	..	8127	4766	..	..	4302	..	17512	..
Food and tobacco	305	88	..	58393	70562	..	..	96952	..	226299	..
Paper, pulp and printing	73990	..	..	29134	22539	12552	..	112061	..	250275	..
Wood and wood products	..	..	..	3719	5023	..	..	13864	..	22605	..
Textile and leather	280	..	..	12340	8147	..	..	17428	..	38194	..
Construction	..	..	..	58378	2561	..	..	23684	..	84624	..
Industries n.e.s	0	29	0	29439	29227	*52434	..	110005	..	221134	*52434
Transport	51	..	..	2915926	2599	16247	..	63374	..	2998197	16247
Road	..	..	..	2637304	2599	16247	..	..	..	2656150	16247
Rail	51	..	..	7181	..	..	..	63374	..	70606	..
Domestic aviation	..	..	..	140679	..	..	..	..	..	140679	..
Domestic navigation	..	..	..	130762	..	..	..	..	..	130762	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	331	2947	..	1181200	871426	48879	..	2178104	39230	4322117	18776
Agriculture, forestry, fishing	..	..	..	190088	32	..	..	11272	3223	204614	3223
Commerce, public services	331	2947	..	481026	503652	12803	..	1197428	25365	2223552	5159
Households	..	..	..	510086	367743	*854	..	969404	10642	1858729	10394
Other consumers	..	..	..	..	..	35222	..	..	..	35222	..
Non-energy use	25	14941	3934	1553934	10171	..	..	..	..	1583005	..

Jordan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	19	..	3809	3223	..	638	..	7690	3861
Imports	6989	562	145179	134792	69451	192	..	6365	..	363530	192
Exports	-1	..	-523	..	-524	-1
International marine bunkers	-230	..	..	..	..	..	-230	..
International aviation bunkers	-4430	..	..	..	..	..	-4430	..
Stock changes	-3676	-887	..	..	..	..	..	-4563	..
Total energy supply	6989	562	141522	129245	73260	3414	..	6480	..	361472	4052
Statistical difference	0	0	0	-1183	0	0	..	2353	..	1170	638
Transfers
Transformation	-141522	48661	-73260	*-1248	..	67803	..	-99567	*-1248
Electricity plants	-87306	-73260	-90	..	67803	..	-92853	-90
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-141522	135967	..	..	..	..	..	-5555	..
Other transformation	*-1158	..	..	..	*-1158	*-1158
Energy industries own use	*-2072	..	..	..	-2721	..	-4793	..
Losses	-9707	..	-9707	..
Final consumption	6989	562	..	177016	..	*2166	..	59502	..	246235	*2166
Final energy consumption	6989	562	..	171779	..	*2166	..	59502	..	240998	*2166
Manufacturing, const., mining	6989	562	..	19745	..	..	..	13764	..	41060	..
Iron and steel
Chemical and petrochemical	551	..	551	..
Non-ferrous metals
Non-metallic minerals	1775	..	1775	..
Transport equipment
Machinery
Mining and quarrying	1757	..	1757	..
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	6989	562	..	19745	..	..	..	9681	..	36978	..
Transport	117674	..	..	..	..	..	117674	..
Road	108988	..	..	..	..	..	108988	..
Rail
Domestic aviation	8633	..	..	..	..	..	8633	..
Domestic navigation
Pipeline transport
Transport, n.e.s	53	..	..	..	..	..	53	..
Other	34361	..	*2166	..	45739	..	82265	*2166
Agriculture, forestry, fishing	9773	..	9773	..
Commerce, public services	5134	..	..	..	9947	..	15081	..
Households	22975	..	*625	..	26019	..	49619	*625
Other consumers	6252	..	*1540	..	..	..	7792	*1540
Non-energy use	*5237	..	..	..	..	..	*5237	..

Jordan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	19	..	3249	3297	..	3323	..	9888	6620
Imports	8710	787	124828	100173	150372	367	..	3519	..	388756	367
Exports	-25910	-4	..	-480	..	-26394	-4
International marine bunkers	-3515	..	..	..	..	..	-3515	..
International aviation bunkers	-3856	..	..	..	..	..	-3856	..
Stock changes	-986	-1394	..	..	..	..	..	-2380	..
Total energy supply	8710	787	123861	91408	127710	3661	..	6362	..	362499	6983
Statistical difference	0	0	0	1946	-1	0	..	716	..	2661	3323
Transfers
Transformation	-123861	102436	-127711	*-1284	..	67706	..	-82715	*-1284
Electricity plants	-16043	-127711	-100	..	67706	..	-76149	-100
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-123861	118478	..	..	..	..	..	-5383	..
Other transformation	*-1184	..	..	..	*-1184	*-1184
Energy industries own use	*-1930	..	..	..	-3174	..	-5104	..
Losses	-9683	..	-9683	..
Final consumption	8710	787	..	189968	..	*2377	..	60494	..	262335	*2377
Final energy consumption	8710	787	..	182620	..	*2377	..	60494	..	254987	*2377
Manufacturing, const., mining	8710	787	..	18148	..	..	..	14666	..	42311	..
Iron and steel
Chemical and petrochemical	486	..	486	..
Non-ferrous metals
Non-metallic minerals	1804	..	1804	..
Transport equipment
Machinery
Mining and quarrying	1454	..	1454	..
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	8710	787	..	18148	..	..	..	10922	..	38567	..
Transport	128302	..	..	..	..	..	128302	..
Road	115478	..	..	..	..	..	115478	..
Rail
Domestic aviation	*12729	..	..	..	..	..	*12729	..
Domestic navigation
Pipeline transport
Transport, n.e.s	96	..	..	..	..	..	96	..
Other	36169	..	*2377	..	45828	..	84374	*2377
Agriculture, forestry, fishing	8946	..	8946	..
Commerce, public services	5757	..	..	..	10069	..	15826	..
Households	23003	..	*636	..	26813	..	50452	*636
Other consumers	7410	..	*1741	..	..	..	9150	*1741
Non-energy use	*7348	..	..	..	..	..	*7348	..

Kazakhstan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	1972394	..	3385610	..	1396681	2202	..	34013	..	6790899	36214
Imports	260	24443	2157	71895	204667	367	..	5825	..	309615	367
Exports	-570880	-417	*-2660895	-187863	-446215	-3	..	-5810	..	*-3872082	-3
International marine bunkers	..	..	..	0	..	..	..	..	..	0	..
International aviation bunkers	..	..	..	-13495	..	..	..	..	..	-13495	..
Stock changes	8953	-1080	24619	20926	-5529	..	..	..	..	47889	..
Total energy supply	1410727	22945	751491	-108536	1149605	2566	..	34027	..	3262825	36579
Statistical difference	126	126	5795	8473	10427	0	..	-1141	-15844	7961	34013
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-946074	50027	*-672855	608459	-203259	*-13	..	349272	408147	-406296	*-13
Electricity plants	..	..	..	..	..	..	..	..	..	..	..
CHP plants	-784233	..	..	-18463	-203259	..	..	349272	408147	-248536	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-161841	82467	..	..	..	..	..	..	..	-79374	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-32440	..	..	..	..	..	..	..	-32440	..
NGL plants & gas blending	..	..	-54852	58699	..	..	..	..	..	3847	..
Oil refineries	..	..	*-618003	568222	..	..	..	..	..	*-49781	..
Other transformation	..	..	..	..	..	*-13	..	..	..	*-13	*-13
Energy industries own use	-4849	-15917	-37562	-10397	-780030	..	..	-120276	-127088	-1096118	..
Losses	-147050	..	-14636	-977	-22468	..	..	-18652	-29173	-232955	..
Final consumption	312628	56929	20642	480077	133422	*2553	..	245513	267730	1519495	*2553
Final energy consumption	312628	56929	20642	455475	121048	*2553	..	245513	267730	1482518	*2553
Manufacturing, const., mining	193672	56929	20642	122482	74791	..	..	162396	79233	710146	..
Iron and steel	96435	56789	..	20415	12691	..	..	38016	50606	274952	..
Chemical and petrochemical	1088	..	..	1445	14303	..	..	10361	5577	32774	..
Non-ferrous metals	41956	..	..	12326	7620	..	..	29344	504	91750	..
Non-metallic minerals	528	..	..	2855	..	..	..	6365	..	9748	..
Transport equipment	74	..	..	86	266	..	..	191	539	1156	..
Machinery	892	..	..	904	539	..	..	767	1502	4603	..
Mining and quarrying	19057	..	..	943	26506	..	..	20642	6142	73290	..
Food and tobacco	2025	..	..	2593	10327	..	..	4741	5354	25040	..
Paper, pulp and printing	0	..	..	81	714	..	..	223	650	1668	..
Wood and wood products	0	..	..	43	29	..	..	126	168	366	..
Textile and leather	56	..	..	86	283	..	..	342	60	826	..
Construction	1505	..	..	60134	1515	..	..	2027	1608	66788	..
Industries n.e.s	30055	140	20642	20572	0	..	..	49252	6523	127184	..
Transport	1524	..	..	196432	..	..	..	12863	..	210818	..
Road	..	..	..	190931	..	..	..	403	..	191334	..
Rail	0	..	..	3655	..	..	..	2707	..	6362	..
Domestic aviation	..	..	..	1459	..	..	..	..	..	1459	..
Domestic navigation	..	..	..	387	..	..	..	..	..	387	..
Pipeline transport	..	..	..	..	..	..	..	1721	..	1721	..
Transport, n.e.s	1524	..	..	..	..	..	..	8032	..	9555	..
Other	117433	..	..	136561	46257	*2553	..	70254	188497	561555	*2553
Agriculture, forestry, fishing	4757	..	..	18735	944	..	..	2880	3442	30758	..
Commerce, public services	31826	..	..	28909	32223	..	..	23933	58827	175717	..
Households	80850	..	..	84394	13091	*1676	..	43441	86233	309686	*1676
Other consumers	0	..	..	4523	..	*876	..	..	39995	45394	*876
Non-energy use	..	..	..	24602	12374	..	..	..	..	36977	..

Kazakhstan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	1892644	..	3331108	..	1467795	2202	..	43137	..	6736884	45338
Imports	456	20968	1003	78070	240908	388	..	4747	..	346541	388
Exports	-474319	-796	*-2599828	-173305	-519746	-3	..	-9258	..	*-3777254	-3
International marine bunkers	..	..	..	-43	..	..	..	..	..	-43	..
International aviation bunkers	..	..	..	*-14553	..	..	..	..	..	*-14553	..
Stock changes	37967	495	-29049	19794	13877	..	..	..	..	43084	..
Total energy supply	1456747	20667	703234	-90037	1202835	2586	..	38626	..	3334658	45723
Statistical difference	34	-5	-42808	-24634	59330	0	..	-2	207	-7878	43137
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-980845	51071	*-649090	583819	-231892	*-25	..	340718	351875	-534369	*-25
Electricity plants	..	..	..	..	..	..	..	..	..	..	..
CHP plants	-812705	..	..	-23028	-231892	..	..	340718	351875	-375032	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-168139	89149	..	..	..	..	..	..	..	-78990	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	*-38078	..	..	..	..	..	..	..	*-38078	..
NGL plants & gas blending	..	..	-56001	*59929	..	..	..	..	..	*3928	..
Oil refineries	..	..	*-593088	546918	..	..	..	..	..	*-46171	..
Other transformation	..	..	..	..	..	*-25	..	..	..	*-25	*-25
Energy industries own use	-10114	*-16909	-66749	*-14181	-752495	..	..	-122884	-80177	-1063508	..
Losses	-104407	..	-15397	-904	-20399	..	..	-19230	-31795	-192131	..
Final consumption	361348	*54834	14805	*503332	138720	*2561	..	*237232	*239697	*1552528	*2561
Final energy consumption	361348	*54834	14805	*480265	120845	*2561	..	*237232	*239697	*1511586	*2561
Manufacturing, const., mining	296950	*54834	14805	*145377	69179	..	..	*159278	*68682	*809106	..
Iron and steel	63751	*54643	..	*18226	12851	..	..	*45738	*30524	*225734	..
Chemical and petrochemical	847	..	..	*1314	17875	..	..	*8327	*6202	34565	..
Non-ferrous metals	29525	..	..	*14755	7708	..	..	*31586	*315	*83889	..
Non-metallic minerals	*88	..	..	*2395	..	..	..	*5195	..	*7678	..
Transport equipment	74	..	..	*86	279	..	..	*162	*500	*1101	..
Machinery	1171	..	..	*390	622	..	..	*1073	*1559	*4815	..
Mining and quarrying	23449	..	..	*19625	18375	..	..	*18436	*11185	*91070	..
Food and tobacco	1445	..	..	*2644	8978	..	..	*4993	*6948	*25008	..
Paper, pulp and printing	0	..	..	*210	741	..	..	*238	*759	*1947	..
Wood and wood products	19	..	..	*43	39	..	..	*112	*119	*331	..
Textile and leather	37	..	..	*86	310	..	..	*464	324	1221	..
Construction	1152	..	..	80966	1402	..	..	*1638	1324	86482	..
Industries n.e.s	175392	*190	14805	*4637	0	..	..	*41317	*8923	*245265	..
Transport	0	..	..	*216305	..	..	..	*11682	..	*227987	..
Road	..	..	..	*204430	..	..	..	*410	..	*204841	..
Rail	0	..	..	*8643	..	..	..	*2956	..	*11599	..
Domestic aviation	..	..	..	*2974	..	..	..	..	..	*2974	..
Domestic navigation	..	..	..	258	..	..	..	..	..	258	..
Pipeline transport	..	..	..	..	..	..	..	*1577	..	*1577	..
Transport, n.e.s	0	..	..	..	..	..	..	*6739	..	*6739	..
Other	64398	..	..	118583	51665	*2561	..	66271	*171015	474493	*2561
Agriculture, forestry, fishing	4515	..	..	19486	1045	..	..	2259	3262	30567	..
Commerce, public services	23073	..	..	13881	38744	..	..	*20077	*72859	*168634	..
Households	36810	..	..	79338	11876	*1712	..	43935	*44602	218274	*1712
Other consumers	0	..	..	*5878	..	849	..	..	*50292	*57019	849
Non-energy use	..	..	..	*23067	17875	..	..	..	..	*40942	..

Kenya

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	585403	..	*12714	162745	760863	760863
Imports	12848	..	0	420912	..	..	..	212	..	433972	..
Exports	0	-232130	..	..	..	-165	..	-232294	..
International marine bunkers	-158	..	..	..	..	..	-158	..
International aviation bunkers	-13261	..	..	..	..	..	-13261	..
Stock changes	0	3607	..	..	..	..	..	3607	..
Total energy supply	12848	..	0	178971	..	585403	..	*12762	162745	952730	760863
Statistical difference	0	..	0	389	..	0	..	384	0	772	28989
Transfers
Transformation	0	-11486	..	-175016	..	21538	-162745	-327709	-321487
Electricity plants	-11486	..	-16800	..	21358	-162745	-169673	-163271
CHP plants	*180	..	*180	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	0	0	..	..	..	..	..	0	..
Other transformation	-158216	..	..	..	-158216	-158216
Energy industries own use	-1087	..	..	..	-172	..	-1259	..
Losses	-5909	..	-5909	..
Final consumption	12848	..	..	166010	..	410387	..	27834	..	617080	410387
Final energy consumption	12848	..	..	163984	..	410387	..	27834	..	615054	410387
Manufacturing, const., mining	12848	..	..	13506	..	15393	..	15934	..	57681	15393
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	12848	..	..	..	..	..	..	..	..	12848	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	1199	..	1199	..
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	13506	..	15393	..	14735	..	43634	15393
Transport	126458	..	..	..	..	..	126458	..
Road	124251	..	..	..	..	..	124251	..
Rail	1609	..	..	..	..	..	1609	..
Domestic aviation	598	..	..	..	..	..	598	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	24020	..	394994	..	11901	..	430915	394994
Agriculture, forestry, fishing	1114	..	..	..	..	..	1114	..
Commerce, public services	4473	..	4473	..
Households	22825	..	279107	..	7025	..	308957	279107
Other consumers	80	..	*115887	..	403	..	*116370	*115887
Non-energy use	2026	..	..	..	..	..	2026	..

Kenya

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	559903	..	14459	161431	735793	735793
Imports	12668	..	0	296849	..	..	..	311	..	309828	..
Exports	0	-76382	..	..	..	-141	..	-76523	..
International marine bunkers	0	..	..	..	..	..	0	..
International aviation bunkers	-31073	..	..	..	..	..	-31073	..
Stock changes	0	0	..	..	..	..	..	0	..
Total energy supply	12668	..	0	189394	..	559903	..	14629	161431	938025	735793
Statistical difference	0	..	0	-927	..	0	..	-1234	0	-2161	30602
Transfers
Transformation	0	-7747	..	-210941	..	21438	-161431	-358681	-356229
Electricity plants	-7747	..	-15460	..	21258	-161431	-163380	-160748
CHP plants	180	..	180	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	0	0	..	..	..	..	..	0	..
Other transformation	-195481	..	..	..	-195481	-195481
Energy industries own use	0	..	..	..	-180	..	-180	..
Losses	-7075	..	-7075	..
Final consumption	12668	..	..	182574	..	*348962	..	30046	..	*574250	*348962
Final energy consumption	12668	..	..	180600	..	*348962	..	30046	..	*572276	*348962
Manufacturing, const., mining	12668	..	..	14227	..	14616	..	18925	..	60435	14616
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	12668	..	..	..	..	..	..	..	..	12668	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	1145	..	1145	..
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	14227	..	14616	..	17780	..	46623	14616
Transport	140923	..	..	..	..	..	140923	..
Road	138653	..	..	..	..	..	138653	..
Rail	2098	..	..	..	..	..	2098	..
Domestic aviation	172	..	..	..	..	..	172	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	25449	..	*334347	..	11121	..	*370917	*334347
Agriculture, forestry, fishing	1488	..	..	..	..	..	1488	..
Commerce, public services	3658	..	3658	..
Households	23767	..	217364	..	7225	..	248356	217364
Other consumers	194	..	*116983	..	238	..	*117415	*116983
Non-energy use	1974	..	..	..	..	..	1974	..

Kiribati

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	*529	..	*7	*536	*536
Imports	..	*854	..	1	..	..	*855	1
Exports
International marine bunkers
International aviation bunkers	..	-21	..	..	..	..	-21	..
Stock changes
Total energy supply	..	*834	..	*530	..	*7	*1371	*537
Statistical Difference	..	*21	..	0	0	*11	*32	*7
Transfers
Transformation	..	*-292	..	*-21	11	*92	*-210	*-10
Electricity plants	..	*-292	..	..	..	*92	*-201	..
Charcoal plants	*-21	11	..	*-10	*-10
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-3	*-3	..
Losses	*-14	*-14	..
Final consumption	..	*520	..	*509	*11	*71	*1111	*521
Final energy consumption	..	*514	..	*509	*11	*71	*1105	*521
Manufacturing, const., mining	..	*4	..	..	..	*7	*12	..
Transport	..	*325	..	..	..	..	*325	..
Road	..	*256	..	..	..	..	*256	..
Domestic aviation	..	*26	..	..	..	..	*26	..
Domestic navigation	..	*43	..	..	..	..	*43	..
Other transport
Other	..	*185	..	*509	*11	*63	*769	*521
Agriculture, forestry, fishing	..	*75	..	..	..	..	*75	..
Commerce and public services	..	*25	..	..	..	*36	*61	..
Households	..	*85	..	*509	*11	*25	*631	*521
Other consumers	*2	*2	..
Non-energy use	..	*6	..	..	..	..	*6	..
2016								
Primary production	*532	..	*18	*550	*550
Imports	..	*915	..	1	..	..	*917	1
Exports
International marine bunkers
International aviation bunkers	..	*-21	..	..	..	..	*-21	..
Stock changes
Total energy supply	..	*895	..	*533	..	*18	*1445	*551
Statistical Difference	..	*17	..	0	0	*3	*20	*18
Transfers
Transformation	..	*-301	..	*-22	12	*94	*-217	*-10
Electricity plants	..	*-301	..	..	..	*94	*-207	..
Charcoal plants	*-22	12	..	*-10	*-10
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-5	*-5	..
Losses	*-16	*-16	..
Final consumption	..	*576	..	*511	*12	*88	*1187	*522
Final energy consumption	..	*570	..	*511	*12	*88	*1181	*522
Manufacturing, const., mining	..	*9	..	..	..	*9	*18	..
Transport	..	*373	..	..	..	..	*373	..
Road	..	*291	..	..	..	..	*291	..
Domestic aviation	..	*26	..	..	..	..	*26	..
Domestic navigation	..	*56	..	..	..	..	*56	..
Other transport
Other	..	*188	..	*511	*12	*79	*790	*522
Agriculture, forestry, fishing	..	*84	..	..	..	..	*84	..
Commerce and public services	..	*26	..	..	..	*43	*69	..
Households	..	*78	..	*511	*12	*32	*633	*522
Other consumers	*4	*4	..
Non-energy use	..	*6	..	..	..	..	*6	..

Korea, Dem.Ppl's.Rep.

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	706329	..	..	..	..	46163	..	36000	..	788492	82163
Imports	24590	4991	22504	18037	..	..	..	..	..	70122	..
Exports	-526687	..	..	..	..	..	..	..	..	-526687	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	204232	4991	22504	18037	..	46163	..	36000	..	331927	82163
Statistical difference	-522	28	0	0	..	0	..	0	..	-494	36000
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-26684	-2574	-22504	7417	..	-9536	..	13453	..	-40427	-9536
Electricity plants	-26684	..	..	-14706	..	..	..	13453	..	-27937	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-2574	..	..	..	..	..	..	..	-2574	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-22504	22123	..	..	..	..	..	-381	..
Other transformation	..	..	..	..	..	-9536	..	..	..	-9536	-9536
Energy industries own use	..	..	..	-646	..	..	..	-4691	..	-5337	..
Losses	..	..	..	..	..	..	..	-7819	..	-7819	..
Final consumption	178070	2389	..	24808	..	36628	..	36943	..	278838	36628
Final energy consumption	178070	2389	..	24808	..	36628	..	36943	..	278838	36628
Manufacturing, const., mining	134814	2389	..	3757	..	..	..	18472	..	159432	..
Iron and steel	..	2389	..	..	..	..	..	..	..	2389	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	134814	0	..	3757	..	..	..	18472	..	157043	..
Transport	..	..	..	19386	..	..	..	..	..	19386	..
Road	..	..	..	19386	..	..	..	..	..	19386	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	43256	..	..	1664	..	36628	..	18472	..	100020	36628
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..	..	..	..
Commerce, public services	..	..	..	..	..	..	..	..	..	..	..
Households	..	..	..	1664	..	4809	..	..	..	6473	4809
Other consumers	43256	..	..	..	..	31819	..	18472	..	93547	31819
Non-energy use	..	..	..	..	..	..	..	..	..	..	..

Korea, Dem.Ppl's.Rep.

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	798982	..	..	..	..	46381	..	46080	..	891443	92461
Imports	32003	5640	22504	20899	..	..	..	..	..	81045	..
Exports	-598890	..	..	..	..	..	..	..	..	-598890	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	232095	5640	22504	20899	..	46381	..	46080	..	373598	92461
Statistical difference	-668	56	0	0	..	0	..	0	..	-612	46080
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-30149	-2900	-22504	5074	..	-9594	..	14854	..	-45219	-9594
Electricity plants	-30149	..	..	-17049	..	..	..	14854	..	-32344	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-2900	..	..	..	..	..	..	..	-2900	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-22504	22123	..	..	..	..	..	-381	..
Other transformation	..	..	..	..	..	-9594	..	..	..	-9594	-9594
Energy industries own use	..	..	..	-646	..	..	..	-5778	..	-6424	..
Losses	..	..	..	..	..	..	..	-9634	..	-9634	..
Final consumption	202614	2684	..	25326	..	36787	..	45522	..	312933	36787
Final energy consumption	202614	2684	..	25326	..	36787	..	45522	..	312933	36787
Manufacturing, const., mining	153726	2684	..	3757	..	..	..	22763	..	182930	..
Iron and steel	..	2684	..	..	..	..	..	..	..	2684	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	153726	0	..	3757	..	..	..	22763	..	180246	..
Transport	..	..	..	19905	..	..	..	..	..	19905	..
Road	..	..	..	19905	..	..	..	..	..	19905	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	48888	..	..	1664	..	36787	..	22759	..	110099	36787
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..	..	..	..
Commerce, public services	..	..	..	..	..	..	..	..	..	..	..
Households	..	..	..	1664	..	4838	..	..	..	6502	4838
Other consumers	48888	..	..	..	..	31949	..	22759	..	103596	31949
Non-energy use	..	..	..	..	..	..	..	..	..	..	..

Korea, Republic of

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	32865	..	19937	..	7069	239714	1779430	28652	9514	2117181	166158
Imports	3385490	11238	5871537	1608087	1630499	368	..	..	..	12507219	368
Exports	..	..	-180	-2631792	..	..	..	..	..	-2631972	..
International marine bunkers	..	..	..	-377760	..	..	..	..	..	-377760	..
International aviation bunkers	..	..	..	-182839	..	..	..	..	..	-182839	..
Stock changes	-33126	..	-54445	9846	9800	589	..	..	..	-67336	589
Total energy supply	3385230	11238	5836850	-1574459	1647367	240671	1779430	28652	9514	11364493	167114
Statistical difference	-6730	-67	-16840	-72957	-16643	956	0	-2246	14837	-99691	29609
Transfers	..	..	-21450	41425	..	..	..	..	..	19975	..
Transformation	-3181241	376654	-5832197	5596945	-802705	-54134	-1779430	1947917	200927	-3527264	-36063
Electricity plants	-2047995	-87549	..	-85710	-577736	-24141	-1779430	1770955	-1364	-2832970	-21150
CHP plants	-204038	-94830	..	-84108	-223038	-10141	..	176962	180532	-258661	-7398
Heat plants	..	..	..	-4646	-1931	-19852	..	..	21759	-4670	-7516
Coke ovens	-680161	671585	..	..	..	..	..	..	..	-8576	..
Briquetting plants	-37414	27443	..	..	..	..	..	..	..	-9971	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-211633	-168007	..	..	..	..	..	..	..	-379640	..
NGL plants & gas blending	..	..	..	-3595	..	..	..	..	..	-3595	..
Oil refineries	..	..	-5832197	5788047	..	..	..	..	..	-44150	..
Other transformation	..	28011	..	-13043	..	..	..	..	..	14968	..
Energy industries own use	..	-134536	-42	-301227	-2862	..	..	-130972	-3550	-573189	..
Losses	..	..	..	..	..	..	..	-64724	-2492	-67216	..
Final consumption	210718	253423	..	3835641	858443	185581	..	1783120	189562	7316489	*101442
Final energy consumption	210718	235923	..	1825931	858443	185581	..	1783120	189562	5289279	*101442
Manufacturing, const., mining	210718	208479	..	140842	310382	105178	..	944528	107846	2027974	27058
Iron and steel	68351	197242	..	4152	63982	291	..	195473	191	529681	..
Chemical and petrochemical	4801	..	..	21332	60507	11736	..	176317	69134	343827	*837
Non-ferrous metals	..	..	..	1154	13296	..	..	30384	2	44835	..
Non-metallic minerals	118110	..	..	20889	21750	35296	..	44305	97	240447	*167
Transport equipment	..	..	..	8867	26137	*133	..	87448	273	122858	*133
Machinery	..	..	..	3266	39434	*52	..	268542	129	311424	*52
Mining and quarrying	..	..	..	2641	..	7	..	5872	..	8519	*1
Food and tobacco	1346	..	..	3179	26979	*4585	..	37879	4400	78369	*4144
Paper, pulp and printing	1727	..	..	1127	8697	25659	..	35809	9384	82403	*10531
Wood and wood products	..	..	..	207	2196	*6988	..	7002	355	16748	*6722
Textile and leather	2489	..	..	3520	13302	2783	..	43236	15298	80628	*799
Construction	..	..	..	34716	332	1115	..	..	..	36163	470
Industries n.e.s	13894	11238	..	35792	33770	16533	..	12262	8583	132071	3204
Transport	..	..	..	1348036	48737	15198	..	7981	..	1419952	15198
Road	..	..	..	1283037	48737	15198	..	..	..	1346972	15198
Rail	..	..	..	4773	..	..	..	7981	..	12754	..
Domestic aviation	..	..	..	50973	..	..	..	..	..	50973	..
Domestic navigation	..	..	..	9126	..	..	..	..	..	9126	..
Pipeline transport	..	..	..	83	..	..	..	..	..	83	..
Transport, n.e.s	..	..	..	44	..	..	..	..	..	44	..
Other	..	27443	..	337054	499325	*65205	..	830610	81716	1841353	*59186
Agriculture, forestry, fishing	..	..	..	54371	107	*2742	..	52722	942	110884	*3666
Commerce, public services	..	..	..	98018	157099	*58032	..	548201	14447	875796	*49646
Households	..	27443	..	128342	342119	*4431	..	229687	66327	798350	*5874
Other consumers	..	..	..	56323	..	..	..	..	..	56323	..
Non-energy use	..	17500	..	2009710	..	..	..	..	..	2027210	..

Korea, Republic of

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	32157	..	20855	..	5797	262013	1749546	36536	10137	2117041	177489
Imports	3396833	9822	6159155	1739849	1658293	..	..	..	..	12963953	..
Exports	..	..	-60	-2694416	..	..	..	..	..	-2694476	..
International marine bunkers	..	..	..	-422321	..	..	..	..	..	-422321	..
International aviation bunkers	..	..	..	-204271	..	..	..	..	..	-204271	..
Stock changes	-23792	..	-40178	149	65610	..	..	..	..	1789	..
Total energy supply	3405198	9822	6139772	-1581010	1729700	262013	1749546	36536	10137	11761715	177489
Statistical difference	11757	4852	-33190	-24184	-35705	1	0	-47696	14632	-109533	36537
Transfers	..	..	-21780	40843	..	..	..	..	..	19063	..
Transformation	-3164709	313671	-6151181	5831022	-860314	-87316	-1749546	1975201	218127	-3675044	*-64211
Electricity plants	-2014070	-87041	..	-118606	-600673	*-53269	-1749546	1764619	-1497	-2860082	*-50109
CHP plants	-233274	-92536	..	-69662	-256890	-11461	..	210582	197318	-255923	*-7942
Heat plants	..	..	..	-7030	-2751	-22586	..	..	22306	-10061	-6160
Coke ovens	-693377	626072	..	..	..	..	..	..	..	-67305	..
Briquetting plants	-31842	23382	..	..	..	..	..	..	..	-8460	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-192145	-184919	..	..	..	..	..	..	..	-377064	..
NGL plants & gas blending	..	..	..	-4399	..	..	..	..	..	-4399	..
Oil refineries	..	..	-6151181	6047275	..	..	..	..	..	-103906	..
Other transformation	..	28713	..	-16557	..	..	..	..	..	12156	..
Energy industries own use	..	-132860	..	-318292	-3604	..	..	-130748	-3707	-589211	..
Losses	..	..	..	..	..	..	..	-66510	-2638	-69148	..
Final consumption	228732	185781	..	3996747	901488	174696	..	1862176	207287	7556907	76741
Final energy consumption	228732	167637	..	1875510	901488	174696	..	1862176	207287	5417526	76741
Manufacturing, const., mining	228732	144255	..	147134	314375	117550	..	955379	117496	2024920	*25924
Iron and steel	59574	134433	..	3165	62262	343	..	185756	208	445742	..
Chemical and petrochemical	3628	..	..	20851	45837	14257	..	172483	75330	332386	*436
Non-ferrous metals	..	..	..	1262	11849	..	..	32540	2	45654	..
Non-metallic minerals	115470	..	..	22585	22323	28269	..	46343	106	235095	*102
Transport equipment	..	..	..	9572	26151	*109	..	88718	297	124847	*109
Machinery	..	..	..	3649	40027	*4	..	282866	141	326687	*4
Mining and quarrying	..	..	..	1989	..	*3	..	6563	..	8554	*3
Food and tobacco	990	..	..	3169	28315	2859	..	41152	4794	81278	*1558
Paper, pulp and printing	1040	..	..	1369	10142	28497	..	37465	10225	88739	*12866
Wood and wood products	..	..	..	167	1105	6450	..	7175	387	15284	6159
Textile and leather	2030	..	..	3199	12426	3867	..	42750	16669	80941	*1088
Construction	..	..	..	36096	276	1067	..	..	..	37439	391
Industries n.e.s	46000	9822	..	40061	53661	31825	..	11567	9337	202273	*3208
Transport	..	..	..	1386140	50284	17995	..	9680	..	1464100	17995
Road	..	..	..	1311529	50284	17995	..	..	..	1379808	17995
Rail	..	..	..	4171	..	..	..	9680	..	13851	..
Domestic aviation	..	..	..	51369	..	..	..	..	..	51369	..
Domestic navigation	..	..	..	18985	..	..	..	..	..	18985	..
Pipeline transport	..	..	..	86	..	..	..	..	..	86	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	23382	..	342236	536829	39151	..	897116	89791	1928506	32822
Agriculture, forestry, fishing	..	..	..	51670	116	*2669	..	57607	1025	113088	*3682
Commerce, public services	..	..	..	98464	165931	30605	..	591919	16211	903130	21627
Households	..	23382	..	149515	370782	*5877	..	247590	72555	869701	*7514
Other consumers	..	..	..	42588	..	..	..	..	..	42588	..
Non-energy use	..	18144	..	2121237	..	..	..	..	..	2139381	..

Kuwait

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	6425330	..	578288	181	..	..	..	7003798	181
Imports	136458	936	..	..	..	137394	936
Exports	-4214645	-1474481	..	-41	..	..	..	-5689167	-41
International marine bunkers	-50439	..	..	..	..	..	-50439	..
International aviation bunkers	-31973	..	..	..	..	..	-31973	..
Stock changes	46946	..	..	..	..	..	46946	..
Total energy supply	2210685	-1509947	714746	1075	..	..	..	1416559	1075
Statistical difference	-38155	-76593	0	0	..	1332	..	-113415	0
Transfers
Transformation	-2248839	1813804	-254413	*-75	..	245837	..	-443686	*-75
Electricity plants	-109684	-309676	-254413	..	..	245837	..	-427936	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-295256	314223	..	..	..	..	..	18967	..
Oil refineries	-1843899	1809258	..	..	..	..	..	-34642	..
Other transformation	*-75	..	..	..	*-75	*-75
Energy industries own use	-19850	-224963	..	..	-53615	..	-298427	..
Losses	-35024	..	-35024	..
Final consumption	360600	235370	*1000	..	155866	..	752836	*1000
Final energy consumption	244203	235370	*1000	..	155866	..	636439	*1000
Manufacturing, const., mining	35991	235370	..	..	..	..	271361	..
Iron and steel
Chemical and petrochemical	102611	..	..	..	..	102611	..
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	35991	132759	..	..	..	..	168750	..
Transport	196119	..	..	..	..	..	196119	..
Road	196119	..	..	..	..	..	196119	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	12093	..	*1000	..	155866	..	168959	*1000
Agriculture, forestry, fishing
Commerce, public services	55310	..	55310	..
Households	12093	..	*1000	..	100555	..	113649	*1000
Other consumers
Non-energy use	116396	..	..	..	..	..	116396	..

Kuwait

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	6692297	..	591352	183	..	7	..	7283839	190
Imports	169632	1282	..	..	..	170914	1282
Exports	-4563282	-1326583	..	-30	..	..	..	-5889895	-30
International marine bunkers	-45124	..	..	..	..	..	-45124	..
International aviation bunkers	-40087	..	..	..	..	..	-40087	..
Stock changes	30051	..	..	..	..	..	30051	..
Total energy supply	2129016	-1381742	760984	1435	..	7	..	1509700	1442
Statistical difference	-43527	-27954	0	0	..	0	..	-71481	7
Transfers
Transformation	-2172542	1732182	-260160	*-75	..	252331	..	-448264	*-75
Electricity plants	-109684	-271608	-260160	..	..	252331	..	-389121	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-357534	380868	..	..	..	..	..	23334	..
Oil refineries	-1705325	1622922	..	..	..	..	..	-82403	..
Other transformation	*-75	..	..	..	*-75	*-75
Energy industries own use	-18365	-230045	..	..	-58370	..	-306780	..
Losses	-29408	..	-29408	..
Final consumption	360030	270779	*1360	..	164560	..	796728	*1360
Final energy consumption	244920	270779	*1360	..	164560	..	681618	*1360
Manufacturing, const., mining	32938	270779	..	..	..	..	303717	..
Iron and steel
Chemical and petrochemical	109249	..	..	..	..	109249	..
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	32938	161529	..	..	..	..	194467	..
Transport	198487	..	..	..	..	..	198487	..
Road	198487	..	..	..	..	..	198487	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	13495	..	*1360	..	164560	..	179415	*1360
Agriculture, forestry, fishing
Commerce, public services	53096	..	53096	..
Households	13495	..	*1360	..	111463	..	126318	*1360
Other consumers
Non-energy use	115110	..	..	..	..	..	115110	..

Kyrgyzstan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	29622	..	4526	..	1039	130	..	39960	..	75277	40090
Imports	28479	..	9475	68848	8570	..	..	2624	..	117996	..
Exports	-4364	..	0	-4549	..	..	..	-662	..	-9576	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-4561	..	..	..	..	..	-4561	..
Stock changes	-6507	..	-338	-5057	..	..	..	..	..	-11902	..
Total energy supply	47230	..	13663	54681	9608	130	..	41922	..	167234	40090
Statistical difference	176	0	0	40	0	9	..	0	50	275	39969
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-26331	0	-13663	12266	-3926	..	..	6948	16745	-7961	..
Electricity plants	-304	..	..	..	..	..	..	86	..	-217	..
CHP plants	-23806	..	..	-646	-2177	..	..	6862	13163	-6605	..
Heat plants	-2221	..	..	-485	-1749	..	..	..	3582	-873	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	0	..	..	..	..	..	..	..	0	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-13663	13612	..	..	..	..	..	-51	..
Other transformation	..	..	..	-215	..	..	..	..	..	-215	..
Energy industries own use	0	..	..	-688	-133	..	..	-1152	-3681	-5654	..
Losses	-50	..	..	-142	-610	..	..	-9605	-1149	-11555	..
Final consumption	20674	..	..	66077	4939	121	..	38113	11865	141789	121
Final energy consumption	20383	..	..	65514	4939	121	..	38113	11865	140936	121
Manufacturing, const., mining	9044	..	..	12367	818	..	..	8482	602	31312	..
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	41	..	..	0	0	..	..	115	2	158	..
Non-ferrous metals	0	..	..	0	..	..	..	1361	0	1361	..
Non-metallic minerals	8823	..	..	43	11	..	..	1516	108	10501	..
Transport equipment	..	..	..	..	..	..	..	0	..	0	..
Machinery	..	..	..	189	506	..	..	180	94	969	..
Mining and quarrying	..	..	..	129	0	..	..	148	0	277	..
Food and tobacco	140	..	..	283	270	..	..	1087	315	2095	..
Paper, pulp and printing	..	..	..	..	..	..	..	0	0	0	..
Wood and wood products	..	..	..	..	0	..	..	130	0	130	..
Textile and leather	0	..	..	43	0	..	..	94	81	218	..
Construction	..	..	..	2226	0	..	..	1116	2	3344	..
Industries n.e.s	41	..	..	9454	32	..	..	2736	0	12262	..
Transport	..	..	..	38394	0	..	..	626	..	39020	..
Road	..	..	..	38263	0	..	..	115	..	38378	..
Rail	..	..	..	43	..	..	..	472	..	515	..
Domestic aviation	..	..	..	88	..	..	..	..	..	88	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	40	..	40	..
Other	11340	..	..	14754	4121	121	..	29005	11263	70603	121
Agriculture, forestry, fishing	90	..	..	4123	98	..	..	810	12	5133	..
Commerce, public services	..	..	..	957	..	..	..	3024	4999	8980	..
Households	8794	..	..	9062	3567	102	..	24894	6110	52529	102
Other consumers	2456	..	..	611	456	19	..	277	142	3962	19
Non-energy use	290	..	..	563	0	..	..	..	..	853	..

Kyrgyzstan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	28098	..	6134	..	939	43	..	41378	..	76592	41421
Imports	16608	..	10575	58216	9078	..	..	1192	..	95669	..
Exports	-5979	..	-296	-2816	..	..	..	-716	..	-9807	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-4542	..	..	..	..	..	-4542	..
Stock changes	-1086	..	-42	5021	..	..	..	..	..	3892	..
Total energy supply	37641	..	16370	55879	10017	43	..	41854	..	161804	41421
Statistical difference	-121	0	0	0	72	0	..	464	-3461	-3046	41378
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-16454	0	-16370	15544	-4343	..	..	6365	9904	-5354	..
Electricity plants	-345	..	..	..	..	..	..	94	..	-251	..
CHP plants	-15966	..	..	-364	-2439	..	..	6271	8075	-4423	..
Heat plants	-143	..	..	-404	-1904	..	..	..	1829	-622	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	0	..	..	..	..	..	..	..	0	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-16370	16440	..	..	..	..	..	70	..
Other transformation	..	..	..	-129	..	..	..	..	..	-129	..
Energy industries own use	0	..	..	0	-104	..	..	-1620	-811	-2535	..
Losses	-20	..	..	-44	-176	..	..	-9558	-867	-10665	..
Final consumption	21288	..	..	71378	5324	43	..	36576	11687	146296	43
Final energy consumption	20659	..	..	71258	5324	43	..	36576	11687	145546	43
Manufacturing, const., mining	4708	..	..	5428	938	..	..	6152	990	18217	..
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	0	..	..	0	0	..	..	58	0	58	..
Non-ferrous metals	0	..	..	0	..	..	..	360	58	418	..
Non-metallic minerals	1279	..	..	167	10	..	..	1084	70	2610	..
Transport equipment	..	..	..	..	..	..	..	4	..	4	..
Machinery	..	..	..	0	413	..	..	144	72	629	..
Mining and quarrying	20	..	..	0	0	..	..	306	0	326	..
Food and tobacco	203	..	..	606	319	..	..	583	654	2365	..
Paper, pulp and printing	..	..	..	..	79	..	..	0	0	79	..
Wood and wood products	..	..	..	..	0	..	..	94	1	95	..
Textile and leather	41	..	..	87	0	..	..	126	2	256	..
Construction	20	..	..	1657	0	..	..	457	5	2140	..
Industries n.e.s	3145	..	..	2911	117	..	..	2938	128	9239	..
Transport	..	..	..	47735	0	..	..	162	..	47897	..
Road	..	..	..	47030	0	..	..	122	..	47153	..
Rail	..	..	..	43	..	..	..	4	..	47	..
Domestic aviation	..	..	..	662	..	..	..	..	..	662	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	36	..	36	..
Other	15950	..	..	18095	4386	43	..	30262	10697	79432	43
Agriculture, forestry, fishing	81	..	..	4216	5	1	..	817	17	5137	1
Commerce, public services	5069	..	..	377	977	..	..	2790	3559	12773	..
Households	10724	..	..	12536	3399	41	..	26298	7067	60066	41
Other consumers	76	..	..	966	4	1	..	356	54	1456	1
Non-energy use	629	..	..	121	0	..	..	..	..	750	..

Lao People's Dem. Rep.

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	54265	..	..	56495	..	51315	162076	107811
Imports	..	42329	..	..	..	7379	49708	..
Exports	0	..	..	..	..	-41612	-41612	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-1477	..	..	..	..	*-1477	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	54265	40851	..	56495	..	17082	168694	107811
Statistical Difference	0	12	..	4	0	677	693	51319
Transfers	..	..	..	..	..	..	..	..
Transformation	-41605	..	..	-10390	6050	8914	-37032	-4340
Electricity plants	-41605	..	..	*-54	..	8914	-32746	*-54
Charcoal plants	..	..	..	-10336	6050	..	-4286	-4286
Other transformation	0	..	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-825	-825	..
Losses	..	..	..	..	..	-9233	-9233	..
Final consumption	12660	40839	..	46101	6050	15261	120911	52151
Final energy consumption	12660	40735	..	46101	6050	15261	120806	52151
Manufacturing, const., mining	3692	412	..	*4927	..	6283	15314	*4927
Transport	..	38361	..	..	..	..	38361	..
Road	..	37496	..	..	..	..	37496	..
Domestic aviation	..	*509	..	..	..	..	*509	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	*357	..	..	..	..	*357	..
Other	8968	*1961	..	41174	6050	8978	67131	47224
Agriculture, forestry, fishing	..	*1604	..	..	..	117	*1721	..
Commerce and public services	..	61	..	6471	3326	2216	12075	9798
Households	..	*296	..	34703	2723	5741	43463	37426
Other consumers	8968	..	..	..	..	904	9872	..
Non-energy use	..	*105	..	..	..	..	*105	..
2016								
Primary production	146338	..	..	*56067	..	64614	267019	120681
Imports	..	*42653	..	..	..	2835	*45488	..
Exports	0	..	..	..	..	*-67295	*-67295	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-1477	..	..	..	..	*-1477	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	146338	*41176	..	*56067	..	154	243735	120681
Statistical Difference	0	0	..	0	0	1	*1	64614
Transfers	..	..	..	..	..	..	..	..
Transformation	*-132947	..	..	*-10157	*6048	25632	*-111425	*-4110
Electricity plants	*-132947	..	..	*-77	..	25632	*-107393	*-77
Charcoal plants	..	..	..	*-10080	*6048	..	*-4033	*-4033
Other transformation	0	..	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-8	-8	..
Losses	..	..	..	..	..	*-9000	*-9000	..
Final consumption	*13391	*41176	..	*45910	*6048	16776	*123300	*51957
Final energy consumption	*13391	*41071	..	*45910	*6048	16776	*123196	*51957
Manufacturing, const., mining	*3876	*424	..	*4897	..	6899	*16096	*4897
Transport	..	*38140	..	..	..	..	*38140	..
Road	..	*37631	..	..	..	..	*37631	..
Domestic aviation	..	*509	..	..	..	..	*509	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	*9515	*2507	..	*41013	*6048	9877	*68960	*47060
Agriculture, forestry, fishing	..	*2150	..	..	..	123	*2273	..
Commerce and public services	..	*61	..	*6993	*3334	2460	*12848	*10327
Households	..	*296	..	*34020	*2714	6247	*43277	*36734
Other consumers	*9515	..	..	..	..	1048	*10562	..
Non-energy use	..	*105	..	..	..	..	*105	..

Latvia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	0	..	..	..	..	90644	..	7225	..	97869	97657
Imports	1698	0	36	116912	45328	7077	..	18886	..	189936	5992
Exports	-48	..	-36	-41231	..	-36281	..	-12330	..	-89926	-36281
International marine bunkers	..	..	..	-10703	..	..	..	..	..	-10703	..
International aviation bunkers	..	..	..	-4586	..	..	..	..	..	-4586	..
Stock changes	297	0	..	-2429	660	-2012	..	..	..	-3485	-2021
Total energy supply	1947	0	0	57962	45987	59428	..	13781	..	179105	65348
Statistical difference	0	0	0	-638	0	0	..	0	0	-638	7225
Transfers	..	..	0	281	..	..	..	..	..	281	..
Transformation	-167	..	..	-43	-31716	-17742	..	12686	25459	-11523	-17742
Electricity plants	..	..	..	..	..	0	..	0	..	0	0
CHP plants	-96	..	..	0	-29020	-11669	..	12694	18962	-9129	-11669
Heat plants	-72	..	..	-43	-2696	-5694	..	-7	6497	-2015	-5694
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	0	..	..	..	..	..	..	..	..	0	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	-380	..	..	..	-380	-380
Energy industries own use	..	..	..	-258	-681	..	..	-1584	-1113	-3636	..
Losses	0	..	..	..	-338	..	..	-1624	-3245	-5206	..
Final consumption	1779	0	..	58581	13253	41686	..	23260	21101	159659	40380
Final energy consumption	1779	0	..	54038	13253	41686	..	23260	21101	155116	40380
Manufacturing, const., mining	1014	0	..	2058	5049	17326	..	6131	1450	33028	16021
Iron and steel	0	0	..	..	405	0	..	176	2	583	0
Chemical and petrochemical	0	..	..	142	322	250	..	223	44	981	250
Non-ferrous metals	..	..	..	..	59	..	..	0	..	59	..
Non-metallic minerals	956	..	..	301	1203	2306	..	860	8	5635	1001
Transport equipment	..	..	..	0	40	1	..	158	62	261	1
Machinery	0	..	..	47	171	96	..	335	22	671	96
Mining and quarrying	10	..	..	129	41	3	..	54	0	237	3
Food and tobacco	24	..	..	311	1535	240	..	1001	112	3222	240
Paper, pulp and printing	..	..	..	..	95	5	..	101	7	207	5
Wood and wood products	..	..	..	391	500	14223	..	2606	1103	18824	14223
Textile and leather	24	..	..	0	172	5	..	104	22	327	5
Construction	0	..	..	737	431	59	..	266	42	1535	59
Industries n.e.s	0	0	..	0	76	138	..	245	26	484	138
Transport	..	..	..	42975	..	1021	..	382	..	44377	1021
Road	..	..	..	40026	..	874	..	187	..	41087	874
Rail	..	..	..	2807	..	74	..	144	..	3025	74
Domestic aviation	..	..	..	0	..	..	..	..	..	0	..
Domestic navigation	..	..	..	129	..	..	..	..	..	129	..
Pipeline transport	..	..	..	..	..	..	..	50	..	50	..
Transport, n.e.s	..	..	..	12	..	74	..	..	..	86	74
Other	765	..	..	9005	8204	23339	..	16747	19651	77711	23339
Agriculture, forestry, fishing	0	..	..	4654	514	662	..	598	320	6747	662
Commerce, public services	263	..	..	2207	3583	3488	..	9810	5226	24577	3488
Households	502	..	..	2101	4107	19189	..	6332	14101	46332	19189
Other consumers	..	..	..	43	..	..	..	7	4	54	..
Non-energy use	..	..	..	4543	..	..	..	..	..	4543	..

Latvia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	40	..	..	..	..	92833	..	9569	..	102442	102161
Imports	1593	0	36	118415	38637	7018	..	17381	..	183080	6460
Exports	-143	..	-36	-35219	..	-40280	..	-13662	..	-89340	-40280
International marine bunkers	..	..	..	-13233	..	..	..	..	..	-13233	..
International aviation bunkers	..	..	..	-5248	..	..	..	..	..	-5248	..
Stock changes	228	0	..	-7470	7701	384	..	..	..	842	316
Total energy supply	1718	0	0	57244	46338	59954	..	13288	..	178543	68656
Statistical difference	0	0	0	-701	0	0	..	0	0	-701	9569
Transfers	..	..	0	482	..	..	..	..	..	482	..
Transformation	-214	..	..	0	-32198	-21069	..	13554	28967	-10960	-21069
Electricity plants	..	..	..	..	..	0	..	0	..	0	0
CHP plants	-143	..	..	0	-29680	-13755	..	13561	21683	-8334	-13755
Heat plants	-71	..	..	0	-2518	-6947	..	-7	7284	-2260	-6947
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	0	..	..	..	..	..	..	..	..	0	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	-367	..	..	..	-367	-367
Energy industries own use	..	..	..	-258	-507	..	..	-1793	-1194	-3752	..
Losses	0	..	..	..	-183	..	..	-1714	-3441	-5337	..
Final consumption	1504	0	..	58170	13451	38885	..	23335	24332	159678	38018
Final energy consumption	1504	0	..	54271	13451	38885	..	23335	24332	155778	38018
Manufacturing, const., mining	767	0	..	2236	4505	15389	..	6001	2506	31404	14522
Iron and steel	0	0	..	..	46	0	..	50	2	98	0
Chemical and petrochemical	0	..	..	142	378	200	..	223	43	986	200
Non-ferrous metals	..	..	..	..	36	..	..	0	..	36	..
Non-metallic minerals	666	..	..	388	1169	1561	..	810	10	4604	694
Transport equipment	..	..	..	0	43	4	..	162	64	273	4
Machinery	24	..	..	0	203	109	..	349	14	698	109
Mining and quarrying	30	..	..	129	32	9	..	43	18	261	9
Food and tobacco	48	..	..	358	1382	360	..	997	162	3308	360
Paper, pulp and printing	..	..	..	..	85	11	..	94	7	196	11
Wood and wood products	..	..	..	434	541	12886	..	2657	2095	18613	12886
Textile and leather	0	..	..	0	181	9	..	108	21	319	9
Construction	0	..	..	784	339	84	..	238	43	1488	84
Industries n.e.s	0	0	..	0	71	156	..	270	27	524	156
Transport	..	..	..	43235	..	532	..	378	..	44145	532
Road	..	..	..	40673	..	385	..	194	..	41252	385
Rail	..	..	..	2377	..	74	..	140	..	2591	74
Domestic aviation	..	..	..	0	..	..	..	..	..	0	..
Domestic navigation	..	..	..	172	..	..	..	..	..	172	..
Pipeline transport	..	..	..	..	..	..	..	43	..	43	..
Transport, n.e.s	..	..	..	12	..	74	..	..	..	86	74
Other	737	..	..	8801	8945	22964	..	16956	21826	80229	22964
Agriculture, forestry, fishing	0	..	..	4999	550	750	..	655	428	7382	750
Commerce, public services	238	..	..	1528	3942	3356	..	9839	5925	24827	3356
Households	499	..	..	2187	4453	18858	..	6455	15469	47921	18858
Other consumers	..	..	..	87	..	..	..	7	4	98	..
Non-energy use	..	..	..	3899	..	..	..	..	..	3899	..

Lebanon

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	4971	..	1724	994	7689	7689
Imports	7002	..	..	308085	0	413	..	965	..	316464	413
Exports
International marine bunkers	-1252	..	..	..	..	..	-1252	..
International aviation bunkers	-10231	..	..	..	..	..	-10231	..
Stock changes
Total energy supply	7002	..	..	296601	0	5384	..	2689	994	312670	8102
Statistical difference	0	..	..	0	0	0	..	680	0	680	1724
Transfers
Transformation	-167113	0	-585	..	64760	..	-102937	-585
Electricity plants	-167113	0	..	..	64760	..	-102352	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	-585	..	..	..	-585	-585
Energy industries own use	0	..	0	..
Losses	-6959	..	-6959	..
Final consumption	7002	..	..	129488	..	4799	..	59810	994	202094	5793
Final energy consumption	7002	..	..	127277	..	4799	..	59810	994	199883	5793
Manufacturing, const., mining	7002	..	..	5696	..	..	..	15516	49	28263	49
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	7002	..	..	..	..	..	..	..	..	7002	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	5696	..	..	..	15516	49	21261	49
Transport	79106	..	..	..	..	..	79106	..
Road	79106	..	..	..	..	..	79106	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	42475	..	4799	..	44294	945	92514	5744
Agriculture, forestry, fishing
Commerce, public services	9900	302	10202	302
Households	42475	..	4091	..	23234	643	70444	4734
Other consumers	708	..	11160	..	11868	708
Non-energy use	2211	..	..	..	..	..	2211	..

Lebanon

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	4971	..	1375	1017	7363	7363
Imports	7112	..	..	314020	..	413	..	248	..	321794	413
Exports
International marine bunkers	-1293	..	..	..	..	..	-1293	..
International aviation bunkers	-10408	..	..	..	..	..	-10408	..
Stock changes
Total energy supply	7112	..	..	302320	..	5384	..	1624	1017	317457	7776
Statistical difference	0	..	..	0	..	0	..	-587	0	-587	1375
Transfers
Transformation	-170103	..	-585	..	65909	..	-104779	-585
Electricity plants	-170103	..	..	..	65909	..	-104194	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	-585	..	..	..	-585	-585
Energy industries own use	0	..	0	..
Losses	-7042	..	-7042	..
Final consumption	7112	..	..	132217	..	4799	..	61078	1017	206223	5816
Final energy consumption	7112	..	..	129966	..	4799	..	61078	1017	203972	5816
Manufacturing, const., mining	7112	..	..	5777	..	..	..	15790	50	28729	50
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	7112	..	..	..	..	..	..	..	..	7112	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	5777	..	..	..	15790	50	21617	50
Transport	80565	..	..	..	..	..	80565	..
Road	80565	..	..	..	..	..	80565	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	43624	..	4799	..	45288	967	94678	5766
Agriculture, forestry, fishing
Commerce, public services	10076	307	10383	307
Households	43624	..	4091	..	23854	660	72228	4751
Other consumers	708	..	11358	..	12066	708
Non-energy use	2251	..	..	..	..	..	2251	..

Lesotho

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	..	..	29219	..	1916	31135	31135
Imports	*16615	9162	..	..	..	938	*26715	..
Exports	..	..	..	..	..	-16	-16	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-18	..	..	..	..	*-18	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	*16615	9144	..	29219	..	2838	57817	31135
Statistical Difference	0	400	..	0	0	-99	*301	1916
Transfers	..	..	..	..	..	..	..	..
Transformation	..	..	..	*-5801	3121	..	*-2680	*-2680
Electricity plants	..	..	..	..	..	..	..	..
Charcoal plants	..	..	..	*-5801	3121	..	*-2680	*-2680
Other transformation	..	..	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	0	0	..
Losses	..	..	..	..	..	-438	-438	..
Final consumption	*16615	*8745	..	*23419	*3121	*2498	*54398	*26540
Final energy consumption	*16615	*8745	..	*23419	*3121	*2498	*54398	*26540
Manufacturing, const., mining	*16615	*860	..	..	..	*810	*18285	..
Transport	..	6318	..	..	..	..	6318	..
Road	..	6224	..	..	..	..	6224	..
Domestic aviation	..	94	..	..	..	..	94	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*1567	..	*23419	*3121	*1688	*29795	*26540
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	*370	..	..	..	*763	*1133	..
Households	..	*1197	..	*23419	*3121	*925	*28662	*26540
Other consumers	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	..	..	..	..	..
2016								
Primary production	..	..	..	29272	..	1828	31100	31100
Imports	*16615	11591	..	..	..	1341	*29547	..
Exports	..	..	..	..	..	-9	-9	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-18	..	..	..	..	*-18	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	*16615	11573	..	29272	..	3160	60620	31100
Statistical Difference	0	0	..	0	0	0	0	1828
Transfers	..	..	..	..	..	..	..	..
Transformation	..	..	..	*-5892	3171	..	*-2721	*-2721
Electricity plants	..	..	..	..	..	..	..	..
Charcoal plants	..	..	..	*-5892	3171	..	*-2721	*-2721
Other transformation	..	..	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	0	0	..
Losses	..	..	..	..	..	-406	-406	..
Final consumption	*16615	*11573	..	*23380	*3171	*2754	*57493	*26551
Final energy consumption	*16615	*11573	..	*23380	*3171	*2754	*57493	*26551
Manufacturing, const., mining	*16615	*1100	..	..	..	*961	*18677	..
Transport	..	6882	..	..	..	..	6882	..
Road	..	6840	..	..	..	..	6840	..
Domestic aviation	..	42	..	..	..	..	42	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*3591	..	*23380	*3171	*1793	*31934	*26551
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	*394	..	..	..	*868	*1262	..
Households	..	*3197	..	*23380	*3171	*925	*30673	*26551
Other consumers	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	..	..	..	..	..

Liberia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	76056	..	*142	76198	76198
Imports	..	16382	..	..	0	..	16382	0
Exports	-12	..	-12	-12
International marine bunkers	..	*-301	..	..	..	..	*-301	..
International aviation bunkers	..	*-287	..	..	..	..	*-287	..
Stock changes
Total energy supply	..	15794	..	76056	-11	*142	91981	76187
Statistical Difference	..	-35	..	0	0	0	*-35	142
Transfers
Transformation	..	*-3225	..	*-15437	8309	*1116	*-9237	*-7128
Electricity plants	..	*-3225	..	..	..	*1116	*-2109	..
Charcoal plants	*-15437	8309	..	*-7128	*-7128
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-214	*-214	..
Losses	*-90	*-90	..
Final consumption	..	12604	..	*60619	*8297	*954	*82474	*68916
Final energy consumption	..	12323	..	*60619	*8297	*954	*82193	*68916
Manufacturing, const., mining	..	*1161	..	..	..	..	*1161	..
Transport	..	10805	..	..	..	..	10805	..
Road	..	10469	..	..	..	..	10469	..
Domestic aviation	..	*335	..	..	..	..	*335	..
Domestic navigation
Other transport
Other	..	*357	..	*60619	*8297	*954	*70227	*68916
Agriculture, forestry, fishing	*60619	..	..	*60619	*60619
Commerce and public services
Households	*8297	..	*8297	*8297
Other consumers	..	*357	..	..	..	*954	*1311	..
Non-energy use	..	*281	..	..	..	..	*281	..
2016								
Primary production	78534	..	*142	78676	78676
Imports	..	*18898	..	..	1	..	*18899	1
Exports	-12	..	-12	-12
International marine bunkers	..	*-390	..	..	..	..	*-390	..
International aviation bunkers	..	*-287	..	..	..	..	*-287	..
Stock changes
Total energy supply	..	*18222	..	78534	-11	*142	96887	78665
Statistical Difference	..	0	..	0	0	0	0	142
Transfers
Transformation	..	*-4160	..	*-15969	8595	*1440	*-10094	*-7374
Electricity plants	..	*-4160	..	..	..	*1440	*-2720	..
Charcoal plants	*-15969	8595	..	*-7374	*-7374
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-484	*-484	..
Losses	*-108	*-108	..
Final consumption	..	*14061	..	*62565	*8584	*990	*86200	*71149
Final energy consumption	..	*13780	..	*62565	*8584	*990	*85919	*71149
Manufacturing, const., mining	..	*1505	..	..	..	..	*1505	..
Transport	..	*11858	..	..	..	..	*11858	..
Road	..	*11527	..	..	..	..	*11527	..
Domestic aviation	..	*331	..	..	..	..	*331	..
Domestic navigation
Other transport
Other	..	*417	..	*62565	*8584	*990	*72556	*71149
Agriculture, forestry, fishing	*62565	..	..	*62565	*62565
Commerce and public services
Households	*8584	..	*8584	*8584
Other consumers	..	*417	..	..	..	*990	*1407	..
Non-energy use	..	*281	..	..	..	..	*281	..

Libya

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	945667	..	396720	6352	..	29	..	1348768	6381
Imports	322399	..	..	..	317	..	322716	..
Exports	-617910	-42108	-163795	..	..	0	..	-823812	..
International marine bunkers	*-3353	..	..	..	..	..	*-3353	..
International aviation bunkers	-2778	..	..	..	..	..	-2778	..
Stock changes	*-115056	..	..	..	..	..	..	*-115056	..
Total energy supply	212701	274160	232925	6352	..	346	..	726484	6381
Statistical difference	0	15487	17010	0	..	53219	..	85716	29
Transfers
Transformation	-212701	23573	-208399	..	..	135767	..	-261760	..
Electricity plants	-185723	-208399	..	..	135767	..	-258356	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-27934	28886	..	..	..	..	..	951	..
Oil refineries	-184766	180411	..	..	..	..	..	-4356	..
Other transformation
Energy industries own use	-6609	-2090	..	..	-2239	..	-10938	..
Losses	-25657	..	-25657	..
Final consumption	275637	5426	6352	..	54997	..	342413	6352
Final energy consumption	254775	1917	6352	..	54997	..	318041	6352
Manufacturing, const., mining	10221	1917	..	..	6811	..	18949	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	10221	1917	..	..	6811	..	18949	..
Transport	226854	..	..	..	..	..	226854	..
Road	226766	..	..	..	..	..	226766	..
Rail
Domestic aviation	89	..	..	..	..	..	89	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	17699	..	6352	..	48186	..	72237	6352
Agriculture, forestry, fishing	4360	..	4360	..
Commerce, public services	6325	..	6325	..
Households	17699	..	6352	..	19757	..	43808	6352
Other consumers	17744	..	17744	..
Non-energy use	20862	3509	..	..	..	..	24371	..

Libya

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	917081	..	338580	6424	..	29	..	1262114	6453
Imports	287663	..	..	..	1354	..	289017	..
Exports	-602267	-42221	-163795	..	..	..	..	-808282	..
International marine bunkers	-3434	..	..	..	..	..	-3434	..
International aviation bunkers	-2778	..	..	..	..	..	-2778	..
Stock changes	*-113998	..	..	..	..	..	..	*-113998	..
Total energy supply	200816	239230	174785	6424	..	1382	..	622638	6453
Statistical difference	0	11041	-39569	0	..	53611	..	25084	29
Transfers
Transformation	-200816	48834	-206938	..	..	131119	..	-227801	..
Electricity plants	*-148515	-206938	..	..	131119	..	-224334	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-28951	29979	..	..	..	..	..	1028	..
Oil refineries	-171865	167370	..	..	..	..	..	-4495	..
Other transformation
Energy industries own use	-6110	-2062	..	..	-2196	..	-10368	..
Losses	-26366	..	-26366	..
Final consumption	270912	5354	6424	..	50328	..	333018	6424
Final energy consumption	250842	1892	6424	..	50328	..	309486	6424
Manufacturing, const., mining	20240	1892	..	..	4367	..	26499	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	20240	1892	..	..	4367	..	26499	..
Transport	212903	..	..	..	..	..	212903	..
Road	212814	..	..	..	..	..	212814	..
Rail
Domestic aviation	89	..	..	..	..	..	89	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	17699	..	6424	..	45961	..	70085	6424
Agriculture, forestry, fishing	4399	..	4399	..
Commerce, public services	5422	..	5422	..
Households	17699	..	6424	..	21218	..	45342	6424
Other consumers	14922	..	14922	..
Non-energy use	20070	3462	..	..	..	..	23532	..

Lithuania

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	867	..	3173	..	..	57829	..	4435	9664	75968	61357
Imports	5702	820	369511	100471	89642	*8137	..	28577	..	602859	*8137
Exports	-94	-20	-2145	-355536	-3335	*-10474	..	-2628	..	-374232	*-10474
International marine bunkers	..	..	..	-3215	..	..	..	..	..	-3215	..
International aviation bunkers	..	..	..	-3484	..	..	..	..	..	-3484	..
Stock changes	124	10	-1197	-3026	255	*278	..	..	..	-3556	*303
Total energy supply	6600	810	369342	-264789	86561	55770	..	30384	9664	294341	59323
Statistical difference	0	0	0	0	0	*-64	..	0	0	-64	*4404
Transfers	..	..	-42	-696	..	..	..	..	..	-739	..
Transformation	-241	49	-369299	370667	-24105	*-26681	..	10886	29001	-9723	*-25767
Electricity plants	..	..	..	..	..	..	..	..	-2795	-2795	..
CHP plants	0	..	..	-2258	-19325	*-8636	..	10894	13061	-6265	*-7690
Heat plants	-171	..	..	-259	-4780	*-18035	..	-7	18735	-4517	*-18067
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-70	49	..	..	..	..	..	..	..	-22	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-369299	373184	..	..	..	..	..	3885	..
Other transformation	..	..	..	..	..	*-10	..	..	..	*-10	*-10
Energy industries own use	0	..	..	-22551	-1298	-2	..	-4784	-280	-28916	-2
Losses	..	..	..	-43	..	..	..	-2855	-4958	-7856	..
Final consumption	6359	859	..	82587	61159	*29151	..	33631	33427	247172	*29151
Final energy consumption	6359	859	..	75271	21727	*29151	..	33631	33427	200424	*29151
Manufacturing, const., mining	3652	391	..	1642	11894	*3719	..	11927	7943	41168	*3719
Iron and steel	..	29	..	..	3	0	..	68	0	100	0
Chemical and petrochemical	..	..	..	47	5489	150	..	2567	6746	14999	150
Non-ferrous metals	..	..	..	..	0	..	..	..	..	0	..
Non-metallic minerals	3577	322	..	167	944	*266	..	875	22	6173	*266
Transport equipment	..	..	..	..	48	..	..	108	16	172	..
Machinery	..	0	..	..	239	*14	..	616	61	929	*14
Mining and quarrying	..	..	..	86	11	*18	..	97	1	213	*18
Food and tobacco	50	39	..	648	3379	*719	..	2513	423	7771	*719
Paper, pulp and printing	..	..	..	0	384	*161	..	583	11	1139	*161
Wood and wood products	0	..	..	86	131	*1670	..	1235	414	3536	*1670
Textile and leather	0	..	..	43	568	*35	..	569	101	1316	*35
Construction	..	..	..	475	477	*62	..	515	51	1580	*62
Industries n.e.s	25	0	..	90	221	*624	..	2182	97	3239	*624
Transport	..	..	..	69357	1250	2831	..	241	..	73679	2831
Road	..	..	..	66734	321	2757	..	126	..	69938	2757
Rail	..	..	..	2150	..	74	..	40	..	2263	74
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	215	..	0	..	..	..	215	0
Pipeline transport	..	..	..	..	929	..	..	76	..	1004	..
Transport, n.e.s	..	..	..	258	..	..	..	..	..	258	..
Other	2706	468	..	4272	8583	*22601	..	21463	25484	85578	*22601
Agriculture, forestry, fishing	75	10	..	1898	872	456	..	691	194	4196	456
Commerce, public services	1139	127	..	86	2575	1602	..	11196	7298	24023	1602
Households	1492	332	..	1759	5136	*20543	..	9576	17992	56830	*20543
Other consumers	..	..	..	529	..	..	..	..	..	529	..
Non-energy use	..	..	..	7316	39432	..	..	..	..	46748	..

Lithuania

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	199	..	2707	..	..	58866	..	5962	9528	77262	63036
Imports	5652	1054	396468	89560	79106	*7870	..	39982	..	619693	*7870
Exports	-12	-49	-2230	-363837	-1536	*-9452	..	-10192	..	-387307	*-9452
International marine bunkers	..	..	..	-6881	..	..	..	..	..	-6881	..
International aviation bunkers	..	..	..	-4101	..	..	..	..	..	-4101	..
Stock changes	694	-20	-321	-109	-466	*57	..	..	..	-164	*65
Total energy supply	6533	986	396625	-285368	77104	57341	..	35752	9528	298501	61518
Statistical difference	0	0	0	0	0	27	..	0	0	27	6029
Transfers	..	..	0	-768	..	..	..	..	..	-768	..
Transformation	-263	59	-396625	398192	-17721	*-28523	..	7261	30703	-6917	*-26698
Electricity plants	..	..	..	..	..	..	..	..	-2917	-2917	..
CHP plants	0	..	..	-1487	-13088	*-9873	..	7272	12707	-4469	*-8007
Heat plants	-169	..	..	-420	-4633	*-18638	..	-11	20913	-2959	*-18679
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-94	59	..	..	..	..	..	..	..	-35	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-396625	400099	..	..	..	..	..	3474	..
Other transformation	..	..	..	..	..	*-12	..	..	..	*-12	*-12
Energy industries own use	0	..	..	-22929	-1103	-3	..	-4648	-296	-28978	-3
Losses	..	..	..	0	..	..	..	-3265	-5025	-8290	..
Final consumption	6271	1045	..	89127	58280	28789	..	35100	34910	253521	28789
Final energy consumption	6271	1045	..	80564	23081	28789	..	35100	34910	209759	28789
Manufacturing, const., mining	3200	488	..	1473	12047	*4002	..	12301	7909	41421	*4002
Iron and steel	..	29	..	..	2	0	..	68	0	100	0
Chemical and petrochemical	..	..	..	47	4782	*205	..	2686	6500	14220	*205
Non-ferrous metals	..	..	..	..	0	..	..	..	..	0	..
Non-metallic minerals	3175	381	..	83	1055	*302	..	907	30	5933	*302
Transport equipment	..	..	..	..	54	..	..	86	28	168	..
Machinery	..	0	..	..	327	*18	..	666	105	1116	*18
Mining and quarrying	..	..	..	86	9	*25	..	104	1	225	*25
Food and tobacco	25	68	..	605	3515	*696	..	2624	465	8000	*696
Paper, pulp and printing	..	..	..	0	510	*195	..	565	24	1295	*195
Wood and wood products	0	..	..	86	445	*1999	..	1318	439	4286	*1999
Textile and leather	0	..	..	43	647	*28	..	605	134	1457	*28
Construction	..	..	..	432	519	*73	..	533	61	1618	*73
Industries n.e.s	0	10	..	90	183	*461	..	2138	122	3004	*461
Transport	..	..	..	74549	1303	2366	..	259	..	78477	2366
Road	..	..	..	72012	325	2292	..	130	..	74759	2292
Rail	..	..	..	2107	..	74	..	43	..	2224	74
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	172	..	0	..	..	..	172	0
Pipeline transport	..	..	..	..	978	..	..	86	..	1065	..
Transport, n.e.s	..	..	..	258	..	..	..	..	..	258	..
Other	3070	556	..	4542	9730	22421	..	22540	27001	89860	22421
Agriculture, forestry, fishing	100	10	..	1988	898	491	..	742	203	4432	491
Commerce, public services	1402	146	..	133	2741	1670	..	11808	7273	25174	1670
Households	1568	400	..	2068	6090	20260	..	9990	19525	59902	20260
Other consumers	..	..	..	353	..	..	..	..	..	353	..
Non-energy use	..	..	..	8563	35200	..	..	..	..	43763	..

Luxembourg

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	4975	..	1098	79	6152	4900
Imports	1807	257	..	112238	32194	4622	..	27068	..	178185	4622
Exports	-251	..	-899	..	-6908	..	-8059	-899
International marine bunkers
International aviation bunkers	-19625	..	..	..	..	..	-19625	..
Stock changes	788	..	..	..	..	..	788	..
Total energy supply	1807	257	..	93150	32194	8698	..	21258	79	157442	8624
Statistical difference	0	0	..	-172	1	0	..	14	1	-156	1098
Transfers
Transformation	-43	-6982	-2745	..	3708	2363	-3699	-2063
Electricity plants	-3855	-1365	..	2448	..	-2772	-683
CHP plants	-43	-3272	*-986	..	1260	2150	-891	*-986
Heat plants	-56	*-194	..	..	213	-37	*-194
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	200	-200	..	..	..	0	-200
Oil refineries
Other transformation
Energy industries own use	-1973	0	-1973	..
Losses	-569	-215	-784	..
Final consumption	1807	257	..	93279	25211	5953	..	22410	2226	151142	5463
Final energy consumption	1807	257	..	91926	25211	5953	..	22410	2226	149789	5463
Manufacturing, const., mining	1807	206	..	470	11629	*1594	..	11027	15	26748	*1025
Iron and steel	272	29	..	..	5736	..	..	5551	..	11588	..
Chemical and petrochemical	258	631	..	..	1296	..	2185	..
Non-ferrous metals
Non-metallic minerals	1534	..	..	43	2955	786	..	922	..	6240	*217
Transport equipment	14	..	..	32	..	47	..
Machinery	115	..	..	299	..	414	..
Mining and quarrying	20	..	..	47	..	67	..
Food and tobacco	43	265	..	..	572	..	880	..
Paper, pulp and printing	89	..	..	137	..	226	..
Wood and wood products	90	*808	..	25	..	*923	*808
Textile and leather	1142	..	..	364	4	1510	..
Construction	..	178	..	43	196	..	..	554	..	971	..
Industries n.e.s	0	0	..	83	376	0	..	1228	11	1698	0
Transport	80073	..	3349	..	446	..	83869	3349
Road	79858	..	3349	..	4	..	83211	3349
Rail	215	..	..	..	443	..	658	..
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	..	50	..	11383	13582	*1010	..	10937	2211	39173	*1089
Agriculture, forestry, fishing	774	..	106	..	133	..	1013	106
Commerce, public services	3169	4316	48	..	7240	2132	16904	48
Households	..	50	..	7440	9266	*856	..	3564	79	21256	*935
Other consumers
Non-energy use	1353	..	..	..	..	..	1353	..

Luxembourg

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	5425	..	1138	85	6648	5402
Imports	2002	206	..	113179	29689	5001	..	27785	..	177862	5001
Exports	-265	..	-1106	..	-5112	..	-6483	-1106
International marine bunkers
International aviation bunkers	-22006	..	..	..	..	..	-22006	..
Stock changes	-48	..	..	..	..	..	-48	..
Total energy supply	2002	206	..	90860	29689	9320	..	23810	85	155972	9297
Statistical difference	0	0	..	172	0	-1	..	18	1	190	1137
Transfers
Transformation	-43	-3189	-2858	..	1681	2432	-1977	-2158
Electricity plants	-99	-1400	..	403	..	-1096	-700
CHP plants	-43	-3159	*-1060	..	1278	2158	-826	*-1060
Heat plants	-127	*-202	..	..	274	-55	*-202
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	196	-196	..	..	..	0	-196
Oil refineries
Other transformation
Energy industries own use	-1984	0	-1984	..
Losses	-569	-230	-799	..
Final consumption	2002	206	..	90645	26501	6463	..	22921	2286	151024	6002
Final energy consumption	2002	206	..	89171	26501	6463	..	22921	2286	149550	6002
Manufacturing, const., mining	2002	184	..	427	11718	*1545	..	12262	15	28153	*999
Iron and steel	272	29	..	..	5644	..	..	6296	..	12241	..
Chemical and petrochemical	258	737	..	..	1390	..	2385	..
Non-ferrous metals
Non-metallic minerals	1730	..	..	43	2842	732	..	986	..	6333	*186
Transport equipment	18	..	..	36	..	54	..
Machinery	145	..	..	320	..	465	..
Mining and quarrying	25	..	..	50	..	76	..
Food and tobacco	43	301	..	..	612	..	956	..
Paper, pulp and printing	113	..	..	144	..	257	..
Wood and wood products	123	*813	..	25	..	*962	*813
Textile and leather	1139	..	..	389	4	1531	..
Construction	..	155	..	43	237	..	..	594	..	1029	..
Industries n.e.s	0	0	..	40	395	0	..	1418	11	1865	0
Transport	77486	..	3650	..	544	..	81680	3650
Road	77314	..	3650	..	4	..	80968	3650
Rail	172	..	..	..	540	..	712	..
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	..	22	..	11257	14783	*1268	..	10116	2271	39717	*1353
Agriculture, forestry, fishing	774	..	133	..	122	..	1029	133
Commerce, public services	3474	5517	79	..	6833	2186	18089	79
Households	..	22	..	7009	9266	*1056	..	3161	85	20599	*1141
Other consumers
Non-energy use	1474	..	..	..	..	..	1474	..

Madagascar

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	..	..	129088	..	3365	132453	132453
Imports	*10214	38915	..	0	..	..	49130	0
Exports	..	..	..	0	-2	..	-3	-3
International marine bunkers	..	*-848	..	..	..	..	*-848	..
International aviation bunkers	..	*-1680	..	..	..	..	*-1680	..
Stock changes	..	*-44	..	..	..	..	*-44	..
Total energy supply	*10214	36342	..	129088	-2	3365	179007	132451
Statistical Difference	0	0	..	0	0	1609	1609	3365
Transfers	..	..	..	..	..	..	..	..
Transformation	..	-5401	..	*-85505	46021	2799	*-42086	*-39484
Electricity plants	..	-5401	..	..	..	2799	-2602	..
Charcoal plants	..	..	..	*-85505	46021	..	*-39484	*-39484
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	*-90	*-90	..
Losses	..	..	..	..	..	*-162	*-162	..
Final consumption	*10214	*30942	..	*43583	*46018	4303	*135060	*89601
Final energy consumption	*10214	*29355	..	*43583	*46018	4303	*133474	*89601
Manufacturing, const., mining	*10214	..	..	*2189	..	*1959	*14362	*2189
Transport	..	*18525	..	..	..	..	*18525	..
Road	..	*17731	..	..	..	..	*17731	..
Domestic aviation	..	*794	..	..	..	..	*794	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*10830	..	*41394	*46018	2344	*100587	*87412
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	277	277	..
Households	..	1988	..	*41394	..	2067	*45448	*41394
Other consumers	..	*8843	..	..	*46018	..	*54861	*46018
Non-energy use	..	*1586	..	..	..	..	*1586	..
2016								
Primary production	..	..	..	131496	..	3195	134691	134691
Imports	*10214	*42841	..	0	..	..	*53055	0
Exports	..	..	..	0	0	..	0	0
International marine bunkers	..	*-1131	..	..	..	..	*-1131	..
International aviation bunkers	..	*-1680	..	..	..	..	*-1680	..
Stock changes	..	*-44	..	..	..	..	*-44	..
Total energy supply	*10214	*39985	..	131496	0	3195	184890	134691
Statistical Difference	0	0	..	0	0	2066	*2066	3195
Transfers	..	..	..	..	..	..	..	..
Transformation	..	-6673	..	*-85504	46021	3366	*-42790	*-39483
Electricity plants	..	-6673	..	..	..	3366	-3308	..
Charcoal plants	..	..	..	*-85504	46021	..	*-39483	*-39483
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	*-90	*-90	..
Losses	..	..	..	..	..	*-162	*-162	..
Final consumption	*10214	*33312	..	*45992	*46020	4243	*139782	*92013
Final energy consumption	*10214	*31726	..	*45992	*46020	4243	*138195	*92013
Manufacturing, const., mining	*10214	..	..	*2193	..	1791	*14199	*2193
Transport	..	*20453	..	..	..	..	*20453	..
Road	..	*19659	..	..	..	..	*19659	..
Domestic aviation	..	*794	..	..	..	..	*794	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*11272	..	*43799	*46020	2452	*103544	*89820
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	*277	*277	..
Households	..	1945	..	*43799	..	2175	*47919	*43799
Other consumers	..	*9327	..	..	*46020	..	*55348	*46020
Non-energy use	..	*1586	..	..	..	..	*1586	..

Malawi

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	1516	..	..	59748	..	*7030	68295	66680
Imports	867	11735	..	0	0	..	12602	1
Exports	-194	..	..	-2	0	*-141	-337	-2
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-265	..	..	..	..	*-265	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	2189	11470	..	59747	0	*6889	80295	66679
Statistical Difference	0	0	..	0	0	0	0	7030
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-1829	..	*-30350	16309	*658	*-15212	*-13993
Electricity plants	..	*-1829	..	..	..	*658	*-1171	..
Charcoal plants	..	..	..	*-30302	16309	..	*-13993	*-13993
Other transformation	..	0	..	*-48	..	..	*-48	0
Energy industries own use	..	..	..	..	..	*-362	*-362	..
Losses	..	..	..	..	..	*-1572	*-1572	..
Final consumption	*2189	*9641	..	*29397	*16309	5612	*63149	*45656
Final energy consumption	*2189	*9263	..	*29397	*16309	5612	*62771	*45656
Manufacturing, const., mining	*1479	*226	..	*7350	..	2488	*11544	*7300
Transport	..	*8817	..	..	..	..	*8817	..
Road	..	*8762	..	..	..	..	*8762	..
Domestic aviation	..	*54	..	..	..	..	*54	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	*710	*220	..	*22046	*16309	3124	*42410	*38356
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	937	937	..
Households	..	*131	..	*22046	..	2187	*24365	*22046
Other consumers	*710	*89	..	..	*16309	..	*17108	*16309
Non-energy use	..	*378	..	..	..	..	*378	..
2016								
Primary production	1118	..	..	59753	..	*7117	67988	66771
Imports	*1182	13753	..	0	0	..	14935	1
Exports	-208	..	..	-2	0	*-141	-352	-2
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-267	..	..	..	..	*-267	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	2092	13486	..	59752	0	*6976	82305	66770
Statistical Difference	0	0	..	0	0	0	0	7117
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-1904	..	*-31029	16674	*658	*-15601	*-14306
Electricity plants	..	*-1904	..	..	..	*658	*-1246	..
Charcoal plants	..	..	..	*-30980	16674	..	*-14306	*-14306
Other transformation	..	0	..	*-49	..	..	*-49	0
Energy industries own use	..	..	..	..	..	*-366	*-366	..
Losses	..	..	..	..	..	*-1590	*-1590	..
Final consumption	*2092	*11581	..	*28723	*16674	*5678	*64747	*45347
Final energy consumption	*2092	*11195	..	*28723	*16674	*5678	*64361	*45347
Manufacturing, const., mining	*1413	*233	..	*6822	..	*2517	*10985	*6772
Transport	..	*10724	..	..	..	..	*10724	..
Road	..	*10670	..	..	..	..	*10670	..
Domestic aviation	..	*54	..	..	..	..	*54	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	*678	*237	..	*21901	*16674	*3161	*42652	*38575
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	*948	*948	..
Households	..	*148	..	*21901	..	*2212	*24262	*21901
Other consumers	*678	*89	..	..	*16674	..	*17442	*16674
Non-energy use	..	*386	..	..	..	..	*386	..

Malaysia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	67542	..	1393250	..	2177693	58396	..	51109	..	3747991	109506
Imports	672018	..	342503	602351	294433	695	..	47	..	1912047	695
Exports	-6546	..	-657046	-424813	-1059531	-7896	..	-11	..	-2155842	-7896
International marine bunkers	..	..	..	-14105	..	..	..	..	..	-14105	..
International aviation bunkers	..	..	..	-107075	..	..	..	..	..	-107075	..
Stock changes	-396	..	2327	43103	..	-4122	..	..	..	40912	-4122
Total energy supply	732618	..	1081034	99462	1412595	47074	..	51145	..	3423929	98183
Statistical difference	3906	..	-6937	4293	-38	-37	..	0	..	1187	51072
Transfers	..	..	-14652	6871	..	..	..	..	..	-7781	..
Transformation	-654254	..	-1057119	1070067	-672668	-10618	..	489334	..	-835259	-10618
Electricity plants	-654254	..	..	-18096	-640188	*-9878	..	489334	..	-833083	*-9878
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	14652	..	-32480	..	..	..	..	-17828	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-67272	52314	..	..	..	..	..	-14959	..
Oil refineries	..	..	-1004498	1024368	..	..	..	..	..	19869	..
Other transformation	..	..	..	11481	..	*-740	..	..	..	10741	*-740
Energy industries own use	..	..	-16201	-9052	-299633	..	..	-45126	..	-370013	..
Losses	..	..	..	0	-79844	..	..	*-19436	..	-99281	..
Final consumption	74457	..	..	1163055	360487	*36493	..	475916	..	2110409	*36493
Final energy consumption	74457	..	..	1031905	192056	*36493	..	475916	..	1810828	*36493
Manufacturing, const., mining	74457	..	..	91833	181166	*226	..	218308	..	565990	*226
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	74457	..	..	..	..	..	..	..	..	74457	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	0	..	..	91833	181166	*226	..	218308	..	491533	*226
Transport	..	..	..	841369	9948	14094	..	958	..	866369	14094
Road	..	..	..	814439	9948	14094	..	..	..	838481	14094
Rail	..	..	..	162	..	..	..	958	..	1119	..
Domestic aviation	..	..	..	26769	..	..	..	..	..	26769	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	98703	942	*22173	..	256651	..	378469	*22173
Agriculture, forestry, fishing	..	..	..	36198	..	0	..	1681	..	37879	0
Commerce, public services	..	..	..	33179	905	..	..	153086	..	187170	..
Households	..	..	..	29326	38	*21851	..	101884	..	153098	*21851
Other consumers	..	..	..	..	..	*322	..	..	..	*322	*322
Non-energy use	..	..	..	131150	168431	..	..	..	..	299581	..

Malaysia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	63742	..	1442051	..	2153992	53855	..	73184	..	3786823	127039
Imports	718893	..	443642	649959	257432	485	..	119	..	2070530	485
Exports	-633	..	-678704	-512794	-1066276	-4601	..	-2498	..	-2265507	-4601
International marine bunkers	..	..	..	-12123	..	..	..	..	..	-12123	..
International aviation bunkers	..	..	..	-103159	..	..	..	..	..	-103159	..
Stock changes	10241	..	2876	38565	..	-1288	..	..	..	50395	-1288
Total energy supply	792242	..	1209866	60449	1345147	48451	..	70805	..	3526960	121636
Statistical difference	1531	..	-8333	52669	-39	-37	..	0	..	45791	73148
Transfers	..	..	-20484	23578	..	..	..	..	..	3094	..
Transformation	-715990	..	-1188197	1161085	-585363	-10842	..	490810	..	-848497	-10842
Electricity plants	-715990	..	..	-15203	-540862	*-9878	..	490810	..	-791124	*-9878
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	20484	..	-44501	..	..	..	..	-24017	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-83671	89539	..	..	..	..	..	5868	..
Oil refineries	..	..	-1125011	1072019	..	..	..	..	..	-52992	..
Other transformation	..	..	..	14774	..	*-964	..	..	..	13810	*-964
Energy industries own use	..	..	-9518	-10892	-98346	..	..	-36367	..	-155122	..
Losses	..	..	..	0	-197822	..	..	-6761	..	-204583	..
Final consumption	74721	..	..	1181552	463656	*37646	..	518486	..	2276061	*37646
Final energy consumption	74721	..	..	1055199	234446	*37646	..	518486	..	1920498	*37646
Manufacturing, const., mining	74721	..	..	101982	225667	*2394	..	243590	..	648355	*2394
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	74721	..	..	..	..	..	..	..	..	74721	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	0	..	..	101982	225667	*2394	..	243590	..	573633	*2394
Transport	..	..	..	871304	7837	14094	..	1224	..	894459	14094
Road	..	..	..	844949	7837	14094	..	..	..	866880	14094
Rail	..	..	..	566	..	..	..	1224	..	1790	..
Domestic aviation	..	..	..	25790	..	..	..	..	..	25790	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	81913	942	*21157	..	273672	..	377684	*21157
Agriculture, forestry, fishing	..	..	..	15596	..	0	..	1955	..	17551	0
Commerce, public services	..	..	..	40028	905	..	..	159656	..	200589	..
Households	..	..	..	26288	38	*21010	..	112061	..	159397	*21010
Other consumers	..	..	..	..	..	*148	..	..	..	*148	*148
Non-energy use	..	..	..	126354	229209	..	..	..	..	355563	..

Maldives

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	148	..	18	166	166
Imports	..	22021	..	19	13	..	22054	32
Exports
International marine bunkers	..	*-2201	..	..	..	..	*-2201	..
International aviation bunkers	..	*-1323	..	..	..	..	*-1323	..
Stock changes
Total energy supply	..	18498	..	167	13	18	18696	198
Statistical Difference	..	*-6	..	0	0	1	*-4	18
Transfers
Transformation	..	*-7082	..	*-47	25	2140	*-4963	*-22
Electricity plants	..	*-7082	..	..	..	2140	*-4942	..
Charcoal plants	*-47	25	..	*-22	*-22
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-87	*-87	..
Losses	*-65	*-65	..
Final consumption	..	*11421	..	*121	*38	*2005	*13585	*159
Final energy consumption	..	*11310	..	*121	*38	*2005	*13474	*159
Manufacturing, const., mining	..	*387	..	..	..	*119	*506	..
Transport	..	*10294	..	..	..	..	*10294	..
Road	..	*4365	..	..	..	..	*4365	..
Domestic aviation	..	*1476	..	..	..	..	*1476	..
Domestic navigation	..	*4453	..	..	..	..	*4453	..
Other transport
Other	..	*629	..	*121	*38	*1886	*2675	*159
Agriculture, forestry, fishing
Commerce and public services	*662	*662	..
Households	..	*629	..	*121	*38	*630	*1418	*159
Other consumers	*594	*594	..
Non-energy use	..	*111	..	..	..	..	*111	..
2016								
Primary production	149	..	*18	167	167
Imports	..	23492	..	4	13	..	23509	17
Exports
International marine bunkers	..	*-2289	..	..	..	..	*-2289	..
International aviation bunkers	..	*-662	..	..	..	..	*-662	..
Stock changes
Total energy supply	..	20541	..	153	13	*18	20725	184
Statistical Difference	..	*-3	..	0	0	0	*-3	18
Transfers
Transformation	..	*-7525	..	*-47	25	2300	*-5246	*-22
Electricity plants	..	*-7525	..	..	..	2300	*-5225	..
Charcoal plants	*-47	25	..	*-22	*-22
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-112	*-112	..
Losses	*-72	*-72	..
Final consumption	..	*13019	..	*106	*39	*2135	*15297	*144
Final energy consumption	..	*12784	..	*106	*39	*2135	*15063	*144
Manufacturing, const., mining	..	*516	..	..	..	*126	*642	..
Transport	..	*11624	..	..	..	..	*11624	..
Road	..	*5415	..	..	..	..	*5415	..
Domestic aviation	..	*698	..	..	..	..	*698	..
Domestic navigation	..	*5511	..	..	..	..	*5511	..
Other transport
Other	..	*644	..	*106	*39	*2009	*2797	*144
Agriculture, forestry, fishing
Commerce and public services	*698	*698	..
Households	..	*644	..	*106	*39	*674	*1463	*144
Other consumers	*636	*636	..
Non-energy use	..	*234	..	..	..	..	*234	..

Mali

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	52698	..	3649	56346	56346
Imports	..	*41950	..	..	0	..	*41950	0
Exports	-25	-3	*-1749	*-1776	-28
International marine bunkers
International aviation bunkers	..	*-2073	..	..	..	..	*-2073	..
Stock changes
Total energy supply	..	*39877	..	52673	-3	1900	94448	56319
Statistical Difference	..	0	..	0	0	*-449	*-449	3649
Transfers
Transformation	..	*-8055	..	*-15073	8113	*2729	*-12286	*-6960
Electricity plants	..	*-8055	..	..	..	*2729	*-5326	..
Charcoal plants	*-15073	8113	..	*-6960	*-6960
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-230	*-230	..
Final consumption	..	*31822	..	*37600	*8109	*4848	*82380	*45710
Final energy consumption	..	*31822	..	*37600	*8109	*4848	*82380	*45710
Manufacturing, const., mining	..	*13938	..	*1259	..	*2329	*17525	*1259
Transport	..	*14857	..	..	..	..	*14857	..
Road	..	*14857	..	..	..	..	*14857	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*3028	..	*36342	*8109	*2519	*49997	*44451
Agriculture, forestry, fishing
Commerce and public services	..	*350	..	..	..	*948	*1299	..
Households	..	*1373	..	*36342	*8109	*1571	*47394	*44451
Other consumers	..	*1305	..	..	..	..	*1305	..
Non-energy use
2016								
Primary production	52905	..	3974	56879	56879
Imports	..	*42140	..	..	..	..	*42140	..
Exports	-25	-3	*-1904	*-1932	-28
International marine bunkers
International aviation bunkers	..	*-2073	..	..	..	..	*-2073	..
Stock changes
Total energy supply	..	*40067	..	52881	-3	2070	95014	56851
Statistical Difference	..	0	..	0	0	*-450	*-450	3974
Transfers
Transformation	..	*-9165	..	*-15561	8375	*3100	*-13251	*-7186
Electricity plants	..	*-9165	..	..	..	*3100	*-6065	..
Charcoal plants	*-15561	8375	..	*-7186	*-7186
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-259	*-259	..
Final consumption	..	*30902	..	*37320	*8372	*5360	*81954	*45692
Final energy consumption	..	*30902	..	*37320	*8372	*5360	*81954	*45692
Manufacturing, const., mining	..	*12829	..	*1009	..	*2574	*16411	*1009
Transport	..	*14857	..	..	..	..	*14857	..
Road	..	*14857	..	..	..	..	*14857	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*3217	..	*36311	*8372	*2786	*50686	*44683
Agriculture, forestry, fishing
Commerce and public services	..	*350	..	..	..	*1049	*1399	..
Households	..	*1562	..	*36311	*8372	*1737	*47982	*44683
Other consumers	..	*1305	..	..	..	..	*1305	..
Non-energy use

Malta

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	106	..	515	621	441
Imports	..	112595	..	232	10	3794	116632	242
Exports	..	-22317	..	..	..	..	-22317	..
International marine bunkers	..	-64869	..	..	..	..	-64869	..
International aviation bunkers	..	-4939	..	..	..	..	-4939	..
Stock changes	..	1994	..	..	..	..	1994	..
Total energy supply	..	22464	..	338	10	4309	27121	683
Statistical Difference	..	-124	..	37	0	0	-87	192
Transfers
Transformation	..	-11122	..	-45	..	4362	-6805	-45
Electricity plants	..	-11122	..	-45	..	4362	-6805	-45
Charcoal plants
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-230	-230	..
Losses	-644	-644	..
Final consumption	..	11466	..	256	10	7796	19529	446
Final energy consumption	..	11225	..	256	10	7796	19288	446
Manufacturing, const., mining	..	428	..	..	..	1494	1922	..
Transport	..	8136	..	184	..	..	8320	184
Road	..	7451	..	184	..	..	7635	184
Domestic aviation	..	88	..	..	..	..	88	..
Domestic navigation	..	597	..	..	..	..	597	..
Other transport
Other	..	2661	..	72	10	6302	9046	262
Agriculture, forestry, fishing	..	302	..	..	..	43	346	..
Commerce and public services	..	1658	..	24	..	3613	5295	24
Households	..	701	..	48	10	2542	3301	238
Other consumers	104	104	..
Non-energy use	..	241	..	..	..	..	241	..
2016								
Primary production	117	..	633	750	567
Imports	..	111324	..	377	6	5490	117197	383
Exports	..	-11677	..	..	..	..	-11677	..
International marine bunkers	..	-73967	..	..	..	..	-73967	..
International aviation bunkers	..	-5336	..	..	..	..	-5336	..
Stock changes	..	-1530	..	-74	..	..	-1604	-74
Total energy supply	..	18814	..	420	6	6123	25364	877
Statistical Difference	..	0	..	37	0	0	37	304
Transfers	..	28	..	..	..	..	28	..
Transformation	..	-7280	..	-55	..	2640	-4695	-55
Electricity plants	..	-7280	..	-55	..	2640	-4695	-55
Charcoal plants
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-184	-184	..
Losses	-778	-778	..
Final consumption	..	11563	..	329	6	7801	19699	518
Final energy consumption	..	11201	..	329	6	7801	19337	518
Manufacturing, const., mining	..	386	..	..	..	1480	1866	..
Transport	..	8096	..	258	..	..	8354	258
Road	..	7452	..	258	..	..	7709	258
Domestic aviation	..	88	..	..	..	..	88	..
Domestic navigation	..	556	..	..	..	..	556	..
Other transport
Other	..	2719	..	71	6	6322	9118	260
Agriculture, forestry, fishing	..	345	..	..	..	43	389	..
Commerce and public services	..	1599	..	25	..	3576	5200	25
Households	..	774	..	46	6	2577	3403	235
Other consumers	126	126	..
Non-energy use	..	362	..	..	..	..	362	..

Martinique

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	1228	..	536	1765	1114
Imports	..	*40408	..	..	3	..	*40411	3
Exports	..	*-6610	..	..	..	..	*-6610	..
International marine bunkers	..	-747	..	..	..	..	-747	..
International aviation bunkers	..	-3787	..	..	..	..	-3787	..
Stock changes
Total energy supply	..	*29263	..	1228	3	536	*31031	1117
Statistical Difference	..	*-2	..	0	0	9	*6	63
Transfers
Transformation	..	*-17898	..	*-920	53	5352	*-13414	*-453
Electricity plants	..	*-13881	..	*-829	..	5352	*-9358	*-415
Charcoal plants	*-91	53	..	*-39	*-39
Other transformation	..	*-4017	..	0	..	..	*-4017	0
Energy industries own use	-113	-113	..
Losses	-451	-451	..
Final consumption	..	11367	..	308	*56	5316	17048	600
Final energy consumption	..	11182	..	308	*56	5316	16863	600
Manufacturing, const., mining	..	*194	..	308	..	437	939	308
Transport	..	10218	..	..	..	..	10218	..
Road	..	9677	..	..	..	..	9677	..
Domestic aviation
Domestic navigation	..	541	..	..	..	..	541	..
Other transport
Other	..	770	..	..	*56	4879	5705	*292
Agriculture, forestry, fishing	..	209	..	..	..	15	224	..
Commerce and public services	2540	2540	*106
Households	..	*18	..	..	*56	2325	2398	*186
Other consumers	..	544	..	..	..	..	544	..
Non-energy use	..	*185	..	..	..	..	*185	..
2016								
Primary production	1219	..	555	1774	1123
Imports	..	*40195	..	..	3	..	*40198	3
Exports	..	*-6034	..	..	..	..	*-6034	..
International marine bunkers	..	-723	..	..	..	..	-723	..
International aviation bunkers	..	-4087	..	..	..	..	-4087	..
Stock changes
Total energy supply	..	*29351	..	1219	3	555	*31129	1126
Statistical Difference	..	*-5	..	0	0	-4	*-9	44
Transfers
Transformation	..	*-17944	..	-884	53	5412	*-13363	-435
Electricity plants	..	*-13932	..	-793	..	5412	*-9313	-396
Charcoal plants	*-91	53	..	*-39	*-39
Other transformation	..	*-4011	..	0	..	..	*-4011	0
Energy industries own use	-102	-102	..
Losses	-409	-409	..
Final consumption	..	11413	..	335	*56	5461	17264	646
Final energy consumption	..	11224	..	335	*56	5461	17075	646
Manufacturing, const., mining	..	*190	..	335	..	474	999	335
Transport	..	10270	..	..	..	..	10270	..
Road	..	9737	..	..	..	..	9737	..
Domestic aviation
Domestic navigation	..	533	..	..	..	..	533	..
Other transport
Other	..	764	..	..	*56	4987	5806	*311
Agriculture, forestry, fishing	..	231	..	..	..	15	246	..
Commerce and public services	2608	2608	*115
Households	..	*22	..	..	*56	2363	2441	*196
Other consumers	..	511	..	..	..	..	511	..
Non-energy use	..	*189	..	..	..	..	*189	..

Mauritania

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	11180	..	18736	..	482	30398	19218
Imports	..	*35566	..	..	..	659	*36224	..
Exports	..	*-11180	..	..	..	..	*-11180	..
International marine bunkers
International aviation bunkers	..	*-1014	..	..	..	..	*-1014	..
Stock changes
Total energy supply	..	*34551	..	18736	..	1141	*54428	19218
Statistical Difference	..	*-69	..	0	0	138	*69	482
Transfers
Transformation	..	*-8929	..	*-11603	6245	3125	*-11162	*-5358
Electricity plants	..	*-8929	..	..	..	3125	*-5804	..
Charcoal plants	*-11603	6245	..	*-5358	*-5358
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-90	-90	..
Losses	*-684	*-684	..
Final consumption	..	*25691	..	*7133	*6245	3354	*42423	*13378
Final energy consumption	..	*25394	..	*7133	*6245	3354	*42126	*13378
Manufacturing, const., mining	..	*7106	..	..	..	1295	*8401	..
Transport	..	*13803	..	..	..	..	*13803	..
Road	..	*13759	..	..	..	..	*13759	..
Domestic aviation	..	*44	..	..	..	..	*44	..
Domestic navigation
Other transport
Other	..	*4485	..	*7133	*6245	2059	*19921	*13378
Agriculture, forestry, fishing	..	*1978	..	..	..	..	*1978	..
Commerce and public services	830	830	..
Households	..	*2507	..	*7133	*6245	1229	*17113	*13378
Other consumers
Non-energy use	..	*297	..	..	..	..	*297	..
2016								
Primary production	..	9991	..	19092	..	473	29557	19566
Imports	..	*33214	..	..	..	796	*34010	..
Exports	..	*-9991	..	..	..	-206	*-10197	..
International marine bunkers
International aviation bunkers	..	*-944	..	..	..	..	*-944	..
Stock changes
Total energy supply	..	*32270	..	19092	..	1064	*52426	19566
Statistical Difference	..	0	..	0	0	50	*50	473
Transfers
Transformation	..	*-8307	..	*-11873	6390	3148	*-10641	*-5482
Electricity plants	..	*-8307	..	..	..	3148	*-5159	..
Charcoal plants	*-11873	6390	..	*-5482	*-5482
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-96	-96	..
Losses	*-677	*-677	..
Final consumption	..	*23963	..	*7219	*6390	3389	*40962	*13610
Final energy consumption	..	*23666	..	*7219	*6390	3389	*40664	*13610
Manufacturing, const., mining	..	*6614	..	..	..	1287	*7900	..
Transport	..	*12850	..	..	..	..	*12850	..
Road	..	*12806	..	..	..	..	*12806	..
Domestic aviation	..	*44	..	..	..	..	*44	..
Domestic navigation
Other transport
Other	..	*4202	..	*7219	*6390	2102	*19914	*13610
Agriculture, forestry, fishing	..	*1871	..	..	..	..	*1871	..
Commerce and public services	838	838	..
Households	..	*2332	..	*7219	*6390	1264	*17205	*13610
Other consumers
Non-energy use	..	*297	..	..	..	..	*297	..

Mauritius

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	..	..	11333	..	542	11875	11875
Imports	20743	54697	..	..	..	..	75440	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	-11735	..	..	..	..	-11735	..
International aviation bunkers	..	-6262	..	..	..	..	-6262	..
Stock changes	-2141	-634	..	..	..	..	-2776	..
Total energy supply	18602	36066	..	11333	..	542	66542	11875
Statistical Difference	26	43	..	-2	0	14	81	540
Transfers	..	..	..	..	..	..	..	..
Transformation	-17647	-9379	..	-9669	18	10242	-26435	-9651
Electricity plants	-17647	-9379	..	-9649	..	10242	-26432	-9649
Charcoal plants	..	..	..	-20	18	..	-2	-2
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-1109	-1109	..
Losses	..	..	..	..	..	-641	-641	..
Final consumption	929	26644	..	1666	18	9020	38277	1684
Final energy consumption	929	25908	..	1666	18	9020	37541	1684
Manufacturing, const., mining	929	3370	..	1538	..	2614	8450	1538
Transport	..	19425	..	..	..	..	19425	..
Road	..	13836	..	..	..	..	13836	..
Domestic aviation	..	5292	..	..	..	..	5292	..
Domestic navigation	..	297	..	..	..	..	297	..
Other transport	..	..	..	..	..	..	..	..
Other	..	3113	..	128	18	6407	9665	146
Agriculture, forestry, fishing	..	86	..	..	..	78	164	..
Commerce and public services	..	..	..	..	..	3303	3303	..
Households	..	2318	..	128	3	2993	5441	131
Other consumers	..	710	..	..	15	32	757	15
Non-energy use	..	736	..	..	..	..	736	..
2016								
Primary production	..	..	..	10167	..	480	10647	10647
Imports	23878	63046	..	..	..	..	86924	..
Exports	..	*-4304	..	..	..	..	*-4304	..
International marine bunkers	..	-13923	..	..	..	..	-13923	..
International aviation bunkers	..	-6245	..	..	..	..	-6245	..
Stock changes	-4930	-1096	..	..	..	..	-6026	..
Total energy supply	18948	37479	..	10167	..	480	67074	10647
Statistical Difference	5	345	..	13	0	28	391	493
Transfers	..	..	..	..	..	..	..	..
Transformation	-18091	-8774	..	-8797	15	10420	-25227	-8782
Electricity plants	-18091	-8774	..	-8789	..	10420	-25234	-8789
Charcoal plants	..	..	..	-7	15	..	8	8
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-1042	-1042	..
Losses	..	..	..	..	..	-619	-619	..
Final consumption	851	28360	..	1357	15	9211	39794	1372
Final energy consumption	851	27717	..	1357	15	9211	39151	1372
Manufacturing, const., mining	851	3270	..	1234	..	2670	8025	1234
Transport	..	21236	..	..	..	..	21236	..
Road	..	14581	..	..	..	..	14581	..
Domestic aviation	..	6259	..	..	..	..	6259	..
Domestic navigation	..	396	..	..	..	..	396	..
Other transport	..	..	..	..	..	..	..	..
Other	..	3211	..	123	15	6541	9891	138
Agriculture, forestry, fishing	..	97	..	..	..	92	189	..
Commerce and public services	..	..	..	..	..	3345	3345	..
Households	..	3114	..	123	3	3077	6317	126
Other consumers	..	..	..	..	12	27	39	12
Non-energy use	..	643	..	..	..	..	643	..

Mayotte

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	242	..	66	309	303
Imports	..	4968	..	..	*32	..	5000	*32
Exports
International marine bunkers	..	*-108	..	..	..	..	*-108	..
International aviation bunkers	..	-187	..	..	..	..	-187	..
Stock changes
Total energy supply	..	4673	..	242	*32	66	5014	335
Statistical Difference	..	4	..	0	0	3	7	*54
Transfers	..	*4	..	..	..	..	*4	..
Transformation	..	*-2687	..	..	..	1077	*-1610	..
Electricity plants	..	*-2683	..	..	..	1077	*-1606	..
Charcoal plants
Other transformation	..	*-4	..	..	..	..	*-4	..
Energy industries own use	-61	-61	..
Losses	*-36	*-36	..
Final consumption	..	*1985	..	*242	*32	*1043	*3303	*281
Final energy consumption	..	*1985	..	*242	*32	*1043	*3303	*281
Manufacturing, const., mining
Transport	..	*1761	..	..	..	..	*1761	..
Road	..	*1761	..	..	..	..	*1761	..
Domestic aviation	..	1	..	..	..	..	1	..
Domestic navigation
Other transport
Other	..	*224	..	*242	*32	*1043	*1542	*281
Agriculture, forestry, fishing
Commerce and public services	*355	*355	..
Households	..	*224	..	*242	*32	*689	*1187	*281
Other consumers
Non-energy use
2016								
Primary production	242	..	65	307	301
Imports	..	5238	..	..	*32	..	5270	*32
Exports
International marine bunkers	..	*-112	..	..	..	..	*-112	..
International aviation bunkers	..	-261	..	..	..	..	-261	..
Stock changes
Total energy supply	..	4864	..	242	*32	65	5204	334
Statistical Difference	..	0	..	0	0	-6	-6	*53
Transfers	..	*4	..	..	..	..	*4	..
Transformation	..	*-2849	..	..	..	1120	*-1729	..
Electricity plants	..	*-2845	..	..	..	1120	*-1725	..
Charcoal plants
Other transformation	..	*-4	..	..	..	..	*-4	..
Energy industries own use	-63	-63	..
Losses	*-36	*-36	..
Final consumption	..	*2019	..	*242	*32	*1092	*3386	*281
Final energy consumption	..	*2019	..	*242	*32	*1092	*3386	*281
Manufacturing, const., mining
Transport	..	*1778	..	..	..	..	*1778	..
Road	..	*1777	..	..	..	..	*1777	..
Domestic aviation	..	1	..	..	..	..	1	..
Domestic navigation
Other transport
Other	..	*242	..	*242	*32	*1092	*1609	*281
Agriculture, forestry, fishing
Commerce and public services	*390	*390	..
Households	..	*242	..	*242	*32	*702	*1218	*281
Other consumers
Non-energy use

Mexico

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	242716	..	5366208	..	1438846	361164	125032	143302	237003	7914271	740997
Imports	201842	19534	13590	1446492	1263359	..	..	5940	..	2950757	..
Exports	-88	..	-2535124	-407631	-1026	..	..	-8352	..	-2952220	..
International marine bunkers	..	..	..	-35917	..	..	..	..	..	-35917	..
International aviation bunkers	..	..	..	-142842	..	..	..	..	..	-142842	..
Stock changes	16053	..	14974	10964	6103	..	..	..	..	48094	..
Total energy supply	460523	19534	2859649	871066	2707282	361164	125032	140890	237003	7782142	740997
Statistical difference	-91508	1	-88363	-55972	136130	0	0	-19357	0	-119068	166093
Transfers	..	..	..	7416	..	..	..	..	..	7416	..
Transformation	-423562	33813	-2948011	2340006	-1427992	-70848	-125032	975287	-227916	-1874256	-275500
Electricity plants	-353097	-5965	..	-297672	-1272712	-69462	-125032	920012	-227916	-1431843	-274114
CHP plants	..	..	..	-22853	-175773	-1386	..	56783	..	-143229	-1386
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-70465	69669	..	..	..	..	..	..	..	-796	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	2232	..	..	..	..	..	..	2232	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-29892	..	..	..	..	..	..	..	-29892	..
NGL plants & gas blending	..	..	-305952	284158	20492	..	..	..	..	-1302	..
Oil refineries	..	..	-2644291	2376592	..	..	..	..	..	-267699	..
Other transformation	..	..	..	-219	..	..	..	..	..	-219	..
Energy industries own use	..	-16291	..	-244292	-559679	..	..	-62410	..	-882672	..
Losses	..	..	..	..	..	..	..	-146304	..	-146304	..
Final consumption	128468	37055	..	3030168	583480	*290316	..	926820	9087	5005394	*299403
Final energy consumption	128468	33611	..	2839560	563135	*290316	..	926820	9087	4790998	*299403
Manufacturing, const., mining	128468	33611	..	264784	519017	*37152	..	503964	462	1487458	*37614
Iron and steel	..	33557	..	4373	119906	..	..	19220	..	177057	..
Chemical and petrochemical	..	..	..	12252	123774	..	..	21373	..	157400	..
Non-ferrous metals	..	..	..	..	..	..	..	2956	..	2956	..
Non-metallic minerals	6570	..	..	126903	53531	..	..	39355	..	226360	..
Transport equipment	..	..	..	903	4739	..	..	9209	..	14850	..
Machinery	..	..	..	1995	..	..	..	..	..	1995	..
Mining and quarrying	..	..	..	14000	8791	..	..	38113	..	60904	..
Food and tobacco	..	..	..	8276	14216	*37150	..	7517	..	*67159	*37150
Paper, pulp and printing	..	..	..	6763	27419	..	..	10901	..	45083	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	259	..	259	..
Construction	..	..	..	11051	..	..	..	1868	..	12919	..
Industries n.e.s	121898	54	..	78268	166639	*2	..	353192	462	720516	*464
Transport	..	..	..	2123506	693	..	..	4082	..	2128282	..
Road	..	..	..	2061289	693	..	..	..	..	2061982	..
Rail	..	..	..	28380	..	..	..	4082	..	32462	..
Domestic aviation	..	..	..	620	..	..	..	..	..	620	..
Domestic navigation	..	..	..	33217	..	..	..	..	..	33217	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	451270	43426	*253164	..	418774	8625	1175258	*261789
Agriculture, forestry, fishing	..	..	..	132247	..	..	..	36212	..	168459	..
Commerce, public services	..	..	..	67016	10920	..	..	85604	3424	166964	3424
Households	..	..	..	252008	32506	*253164	..	201550	5201	744428	*258365
Other consumers	..	..	..	..	..	..	..	95407	..	95407	..
Non-energy use	..	3444	..	190608	20345	..	..	..	..	214396	..

Mexico

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	291395	..	5108051	..	1274171	362894	114124	148781	231508	7530924	742631
Imports	204490	31515	16590	1786880	1488579	..	..	8035	..	3536090	..
Exports	-59	..	-2675348	-391352	-915	..	..	-7085	..	-3074759	..
International marine bunkers	..	..	..	-37829	..	..	..	..	..	-37829	..
International aviation bunkers	..	..	..	-153779	..	..	..	..	..	-153779	..
Stock changes	-9018	..	-5414	-448	9058	..	..	..	..	-5823	..
Total energy supply	486808	31515	2443878	1203472	2770893	362894	114124	149731	231508	7794824	742631
Statistical difference	18378	0	-1946	-76544	153654	0	0	-40658	0	52884	170914
Transfers	..	..	..	7545	..	..	..	..	..	7545	..
Transformation	-420726	17874	-2445824	2083616	-1506326	-72728	-114124	1004490	-221328	-1675076	-271371
Electricity plants	-367229	-5189	..	-315913	-1325974	-71593	-114124	943744	-221328	-1477605	-270236
CHP plants	..	..	..	-27237	-190145	-1135	..	60746	..	-157770	-1135
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-53497	52746	..	..	..	..	..	..	..	-751	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	1332	..	..	..	..	..	..	1332	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-29683	..	..	..	..	..	..	..	-29683	..
NGL plants & gas blending	..	..	-290880	286867	9792	..	..	..	..	5778	..
Oil refineries	..	..	-2156276	2139992	..	..	..	..	..	-16284	..
Other transformation	..	..	..	-93	..	..	..	..	..	-93	..
Energy industries own use	..	-15752	..	-235318	-513957	..	..	-77551	..	-842579	..
Losses	..	..	..	..	..	..	..	-144007	..	-144007	..
Final consumption	47704	33637	..	3135859	596956	*290166	..	973321	10180	5087823	*300346
Final energy consumption	47704	31005	..	2941908	576061	*290166	..	973321	10180	4870346	*300346
Manufacturing, const., mining	47704	31005	..	299007	533903	*38279	..	525402	519	1475819	*38798
Iron and steel	..	30933	..	4654	125892	..	..	19350	..	180829	..
Chemical and petrochemical	..	..	..	18565	119382	..	..	21154	..	159101	..
Non-ferrous metals	..	..	..	..	..	..	..	2894	..	2894	..
Non-metallic minerals	6916	..	..	129671	56296	..	..	42077	..	234960	..
Transport equipment	..	..	..	946	4839	..	..	9623	..	15408	..
Machinery	..	..	..	2190	..	..	..	..	..	2190	..
Mining and quarrying	..	..	..	14594	8743	..	..	40630	..	63966	..
Food and tobacco	..	..	..	9082	15518	*33165	..	8226	..	*65991	*33165
Paper, pulp and printing	..	..	..	11538	29131	..	..	11934	..	52603	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	270	..	270	..
Construction	..	..	..	11481	..	..	..	1998	..	13479	..
Industries n.e.s	40789	72	..	96286	174101	*5114	..	367247	519	684127	*5633
Transport	..	..	..	2200062	956	..	..	4104	..	2205122	..
Road	..	..	..	2134103	956	..	..	..	..	2135058	..
Rail	..	..	..	28380	..	..	..	4104	..	32484	..
Domestic aviation	..	..	..	576	..	..	..	..	..	576	..
Domestic navigation	..	..	..	37004	..	..	..	..	..	37004	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	442839	41203	*251887	..	443815	9661	1189405	*261548
Agriculture, forestry, fishing	..	..	..	133928	..	..	..	40806	..	174734	..
Commerce, public services	..	..	..	65510	10522	..	..	86382	3802	166216	3802
Households	..	..	..	243401	30681	*251887	..	212278	5859	744105	*257746
Other consumers	..	..	..	..	..	..	..	104350	..	104350	..
Non-energy use	..	2632	..	193951	20894	..	..	..	..	217477	..

Micronesia (Fed. States of)

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	24	..	4	28	28
Imports	..	2521	..	2	..	..	2524	2
Exports
International marine bunkers	..	-133	..	..	..	..	-133	..
International aviation bunkers	..	-295	..	..	..	..	-295	..
Stock changes
Total energy supply	..	2093	..	26	..	4	2123	30
Statistical Difference	..	13	..	0	0	0	13	4
Transfers
Transformation	..	-834	..	*-20	11	236	-607	*-9
Electricity plants	..	-834	..	..	..	236	-598	..
Charcoal plants	*-20	11	..	*-9	*-9
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-5	-5	..
Losses	*-70	*-70	..
Final consumption	..	*1245	..	*6	*11	166	*1428	*17
Final energy consumption	..	*1165	..	*6	*11	166	*1348	*17
Manufacturing, const., mining	54	54	..
Transport	..	*1123	..	..	..	..	*1123	..
Road	..	*222	..	..	..	..	*222	..
Domestic aviation	..	26	..	..	..	..	26	..
Domestic navigation	..	*569	..	..	..	..	*569	..
Other transport	..	*305	..	..	..	..	*305	..
Other	..	*42	..	*6	*11	112	171	*17
Agriculture, forestry, fishing
Commerce and public services	52	52	..
Households	*6	..	60	66	*6
Other consumers	..	*42	..	..	*11	..	*53	*11
Non-energy use	..	*80	..	..	..	..	*80	..
2016								
Primary production	24	..	8	32	32
Imports	..	*2521	..	2	..	..	*2524	2
Exports
International marine bunkers	..	*-133	..	..	..	..	*-133	..
International aviation bunkers	..	*-265	..	..	..	..	*-265	..
Stock changes
Total energy supply	..	*2123	..	26	..	8	*2157	34
Statistical Difference	..	*42	..	0	0	*1	*43	8
Transfers
Transformation	..	*-834	..	*-20	11	*236	*-607	*-9
Electricity plants	..	*-834	..	..	..	*236	*-598	..
Charcoal plants	*-20	11	..	*-9	*-9
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-8	-8	..
Losses	*-70	*-70	..
Final consumption	..	*1247	..	*6	*11	*166	*1430	*17
Final energy consumption	..	*1166	..	*6	*11	*166	*1349	*17
Manufacturing, const., mining	*54	*54	..
Transport	..	*1124	..	..	..	..	*1124	..
Road	..	*222	..	..	..	..	*222	..
Domestic aviation	..	*26	..	..	..	..	*26	..
Domestic navigation	..	*570	..	..	..	..	*570	..
Other transport	..	*305	..	..	..	..	*305	..
Other	..	*42	..	*6	*11	*112	*171	*17
Agriculture, forestry, fishing
Commerce and public services	*52	*52	..
Households	*6	..	*60	*66	*6
Other consumers	..	*42	..	..	*11	..	*53	*11
Non-energy use	..	*80	..	..	..	..	*80	..

Mongolia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	604880	..	43899	..	..	5481	..	..	..	654259	5481
Imports	23	..	..	47695	..	0	..	5100	..	52819	0
Exports	-377005	..	-40722	..	..	..	..	-183	..	-417910	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	-13855	..	-3177	..	..	..	..	..	..	-17032	..
Total energy supply	214043	..	0	47695	..	5481	..	4918	..	272137	5481
Statistical difference	-76	..	0	-13	..	0	..	126	0	36	0
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-116160	..	..	-3311	..	..	..	19848	44713	-54911	..
Electricity plants	..	..	..	-3182	..	..	..	*796	..	-2386	..
CHP plants	-116160	..	..	-129	..	..	..	*19052	44713	-52525	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	..	..	..	..	-2802	-2710	-5512	..
Losses	-4250	..	..	..	..	..	..	-2817	-1362	-8429	..
Final consumption	93708	..	..	44397	..	*5481	..	19021	40641	203248	*5481
Final energy consumption	93708	..	..	44397	..	*5481	..	19021	40641	203248	*5481
Manufacturing, const., mining	1093	..	..	..	..	..	..	11741	9874	22708	..
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	1093	..	..	..	..	..	..	11741	9874	22708	..
Transport	718	..	..	19204	..	..	..	779	..	20701	..
Road	..	..	..	19204	..	..	..	..	..	19204	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	718	..	..	..	..	..	..	779	..	1497	..
Other	91898	..	..	25193	..	*5481	..	6500	30767	159839	*5481
Agriculture, forestry, fishing	198	..	..	..	..	..	..	197	199	595	..
Commerce, public services	6727	..	..	..	..	..	..	..	12328	19056	..
Households	11008	..	..	..	..	*5481	..	4599	16913	38001	*5481
Other consumers	73964	..	..	25193	..	..	..	1704	1326	102187	..
Non-energy use	..	..	..	..	..	..	..	..	..	..	..

Mongolia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	912143	..	41297	..	..	5481	..	..	..	958922	5481
Imports	14	..	..	43317	..	0	..	5207	..	48538	0
Exports	-675953	..	-40126	..	..	..	..	-130	..	-716208	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	3825	..	-1172	..	..	..	..	..	..	2653	..
Total energy supply	240030	..	0	43317	..	5481	..	5077	..	293905	5481
Statistical difference	-300	..	0	0	..	0	..	237	0	-63	0
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-117618	..	..	-2767	..	..	..	20402	45213	-54771	..
Electricity plants	..	..	..	-2662	..	..	..	817	..	-1844	..
CHP plants	-117618	..	..	-105	..	..	..	19584	45213	-52927	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	..	..	..	..	-2695	-2367	-5063	..
Losses	-5951	..	..	..	..	..	..	-2942	-1335	-10227	..
Final consumption	116761	..	..	40551	..	*5481	..	19605	41511	223908	*5481
Final energy consumption	116761	..	..	40551	..	*5481	..	19605	41511	223908	*5481
Manufacturing, const., mining	2616	..	..	..	..	..	..	12083	9902	24600	..
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	2616	..	..	..	..	..	..	12083	9902	24600	..
Transport	716	..	..	17042	..	..	..	802	..	18561	..
Road	..	..	..	17042	..	..	..	..	..	17042	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	716	..	..	..	..	..	..	802	..	1519	..
Other	113429	..	..	23508	..	*5481	..	6719	31609	180747	*5481
Agriculture, forestry, fishing	141	..	..	..	..	..	..	204	202	547	..
Commerce, public services	12288	..	..	..	..	..	..	..	12702	24990	..
Households	15172	..	..	..	..	*5481	..	4757	17207	42616	*5481
Other consumers	85829	..	..	23508	..	..	..	1759	1498	112594	..
Non-energy use	..	..	..	..	..	..	..	..	..	..	..

Montenegro

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	16329	..	..	..	..	8304	..	5368	..	30001	13671
Imports	46	..	..	12942	..	55	..	3744	..	16787	55
Exports	-543	..	..	-696	..	-961	..	-1861	..	-4061	-961
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-794	..	..	..	..	..	-794	..
Stock changes	..	..	..	297	..	..	..	..	..	297	..
Total energy supply	15832	..	..	11750	..	7398	..	7250	..	42230	12765
Statistical difference	0	..	..	0	..	20	..	468	..	488	5387
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-15362	..	..	..	..	-202	..	5443	..	-10121	-202
Electricity plants	-15362	..	..	..	..	..	..	5443	..	-9919	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	-202	..	..	..	-202	-202
Energy industries own use	..	..	..	0	..	..	..	-472	..	-472	..
Losses	..	..	..	..	..	..	..	-2110	..	-2110	..
Final consumption	470	..	..	11750	..	7176	..	9644	..	29040	7176
Final energy consumption	470	..	..	10560	..	7176	..	9644	..	27851	7176
Manufacturing, const., mining	276	..	..	2092	..	402	..	2761	..	5531	402
Iron and steel	221	..	..	88	..	..	..	151	..	460	..
Chemical and petrochemical	..	..	..	83	..	100	..	25	..	209	100
Non-ferrous metals	..	..	..	0	..	..	..	2311	..	2311	..
Non-metallic minerals	..	..	..	86	..	9	..	18	..	113	9
Transport equipment	..	..	..	0	..	..	..	0	..	0	..
Machinery	9	..	..	90	..	18	..	25	..	143	18
Mining and quarrying	..	..	..	172	..	..	..	7	..	179	..
Food and tobacco	28	..	..	440	..	247	..	112	..	826	247
Paper, pulp and printing	..	..	..	0	..	..	..	11	..	11	..
Wood and wood products	9	..	..	387	..	9	..	40	..	445	9
Textile and leather	..	..	..	..	..	..	..	4	..	4	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	9	..	..	745	..	18	..	58	..	830	18
Transport	..	..	..	7773	..	..	..	72	..	7845	..
Road	..	..	..	7647	..	..	..	..	..	7647	..
Rail	..	..	..	0	..	..	..	72	..	72	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	126	..	..	..	..	..	126	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	0	..	..	..	..	..	0	..
Other	193	..	..	695	..	6774	..	6811	..	14474	6774
Agriculture, forestry, fishing	..	..	..	300	..	..	..	50	..	350	..
Commerce, public services	64	..	..	348	..	274	..	2286	..	2973	274
Households	129	..	..	47	..	6501	..	4475	..	11152	6501
Other consumers	..	..	..	0	..	..	..	..	..	0	..
Non-energy use	..	..	..	1190	..	..	..	..	..	1190	..

Montenegro

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	12876	..	..	..	..	8395	..	6635	..	27905	15030
Imports	46	..	..	15278	..	52	..	4356	..	19731	52
Exports	-387	..	..	-652	..	-1108	..	-3262	..	-5408	-1108
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-838	..	..	..	..	..	-838	..
Stock changes	..	..	..	-644	..	..	..	..	..	-644	..
Total energy supply	12535	..	..	13144	..	7338	..	7729	..	40747	13973
Statistical difference	0	..	..	0	..	-9	..	414	..	405	6626
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-12028	..	..	..	..	-278	..	4673	..	-7633	-278
Electricity plants	-12028	..	..	..	..	..	..	4673	..	-7355	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	-278	..	..	..	-278	-278
Energy industries own use	..	..	..	0	..	..	..	-425	..	-425	..
Losses	..	..	..	..	..	..	..	-1948	..	-1948	..
Final consumption	507	..	..	13144	..	7070	..	9616	..	30336	7070
Final energy consumption	507	..	..	11766	..	7070	..	9616	..	28958	7070
Manufacturing, const., mining	258	..	..	2000	..	402	..	2376	..	5036	402
Iron and steel	203	..	..	0	..	..	..	126	..	329	..
Chemical and petrochemical	..	..	..	83	..	100	..	25	..	209	100
Non-ferrous metals	..	..	..	0	..	..	..	1958	..	1958	..
Non-metallic minerals	..	..	..	86	..	9	..	14	..	110	9
Transport equipment	..	..	..	0	..	..	..	0	..	0	..
Machinery	9	..	..	90	..	18	..	22	..	139	18
Mining and quarrying	..	..	..	215	..	..	..	7	..	222	..
Food and tobacco	28	..	..	393	..	247	..	112	..	779	247
Paper, pulp and printing	..	..	..	0	..	..	..	14	..	14	..
Wood and wood products	9	..	..	430	..	9	..	43	..	492	9
Textile and leather	..	..	..	..	..	9	..	4	..	13	9
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	9	..	..	702	..	9	..	50	..	771	9
Transport	..	..	..	9150	..	..	..	76	..	9226	..
Road	..	..	..	9024	..	..	..	..	..	9024	..
Rail	..	..	..	0	..	..	..	76	..	76	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	126	..	..	..	..	..	126	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	0	..	..	..	..	..	0	..
Other	249	..	..	616	..	6668	..	7164	..	14697	6668
Agriculture, forestry, fishing	..	..	..	173	..	..	..	50	..	224	..
Commerce, public services	64	..	..	396	..	274	..	2610	..	3344	274
Households	184	..	..	47	..	6394	..	4504	..	11129	6394
Other consumers	..	..	..	0	..	..	..	..	..	0	..
Non-energy use	..	..	..	1378	..	..	..	..	..	1378	..

Montserrat

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production
Imports	..	814	..	..	..	..	814	..
Exports
International marine bunkers	..	*-43	..	..	..	..	*-43	..
International aviation bunkers	..	-9	..	..	..	..	-9	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	..	762	..	..	..	..	762	..
Statistical Difference	..	0	..	..	..	*4	4	..
Transfers
Transformation	..	*-237	..	..	..	*86	*-150	..
Electricity plants	..	*-237	..	..	..	*86	*-150	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	*-7	*-7	..
Losses	*4	*-4	..
Final consumption	..	*526	..	..	..	71	*597	..
Final energy consumption	..	*522	..	..	..	71	*593	..
Manufacturing, const., mining	*32	*32	..
Transport	..	*476	..	..	..	..	*476	..
Road	..	*261	..	..	..	..	*261	..
Domestic aviation
Domestic navigation
Other transport	..	*215	..	..	..	..	*215	..
Other	..	*46	..	..	..	39	*84	..
Agriculture, forestry, fishing
Commerce and public services	19	19	..
Households	..	*46	..	..	..	20	*65	..
Other consumers
Non-energy use	..	4	..	..	..	..	4	..
2016								
Primary production
Imports	..	465	..	..	..	..	465	..
Exports
International marine bunkers	..	*-43	..	..	..	..	*-43	..
International aviation bunkers	..	*-4	..	..	..	..	*-4	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	..	418	..	..	..	..	418	..
Statistical Difference	..	0	..	..	..	*4	4	..
Transfers
Transformation	..	*-194	..	..	..	*72	*-122	..
Electricity plants	..	*-194	..	..	..	*72	*-122	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	*4	*-4	..
Final consumption	..	*224	..	..	..	*65	*289	..
Final energy consumption	..	*220	..	..	..	*65	*285	..
Manufacturing, const., mining	*29	*29	..
Transport	..	*189	..	..	..	..	*189	..
Road	..	*128	..	..	..	..	*128	..
Domestic aviation
Domestic navigation
Other transport	..	*60	..	..	..	..	*60	..
Other	..	*32	..	..	..	*36	*68	..
Agriculture, forestry, fishing
Commerce and public services	*18	*18	..
Households	..	*32	..	..	..	*18	*50	..
Other consumers
Non-energy use	..	4	..	..	..	..	4	..

Morocco

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	..	..	212	..	2773	43084	..	15880	..	61949	55933
Imports	178490	..	114056	454971	39739	..	..	18497	..	805753	..
Exports	..	..	..	-19264	..	..	..	-594	..	-19858	..
International marine bunkers	..	..	..	-5595	..	..	..	..	..	-5595	..
International aviation bunkers	..	..	..	-27783	..	..	..	..	..	-27783	..
Stock changes	7598	..	-3053	-19946	..	..	..	..	..	-15400	..
Total energy supply	186088	..	111215	382384	42512	43084	..	33782	..	799065	55933
Statistical difference	28	..	0	-1385	152	0	..	-4	..	-1209	15880
Transfers	..	..	..	-1181	..	..	..	..	..	-1181	..
Transformation	-185314	..	-111215	86486	-39587	-788	..	95076	..	-155342	-788
Electricity plants	-185314	..	..	-24347	-39587	..	..	95076	..	-154172	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-111215	109874	..	..	..	..	..	-1341	..
Other transformation	..	..	..	1173	..	-788	..	..	..	385	-788
Energy industries own use	..	..	..	-9715	..	..	..	-1228	..	-10943	..
Losses	..	..	..	..	..	..	..	-19854	..	-19854	..
Final consumption	746	..	..	459359	2773	42296	..	107780	..	612954	39265
Final energy consumption	746	..	..	437088	2773	42296	..	107780	..	590684	39265
Manufacturing, const., mining	746	..	..	83362	2773	4674	..	39110	..	130665	1643
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	2514	..	445	..	3586	..	6545	85
Non-ferrous metals	83	..	..	2725	..	..	..	4626	..	7434	..
Non-metallic minerals	0	..	..	48479	..	4044	..	7585	..	60108	1373
Transport equipment	..	..	..	133	..	..	..	662	..	796	..
Machinery	..	..	..	47	..	..	..	2117	..	2164	..
Mining and quarrying	..	..	..	15019	866	..	..	9320	..	25205	..
Food and tobacco	663	..	..	8256	..	120	..	5764	..	14802	120
Paper, pulp and printing	..	..	..	1010	1907	..	..	994	..	3911	..
Wood and wood products	..	..	..	..	..	..	..	112	..	112	..
Textile and leather	..	..	..	2147	..	33	..	2635	..	4815	33
Construction	..	..	..	2168	..	22	..	986	..	3176	22
Industries n.e.s	0	..	..	864	0	11	..	724	..	1599	11
Transport	..	..	..	216136	..	..	..	1242	..	217378	..
Road	..	..	..	214646	..	..	..	..	..	214646	..
Rail	..	..	..	387	..	..	..	1242	..	1629	..
Domestic aviation	..	..	..	1103	..	..	..	..	..	1103	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	137590	..	37623	..	67428	..	242641	37623
Agriculture, forestry, fishing	..	..	..	33656	..	..	..	12553	..	46209	..
Commerce, public services	..	..	..	5579	..	19797	..	18331	..	43707	19797
Households	..	..	..	98195	..	17825	..	36544	..	152564	17825
Other consumers	..	..	..	161	..	..	..	..	..	161	..
Non-energy use	..	..	..	22271	..	..	..	..	..	22271	..

Morocco

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	..	..	212	..	2552	67480	..	15322	4320	89886	84112
Imports	185804	..	..	532899	40678	..	..	19040	..	778422	..
Exports	..	..	..	-524	..	..	..	-486	..	-1010	..
International marine bunkers	..	..	..	-5595	..	..	..	..	..	-5595	..
International aviation bunkers	..	..	..	-28312	..	..	..	..	..	-28312	..
Stock changes	-6466	..	..	3724	..	..	..	..	..	-2742	..
Total energy supply	179338	..	212	502192	43231	67480	..	33876	4320	830648	84112
Statistical difference	0	..	212	-1550	117	0	..	-4	0	-1225	16762
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-178592	..	..	-31664	-40561	-1709	..	98921	-4320	-157925	-4589
Electricity plants	-178592	..	..	-31664	-40561	..	..	98921	-4320	-156217	-2880
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	0	..	..	..	..	..	0	..
Other transformation	..	..	..	..	..	-1709	..	..	..	-1709	-1709
Energy industries own use	..	..	..	..	..	..	..	-619	..	-619	..
Losses	..	..	..	..	..	..	..	-20354	..	-20354	..
Final consumption	746	..	..	472078	2552	65771	..	111827	..	652974	62762
Final energy consumption	746	..	..	450933	2552	65771	..	111827	..	631829	62762
Manufacturing, const., mining	746	..	..	75773	2552	5244	..	40284	..	124600	2235
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	2191	..	445	..	3694	..	6329	*85
Non-ferrous metals	83	..	..	2402	..	..	..	4763	..	7248	..
Non-metallic minerals	..	..	..	46229	..	4507	..	7816	..	58552	1858
Transport equipment	..	..	..	176	..	..	..	670	..	846	..
Machinery	..	..	..	47	..	..	..	2138	..	2186	..
Mining and quarrying	..	..	..	12777	941	..	..	9601	..	23320	..
Food and tobacco	663	..	..	6400	..	202	..	5936	..	13202	202
Paper, pulp and printing	..	..	..	727	1611	..	..	1044	..	3382	..
Wood and wood products	..	..	..	..	..	11	..	112	..	122	11
Textile and leather	..	..	..	1663	..	49	..	2714	..	4426	49
Construction	..	..	..	2297	..	30	..	1015	..	3342	30
Industries n.e.s	0	..	..	864	0	0	..	781	..	1646	0
Transport	..	..	..	230718	..	..	..	1267	..	231985	..
Road	..	..	..	229228	..	..	..	..	..	229228	..
Rail	..	..	..	387	..	..	..	1267	..	1654	..
Domestic aviation	..	..	..	1103	..	..	..	..	..	1103	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	144441	..	60527	..	70276	..	275244	60527
Agriculture, forestry, fishing	..	..	..	35648	..	..	..	14033	..	49681	..
Commerce, public services	..	..	..	5850	..	32586	..	18554	..	56990	32586
Households	..	..	..	102783	..	27941	..	37688	..	168412	27941
Other consumers	..	..	..	161	..	..	..	..	..	161	..
Non-energy use	..	..	..	21145	..	..	..	..	..	21145	..

Mozambique

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	180314	..	..	..	171283	396632	..	61537	..	809765	458169
Imports	..	..	..	50912	..	..	..	37970	..	88882	..
Exports	-131363	..	..	..	-139408	..	..	-46354	..	-317125	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	*-1985	..	..	..	..	..	*-1985	..
Stock changes	*-44175	..	..	884	..	..	..	..	..	*-43291	..
Total energy supply	4775	..	..	49811	31875	396632	..	53154	..	536247	458169
Statistical difference	183	..	..	1497	324	0	..	-671	..	1333	61537
Transfers	..	..	..	-8	..	..	..	..	..	-8	..
Transformation	..	..	..	-215	-21215	-52892	..	9168	..	-65154	-52892
Electricity plants	..	..	..	*-215	-21215	..	..	9168	..	-12262	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	-52892	..	..	..	-52892	-52892
Energy industries own use	0	..	..	..	..	..	..	-856	..	-856	..
Losses	..	..	..	..	..	..	..	-18289	..	-18289	..
Final consumption	4592	..	..	48091	10335	*343740	..	43847	..	*450606	*343740
Final energy consumption	4592	..	..	48091	10335	*343740	..	43847	..	*450606	*343740
Manufacturing, const., mining	0	..	..	3225	5626	47201	..	35279	..	91331	47201
Iron and steel	..	..	..	..	0	..	..	..	..	0	..
Chemical and petrochemical	..	..	..	..	0	..	..	..	..	0	..
Non-ferrous metals	..	..	..	..	5626	..	..	29385	..	35011	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	0	..	..	..	..	0	..
Paper, pulp and printing	..	..	..	..	0	..	..	..	..	0	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	0	..	..	..	..	..	0	..
Industries n.e.s	0	..	..	3225	0	47201	..	5894	..	56320	47201
Transport	..	..	..	33710	100	..	..	..	..	33810	..
Road	..	..	..	32201	100	..	..	..	..	32302	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	1508	..	..	..	..	..	1508	..
Domestic navigation	..	..	..	0	..	..	..	..	..	0	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	4592	..	..	11157	4609	*296539	..	8568	..	*325464	*296539
Agriculture, forestry, fishing	..	..	..	9030	..	..	..	107	..	9137	..
Commerce, public services	..	..	..	274	8	1180	..	2527	..	3990	1180
Households	..	..	..	1454	22	*295359	..	5935	..	*302769	*295359
Other consumers	4592	..	..	399	4578	..	..	0	..	9569	..
Non-energy use	..	..	..	..	..	..	..	..	..	..	..

Mozambique

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	147676	..	..	..	129990	411448	..	56137	..	745250	467585
Imports	..	..	..	84359	..	..	..	35739	..	120098	..
Exports	-213671	..	..	..	-105872	..	..	-51369	..	-370913	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	*-2029	..	..	..	..	..	*-2029	..
Stock changes	*66565	..	..	*-2768	..	..	..	..	..	*63798	..
Total energy supply	570	..	..	79563	24117	411448	..	40506	..	556205	467585
Statistical difference	3	..	..	442	-7853	0	..	1563	..	-5846	56137
Transfers	..	..	..	-13	..	..	..	..	..	-13	..
Transformation	..	..	..	-215	-21903	-80071	..	11172	..	-91016	-80071
Electricity plants	..	..	..	*-215	-21903	..	..	11172	..	-10945	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	-80071	..	..	..	-80071	-80071
Energy industries own use	0	..	..	..	..	..	..	-208	..	-208	..
Losses	..	..	..	..	..	..	..	-8928	..	-8928	..
Final consumption	568	..	..	78892	10068	*331377	..	40980	..	*461886	*331377
Final energy consumption	568	..	..	78892	10068	*331377	..	40980	..	*461886	*331377
Manufacturing, const., mining	0	..	..	5513	5358	48255	..	32761	..	91887	48255
Iron and steel	..	..	..	..	0	..	..	..	..	0	..
Chemical and petrochemical	..	..	..	..	0	..	..	..	..	0	..
Non-ferrous metals	..	..	..	..	5358	..	..	31092	..	36451	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	0	..	..	..	..	0	..
Paper, pulp and printing	..	..	..	..	0	..	..	..	..	0	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	0	..	..	..	..	..	0	..
Industries n.e.s	0	..	..	5513	0	48255	..	1669	..	55437	48255
Transport	..	..	..	55110	101	..	..	..	..	55211	..
Road	..	..	..	53055	101	..	..	..	..	53156	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	2055	..	..	..	..	..	2055	..
Domestic navigation	..	..	..	0	..	..	..	..	..	0	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	568	..	..	18270	4609	*283123	..	8219	..	*314788	*283123
Agriculture, forestry, fishing	..	..	..	15437	..	..	..	78	..	15515	..
Commerce, public services	..	..	..	232	8	15429	..	2070	..	17739	15429
Households	..	..	..	1405	22	*267694	..	6071	..	*275193	*267694
Other consumers	568	..	..	1196	4578	..	..	0	..	6341	..
Non-energy use	..	..	..	..	..	..	..	..	..	..	..

Myanmar

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	10646	..	33914	..	642395	425929	..	34224	..	1147108	460153
Imports	0	..	..	154049	..	..	..	..	..	154049	..
Exports	-465	..	-6094	..	-443924	..	..	..	..	-450483	..
International marine bunkers	..	..	..	-86	..	..	..	..	..	-86	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	..	..	608	-30903	..	..	..	..	..	-30295	..
Total energy supply	10181	..	28428	123060	198471	425929	..	34224	..	820293	460153
Statistical difference	0	..	0	966	75553	0	..	0	..	76518	34224
Transfers	..	..	..	-153	..	..	..	..	..	-153	..
Transformation	-558	..	*-27940	18345	-80949	*-1787	..	23268	..	-69621	*-1787
Electricity plants	-465	..	..	-4322	-80949	..	..	23268	..	-62467	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-93	..	..	..	..	..	..	..	..	-93	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-530	343	..	..	..	..	..	-187	..
Oil refineries	..	..	*-27410	22324	..	..	..	..	..	*-5086	..
Other transformation	..	..	..	..	..	*-1787	..	..	..	*-1787	*-1787
Energy industries own use	..	..	..	-1378	-12430	..	..	0	..	-13808	..
Losses	..	..	-488	..	..	..	..	-9263	..	-9751	..
Final consumption	9623	..	..	138908	29540	*424142	..	48229	..	*650442	*424142
Final energy consumption	9623	..	..	128657	23951	*424142	..	48229	..	*634602	*424142
Manufacturing, const., mining	8743	..	..	27744	15826	*15691	..	7722	..	75726	*15691
Iron and steel	1675	..	..	..	..	..	..	..	..	1675	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	5580	..	..	..	..	..	..	..	..	5580	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	1489	..	..	27744	15826	*15691	..	7722	..	68471	*15691
Transport	..	..	..	56172	7289	..	..	..	..	63461	..
Road	..	..	..	50323	7289	..	..	..	..	57612	..
Rail	..	..	..	20	..	..	..	..	..	20	..
Domestic aviation	..	..	..	5829	..	..	..	..	..	5829	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	879	..	..	44742	836	*408451	..	40507	..	*495415	*408451
Agriculture, forestry, fishing	..	..	..	12211	..	..	..	..	..	12211	..
Commerce, public services	..	..	..	..	..	..	..	5270	..	5270	..
Households	..	..	..	6116	..	*408451	..	12841	..	*427409	*408451
Other consumers	879	..	..	26415	836	..	..	22396	..	50525	..
Non-energy use	..	..	..	10251	5589	..	..	..	..	15840	..

Myanmar

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	13670	..	28188	..	670130	427767	..	35078	..	1174834	462846
Imports	0	..	..	197319	..	..	..	..	..	197319	..
Exports	-372	..	-6285	..	-522304	..	..	..	..	-528961	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	..	..	1345	-8342	..	..	..	..	..	-6997	..
Total energy supply	13298	..	23248	188977	147826	427767	..	35078	..	836194	462846
Statistical difference	440	..	0	10016	-3986	0	..	0	..	6470	35078
Transfers	..	..	..	-184	..	..	..	..	..	-184	..
Transformation	*-605	..	*-21356	11332	-111125	*-1787	..	29243	..	-94298	*-1787
Electricity plants	*-605	..	..	-6807	-111125	..	..	29243	..	-89294	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-575	464	..	..	..	..	..	-111	..
Oil refineries	..	..	*-20782	17675	..	..	..	..	..	*-3107	..
Other transformation	..	..	..	..	..	*-1787	..	..	..	*-1787	*-1787
Energy industries own use	..	..	..	-1057	-17543	..	..	0	..	-18599	..
Losses	..	..	-1892	..	..	..	..	-8586	..	-10478	..
Final consumption	*12253	..	..	189052	23144	*425980	..	*55735	..	*706166	*425980
Final energy consumption	*12253	..	..	181298	17489	*425980	..	*55735	..	*692755	*425980
Manufacturing, const., mining	*11374	..	..	37314	10782	*15777	..	*8924	..	84172	*15777
Iron and steel	*2186	..	..	..	265	..	..	..	..	*2451	..
Chemical and petrochemical	..	..	..	..	4611	..	..	..	..	4611	..
Non-ferrous metals	..	..	..	..	79	..	..	..	..	79	..
Non-metallic minerals	*7257	..	..	..	228	..	..	..	..	*7485	..
Transport equipment	..	..	..	..	62	..	..	..	..	62	..
Machinery	..	..	..	..	204	..	..	..	..	204	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	405	..	..	..	..	405	..
Paper, pulp and printing	..	..	..	..	6	..	..	..	..	6	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	313	..	..	..	..	313	..
Construction	..	..	..	..	4609	..	..	..	..	4609	..
Industries n.e.s	*1931	..	..	37314	0	*15777	..	*8924	..	63946	*15777
Transport	..	..	..	79418	6691	..	..	..	..	86109	..
Road	..	..	..	73604	6691	..	..	..	..	80295	..
Rail	..	..	..	0	..	..	..	..	..	0	..
Domestic aviation	..	..	..	5814	..	..	..	..	..	5814	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	*879	..	..	64566	16	*410203	..	*46811	..	*522475	*410203
Agriculture, forestry, fishing	..	..	..	20205	..	..	..	..	..	20205	..
Commerce, public services	..	..	..	..	..	..	..	*6091	..	*6091	..
Households	..	..	..	9338	..	*410203	..	*14839	..	*434381	*410203
Other consumers	*879	..	..	35023	16	..	..	*25880	..	61798	..
Non-energy use	..	..	..	7755	5656	..	..	..	..	13410	..

Namibia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	..	..	14868	..	5511	20379	20275
Imports	*772	52661	..	..	..	9641	63073	..
Exports	..	-161	..	..	-2891	-317	-3369	-2891
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-1676	..	..	..	..	-1676	..
Stock changes	91	0	..	..	..	..	91	..
Total energy supply	*862	50824	..	14868	-2891	14835	78498	17384
Statistical Difference	0	40	..	0	0	25	65	5303
Transfers	..	..	..	..	..	..	..	..
Transformation	-91	-387	..	*-9665	4750	122	*-5271	*-4916
Electricity plants	-91	-387	..	..	..	122	-355	..
Charcoal plants	..	..	..	*-9665	4750	..	*-4916	*-4916
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	0	0	..
Losses	..	..	..	..	..	-1213	-1213	..
Final consumption	*772	50397	..	*5203	1859	13719	71949	*7165
Final energy consumption	*772	49191	..	*5203	1859	13719	70743	*7165
Manufacturing, const., mining	*772	4379	..	*1173	..	2207	8530	*1173
Transport	..	27636	..	..	..	..	27636	..
Road	..	26342	..	..	..	..	26342	..
Domestic aviation	..	265	..	..	..	..	265	..
Domestic navigation	..	1029	..	..	..	..	1029	..
Other transport	..	..	..	..	..	..	..	..
Other	..	17175	..	*4030	1859	11512	34576	*5992
Agriculture, forestry, fishing	..	14036	..	..	..	..	14036	..
Commerce and public services	..	81	..	..	..	..	81	..
Households	..	88	..	*4030	1859	..	*5976	*5888
Other consumers	..	2971	..	..	..	11512	14483	104
Non-energy use	..	1206	..	..	..	..	1206	..
2016								
Primary production	..	..	..	14868	..	5018	19886	19760
Imports	*772	55093	..	..	..	11063	66928	..
Exports	..	-161	..	..	-2891	-356	-3408	-2891
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-1676	..	..	..	..	-1676	..
Stock changes	772	0	..	..	..	..	772	..
Total energy supply	1543	53256	..	14868	-2891	15725	82501	16869
Statistical Difference	0	40	..	0	0	0	40	4766
Transfers	..	..	..	..	..	..	..	..
Transformation	-772	-129	..	*-9665	4750	223	*-5593	*-4916
Electricity plants	-772	-129	..	..	..	223	-677	..
Charcoal plants	..	..	..	*-9665	4750	..	*-4916	*-4916
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	0	0	..
Losses	..	..	..	..	..	-1750	-1750	..
Final consumption	*772	53087	..	*5203	1859	14198	75118	*7188
Final energy consumption	*772	51881	..	*5203	1859	14198	73912	*7188
Manufacturing, const., mining	*772	4422	..	*1173	..	2106	8473	*1173
Transport	..	29341	..	..	..	..	29341	..
Road	..	28047	..	..	..	..	28047	..
Domestic aviation	..	265	..	..	..	..	265	..
Domestic navigation	..	1029	..	..	..	..	1029	..
Other transport	..	..	..	..	..	..	..	..
Other	..	18118	..	*4030	1859	12092	36099	*6015
Agriculture, forestry, fishing	..	14896	..	..	..	..	14896	..
Commerce and public services	..	81	..	..	..	..	81	..
Households	..	88	..	*4030	1859	..	*5976	*5889
Other consumers	..	3054	..	..	..	12092	15146	126
Non-energy use	..	1206	..	..	..	..	1206	..

Nauru

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	0	0	0
Imports	..	*908	..	..	..	..	*908	..
Exports
International marine bunkers	..	*-178	..	..	..	..	*-178	..
International aviation bunkers	..	*-63	..	..	..	..	*-63	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	..	*668	..	..	..	0	*668	0
Statistical Difference	..	0	..	..	..	0	0	0
Transfers
Transformation	..	*-305	..	..	..	*90	*-215	..
Electricity plants	..	*-305	..	..	..	*90	*-215	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	*-7	*-7	..
Final consumption	..	*363	..	..	..	*83	*445	..
Final energy consumption	..	*363	..	..	..	*83	*445	..
Manufacturing, const., mining
Transport	..	*135	..	..	..	..	*135	..
Road
Domestic aviation
Domestic navigation
Other transport	..	*135	..	..	..	..	*135	..
Other	..	*227	..	..	..	*83	*310	..
Agriculture, forestry, fishing
Commerce and public services	*46	*46	..
Households	..	*1	..	..	..	*37	*38	..
Other consumers	..	*227	..	..	..	..	*227	..
Non-energy use
2016								
Primary production	1	1	1
Imports	..	*947	..	..	..	..	*947	..
Exports
International marine bunkers	..	-186	..	..	..	..	-186	..
International aviation bunkers	..	*-65	..	..	..	..	*-65	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	..	*695	..	..	..	1	*696	1
Statistical Difference	..	0	..	..	..	0	0	1
Transfers
Transformation	..	*-307	..	..	..	*91	*-217	..
Electricity plants	..	*-307	..	..	..	*91	*-217	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	*-1	*-1	..
Losses	*-7	*-7	..
Final consumption	..	*388	..	..	..	*83	*471	..
Final energy consumption	..	*388	..	..	..	*83	*471	..
Manufacturing, const., mining
Transport	..	*146	..	..	..	..	*146	..
Road
Domestic aviation
Domestic navigation
Other transport	..	*146	..	..	..	..	*146	..
Other	..	*242	..	..	..	*83	*325	..
Agriculture, forestry, fishing
Commerce and public services	*46	*46	..
Households	..	*1	..	..	..	*37	*38	..
Other consumers	..	*241	..	..	..	..	*241	..
Non-energy use

Nepal

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	477	..	..	416701	..	12611	429789	429312
Imports	22860	49677	..	..	..	6329	78866	..
Exports	..	..	..	..	..	-11	-11	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-4101	..	..	..	..	-4101	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	23337	45576	..	416701	..	18929	504543	429312
Statistical Difference	0	0	..	0	0	29	29	12611
Transfers	..	..	..	..	..	..	..	..
Transformation	..	0	..	-937	325	..	-613	-613
Electricity plants	..	0	..	..	..	..	0	..
Charcoal plants	..	..	..	-937	325	..	-613	-613
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-140	-140	..
Losses	..	..	..	..	..	-4734	-4734	..
Final consumption	23337	45576	..	*415764	325	14026	*499027	*416088
Final energy consumption	23337	45174	..	*415764	325	14026	*498625	*416088
Manufacturing, const., mining	23237	431	..	*20166	89	4356	48278	*20254
Transport	..	29240	..	..	..	22	29262	..
Road	..	29240	..	..	..	..	29240	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	22	22	..
Other	100	15503	..	*395598	236	9648	*421085	*395834
Agriculture, forestry, fishing	..	4902	..	..	..	364	5266	..
Commerce and public services	..	4534	..	2235	236	1822	8826	2471
Households	100	6067	..	*393363	..	7081	*406611	*393363
Other consumers	..	..	..	..	..	382	382	..
Non-energy use	..	402	..	..	..	..	402	..
2016								
Primary production	528	..	..	406389	..	15278	422195	421668
Imports	28336	83542	..	..	..	7830	119709	..
Exports	..	..	..	..	..	-11	-11	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-5645	..	..	..	..	-5645	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	28864	77897	..	406389	..	23098	536248	421668
Statistical Difference	0	775	..	0	0	36	811	15278
Transfers	..	..	..	..	..	..	..	..
Transformation	..	0	..	*-937	325	..	*-613	*-613
Electricity plants	..	0	..	..	..	..	0	..
Charcoal plants	..	..	..	*-937	325	..	*-613	*-613
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-173	-173	..
Losses	..	..	..	..	..	-5159	-5159	..
Final consumption	28864	77122	..	*405452	325	17730	*529493	*405777
Final energy consumption	28864	76720	..	*405452	325	17730	*529091	*405777
Manufacturing, const., mining	28764	689	..	5925	89	6246	41712	6014
Transport	..	50229	..	..	..	25	50254	..
Road	..	50229	..	..	..	..	50229	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	25	25	..
Other	100	25802	..	*399527	236	11459	*437125	*399763
Agriculture, forestry, fishing	..	8557	..	..	..	407	8964	..
Commerce and public services	..	7368	..	*2201	236	2171	11976	*2437
Households	100	9877	..	*397326	..	8298	*415601	*397326
Other consumers	..	..	..	..	..	583	583	..
Non-energy use	..	402	..	..	..	..	402	..

Netherlands

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	..	..	82759	..	1651400	190905	44032	31554	3585	2004235	195958
Imports	1425183	9573	2532383	4015566	1220800	27799	..	110736	..	9342040	19508
Exports	-913215	-15747	-22554	-4678511	-1660100	-66360	..	-79243	..	-7435730	-65046
International marine bunkers	..	..	..	-520264	..	..	..	..	..	-520264	..
International aviation bunkers	..	..	..	-162420	..	..	..	..	..	-162420	..
Stock changes	-61970	2138	-28142	-101920	-13600	495	..	..	..	-202999	495
Total energy supply	449998	-4037	2564446	-1447550	1198499	152840	44032	63047	3585	3024860	150915
Statistical difference	494	-143	0	6288	7584	2071	0	1847	-301	17840	33625
Transfers	..	..	-3448	40454	..	..	..	..	..	37006	..
Transformation	-445515	37662	-2460929	2455497	-341128	-101432	-44032	364698	122007	-413172	-66036
Electricity plants	-246590	-17522	..	..	-112040	*-18848	-44032	195620	-17275	-260687	*-18848
CHP plants	-89717	-8712	..	-16162	-226991	-79193	..	169078	120342	-131355	-43797
Heat plants	..	..	..	-15098	-7974	-868	..	..	18940	-5000	-868
Coke ovens	-74069	78553	..	..	..	..	..	..	..	4483	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-35138	-14657	..	..	..	..	..	..	..	-49795	..
NGL plants & gas blending	..	..	..	-9158	5877	-2523	..	..	..	-5804	-2523
Oil refineries	..	..	-2411691	2453850	..	..	..	..	..	42159	..
Other transformation	..	..	-49239	42064	..	..	..	..	..	-7175	..
Energy industries own use	..	-8705	..	-100649	-63138	..	..	-35744	-15582	-223818	..
Losses	..	..	..	..	..	..	..	-18950	-3597	-22547	..
Final consumption	3989	25063	100069	941463	786650	49337	..	371203	106714	2384488	51255
Final energy consumption	3840	24949	..	577382	699836	49337	..	371203	106714	1833262	51255
Manufacturing, const., mining	3840	24889	..	116027	195629	6763	..	123289	80923	551360	6763
Iron and steel	2196	23640	..	172	10844	..	..	9457	1	46310	..
Chemical and petrochemical	..	..	..	97843	69955	..	..	45058	70375	283231	..
Non-ferrous metals	..	..	..	..	2653	..	..	7322	97	10073	..
Non-metallic minerals	540	912	..	417	17446	..	..	4194	3	23512	..
Transport equipment	..	..	..	473	1937	..	..	1998	1	4409	..
Machinery	..	..	..	181	10051	..	..	10148	55	20435	..
Mining and quarrying	280	..	..	344	1976	..	..	904	1821	5324	..
Food and tobacco	824	..	..	215	55664	637	..	23206	6074	86619	637
Paper, pulp and printing	..	..	..	..	12218	185	..	8698	2365	23465	185
Wood and wood products	..	..	..	..	475	955	..	828	..	2258	955
Textile and leather	..	..	..	..	2341	..	..	1318	53	3712	..
Construction	..	57	..	16206	4025	590	..	3110	..	23988	590
Industries n.e.s	0	280	..	176	6045	4396	..	7049	78	18024	4396
Transport	..	..	..	425248	1525	12373	..	6307	..	445452	12373
Road	..	..	..	407471	1525	12336	..	673	..	422005	12336
Rail	..	..	..	1339	..	37	..	5634	..	7010	37
Domestic aviation	..	..	..	441	..	..	..	..	..	441	..
Domestic navigation	..	..	..	15996	..	..	..	..	..	15996	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	60	..	36108	502682	30201	..	241607	25791	836449	32118
Agriculture, forestry, fishing	..	..	..	24833	90794	5250	..	30884	6006	157768	7698
Commerce, public services	..	40	..	6760	126426	5786	..	128707	6797	274515	4345
Households	..	20	..	1604	285287	18633	..	81655	12988	400188	19543
Other consumers	..	..	..	2911	176	531	..	360	..	3977	531
Non-energy use	150	114	100069	364081	86813	..	..	..	..	551227	..

Netherlands

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	..	..	63033	..	1594300	185855	42768	35388	3991	1925335	194470
Imports	1254357	21800	2601109	3951654	1377200	29644	..	87329	..	9323093	19944
Exports	-876474	-23931	-28636	-4772864	-1789500	-60227	..	-69635	..	-7621267	-58914
International marine bunkers	..	..	..	-515952	-44	..	..	..	..	-515996	..
International aviation bunkers	..	..	..	-165507	..	..	..	..	..	-165507	..
Stock changes	40479	-712	-25774	26043	75300	-690	..	..	..	114647	-690
Total energy supply	418362	-2843	2609732	-1476626	1257256	154582	42768	53082	3991	3060305	154811
Statistical difference	-25	28	0	-11469	16054	1149	0	-1062	-1320	3354	36537
Transfers	..	..	-20630	68111	..	..	..	..	..	47481	..
Transformation	-413739	38320	-2476393	2462451	-373684	-106944	-42768	379224	104196	-429337	-69350
Electricity plants	-268551	-15200	..	..	-155881	*-16419	-42768	228949	-14510	-284380	*-16419
CHP plants	-37767	-9010	..	-14258	-218565	-86562	..	150275	104144	-111743	-48968
Heat plants	..	..	..	-11187	-5513	-1343	..	..	14562	-3481	-1343
Coke ovens	-73380	77513	..	..	..	..	..	..	..	4133	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-34041	-14983	..	..	..	..	..	..	..	-49024	..
NGL plants & gas blending	..	..	..	-7425	6275	-2620	..	..	..	-3770	-2620
Oil refineries	..	..	-2423264	2449347	..	..	..	..	..	26083	..
Other transformation	..	..	-53128	45973	..	..	..	..	..	-7156	..
Energy industries own use	..	-8595	..	-102953	-57288	..	..	-33545	-12192	-214572	..
Losses	..	..	..	..	..	..	..	-19562	-3767	-23329	..
Final consumption	4649	26854	112710	962452	810230	*46489	..	380261	93548	2437193	*48924
Final energy consumption	4598	26768	..	594957	728571	*46489	..	380261	93548	1875192	*48924
Manufacturing, const., mining	4598	26648	..	134905	203874	*5794	..	128664	66139	570622	*5794
Iron and steel	2940	24942	..	172	10576	..	..	9382	7	48019	..
Chemical and petrochemical	..	..	..	116168	73930	..	..	46764	58311	295172	..
Non-ferrous metals	..	..	..	..	2785	..	..	8050	24	10858	..
Non-metallic minerals	540	969	..	507	18429	..	..	4655	3	25103	..
Transport equipment	..	..	..	215	2068	..	..	2192	3	4479	..
Machinery	..	..	..	138	10717	..	..	10789	30	21674	..
Mining and quarrying	180	..	..	215	1874	..	..	889	1692	4850	..
Food and tobacco	938	..	..	305	57192	459	..	24851	4002	87747	459
Paper, pulp and printing	..	..	..	47	12972	209	..	8971	1790	23989	209
Wood and wood products	..	..	..	..	984	*1378	..	727	27	3116	*1378
Textile and leather	..	..	..	..	2547	..	..	1278	211	4036	..
Construction	..	57	..	17047	4451	499	..	3182	..	25237	499
Industries n.e.s	0	680	..	90	5350	*3249	..	6934	39	16342	*3249
Transport	..	..	..	424876	1785	10053	..	6736	..	443450	10053
Road	..	..	..	410242	1785	10016	..	1001	..	423044	10016
Rail	..	..	..	1210	..	37	..	5735	..	6982	37
Domestic aviation	..	..	..	309	..	..	..	..	..	309	..
Domestic navigation	..	..	..	13115	..	..	..	..	..	13115	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	120	..	35176	522912	*30642	..	244861	27409	861120	*33077
Agriculture, forestry, fishing	..	..	..	25430	92699	*5701	..	31788	6344	161962	8545
Commerce, public services	..	80	..	6846	132842	5909	..	131519	7872	285067	4583
Households	..	40	..	1604	297226	*19032	..	81554	13193	412649	*19950
Other consumers	..	..	..	1297	145	..	..	..	..	1442	..
Non-energy use	51	85	112710	367495	81660	..	..	..	..	562001	..

New Caledonia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	..	..	120	..	1611	1731	1591
Imports	21354	40175	..	*1	3	..	61533	4
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	-323	..	..	..	..	-323	..
International aviation bunkers	..	-1063	..	..	..	..	-1063	..
Stock changes	-595	91	..	..	..	..	-504	..
Total energy supply	20758	38881	..	122	3	1611	61375	1595
Statistical Difference	-725	275	..	0	3	0	-448	1334
Transfers	..	..	..	..	..	..	..	..
Transformation	-12389	-19662	..	*-38	18	8979	-23092	*-20
Electricity plants	-12389	-19662	..	*-5	..	8979	-23077	*-5
Charcoal plants	..	..	..	*-33	18	..	*-15	*-15
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	0	0	..
Losses	..	..	..	..	..	-219	-219	..
Final consumption	9095	18945	..	*83	*18	10371	38512	241
Final energy consumption	4074	18519	..	*83	*18	10371	33065	241
Manufacturing, const., mining	4074	8713	..	..	..	7893	20680	..
Transport	..	9036	..	..	..	..	9036	..
Road	..	8257	..	..	..	..	8257	..
Domestic aviation	..	243	..	..	..	..	243	..
Domestic navigation	..	536	..	..	..	..	536	..
Other transport	..	..	..	..	..	..	..	..
Other	..	769	..	*83	*18	2478	3349	241
Agriculture, forestry, fishing	..	181	..	..	..	..	181	..
Commerce and public services	..	177	..	..	..	1437	1614	140
Households	..	412	..	*82	*18	1041	1553	*100
Other consumers	..	..	..	*1	..	..	*1	*1
Non-energy use	5021	*426	..	..	..	..	5447	..
2016								
Primary production	..	..	..	122	..	1178	1300	1160
Imports	28127	39797	..	*1	2	..	67928	4
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	-168	..	..	..	..	-168	..
International aviation bunkers	..	-1116	..	..	..	..	-1116	..
Stock changes	-1331	845	..	..	..	..	-487	..
Total energy supply	26796	39359	..	124	2	1178	67458	1164
Statistical Difference	-455	136	..	0	2	0	-317	900
Transfers	..	..	..	..	..	..	..	..
Transformation	-17157	-19821	..	*-41	18	10230	-26772	*-23
Electricity plants	-17157	-19821	..	*-7	..	10230	-26756	*-7
Charcoal plants	..	..	..	*-33	18	..	*-15	*-15
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	0	0	..
Losses	..	..	..	..	..	-325	-325	..
Final consumption	10093	19401	..	*83	*18	11083	40678	241
Final energy consumption	3788	18863	..	*83	*18	11083	33834	241
Manufacturing, const., mining	3788	8929	..	..	..	8473	21190	..
Transport	..	9174	..	..	..	..	9174	..
Road	..	8332	..	..	..	..	8332	..
Domestic aviation	..	243	..	..	..	..	243	..
Domestic navigation	..	600	..	..	..	..	600	..
Other transport	..	..	..	..	..	..	..	..
Other	..	759	..	*83	*18	2609	3470	241
Agriculture, forestry, fishing	..	202	..	..	..	..	202	..
Commerce and public services	..	168	..	..	..	1539	1707	140
Households	..	389	..	*82	*18	1070	1559	*100
Other consumers	..	..	..	*1	..	..	*1	*1
Non-energy use	6305	*539	..	..	..	..	6844	..

New Zealand

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	81024	..	87570	..	169295	49194	..	96282	290488	773854	435964
Imports	9199	..	216661	99760	..	..	..	..	..	325620	..
Exports	-40718	..	-73196	-7919	..	..	..	..	..	-121833	..
International marine bunkers	..	..	..	-13480	..	..	..	..	..	-13480	..
International aviation bunkers	..	..	..	-34883	..	..	..	..	..	-34883	..
Stock changes	7633	..	6008	432	1905	..	..	..	..	15978	..
Total energy supply	57138	..	237043	43910	171201	49194	..	96282	290488	945256	435964
Statistical difference	1254	0	-1269	12847	-1734	-146	..	1444	0	12396	124414
Transfers	..	..	..	3	..	..	..	..	..	3	..
Transformation	-29197	4257	-238312	244886	-50798	-6620	..	62262	-282780	-296302	-261122
Electricity plants	-10976	..	..	0	-37098	-987	..	52632	-281591	-278020	-253189
CHP plants	-316	-7736	..	..	-13700	-5633	..	9630	-1189	-18944	-7933
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-17905	19576	..	..	..	..	..	..	..	1671	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-7847	..	..	..	..	..	..	..	-7847	..
NGL plants & gas blending	..	..	-8707	9318	..	..	..	..	..	611	..
Oil refineries	..	..	-229604	235568	..	..	..	..	..	5963	..
Other transformation	..	264	..	..	..	..	..	..	..	264	..
Energy industries own use	-1719	-2234	..	-15845	-8726	..	..	-7319	0	-35843	..
Losses	..	-264	..	..	-734	..	..	-10242	..	-11240	..
Final consumption	24968	1759	..	260107	112677	42720	..	139540	7708	589478	50428
Final energy consumption	24968	1759	..	246212	67536	42720	..	139540	7708	530443	50428
Manufacturing, const., mining	21601	1759	..	17655	51971	36012	..	49460	4052	182510	40064
Iron and steel	..	1759	..	..	2144	..	..	4525	..	8428	..
Chemical and petrochemical	..	..	..	..	27174	..	..	1415	..	28589	..
Non-ferrous metals	59	..	..	..	..	..	..	18108	..	18167	..
Non-metallic minerals	3483	..	..	..	1503	..	..	1163	..	6149	..
Transport equipment	..	..	..	..	..	..	..	97	..	97	..
Machinery	..	..	..	..	239	..	..	576	..	815	..
Mining and quarrying	..	..	..	2752	59	..	..	1091	..	3902	..
Food and tobacco	17364	..	..	..	15319	39	..	8806	..	41528	39
Paper, pulp and printing	..	..	..	..	3105	..	..	4630	4052	11787	4052
Wood and wood products	405	..	..	..	1424	35973	..	5188	..	42990	35973
Textile and leather	109	..	..	..	452	..	..	374	..	935	..
Construction	..	..	..	3483	399	..	..	1372	..	5253	..
Industries n.e.s	180	0	..	11420	153	0	..	2117	0	13870	0
Transport	..	..	..	201118	23	107	..	227	..	201475	107
Road	..	..	..	181690	23	107	..	..	..	181820	107
Rail	..	..	..	2021	..	..	..	..	..	2021	..
Domestic aviation	..	..	..	11777	..	..	..	..	..	11777	..
Domestic navigation	..	..	..	5631	..	..	..	..	..	5631	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	227	..	227	..
Other	3366	..	..	27439	15543	6601	..	89852	3656	146458	10257
Agriculture, forestry, fishing	1915	..	..	18538	1482	..	..	10004	731	32670	731
Commerce, public services	1037	..	..	5930	7956	214	..	34250	2264	51651	2478
Households	415	..	..	2971	6105	6387	..	45270	661	61809	7048
Other consumers	..	..	..	..	..	..	..	328	..	328	..
Non-energy use	..	..	..	13894	45141	..	..	..	..	59036	..

New Zealand

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	68327	..	74446	..	177112	61564	..	101106	275312	757867	437982
Imports	9615	..	223598	117968	..	..	..	..	..	351180	..
Exports	-35800	..	-63798	-7687	..	..	..	..	..	-107285	..
International marine bunkers	..	..	..	-12083	..	..	..	..	..	-12083	..
International aviation bunkers	..	..	..	-35942	..	..	..	..	..	-35942	..
Stock changes	6082	..	-1859	-7985	-869	..	..	..	..	-4631	..
Total energy supply	48224	..	232387	54272	176243	61564	..	101106	275312	949107	437982
Statistical difference	1166	0	-2326	15380	-754	-34	..	958	0	14389	127802
Transfers	..	..	..	-23	..	..	..	..	..	-23	..
Transformation	-21858	3890	-234713	241958	-45844	-7621	..	53813	-267300	-277676	-248191
Electricity plants	-4232	..	..	-43	-33985	-1028	..	45706	-266304	-259886	-239427
CHP plants	-349	-7231	..	..	-11859	-6593	..	8107	-996	-18922	-8764
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-17277	18929	..	..	..	..	..	..	..	1652	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-8088	..	..	..	..	..	..	..	-8088	..
NGL plants & gas blending	..	..	-7647	8183	..	..	..	..	..	536	..
Oil refineries	..	..	-227066	233818	..	..	..	..	..	6752	..
Other transformation	..	280	..	..	..	..	..	..	..	280	..
Energy industries own use	-2384	-2000	..	-14317	-8692	..	..	-4568	0	-31962	..
Losses	..	-264	..	..	-575	..	..	-10937	..	-11776	..
Final consumption	22816	1626	..	266510	121885	53977	..	138456	8012	613282	61989
Final energy consumption	22816	1626	..	251183	69547	53977	..	138456	8012	545617	61989
Manufacturing, const., mining	20155	1626	..	19047	55058	45539	..	50112	4506	196042	50045
Iron and steel	..	1626	..	..	2189	..	..	5202	..	9017	..
Chemical and petrochemical	..	..	..	..	31162	..	..	1364	..	32526	..
Non-ferrous metals	19	..	..	..	..	..	..	18191	..	18210	..
Non-metallic minerals	2513	..	..	..	1369	..	..	1037	..	4919	..
Transport equipment	..	..	..	..	..	..	..	104	..	104	..
Machinery	..	..	..	..	253	..	..	515	..	768	..
Mining and quarrying	..	..	..	2580	113	..	..	1037	..	3729	..
Food and tobacco	15903	..	..	..	13913	39	..	9065	..	38920	39
Paper, pulp and printing	..	..	..	..	3547	..	..	4543	4506	12596	4506
Wood and wood products	554	..	..	..	1453	45500	..	5216	..	52723	45500
Textile and leather	58	..	..	..	501	..	..	349	..	909	..
Construction	..	..	..	4343	440	..	..	1429	..	6212	..
Industries n.e.s	1107	0	..	12124	119	0	..	2059	0	15408	0
Transport	..	..	..	204402	14	107	..	223	..	204747	107
Road	..	..	..	186654	14	107	..	..	..	186776	107
Rail	..	..	..	1978	..	..	..	..	..	1978	..
Domestic aviation	..	..	..	11776	..	..	..	..	..	11776	..
Domestic navigation	..	..	..	3994	..	..	..	..	..	3994	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	223	..	223	..
Other	2661	..	..	27735	14475	8331	..	88121	3506	144829	11837
Agriculture, forestry, fishing	1136	..	..	18024	1445	..	..	9252	598	30456	598
Commerce, public services	1175	..	..	6463	7305	214	..	34128	2247	51533	2461
Households	349	..	..	3248	5724	8117	..	44309	661	62408	8778
Other consumers	..	..	..	..	..	..	..	432	..	432	..
Non-energy use	..	..	..	15326	52339	..	..	..	..	67665	..

Nicaragua

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	63634	..	4176	24408	92218	92218
Imports	33417	39521	..	..	..	122	..	73061	..
Exports	-1332	..	..	..	-79	..	-1411	..
International marine bunkers
International aviation bunkers	-970	..	..	..	..	..	-970	..
Stock changes	-2327	2100	..	..	..	..	..	-226	..
Total energy supply	31091	39319	..	63634	..	4219	24408	162671	92218
Statistical difference	-2411	-1212	..	*-1	..	-25	0	-3650	6616
Transfers
Transformation	-33502	9595	..	*-20116	..	12305	-24408	-56127	*-42084
Electricity plants	-20764	..	*-19779	..	12305	-24408	-52646	*-41746
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-33502	30359	..	..	..	..	..	-3143	..
Other transformation	-338	..	..	..	-338	-338
Energy industries own use	-783	..	..	..	-1310	..	-2094	..
Losses	-3013	..	-3013	..
Final consumption	49343	..	*43518	..	12226	..	*105087	*43518
Final energy consumption	47735	..	*43518	..	12226	..	*103479	*43518
Manufacturing, const., mining	7941	..	*2781	..	4061	..	14783	*2781
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying	215	..	..	..	..	..	215	..
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	388	..	..	..	320	..	709	..
Industries n.e.s	7338	..	*2781	..	3740	..	13859	*2781
Transport	30798	..	..	..	..	..	30798	..
Road	28000	..	..	..	..	..	28000	..
Rail
Domestic aviation	132	..	..	..	..	..	132	..
Domestic navigation	2666	..	..	..	..	..	2666	..
Pipeline transport
Transport, n.e.s
Other	8996	..	*40737	..	8165	..	*57898	*40737
Agriculture, forestry, fishing	612	..	*1587	..	407	..	*2606	*1587
Commerce, public services	6168	..	*1578	..	3823	..	11569	*1578
Households	2216	..	*37572	..	3935	..	*43723	*37572
Other consumers	0	..	..	..	0	0
Non-energy use	1608	..	..	..	..	..	1608	..

Nicaragua

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	60561	..	4158	25416	90135	90135
Imports	27410	46271	..	..	..	738	..	74419	..
Exports	-724	..	..	..	-65	..	-788	..
International marine bunkers
International aviation bunkers	-970	..	..	..	..	..	-970	..
Stock changes	2073	288	..	..	..	..	..	2361	..
Total energy supply	29483	44865	..	60561	..	4831	25416	165157	90135
Statistical difference	508	-1365	..	*-1	..	-25	0	-884	6699
Transfers
Transformation	-28975	7295	..	*-17157	..	12366	-25416	-51887	*-40031
Electricity plants	-20075	..	*-16818	..	12366	-25416	-49943	*-39692
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-28975	27370	..	..	..	..	..	-1605	..
Other transformation	-339	..	..	..	-339	-339
Energy industries own use	-693	..	..	..	-1415	..	-2108	..
Losses	-3784	..	-3784	..
Final consumption	52833	..	*43406	..	12024	..	*108262	*43406
Final energy consumption	51064	..	*43406	..	12024	..	*106493	*43406
Manufacturing, const., mining	8401	..	*2679	..	3996	..	15076	*2679
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying	215	..	..	..	..	..	215	..
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	431	..	..	..	317	..	748	..
Industries n.e.s	7755	..	*2679	..	3679	..	14113	*2679
Transport	32987	..	..	..	..	..	32987	..
Road	29716	..	..	..	..	..	29716	..
Rail
Domestic aviation	132	..	..	..	..	..	132	..
Domestic navigation	3139	..	..	..	..	..	3139	..
Pipeline transport
Transport, n.e.s
Other	9676	..	*40727	..	8028	..	*58430	*40727
Agriculture, forestry, fishing	655	..	*1385	..	400	..	*2440	*1385
Commerce, public services	6615	..	*1586	..	3758	..	11960	*1586
Households	2405	..	*37756	..	3870	..	*44031	*37756
Other consumers	0	..	..	..	0	0
Non-energy use	1769	..	..	..	..	..	1769	..

Niger

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	3616	..	31340	..	..	64377	..	0	..	99333	64377
Imports	4621	..	..	..	2816	..	7437	..
Exports	*-10412	..	..	..	0	..	*-10412	..
International marine bunkers
International aviation bunkers	-1804	..	..	..	..	..	-1804	..
Stock changes	58	..	25	*-778	..	..	..	..	..	*-695	..
Total energy supply	3674	..	31365	*-8373	..	64377	..	2816	..	93860	64377
Statistical difference	-77	0	-17	46	..	-7	..	478	..	423	-7
Transfers
Transformation	-3602	*77	-31382	25017	..	-2273	..	1893	..	-10270	-2273
Electricity plants	-3534	..	..	-2849	..	..	..	1893	..	-4490	..
CHP plants
Heat plants
Coke ovens
Briquetting plants	-67	*77	..	..	..	..	..	..	..	*9	..
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-31382	27866	..	..	..	..	..	-3517	..
Other transformation	-2273	..	..	..	-2273	-2273
Energy industries own use	-158	..	-158	..
Losses	-149	..	..	0	..	..	..	-775	..	-924	..
Final consumption	..	*77	..	16598	..	62112	..	3299	..	82085	62112
Final energy consumption	..	*77	..	16276	..	62112	..	3299	..	81763	62112
Manufacturing, const., mining	2695	..	..	..	783	..	3478	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	2695	..	..	..	783	..	3478	..
Transport	12621	..	..	..	..	..	12621	..
Road	12621	..	..	..	..	..	12621	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	..	*77	..	961	..	62112	..	2515	..	65664	62112
Agriculture, forestry, fishing	21	..	21	..
Commerce, public services	400	..	400	..
Households	961	..	62112	..	2093	..	65166	62112
Other consumers	..	*77	..	..	..	..	..	..	..	*77	..
Non-energy use	322	..	..	..	..	..	322	..

Niger

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	3952	..	34301	..	..	66501	..	0	..	104754	66501
Imports	2751	..	..	..	2805	..	5555	..
Exports	-12874	..	..	..	..	..	-12874	..
International marine bunkers
International aviation bunkers	-1967	..	..	..	..	..	-1967	..
Stock changes	0	..	*-3638	*3939	..	..	..	..	..	*301	..
Total energy supply	3952	..	30663	-8152	..	66501	..	2805	..	95769	66501
Statistical difference	160	0	17	-570	..	1	..	192	..	-201	1
Transfers
Transformation	-3792	*77	-30646	23239	..	-3041	..	1894	..	-12270	-3041
Electricity plants	-3728	..	..	-2279	..	..	..	1894	..	-4113	..
CHP plants
Heat plants
Coke ovens
Briquetting plants	-64	*77	..	..	..	..	..	..	..	*13	..
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-30646	25518	..	..	..	..	..	-5129	..
Other transformation	-3041	..	..	..	-3041	-3041
Energy industries own use	-244	..	-244	..
Losses	0	..	..	0	..	..	..	-752	..	-752	..
Final consumption	..	*77	..	15657	..	*63459	..	3510	..	*82703	*63459
Final energy consumption	..	*77	..	15335	..	*63459	..	3510	..	*82381	*63459
Manufacturing, const., mining	2849	..	..	..	986	..	3836	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	2849	..	..	..	986	..	3836	..
Transport	11309	..	..	..	..	..	11309	..
Road	11309	..	..	..	..	..	11309	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	..	*77	..	1178	..	*63459	..	2524	..	*67237	*63459
Agriculture, forestry, fishing	22	..	22	..
Commerce, public services	400	..	400	..
Households	1178	..	*63459	..	2102	..	*66739	*63459
Other consumers	..	*77	..	..	..	..	..	..	..	*77	..
Non-energy use	*322	..	..	..	..	..	*322	..

Nigeria

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	1213	..	4414249	..	1494118	4672340	..	20585	..	10602504	4692924
Imports	718228	..	..	..	..	..	718228	..
Exports	-4404267	-5007	-900486	..	..	..	..	-5309760	..
International marine bunkers	-15452	..	..	..	..	..	-15452	..
International aviation bunkers	-14950	..	..	..	..	..	-14950	..
Stock changes	66876	21477	..	..	..	..	..	88354	..
Total energy supply	1213	..	76859	704297	593632	4672340	..	20585	..	6068925	4692924
Statistical difference	0	..	0	-535	13498	0	..	1951	..	14914	20585
Transfers	1044	..	..	..	..	..	1044	..
Transformation	-56470	52217	-231372	-371989	..	92549	..	-515066	-371989
Electricity plants	-231372	..	..	92549	..	-138823	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-56470	52217	..	..	..	..	..	-4253	..
Other transformation	-371989	..	..	..	-371989	-371989
Energy industries own use	-6954	-191193	..	..	-3884	..	-202032	..
Losses	-20389	-1782	..	..	..	-16970	..	-39141	..
Final consumption	1213	..	..	749358	157568	*4300351	..	90328	..	*5298817	*4300351
Final energy consumption	1213	..	..	740272	102302	*4300351	..	90328	..	*5234465	*4300351
Manufacturing, const., mining	1213	..	..	18268	102302	*174248	..	14994	..	*311025	*174248
Iron and steel	10685	..	..	..	..	10685	..
Chemical and petrochemical	17639	..	..	..	..	17639	..
Non-ferrous metals
Non-metallic minerals	1213	..	..	..	..	..	..	..	..	1213	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	0	..	..	..	..	..	0	..
Industries n.e.s	0	..	..	18268	73978	*174248	..	14994	..	*281488	*174248
Transport	625965	..	..	..	..	..	625965	..
Road	621837	..	..	..	..	..	621837	..
Rail	2064	..	..	..	..	..	2064	..
Domestic aviation
Domestic navigation	2064	..	..	..	..	..	2064	..
Pipeline transport
Transport, n.e.s
Other	96040	..	*4126103	..	75334	..	*4297476	*4126103
Agriculture, forestry, fishing	172	..	..	..	..	..	172	..
Commerce, public services	44	..	*115146	..	23573	..	*138763	*115146
Households	22634	..	*4010957	..	51761	..	*4085351	*4010957
Other consumers	73190	..	..	..	..	..	73190	..
Non-energy use	9085	55266	..	..	..	..	64352	..

Nigeria

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	1187	..	3824356	..	1378260	4776916	..	20110	..	10000829	4797026
Imports	824762	..	..	..	..	..	824762	..
Exports	-3685824	-10477	-795834	..	..	..	..	-4492134	..
International marine bunkers	-12897	..	..	..	..	..	-12897	..
International aviation bunkers	-18698	..	..	..	..	..	-18698	..
Stock changes	-1650	-30391	..	..	..	..	..	-32041	..
Total energy supply	1187	..	136883	752299	582426	4776916	..	20110	..	6269820	4797026
Statistical difference	0	..	0	85272	-6881	0	..	-497	..	77894	20110
Transfers	1291	..	..	..	..	..	1291	..
Transformation	-123685	126174	-227799	-379204	..	91120	..	-513394	-379204
Electricity plants	-227799	..	..	91120	..	-136679	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-123685	126174	..	..	..	..	..	2489	..
Other transformation	-379204	..	..	..	-379204	-379204
Energy industries own use	-13352	-218926	..	..	-3931	..	-236209	..
Losses	-13198	-2030	..	..	..	-16686	..	-31913	..
Final consumption	1187	..	..	779110	142582	*4397713	..	91109	..	*5411701	*4397713
Final energy consumption	1187	..	..	767895	92572	*4397713	..	91109	..	*5350475	*4397713
Manufacturing, const., mining	1187	..	..	18032	92572	*171702	..	14764	..	*298257	*171702
Iron and steel	9669	..	..	..	..	9669	..
Chemical and petrochemical	15962	..	..	..	..	15962	..
Non-ferrous metals
Non-metallic minerals	1187	..	..	..	..	..	..	..	..	1187	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	18032	66942	*171702	..	14764	..	*271440	*171702
Transport	714749	..	..	..	..	..	714749	..
Road	710105	..	..	..	..	..	710105	..
Rail	2322	..	..	..	..	..	2322	..
Domestic aviation
Domestic navigation	2322	..	..	..	..	..	2322	..
Pipeline transport
Transport, n.e.s
Other	35114	..	*4226011	..	76345	..	*4337470	*4226011
Agriculture, forestry, fishing	172	..	..	..	..	..	172	..
Commerce, public services	44	..	*113385	..	23209	..	*136638	*113385
Households	24386	..	*4112626	..	53136	..	*4190148	*4112626
Other consumers	10512	..	..	..	..	..	10512	..
Non-energy use	11216	50009	..	..	..	..	61225	..

Niue

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	1	..	16	17	1
Imports	..	108	..	..	..	..	108	..
Exports
International marine bunkers
International aviation bunkers	..	-22	..	..	..	..	-22	..
Stock changes
Total energy supply	..	86	..	1	..	16	103	1
Statistical Difference	..	5	..	0	0	0	5	-16
Transfers
Transformation	..	-34	..	0	0	12	-22	0
Electricity plants	..	-34	..	..	..	12	-22	..
Charcoal plants	0	0	..	0	0
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-1	-1	..
Losses	-1	-1	..
Final consumption	..	47	..	0	0	27	74	16
Final energy consumption	..	47	..	0	0	27	74	16
Manufacturing, const., mining	..	2	..	..	..	2	4	..
Transport	..	42	..	..	..	..	42	..
Road	..	41	..	..	..	..	41	..
Domestic aviation	..	*1	..	..	..	..	*1	..
Domestic navigation	..	0	..	..	..	..	0	..
Other transport
Other	..	3	..	0	0	25	28	16
Agriculture, forestry, fishing	..	1	..	..	..	..	1	..
Commerce and public services	..	1	..	..	..	5	6	..
Households	..	2	..	0	0	20	22	16
Other consumers
Non-energy use
2016								
Primary production	1	..	*16	*17	1
Imports	..	*105	..	..	..	..	*105	..
Exports
International marine bunkers
International aviation bunkers	..	*-22	..	..	..	..	*-22	..
Stock changes
Total energy supply	..	*83	..	1	..	*16	*100	1
Statistical Difference	..	*1	..	0	0	0	*1	*-16
Transfers
Transformation	..	*-34	..	0	0	*12	*-23	0
Electricity plants	..	*-34	..	..	..	*12	*-22	..
Charcoal plants	0	0	..	0	0
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-1	*-1	..
Final consumption	..	*48	..	0	0	*27	*75	*16
Final energy consumption	..	*48	..	0	0	*27	*75	*16
Manufacturing, const., mining	..	*2	..	..	..	*2	*4	..
Transport	..	*42	..	..	..	..	*42	..
Road	..	*41	..	..	..	..	*41	..
Domestic aviation	..	*1	..	..	..	..	*1	..
Domestic navigation	..	0	..	..	..	..	0	..
Other transport
Other	..	*4	..	0	0	*25	*29	*16
Agriculture, forestry, fishing	..	*1	..	..	..	..	*1	..
Commerce and public services	..	*1	..	..	..	*5	*6	..
Households	..	*2	..	0	0	*20	*22	*16
Other consumers
Non-energy use

Norway

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	31079	..	3732629	..	4305995	55605	..	503341	3120	8631769	547826
Imports	19473	12170	49872	221067	192	9062	..	26536	..	338371	9062
Exports	-31584	0	-2747089	-814447	-4050679	-828	..	-79258	..	-7723884	-828
International marine bunkers	..	..	..	-4559	-1447	..	..	..	..	-6007	..
International aviation bunkers	..	..	..	-25710	..	..	..	..	..	-25710	..
Stock changes	3175	57	-5076	-8895	1617	..	..	..	..	-9122	..
Total energy supply	22143	12227	1030336	-632544	255678	63839	..	450619	3120	1205417	556060
Statistical difference	1124	1340	16159	37342	7468	11	..	2246	280	65970	503355
Transfers	..	..	-80798	82607	..	..	..	..	..	1809	..
Transformation	-2782	-4670	-933380	939446	-14163	-20964	..	9713	20836	-5964	-14059
Electricity plants	..	-1088	..	-86	-39	-196	..	1804	..	395	-196
CHP plants	-703	..	..	-86	-13772	-8749	..	11088	5956	-6265	-4414
Heat plants	..	-22	..	-495	-353	-12019	..	-3179	14880	-1187	-9449
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-2079	-3560	..	..	..	..	..	..	..	-5639	..
NGL plants & gas blending	..	..	-354484	376328	..	..	..	..	..	21844	..
Oil refineries	..	..	-578896	563925	..	..	..	..	..	-14970	..
Other transformation	..	..	..	-141	..	..	..	..	..	-141	..
Energy industries own use	..	..	..	-21780	-193163	-1	..	-31320	-3445	-249709	0
Losses	..	-105	..	..	..	..	..	-26888	-2287	-29280	..
Final consumption	18237	6113	..	330387	40883	42862	..	399877	17944	856303	38646
Final energy consumption	15933	6113	..	253120	17871	42862	..	399877	17944	753720	38646
Manufacturing, const., mining	15933	6113	..	35162	10809	14488	..	162043	1601	246149	10445
Iron and steel	5957	3023	..	353	38	133	..	18191	7	27701	49
Chemical and petrochemical	7362	2577	..	13993	4149	4318	..	28184	0	60583	3060
Non-ferrous metals	..	..	..	1022	1207	0	..	73390	50	75669	0
Non-metallic minerals	2613	513	..	2187	2063	2943	..	3398	17	13735	840
Transport equipment	..	..	..	219	43	3	..	1487	82	1834	1
Machinery	..	..	..	611	141	3	..	4468	153	5376	3
Mining and quarrying	..	..	..	2929	149	1	..	1915	2	4997	0
Food and tobacco	..	..	..	2894	2386	119	..	9706	346	15451	112
Paper, pulp and printing	..	..	..	295	333	3221	..	12553	9	16411	2640
Wood and wood products	..	..	..	301	145	3557	..	2308	322	6633	3551
Textile and leather	..	..	..	90	30	0	..	320	1	441	0
Construction	..	..	..	9899	22	0	..	4655	597	15172	0
Industries n.e.s	0	0	..	370	104	190	..	1469	15	2147	190
Transport	..	..	..	187847	5369	6232	..	2956	..	202403	6232
Road	..	..	..	134524	847	6232	..	677	..	142279	6232
Rail	..	..	..	559	..	..	..	2279	..	2838	..
Domestic aviation	..	..	..	18214	..	..	..	..	..	18214	..
Domestic navigation	..	..	..	25606	4523	..	..	..	..	30129	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	8944	..	..	..	..	..	8944	..
Other	..	..	..	30111	1693	22142	..	234878	16343	305168	21969
Agriculture, forestry, fishing	..	..	..	7078	554	..	..	7207	61	14900	..
Commerce, public services	..	..	..	7297	999	1713	..	88726	12548	111283	1540
Households	..	..	..	13646	140	20429	..	138946	3734	176896	20429
Other consumers	..	..	..	2090	..	..	..	..	..	2090	..
Non-energy use	2304	..	..	77267	23012	..	..	..	..	102583	..

Norway

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	22986	..	3833237	..	4284644	55049	..	522439	..	8718355	566650
Imports	18546	12141	20854	262273	144	18575	..	20664	..	353197	18575
Exports	-25627	..	-2929360	-808513	-4051423	-2044	..	-79744	..	-7896710	-2044
International marine bunkers	..	..	..	-2150	-1976	..	..	..	..	-4126	..
International aviation bunkers	..	..	..	-22138	..	..	..	..	..	-22138	..
Stock changes	4103	-428	-30921	14671	401	..	..	..	..	-12175	..
Total energy supply	20007	11714	893810	-555858	231790	71580	..	463360	..	1136403	583181
Statistical difference	-1012	-29	-2030	19892	-8916	-5	..	1292	222	9415	522435
Transfers	..	..	-55250	57730	..	..	..	..	..	2480	..
Transformation	-2276	-4295	-840591	861664	-14307	-21427	..	8968	22198	9933	-14723
Electricity plants	..	-1006	..	-129	-23	-178	..	1714	..	378	-178
CHP plants	-731	..	..	-129	-13803	-8871	..	10919	6352	-6263	-4566
Heat plants	..	-13	..	-679	-482	-12378	..	-3665	15846	-1371	-9979
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-1546	-3276	..	..	..	..	..	..	..	-4822	..
NGL plants & gas blending	..	..	-398375	420424	..	..	..	..	..	22049	..
Oil refineries	..	..	-442216	442361	..	..	..	..	..	145	..
Other transformation	..	..	..	-184	..	..	..	..	..	-184	..
Energy industries own use	..	..	..	-19652	-190465	0	..	-28901	0	-239018	0
Losses	..	-59	..	..	..	..	..	-33012	-2456	-35527	..
Final consumption	18743	7388	..	323992	35933	50158	..	409122	19520	864856	46023
Final energy consumption	16579	7388	..	250122	17099	50158	..	409122	19520	769989	46023
Manufacturing, const., mining	16579	7388	..	33249	10401	13257	..	164722	1483	247079	9295
Iron and steel	5845	4771	..	305	25	180	..	18630	5	29761	79
Chemical and petrochemical	8149	2099	..	13180	4057	3128	..	27893	2	58508	2101
Non-ferrous metals	..	..	..	1065	1371	0	..	74750	54	77240	0
Non-metallic minerals	2585	518	..	2015	2131	3035	..	3125	2	13412	788
Transport equipment	..	..	..	129	46	0	..	1559	59	1793	0
Machinery	..	..	..	391	139	4	..	4133	167	4834	0
Mining and quarrying	..	..	..	2455	116	2	..	1498	2	4073	2
Food and tobacco	..	..	..	2963	1763	53	..	10422	297	15498	52
Paper, pulp and printing	..	..	..	300	548	3179	..	13770	13	17810	2620
Wood and wood products	..	..	..	344	59	3530	..	2430	280	6643	3508
Textile and leather	..	..	..	43	28	1	..	263	2	337	1
Construction	..	..	..	9688	32	0	..	4824	583	15127	0
Industries n.e.s	0	0	..	370	86	145	..	1426	17	2043	145
Transport	..	..	..	183145	4951	14452	..	3492	..	206040	14452
Road	..	..	..	131188	895	14452	..	1228	..	147763	14452
Rail	..	..	..	559	..	..	..	2264	..	2823	..
Domestic aviation	..	..	..	16803	..	..	..	..	..	16803	..
Domestic navigation	..	..	..	26469	4056	..	..	..	..	30525	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	8127	..	..	..	..	..	8127	..
Other	..	..	..	33729	1747	22448	..	240908	18037	316869	22275
Agriculture, forestry, fishing	..	..	..	6996	543	..	..	7448	34	15021	..
Commerce, public services	..	..	..	10320	1053	1713	..	93895	13209	120190	1540
Households	..	..	..	13614	151	20735	..	139565	4794	178860	20735
Other consumers	..	..	..	2798	..	..	..	..	..	2798	..
Non-energy use	2164	..	..	73870	18834	..	..	..	..	94868	..

Oman

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	2080010	..	1220090	414	..	..	..	3300515	414
Imports	7770	1809	74147	327	..	..	..	84054	327
Exports	-1780407	-62927	-368920	-3	..	..	..	-2212257	-3
International marine bunkers	-52116	..	..	..	..	..	-52116	..
International aviation bunkers	-22271	..	..	..	..	..	-22271	..
Stock changes	1647	..	..	..	..	..	1647	..
Total energy supply	307374	-133858	925318	739	..	..	..	1099572	739
Statistical difference	-100716	-1128	37513	0	..	0	..	-64330	0
Transfers	3201	..	..	..	..	..	3201	..
Transformation	-408090	410733	-292909	*-172	..	117929	..	-172509	*-172
Electricity plants	-8686	-292909	..	..	117929	..	-183666	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-10652	11399	..	..	..	..	..	747	..
Oil refineries	-397438	408020	..	..	..	..	..	10582	..
Other transformation	*-172	..	..	..	*-172	*-172
Energy industries own use	-5693	-125932	..	..	-2434	..	-134058	..
Losses	-11412	..	-11412	..
Final consumption	275511	468964	*567	..	104083	..	849124	*567
Final energy consumption	238509	406450	*567	..	104083	..	749609	*567
Manufacturing, const., mining	17931	399708	..	..	17003	..	434641	..
Iron and steel	23683	..	..	..	..	23683	..
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	12012	..	..	..	..	12012	..
Transport equipment
Machinery
Mining and quarrying	2678	..	..	..	..	2678	..
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	17931	361334	..	..	17003	..	396268	..
Transport	184006	..	..	..	..	..	184006	..
Road	184006	..	..	..	..	..	184006	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	36572	6743	*567	..	87080	..	130962	*567
Agriculture, forestry, fishing	1368	..	1368	..
Commerce, public services	36187	..	36187	..
Households	7804	..	*567	..	49525	..	57897	*567
Other consumers	28767	6743	..	..	..	..	35510	..
Non-energy use	37002	62513	..	..	..	..	99515	..

Oman

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	2135474	..	1243244	425	..	..	..	3379143	425
Imports	7770	2400	73402	394	..	..	..	83966	394
Exports	-1860142	-60405	-373665	-6	..	..	..	-2294219	-6
International marine bunkers	-67751	..	..	..	..	..	-67751	..
International aviation bunkers	-24445	..	..	..	..	..	-24445	..
Stock changes	-7221	..	..	..	..	..	-7221	..
Total energy supply	283101	-157422	942981	813	..	..	..	1069473	813
Statistical difference	-128609	16523	52305	0	..	0	..	-59781	0
Transfers	3416	..	..	..	..	..	3416	..
Transformation	-411710	417655	-280705	*-176	..	123156	..	-151780	*-176
Electricity plants	-9632	-280705	..	..	123156	..	-167181	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-11227	*13637	..	..	..	..	..	*2410	..
Oil refineries	-400483	413651	..	..	..	..	..	13168	..
Other transformation	*-176	..	..	..	*-176	*-176
Energy industries own use	-4604	-130677	..	..	-2192	..	-137473	..
Losses	-11671	..	-11671	..
Final consumption	242524	479293	*637	..	109292	..	831746	*637
Final energy consumption	209537	412094	*637	..	109292	..	731560	*637
Manufacturing, const., mining	13115	405602	..	..	18551	..	437268	..
Iron and steel	26908	..	..	..	..	26908	..
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	11565	..	..	..	..	11565	..
Transport equipment
Machinery
Mining and quarrying	2579	..	..	..	..	2579	..
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	13115	364550	..	..	18551	..	396216	..
Transport	156656	..	..	..	..	..	156656	..
Road	156656	..	..	..	..	..	156656	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	39766	6492	*637	..	90742	..	137636	*637
Agriculture, forestry, fishing	1415	..	1415	..
Commerce, public services	38945	..	38945	..
Households	8892	..	*637	..	50382	..	59911	*637
Other consumers	30874	6492	..	..	..	..	37366	..
Non-energy use	32986	67199	..	..	..	..	100186	..

Pakistan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	77911	..	198428	..	1378602	568229	49734	130255	..	2403159	698484
Imports	135007	..	366986	590022	..	21	..	1667	..	1093702	21
Exports	..	..	-13468	*-44289	..	-2	..	..	..	*-57759	-2
International marine bunkers	..	..	..	-2073	..	..	..	..	..	-2073	..
International aviation bunkers	..	..	..	-9217	..	..	..	..	..	-9217	..
Stock changes	..	..	0	*-4040	1115	..	..	..	..	*-2925	..
Total energy supply	212918	..	551946	530402	1379717	568248	49734	131922	..	3424887	698503
Statistical difference	-9375	0	18066	-14342	218444	0	0	4	..	212797	130255
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-5024	0	-533880	205679	-323197	*-2077	-49734	*270421	..	-437812	*-2077
Electricity plants	-5024	..	..	*-314434	-323197	..	-49734	*270421	..	*-421968	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	0	0	..	..	..	..	..	..	..	0	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	0	..	..	..	..	..	..	..	0	..
NGL plants & gas blending	..	..	-20641	22089	..	..	..	..	..	1448	..
Oil refineries	..	..	-513239	498023	..	..	..	..	..	-15215	..
Other transformation	..	..	..	..	..	*-2077	..	..	..	*-2077	*-2077
Energy industries own use	..	..	..	-8712	-5737	..	..	-14843	..	-29291	..
Losses	..	..	..	..	-73889	..	..	-61952	..	-135842	..
Final consumption	217268	0	..	741711	758450	*566171	..	325544	..	2609145	*566171
Final energy consumption	217268	0	..	723219	634843	*566171	..	325544	..	2467046	*566171
Manufacturing, const., mining	217268	0	..	80746	*291121	*126411	..	90126	..	*805672	*126411
Iron and steel	..	0	..	..	1006	..	..	..	..	1006	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	217268	0	..	80746	*290115	*126411	..	90126	..	*804666	*126411
Transport	..	..	..	573180	59976	..	..	0	..	633156	..
Road	..	..	..	534401	59976	..	..	..	..	594377	..
Rail	..	..	..	11390	..	..	..	0	..	11390	..
Domestic aviation	..	..	..	27386	..	..	..	..	..	27386	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	3	..	..	..	..	..	3	..
Other	..	..	..	69293	283746	*439760	..	235418	..	1028218	*439760
Agriculture, forestry, fishing	..	..	..	645	..	..	..	30694	..	31339	..
Commerce, public services	..	..	..	..	..	..	..	44575	..	44575	..
Households	..	..	..	23595	252450	*439760	..	160150	..	*875955	*439760
Other consumers	..	..	..	45053	*31296	..	..	..	..	76349	..
Non-energy use	..	..	..	18492	123607	..	..	..	..	142099	..

Pakistan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	78344	..	202865	..	1369580	586558	75589	125464	..	2438399	712022
Imports	194096	..	366339	656267	..	22	..	1786	..	1218509	22
Exports	..	..	-8029	*-38012	..	-3	..	..	..	*-46044	-3
International marine bunkers	..	..	..	-1576	..	..	..	..	..	-1576	..
International aviation bunkers	..	..	..	-10584	..	..	..	..	..	-10584	..
Stock changes	..	..	0	*-2407	*1121	..	..	..	..	*-1286	..
Total energy supply	272439	..	561176	603688	1370701	586577	75589	127249	..	3597419	712040
Statistical difference	3684	0	10960	-20997	144440	0	0	4	..	138091	125463
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-20662	0	-550216	195916	-325694	*-2120	-75589	*317761	..	-460603	*-2120
Electricity plants	-20662	..	..	*-345416	-325694	..	-75589	*317761	..	*-449600	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	0	0	..	..	..	..	..	..	..	0	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	0	..	..	..	..	..	..	..	0	..
NGL plants & gas blending	..	..	-21614	23130	..	..	..	..	..	1516	..
Oil refineries	..	..	-528602	518202	..	..	..	..	..	-10400	..
Other transformation	..	..	..	..	..	*-2120	..	..	..	*-2120	*-2120
Energy industries own use	..	..	..	-9405	*-5770	..	..	-16207	..	-31382	..
Losses	..	..	..	..	*-74324	..	..	-84895	..	-159219	..
Final consumption	248092	0	..	811195	820474	*584457	..	343904	..	2808123	*584457
Final energy consumption	248092	0	..	791859	696139	*584457	..	343904	..	2664452	*584457
Manufacturing, const., mining	248092	0	..	79087	332335	*141268	..	86436	..	887219	*141268
Iron and steel	..	0	..	..	688	..	..	..	..	688	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	248092	0	..	79087	331648	*141268	..	86436	..	886531	*141268
Transport	..	..	..	639214	62572	..	..	0	..	701786	..
Road	..	..	..	598569	62572	..	..	..	..	661141	..
Rail	..	..	..	12419	..	..	..	0	..	12419	..
Domestic aviation	..	..	..	28224	..	..	..	..	..	28224	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	2	..	..	..	..	..	2	..
Other	..	..	..	73558	301231	*443189	..	257468	..	1075447	*443189
Agriculture, forestry, fishing	..	..	..	559	..	..	..	33196	..	33755	..
Commerce, public services	..	..	..	..	..	..	..	48960	..	48960	..
Households	..	..	..	24901	270656	*443189	..	175313	..	914060	*443189
Other consumers	..	..	..	48098	30575	..	..	..	..	78673	..
Non-energy use	..	..	..	19336	*124335	..	..	..	..	*143671	..

Palau

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production
Imports	..	*3711	..	..	0	..	*3712	0
Exports
International marine bunkers
International aviation bunkers	..	*-640	..	..	..	..	*-640	..
Stock changes
Total energy supply	..	*3072	..	..	0	..	*3072	0
Statistical Difference	..	*26	..	..	0	*10	*36	0
Transfers
Transformation	..	*-980	..	..	..	*323	*-657	..
Electricity plants	..	*-980	..	..	..	*323	*-657	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	*-21	*-21	..
Losses	*-50	*-50	..
Final consumption	..	*2065	..	..	0	*241	*2307	0
Final energy consumption	..	*2025	..	..	0	*241	*2267	0
Manufacturing, const., mining	*22	*22	..
Transport	..	*1937	..	..	..	..	*1937	..
Road	..	*661	..	..	..	..	*661	..
Domestic aviation
Domestic navigation	..	*1277	..	..	..	..	*1277	..
Other transport
Other	..	*88	..	..	0	*220	*308	0
Agriculture, forestry, fishing
Commerce and public services	*147	*147	..
Households	..	*88	..	..	0	73	*161	0
Other consumers
Non-energy use	..	*40	..	..	..	..	*40	..
2016								
Primary production
Imports	..	*3738	..	..	0	..	*3738	0
Exports
International marine bunkers
International aviation bunkers	..	*-635	..	..	..	..	*-635	..
Stock changes
Total energy supply	..	*3103	..	..	0	..	*3103	0
Statistical Difference	..	0	..	..	0	*10	*10	0
Transfers
Transformation	..	*-1075	..	..	..	*341	*-734	..
Electricity plants	..	*-1075	..	..	..	*341	*-734	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	*-22	*-22	..
Losses	*-54	*-54	..
Final consumption	..	*2028	..	..	0	*255	*2283	0
Final energy consumption	..	*1988	..	..	0	*255	*2243	0
Manufacturing, const., mining	*22	*22	..
Transport	..	*1900	..	..	..	..	*1900	..
Road	..	*647	..	..	..	..	*647	..
Domestic aviation
Domestic navigation	..	*1253	..	..	..	..	*1253	..
Other transport
Other	..	*88	..	..	0	*234	*322	0
Agriculture, forestry, fishing
Commerce and public services	*152	*152	..
Households	..	*88	..	..	0	82	*170	0
Other consumers
Non-energy use	..	*40	..	..	..	..	*40	..

Panama

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	..	..	11910	..	24089	35999	35999
Imports	9133	257219	..	..	..	62	266414	..
Exports	..	-124	..	..	..	-501	-625	..
International marine bunkers	..	-124149	..	..	..	..	-124149	..
International aviation bunkers	..	-28259	..	..	..	..	-28259	..
Stock changes	..	21495	..	..	..	..	21495	..
Total energy supply	9133	126183	..	11910	..	23649	170875	35999
Statistical Difference	0	320	..	1	0	85	405	24090
Transfers	..	..	..	..	..	..	..	..
Transformation	-9133	-21941	..	-2947	36	12974	-21010	-2911
Electricity plants	-9133	-21941	..	-2900	..	12974	-21000	-2900
Charcoal plants	..	..	..	-47	36	..	-10	-10
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-723	-723	..
Losses	..	..	..	..	..	-5040	-5040	..
Final consumption	..	103922	..	8962	36	30775	143696	8998
Final energy consumption	..	103922	..	8962	36	30775	143696	8998
Manufacturing, const., mining	..	31867	..	3254	..	2409	37530	3254
Transport	..	62929	..	..	..	151	63080	..
Road	..	61790	..	..	..	..	61790	..
Domestic aviation	..	1080	..	..	..	..	1080	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	59	..	..	..	151	210	..
Other	..	9126	..	5708	36	28215	43086	5745
Agriculture, forestry, fishing	..	928	..	..	..	66	994	..
Commerce and public services	..	2153	..	..	14	18318	20485	14
Households	..	6045	..	5708	22	9831	21607	5730
Other consumers	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	..	..	..	..	..
2016								
Primary production	..	..	..	13421	..	25989	39410	39410
Imports	8075	290941	..	..	..	108	299124	..
Exports	..	-15	..	..	..	-1431	-1446	..
International marine bunkers	..	-142919	..	..	..	..	-142919	..
International aviation bunkers	..	-29813	..	..	..	..	-29813	..
Stock changes	..	4896	..	..	..	..	4896	..
Total energy supply	8075	123090	..	13421	..	24665	169252	39410
Statistical Difference	0	-4429	..	1	0	139	-4289	25990
Transfers	..	..	..	..	..	..	..	..
Transformation	-8075	-23248	..	-4046	35	13199	-22135	-4011
Electricity plants	-8075	-23248	..	-4001	..	13199	-22125	-4001
Charcoal plants	..	..	..	-45	35	..	-10	-10
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-746	-746	..
Losses	..	..	..	..	..	-5441	-5441	..
Final consumption	..	104271	..	9375	35	31538	145219	9410
Final energy consumption	..	104271	..	9375	35	31538	145219	9410
Manufacturing, const., mining	..	27143	..	3688	..	2330	33161	3688
Transport	..	67793	..	..	..	132	67924	..
Road	..	66623	..	..	..	..	66623	..
Domestic aviation	..	1120	..	..	..	..	1120	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	50	..	..	..	132	181	..
Other	..	9335	..	5687	35	29076	44134	5722
Agriculture, forestry, fishing	..	733	..	..	..	66	799	..
Commerce and public services	..	2236	..	..	14	18948	21198	14
Households	..	6366	..	5687	21	10062	22138	5709
Other consumers	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	..	..	..	..	..

Papua New Guinea

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	51121	..	295119	56687	..	3643	15192	421762	75522
Imports	26168	53758	..	..	..	..	..	79926	..
Exports	-51121	0	-261771	-45	..	..	..	-312937	-45
International marine bunkers	-377	..	..	..	..	..	-377	..
International aviation bunkers	*-2763	..	..	..	..	..	*-2763	..
Stock changes	-461	-209	..	..	..	..	..	-670	..
Total energy supply	25707	50409	33348	56642	..	3643	15192	184941	75477
Statistical difference	0	-85	38	0	..	0	0	-47	5162
Transfers	-1926	..	..	..	..	..	-1926	..
Transformation	-25707	754	-4823	*-492	..	11923	-15192	-33537	-14165
Electricity plants	-26585	-4823	..	..	11923	-15192	-34677	-13673
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-25707	27339	..	..	..	..	..	1632	..
Other transformation	*-492	..	..	..	*-492	*-492
Energy industries own use	-28487	..	..	0	..	-28487	..
Losses	-1591	..	-1591	..
Final consumption	49321	..	*56150	..	13975	..	*119447	*56150
Final energy consumption	49321	..	*56150	..	13975	..	*119447	*56150
Manufacturing, const., mining	19553	..	*5818	..	10216	..	35587	*5818
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	*880	..	..	..	*880	*880
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	19553	..	*4938	..	10216	..	34706	*4938
Transport	23529	..	..	..	..	..	23529	..
Road	20766	..	..	..	..	..	20766	..
Rail
Domestic aviation	*2763	..	..	..	..	..	*2763	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	6239	..	*50332	..	*3759	..	*60331	*50332
Agriculture, forestry, fishing	4229	..	..	..	*230	..	4459	..
Commerce, public services	*331	..	*331	..
Households	1884	..	*50332	..	*3198	..	*55414	*50332
Other consumers	126	..	..	..	..	..	126	..
Non-energy use

Papua New Guinea

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	49321	..	250806	56687	..	3618	15120	375551	75425
Imports	57862	39816	..	..	..	..	..	97678	..
Exports	-49320	-19050	-221302	-45	..	..	..	-289717	-45
International marine bunkers	-377	..	..	..	..	..	-377	..
International aviation bunkers	*-2784	..	..	..	..	..	*-2784	..
Stock changes	1340	2010	..	..	..	..	..	3350	..
Total energy supply	59203	19615	29504	56642	..	3618	15120	183702	75380
Statistical difference	-333	-211	1393	0	..	0	0	849	5130
Transfers	-2512	..	..	..	..	..	-2512	..
Transformation	-59536	32866	-4899	*-495	..	12384	-15120	-34799	-14103
Electricity plants	-26587	-4899	..	..	12384	-15120	-34222	-13608
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-59536	59453	..	..	..	..	..	-83	..
Other transformation	*-495	..	..	..	*-495	*-495
Energy industries own use	-23212	..	..	-419	..	-23631	..
Losses	-1214	..	-1214	..
Final consumption	50180	..	*56148	..	14369	..	*120697	*56148
Final energy consumption	50180	..	*56148	..	14369	..	*120697	*56148
Manufacturing, const., mining	20181	..	*5818	..	10551	..	36550	*5818
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	*880	..	..	..	*880	*880
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	20181	..	*4938	..	10551	..	35669	*4938
Transport	23760	..	..	..	..	..	23760	..
Road	20976	..	..	..	..	..	20976	..
Rail
Domestic aviation	*2784	..	..	..	..	..	*2784	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	6239	..	*50330	..	*3818	..	*60387	*50330
Agriculture, forestry, fishing	4229	..	..	..	*250	..	4479	..
Commerce, public services	*350	..	*350	..
Households	1884	..	*50330	..	*3218	..	*55432	*50330
Other consumers	126	..	..	..	..	..	126	..
Non-energy use

Paraguay

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	..	..	128586	..	200674	329260	329260
Imports	96	83944	..	..	..	..	84040	..
Exports	..	..	..	..	-3012	-148056	-151068	-3012
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-1465	..	..	..	..	-1465	..
Stock changes	..	-340	..	..	..	..	-340	..
Total energy supply	96	82140	..	128586	-3012	52618	260428	326248
Statistical Difference	0	-3042	..	0	0	0	-3042	200674
Transfers	..	..	..	..	..	..	..	..
Transformation	..	-18	..	-25721	12686	5	-13049	-13036
Electricity plants	..	-18	..	..	..	5	-13	..
Charcoal plants	..	..	..	-25721	12686	..	-13036	-13036
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-1624	-1624	..
Losses	..	..	..	..	..	-12924	-12924	..
Final consumption	96	85164	..	102865	9673	38075	235873	112538
Final energy consumption	96	83662	..	102865	9673	38075	234371	112538
Manufacturing, const., mining	96	1823	..	57627	1118	14434	75098	58745
Transport	..	78387	..	5030	..	..	83418	5030
Road	..	78247	..	5030	..	..	83278	5030
Domestic aviation	..	140	..	..	..	..	140	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	3452	..	40208	8555	23641	75856	48763
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	1730	1730	..
Households	..	13	..	40189	..	16353	56554	40189
Other consumers	..	3439	..	20	8555	5558	17572	8575
Non-energy use	..	1502	..	..	..	..	1502	..
2016								
Primary production	..	..	..	114387	..	229573	343960	343960
Imports	46	103341	..	..	..	..	103386	..
Exports	..	..	..	..	-2741	-174294	-177035	-2741
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-2001	..	..	..	..	-2001	..
Stock changes	..	-3340	..	..	..	..	-3340	..
Total energy supply	46	97999	..	114387	-2741	55278	264969	341219
Statistical Difference	0	-3404	..	0	0	0	-3404	229573
Transfers	..	..	..	..	..	..	..	..
Transformation	..	-17	..	-19047	12139	5	-6921	-6908
Electricity plants	..	-17	..	..	..	5	-12	..
Charcoal plants	..	..	..	-19047	12139	..	-6908	-6908
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-1884	-1884	..
Losses	..	..	..	..	..	-13756	-13756	..
Final consumption	46	101387	..	95340	9398	39643	245814	104738
Final energy consumption	46	99644	..	95340	9398	39643	244071	104738
Manufacturing, const., mining	46	1928	..	54299	921	14777	71971	55221
Transport	..	94304	..	6219	..	..	100523	6219
Road	..	94157	..	6219	..	..	100376	6219
Domestic aviation	..	147	..	..	..	..	147	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	3412	..	34822	8477	24867	71577	43298
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	1765	1765	..
Households	..	14	..	34801	..	17258	52074	34801
Other consumers	..	3398	..	20	8477	5844	17739	8497
Non-energy use	..	1743	1743	..

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Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	7122	..	267692	..	478101	110774	..	87545	3557	954790	201876
Imports	11834	1072	181420	136821	..	11688	..	2	..	342837	11688
Exports	-7150	0	-16840	-126073	-180856	..	..	-197	..	-331116	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-34266	..	..	..	..	..	-34266	..
Stock changes	21110	113	-12931	-119	..	-6464	..	..	..	1710	-6464
Total energy supply	32916	1184	419341	-23636	297245	115999	..	87350	3557	933956	207101
Statistical difference	-4198	0	-26549	2816	9261	225	..	-8	0	-18453	88598
Transfers	..	..	..	-1083	..	..	..	..	..	-1083	..
Transformation	-6694	..	-445890	412639	-164165	-17674	..	86252	-2484	-138016	-19330
Electricity plants	-6694	..	..	-12325	-164165	-15348	..	86252	-2484	-114764	-17004
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-145084	149258	..	..	..	..	..	4174	..
Oil refineries	..	..	-300806	275706	..	..	..	..	..	-25100	..
Other transformation	..	..	..	..	..	-2326	..	..	..	-2326	-2326
Energy industries own use	..	..	..	-10873	-51368	..	..	-2041	..	-64283	..
Losses	..	..	..	..	..	..	..	-19166	..	-19166	..
Final consumption	30420	1184	..	374232	72451	98100	..	152402	1073	729862	99173
Final energy consumption	30420	1184	..	361327	72451	98100	..	152402	1073	716957	99173
Manufacturing, const., mining	30301	1184	..	52779	40419	6363	..	84406	3	215455	6366
Iron and steel	4028	1184	..	0	2079	..	..	40280	1	47573	1
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	1656	..	..	..	..	..	1656	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	15089	..	..	..	..	..	15089	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	26273	0	..	36034	38340	6363	..	44125	2	151137	6365
Transport	..	..	..	248716	24065	6401	..	173	..	279355	6401
Road	..	..	..	245296	..	6401	..	..	..	251697	6401
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	6020	..	..	..	..	..	6020	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	-2600	24065	..	..	173	..	21638	..
Other	118	..	..	59833	7967	85336	..	67824	1070	222148	86406
Agriculture, forestry, fishing	59	..	..	6776	1565	123	..	4424	5	12953	128
Commerce, public services	59	..	..	18196	4159	145	..	30254	415	53229	560
Households	..	..	..	34860	2243	85067	..	33145	650	155965	85717
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	12904	..	..	..	..	..	12904	..

Peru

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	7349	..	232470	..	529548	107537	..	93056	3992	973952	204585
Imports	17843	3553	222876	177897	..	13386	..	79	..	435634	13386
Exports	-4508	0	-4897	-196193	-216911	..	..	-137	..	-422646	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-38014	..	..	..	..	..	-38014	..
Stock changes	12185	-931	601	57923	..	-6738	..	..	..	63041	-6738
Total energy supply	32869	2623	451050	1613	312638	114185	..	92999	3992	1011967	211233
Statistical difference	-2711	28	-43	27695	9500	137	..	-4	0	34602	94061
Transfers	..	..	..	9148	..	..	..	..	..	9148	..
Transformation	-12095	..	-451093	420671	-179646	-15417	..	96736	-2603	-143447	-17152
Electricity plants	-12095	..	..	-14655	-179646	-13164	..	96736	-2603	-125427	-14899
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-146936	151210	..	..	..	..	..	4274	..
Oil refineries	..	..	-304157	284116	..	..	..	..	..	-20040	..
Other transformation	..	..	..	..	..	-2253	..	..	..	-2253	-2253
Energy industries own use	..	..	..	-11323	-51822	..	..	-6592	..	-69737	..
Losses	..	..	..	..	..	..	..	-19742	..	-19742	..
Final consumption	23485	2594	..	392414	71669	98632	..	163404	1389	753587	100021
Final energy consumption	23485	2594	..	381037	71669	98632	..	163404	1389	742210	100021
Manufacturing, const., mining	23482	2594	..	52120	43532	8093	..	93794	3	223619	8096
Iron and steel	1593	2594	..	..	0	..	..	52819	1	57008	1
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	16972	..	..	..	..	..	16972	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	21889	0	..	35149	43532	8093	..	40975	2	149640	8095
Transport	..	..	..	266056	24448	6759	..	166	..	297428	6759
Road	..	..	..	260925	..	6759	..	..	..	267684	6759
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	7838	..	..	..	..	..	7838	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	-2707	24448	..	..	166	..	21906	..
Other	3	..	..	62861	3689	83780	..	69444	1386	221163	85166
Agriculture, forestry, fishing	3	..	..	5771	0	123	..	4504	5	10405	128
Commerce, public services	..	..	..	19392	812	145	..	31104	562	52016	707
Households	37698	2877	83512	..	33836	819	158742	84331
Other consumers
Non-energy use	11377	11377	..

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Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	163030	..	29846	..	121863	251848	..	34448	397573	998608	683392
Imports	381222	7050	450224	428358	..	11094	..	..	..	1277949	11094
Exports	-68625	..	-30028	-57834	..	..	..	..	..	-156487	..
International marine bunkers	..	..	..	-1162	..	..	..	..	..	-1162	..
International aviation bunkers	..	..	..	-54327	..	..	..	..	..	-54327	..
Stock changes	10063	..	-1540	-23473	..	724	..	..	..	-14225	724
Total energy supply	485690	7050	448503	291563	121863	263665	..	34448	397573	2050355	695209
Statistical difference	-367	0	783	949	4	5	..	122	0	1494	74210
Transfers	..	..	..	*666	..	..	..	..	..	*666	..
Transformation	-387713	-4230	-437742	363289	-115144	50198	..	262362	-397573	-666553	-307140
Electricity plants	*-387713	..	..	*-60270	*-115144	*-5778	..	262362	-397573	-704117	-363117
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-4230	..	..	..	..	..	..	..	-4230	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-437742	423559	..	..	..	..	..	-14183	..
Other transformation	..	..	..	..	..	55976	..	..	..	55976	55976
Energy industries own use	..	..	-9979	..	-4590	..	..	-25647	..	-40216	..
Losses	..	..	..	..	..	..	..	-26932	..	-26932	..
Final consumption	98345	2820	..	654569	2125	313858	..	244108	..	1315825	313858
Final energy consumption	92816	2820	..	639630	2125	313858	..	244108	..	1295358	313858
Manufacturing, const., mining	92816	2820	..	59834	2125	42793	..	81050	..	281438	42793
Iron and steel	9104	2820	..	4755	..	13	..	16524	..	33215	13
Chemical and petrochemical	433	..	..	8471	..	32	..	4922	..	13858	32
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	74122	..	..	8633	..	36	..	6172	..	88962	36
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	6406	..	42	..	20264	..	26712	42
Mining and quarrying	..	..	..	13057	..	198	..	2523	..	15778	198
Food and tobacco	5120	..	..	10317	..	42013	..	14816	..	72266	42013
Paper, pulp and printing	3108	..	..	255	..	2	..	4539	..	7903	2
Wood and wood products	..	..	..	646	..	3	..	1919	..	2568	3
Textile and leather	387	..	..	589	..	1	..	6282	..	7258	1
Construction	..	..	..	5890	..	91	..	762	..	6742	91
Industries n.e.s	543	0	..	818	2125	362	..	2328	..	6176	362
Transport	..	..	..	471658	0	23054	..	354	..	495066	23054
Road	..	..	..	407629	0	22675	..	..	..	430304	22675
Rail	..	..	..	73	..	0	..	354	..	427	0
Domestic aviation	..	..	..	19921	..	..	..	..	..	19921	..
Domestic navigation	..	..	..	44035	..	379	..	..	..	44414	379
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	108138	..	248012	..	162704	..	518854	248012
Agriculture, forestry, fishing	..	..	..	8526	..	149	..	8510	..	17185	149
Commerce, public services	..	..	..	56734	..	15238	..	72305	..	144277	15238
Households	42879	..	232624	..	81889	..	357392	232624
Other consumers
Non-energy use	5528	14938	20467	..

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Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	247747	..	29215	..	139619	254165	..	36720	398534	1106001	689196
Imports	431940	9475	454420	471782	..	9510	..	..	..	1377128	9510
Exports	-151031	..	-28005	-55066	..	..	..	..	..	-234102	..
International marine bunkers	..	..	..	-2117	..	..	..	..	..	-2117	..
International aviation bunkers	..	..	..	-57903	..	..	..	..	..	-57903	..
Stock changes	-50070	..	-9344	-5744	..	2016	..	..	..	-63141	2016
Total energy supply	478587	9475	446286	350952	139619	265691	..	36720	398534	2125865	700722
Statistical difference	-65283	0	-10321	13394	0	-6	..	122	0	-62093	76568
Transfers	..	..	..	*-725	..	..	..	..	..	*-725	..
Transformation	-425312	-5685	-451392	383045	-131615	48004	..	290274	-398534	-691215	-310453
Electricity plants	*-425312	..	..	*-52916	*-131615	*-10686	..	290274	-398534	-728789	-369144
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-5685	..	..	..	..	..	..	..	-5685	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-451392	435961	..	..	..	..	..	-15431	..
Other transformation	..	..	..	..	..	58690	..	..	..	58690	58690
Energy industries own use	..	..	-5216	..	-5236	..	..	-30086	..	-40538	..
Losses	..	..	..	..	..	..	..	-29831	..	-29831	..
Final consumption	118558	3790	..	719878	2767	313701	..	266955	..	1425650	313701
Final energy consumption	111185	3790	..	708976	2767	313701	..	266955	..	1407374	313701
Manufacturing, const., mining	111185	3790	..	63114	2767	43249	..	86827	..	310931	43249
Iron and steel	9473	3790	..	4598	..	13	..	17701	..	35576	13
Chemical and petrochemical	393	..	..	8157	..	36	..	5273	..	13858	36
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	85575	..	..	8891	..	42	..	6612	..	101120	42
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	7027	..	52	..	21708	..	28787	52
Mining and quarrying	..	..	..	9982	..	139	..	2703	..	12824	139
Food and tobacco	11588	..	..	13419	..	42453	..	15872	..	83332	42453
Paper, pulp and printing	3526	..	..	239	..	1	..	4862	..	8628	1
Wood and wood products	..	..	..	616	..	3	..	2056	..	2675	3
Textile and leather	338	..	..	435	..	1	..	6729	..	7503	1
Construction	..	..	..	8702	..	142	..	816	..	9660	142
Industries n.e.s	292	0	..	1048	2767	366	..	2494	..	6968	366
Transport	..	..	..	514694	0	25038	..	369	..	540101	25038
Road	..	..	..	451555	0	24834	..	..	..	476389	24834
Rail	..	..	..	86	..	0	..	369	..	455	0
Domestic aviation	..	..	..	26527	..	..	..	..	..	26527	..
Domestic navigation	..	..	..	36526	..	204	..	..	..	36730	204
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	131168	..	245414	..	179760	..	556342	245414
Agriculture, forestry, fishing	..	..	..	10063	..	165	..	9114	..	19343	165
Commerce, public services	..	..	..	71651	..	15627	..	78373	..	165650	15627
Households	49455	..	229622	..	92273	..	371349	229622
Other consumers
Non-energy use	7374	10902	18276	..

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Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	2255910	..	39284	..	154196	340295	..	45889	3985	2839559	368684
Imports	208042	3761	1122682	237796	418358	*37187	..	52052	..	2079876	*37187
Exports	-221758	-192045	-10744	-345897	-1901	-21988	..	-53255	..	-847587	-21988
International marine bunkers	..	..	..	-8091	..	..	..	..	..	-8091	..
International aviation bunkers	..	..	..	-27871	..	..	..	..	..	-27871	..
Stock changes	1944	-2576	-44711	8243	6111	-415	..	..	..	-31404	-415
Total energy supply	2244138	-190860	1106511	-135820	576764	355079	..	44687	3985	4004483	383469
Statistical difference	-18984	-3167	-1311	-8879	-5698	27	..	0	0	-38012	45916
Transfers	..	..	..	2304	..	..	..	..	..	2304	..
Transformation	-1848755	280354	-1107822	1117109	-87122	*-103587	..	545738	278976	-925107	*-102460
Electricity plants	-21273	..	..	-43	..	*-18459	..	15656	-1229	-25348	*-18459
CHP plants	-1399929	-43705	..	-17050	-51698	*-83385	..	530082	185435	-880249	*-82420
Heat plants	-109453	-463	..	-670	-8728	*-1743	..	..	94770	-26287	*-1581
Coke ovens	-311512	361447	..	-33	..	..	..	..	..	49902	..
Briquetting plants	-96	71	..	..	..	..	..	..	..	-25	..
Liquefaction plants	..	..	22608	..	..	..	..	..	..	22608	..
Gas works	..	..	..	*-9	..	..	..	..	..	*-9	..
Blast furnaces	-6491	-37370	..	..	..	..	..	..	..	-43861	..
NGL plants & gas blending	..	5	..	..	..	..	..	..	..	5	..
Oil refineries	..	..	-1130430	1135293	..	..	..	..	..	4863	..
Other transformation	..	369	..	-379	-26696	..	..	..	..	-26706	..
Energy industries own use	-3544	-47094	..	-44737	-50046	-2	..	-92354	-26173	-263950	0
Losses	..	0	..	..	-1113	..	..	-37922	-25300	-64336	..
Final consumption	410823	45567	..	947735	444181	*251463	..	460148	231488	2791405	*235093
Final energy consumption	406798	45567	..	795989	355441	*251463	..	460148	231488	2546894	*235093
Manufacturing, const., mining	110096	39571	..	25972	135225	*90219	..	178135	27670	606889	*71225
Iron and steel	793	28230	..	198	16701	*1	..	22450	3854	72228	*1
Chemical and petrochemical	44718	3801	..	10330	14860	1030	..	30118	3899	108756	*94
Non-ferrous metals	24	1648	..	250	7225	0	..	7614	1360	18121	..
Non-metallic minerals	21876	5154	..	1996	40514	21406	..	16852	1167	108964	3501
Transport equipment	553	..	..	745	3864	*14	..	9223	1927	16326	*14
Machinery	2332	3	..	1909	8627	*75	..	16355	2381	31681	*73
Mining and quarrying	601	28	..	2754	922	*29	..	9403	2737	16473	*29
Food and tobacco	23104	616	..	2889	26008	*1479	..	22464	2294	78855	*1479
Paper, pulp and printing	11468	0	..	1847	7166	*27264	..	15296	3174	66216	*27156
Wood and wood products	1515	..	..	569	1873	*23011	..	7510	2631	*37108	*23011
Textile and leather	441	0	..	219	1510	*6	..	2052	628	4856	*6
Construction	499	91	..	1417	1109	*6	..	2970	438	6529	*6
Industries n.e.s	2172	0	..	849	4847	*15898	..	15829	1180	40774	*15855
Transport	..	..	..	654212	15047	27207	..	11185	..	707651	27207
Road	..	..	..	649762	669	27207	..	79	..	677717	27207
Rail	..	..	..	3526	..	..	..	10073	..	13599	..
Domestic aviation	..	..	..	795	..	..	..	..	..	795	..
Domestic navigation	..	..	..	86	..	..	..	..	..	86	..
Pipeline transport	..	..	..	43	14378	..	..	1033	..	15455	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	296702	5996	..	115804	205169	*134037	..	270828	203818	1232354	*136661
Agriculture, forestry, fishing	34801	981	..	72976	1144	*19501	..	5425	890	135718	*19501
Commerce, public services	24392	812	..	17652	71823	*9086	..	163595	38099	325458	*9381
Households	237509	4203	..	25177	132202	*105450	..	101808	164829	771178	*107779
Other consumers	0	0	..
Non-energy use	4024	0	..	151746	88740	244511	..

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	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	2190509	..	42672	..	148745	352113	..	53467	3614	2791121	382162
Imports	206650	4297	1040938	325120	510167	*34802	..	50461	..	2172436	*34802
Exports	-220379	-206097	-9475	-298290	-29965	-45119	..	-43265	..	-852590	-45119
International marine bunkers	..	..	..	-7688	..	..	..	..	..	-7688	..
International aviation bunkers	..	..	..	-29327	..	..	..	..	..	-29327	..
Stock changes	114296	1260	18020	-6264	-16276	-321	..	..	..	110716	-321
Total energy supply	2291076	-200540	1092155	-16449	612671	341475	..	60664	3614	4184667	371524
Statistical difference	2881	-8176	-592	-6822	-2232	0	..	0	0	-14941	53467
Transfers	..	..	..	1698	..	..	..	..	..	1698	..
Transformation	-1857635	279054	-1092747	1094747	-95664	*-85588	..	544684	291771	-921378	*-82961
Electricity plants	-17807	..	..	-43	..	*-19085	..	15012	-534	-22457	*-19085
CHP plants	-1406474	-43071	..	-18226	-62058	*-64150	..	529672	189029	-875278	*-61804
Heat plants	-117705	-483	..	-880	-8534	*-2833	..	..	103276	-27158	*-2552
Coke ovens	-308782	358807	..	..	..	..	..	..	..	50025	..
Briquetting plants	-48	46	..	..	..	..	..	..	..	-2	..
Liquefaction plants	..	..	21204	..	..	..	..	..	..	21204	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-6821	-36246	..	..	..	..	..	..	..	-43067	..
NGL plants & gas blending	..	0	..	..	..	..	..	..	..	0	..
Oil refineries	..	..	-1113951	1114297	..	..	..	..	..	346	..
Other transformation	..	1	..	-402	-25072	..	..	..	..	-25473	..
Energy industries own use	-3913	-45145	..	-45859	-43606	-27	..	-92945	-27111	-258606	-22
Losses	..	..	..	..	-1110	..	..	-34182	-27800	-63092	..
Final consumption	426647	41545	..	1040959	474524	*255860	..	478220	240474	2958231	*235074
Final energy consumption	422936	41545	..	891545	386252	*255860	..	478220	240474	2716833	*235074
Manufacturing, const., mining	109208	35798	..	27399	142806	*91994	..	184356	28669	620229	*68729
Iron and steel	675	24520	..	198	19458	*1	..	22136	3520	70509	*1
Chemical and petrochemical	46828	4108	..	10212	12068	796	..	29891	4302	108205	144
Non-ferrous metals	72	1429	..	414	7226	1	..	7722	1455	18320	..
Non-metallic minerals	20497	4917	..	2767	43984	27560	..	18590	1071	119387	5175
Transport equipment	458	..	..	972	4186	..	..	9763	1885	17264	..
Machinery	1422	117	..	1360	8978	3	..	16492	2504	30875	..
Mining and quarrying	386	28	..	2844	1381	..	..	9734	2848	17220	..
Food and tobacco	23860	644	..	3366	27590	407	..	23461	2651	81979	407
Paper, pulp and printing	10195	..	..	1901	7991	*30716	..	15358	2957	69117	*30526
Wood and wood products	1591	..	..	612	1553	42	..	8716	3330	15843	42
Textile and leather	402	0	..	219	1700	..	..	2192	640	5154	..
Construction	645	35	..	1547	1283	..	..	3096	347	6953	..
Industries n.e.s	2177	0	..	986	5409	*32468	..	17204	1159	59404	*32434
Transport	..	..	..	743652	16021	19038	..	11833	..	790545	19038
Road	..	..	..	738938	611	19038	..	90	..	758677	19038
Rail	..	..	..	3526	..	..	..	10649	..	14175	..
Domestic aviation	..	..	..	1059	..	..	..	..	..	1059	..
Domestic navigation	..	..	..	86	..	..	..	..	..	86	..
Pipeline transport	..	..	..	43	15410	..	..	1094	..	16547	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	313728	5747	..	120494	227426	*144828	..	282031	211805	1306059	*147308
Agriculture, forestry, fishing	37004	931	..	77408	1305	*21815	..	5879	900	145242	*21815
Commerce, public services	24682	896	..	17845	80972	*11578	..	172080	45257	353310	*11410
Households	252042	3920	..	25241	145148	*111435	..	104072	165648	807507	*114083
Other consumers	..	..	..	0	..	..	..	..	..	0	..
Non-energy use	3712	..	..	149414	88272	..	..	..	..	241398	..

Portugal

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	..	..	..	..	..	137092	..	75830	10855	223778	218602
Imports	134055	245	592509	156773	170209	7447	..	29077	..	1090315	6040
Exports	..	..	..	-290194	..	*-14682	..	-20920	..	-325796	*-14682
International marine bunkers	..	..	..	-27068	..	..	..	..	..	-27068	..
International aviation bunkers	..	..	..	-44938	..	..	..	..	..	-44938	..
Stock changes	2078	0	-5131	-2745	366	-392	..	..	..	-5823	-392
Total energy supply	136133	245	587378	-208173	170575	129466	..	83988	10855	910467	209569
Statistical difference	-25	0	0	-2516	-1547	-64	..	0	0	-4152	76501
Transfers	..	..	..	232	..	..	..	..	..	232	..
Transformation	-135911	..	-587378	586662	-97767	-21362	..	108781	12096	-134878	-23815
Electricity plants	-135911	..	..	-7379	-37537	-11183	..	82944	-7431	-116497	-13715
CHP plants	..	..	..	-3835	-50033	*-9851	..	25837	19527	-18355	*-9772
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	2520	..	..	..	..	..	..	2520	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-589898	598132	..	..	..	..	..	8234	..
Other transformation	..	..	..	-255	-10197	-328	..	..	..	-10780	-328
Energy industries own use	..	..	..	-31429	-5231	..	..	-10224	-9326	-56209	..
Losses	..	..	..	..	-340	..	..	-17622	..	-17962	..
Final consumption	247	245	..	349809	68784	*108168	..	164923	13625	705802	*109253
Final energy consumption	247	245	..	293177	68784	*108168	..	164923	13625	649170	*109253
Manufacturing, const., mining	247	245	..	30792	47622	*60879	..	55732	9148	204665	*58540
Iron and steel	124	..	..	133	2141	..	..	5008	..	7406	..
Chemical and petrochemical	124	61	..	342	6395	32	..	7628	1272	15855	..
Non-ferrous metals	..	..	..	95	668	..	..	454	..	1216	..
Non-metallic minerals	..	184	..	16184	18487	2377	..	7042	353	44626	74
Transport equipment	..	..	..	224	696	..	..	1328	..	2248	..
Machinery	..	..	..	787	1508	3	..	4788	28	7114	..
Mining and quarrying	..	..	..	1396	194	110	..	2272	246	4219	110
Food and tobacco	..	..	..	3592	6164	*2613	..	6674	1240	20283	*2613
Paper, pulp and printing	..	..	..	2650	4672	*34432	..	10966	3881	*56601	*34431
Wood and wood products	..	..	..	305	327	..	..	1840	184	2656	..
Textile and leather	..	..	..	613	5522	30	..	4792	1525	12481	30
Construction	..	..	..	4333	606	221	..	1130	..	6290	221
Industries n.e.s	0	0	..	138	242	*21062	..	1811	419	23672	*21062
Transport	..	..	..	220418	546	13580	..	1109	..	235653	13580
Road	..	..	..	210551	546	13469	..	4	..	224570	13469
Rail	..	..	..	430	..	..	..	1080	..	1510	..
Domestic aviation	..	..	..	5380	..	..	..	..	..	5380	..
Domestic navigation	..	..	..	4057	..	110	..	..	..	4167	110
Pipeline transport	..	..	..	..	..	..	..	25	..	25	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	41967	20616	33709	..	108083	4477	208852	37133
Agriculture, forestry, fishing	..	..	..	14916	185	259	..	3082	..	18442	259
Commerce, public services	..	..	..	7001	9424	1448	..	61895	2425	82193	2856
Households	..	..	..	18598	11007	31965	..	43106	2052	106727	33981
Other consumers	..	..	..	1453	..	37	..	..	..	1490	37
Non-energy use	..	..	..	56632	..	..	..	..	..	56632	..

Portugal

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	..	..	..	..	..	139307	..	104468	9764	253540	246239
Imports	121523	396	582411	161394	178405	6751	..	16618	..	1067498	5344
Exports	..	..	..	-285672	..	*-14055	..	-34924	..	-334651	*-14055
International marine bunkers	..	..	..	-26593	..	..	..	..	..	-26593	..
International aviation bunkers	..	..	..	-49348	..	..	..	..	..	-49348	..
Stock changes	-2722	-30	7307	-542	1614	228	..	..	..	5854	228
Total energy supply	118801	365	589718	-200760	180019	132231	..	86162	9764	916301	237756
Statistical difference	49	0	0	-2576	-1077	110	..	0	0	-3493	105198
Transfers	..	..	..	182	..	..	..	..	..	182	..
Transformation	-118603	..	-589718	588039	-108772	-19092	..	108270	12654	-127223	-19745
Electricity plants	-118603	..	..	-7726	-51344	-11532	..	83066	-6192	-112331	-12765
CHP plants	..	..	..	-3345	-48230	*-7179	..	25204	18846	-14705	*-6599
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	2304	..	..	..	..	..	..	2304	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-592232	599406	..	..	..	..	..	7174	..
Other transformation	..	..	210	-296	-9198	-382	..	..	..	-9665	-382
Energy industries own use	..	..	..	-49913	-4190	..	..	-9990	-9999	-74092	..
Losses	..	..	..	..	-342	..	..	-17572	..	-17914	..
Final consumption	148	365	..	340124	67792	*113028	..	166871	12419	700748	*112812
Final energy consumption	148	365	..	291267	67792	*113028	..	166871	12419	651891	*112812
Manufacturing, const., mining	148	365	..	25857	46674	*68654	..	54299	7855	203853	*64866
Iron and steel	148	122	..	133	2016	..	..	5404	..	7823	..
Chemical and petrochemical	..	..	..	625	6175	4	..	7711	923	15438	..
Non-ferrous metals	..	..	..	95	638	..	..	382	..	1114	..
Non-metallic minerals	..	243	..	11955	17446	3797	..	6210	341	39992	37
Transport equipment	..	..	..	267	684	..	..	1544	..	2495	..
Machinery	..	..	..	796	1859	..	..	3740	29	6423	..
Mining and quarrying	..	..	..	1214	115	74	..	1094	19	2516	74
Food and tobacco	..	..	..	3283	6180	*3400	..	7218	1267	21348	*3400
Paper, pulp and printing	..	..	..	2812	4751	*36169	..	10170	3360	*57262	*36169
Wood and wood products	..	..	..	262	327	..	..	2466	50	3105	..
Textile and leather	..	..	..	480	5602	30	..	4464	1440	12015	30
Construction	..	..	..	3799	631	147	..	2138	..	6716	147
Industries n.e.s	0	0	..	138	251	*25034	..	1757	426	27606	*25010
Transport	..	..	..	224665	801	10953	..	1386	..	237805	10953
Road	..	..	..	213750	801	10879	..	4	..	225434	10879
Rail	..	..	..	387	..	..	..	1361	..	1748	..
Domestic aviation	..	..	..	5998	..	..	..	..	..	5998	..
Domestic navigation	..	..	..	4530	..	74	..	..	..	4604	74
Pipeline transport	..	..	..	..	..	..	..	22	..	22	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	40745	20317	*33422	..	111186	4564	210233	*36994
Agriculture, forestry, fishing	..	..	..	14307	176	170	..	2992	..	17645	170
Commerce, public services	..	..	..	6933	9612	1216	..	61070	2419	81251	2679
Households	..	..	..	18365	10529	*31998	..	47124	2145	110161	*34107
Other consumers	..	..	..	1140	..	37	..	..	..	1176	37
Non-energy use	..	..	..	48857	..	..	..	..	..	48857	..

Qatar

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	3101827	..	6214397	47	..	..	..	9316270	47
Imports	25886	..	218	..	..	..	26104	218
Exports	-2077890	-878009	-4394812	-6	..	..	..	-7350717	-6
International marine bunkers
International aviation bunkers	-53317	..	..	..	..	..	-53317	..
Stock changes	-109813	..	..	..	..	..	-109813	..
Total energy supply	1023937	-1015253	1819585	258	..	..	..	1828528	258
Statistical difference	0	-22833	0	0	..	-4	..	-22837	0
Transfers	-208368	251451	..	..	..	..	..	43083	..
Transformation	-815569	1058124	-947738	*20	..	149396	..	-555806	*20
Electricity plants	-359836	..	..	149396	..	-210440	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants	208368	..	-587902	..	..	..	..	-379534	..
Gas works
Blast furnaces
NGL plants & gas blending	-501891	535676	..	..	..	..	..	33785	..
Oil refineries	-522046	522448	..	..	..	..	..	402	..
Other transformation	*20	..	..	..	*20	*20
Energy industries own use	-5950	-545846	..	..	-9529	..	-561325	..
Losses	-8910	..	-8910	..
Final consumption	311205	326002	*238	..	130961	..	768406	*238
Final energy consumption	201749	210510	*238	..	130961	..	543459	*238
Manufacturing, const., mining	20381	210510	..	..	42793	..	273685	..
Iron and steel	21933	..	..	..	..	21933	..
Chemical and petrochemical	162317	..	..	..	..	162317	..
Non-ferrous metals
Non-metallic minerals	26260	..	..	..	..	26260	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	20381	0	..	..	42793	..	63175	..
Transport	175266	..	..	..	..	..	175266	..
Road	175266	..	..	..	..	..	175266	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	6102	..	*238	..	88168	..	94508	*238
Agriculture, forestry, fishing
Commerce, public services	22543	..	22543	..
Households	6102	..	*238	..	54493	..	60833	*238
Other consumers	11131	..	11131	..
Non-energy use	109456	115492	..	..	..	..	224947	..

Qatar

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	3224749	..	6293870	47	..	..	..	9518665	47
Imports	23220	..	307	..	..	..	23527	307
Exports	-2178361	-871192	-4536279	-1	..	..	..	-7585833	-1
International marine bunkers
International aviation bunkers	-75808	..	..	..	..	..	-75808	..
Stock changes	-117641	..	..	..	..	..	-117641	..
Total energy supply	1046388	-1041421	1757591	353	..	..	..	1762911	353
Statistical difference	0	-45710	0	0	..	-4	..	-45714	0
Transfers	-186480	224930	..	..	..	..	..	38450	..
Transformation	-859908	1078822	-892666	*-20	..	152305	..	-521466	*-20
Electricity plants	-366845	..	..	152305	..	-214539	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants	186480	..	-525821	..	..	..	..	-339341	..
Gas works
Blast furnaces
NGL plants & gas blending	-481780	514607	..	..	..	..	..	32827	..
Oil refineries	-564608	564215	..	..	..	..	..	-392	..
Other transformation	*-20	..	..	..	*-20	*-20
Energy industries own use	-6236	-551569	..	..	-9511	..	-567316	..
Losses	-9115	..	-9115	..
Final consumption	301806	313357	*333	..	133682	..	749178	*333
Final energy consumption	217392	203680	*333	..	133682	..	555087	*333
Manufacturing, const., mining	29748	203680	..	..	43294	..	276722	..
Iron and steel	21146	..	..	..	..	21146	..
Chemical and petrochemical	154751	..	..	..	..	154751	..
Non-ferrous metals
Non-metallic minerals	27782	..	..	..	..	27782	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	29748	0	..	..	43294	..	73042	..
Transport	181306	..	..	..	..	..	181306	..
Road	181306	..	..	..	..	..	181306	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	6338	..	*333	..	90389	..	97060	*333
Agriculture, forestry, fishing
Commerce, public services	23112	..	23112	..
Households	6338	..	*333	..	55868	..	62539	*333
Other consumers	11408	..	11408	..
Non-energy use	84414	109677	..	..	..	..	194090	..

Republic of Moldova

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	..	..	296	..	3	30392	..	194	..	30886	30514
Imports	3971	0	0	36083	30731	53	..	65	..	70904	46
Exports	..	..	..	-589	..	-91	..	..	..	-680	-91
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-1058	..	..	..	..	..	-1058	..
Stock changes	119	..	0	-638	43	342	..	..	..	-133	343
Total energy supply	4091	0	296	33798	30777	30697	..	259	..	99918	30812
Statistical difference	-10	0	0	0	0	294	..	11	0	295	489
Transfers	..	..	..	10	..	..	..	..	..	10	..
Transformation	-72	..	-296	-10	-13778	-1020	..	15066	10042	9932	-1011
Electricity plants	..	..	..	0	-1	-14	..	7	..	-8	-14
CHP plants	..	..	..	-283	-10686	-387	..	15059	6642	10345	-387
Heat plants	-72	..	..	0	-3092	-397	..	..	3400	-160	-390
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-296	272	..	..	..	..	..	-24	..
Other transformation	..	..	..	..	..	-222	..	..	..	-222	-220
Energy industries own use	..	..	..	..	..	..	..	-630	-72	-702	..
Losses	0	..	0	-135	-2191	-6	..	-1415	-1500	-5246	-6
Final consumption	4029	0	..	33663	14809	29377	..	13270	8470	103617	29307
Final energy consumption	4029	0	..	32133	14809	29377	..	13270	8470	102087	29307
Manufacturing, const., mining	1718	0	..	468	2256	68	..	2783	1690	8984	64
Iron and steel	..	..	..	..	0	..	..	7	..	7	..
Chemical and petrochemical	..	..	..	172	25	4	..	162	15	378	4
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	1671	0	..	0	1322	..	..	569	1	3562	..
Transport equipment	..	..	..	..	..	1	..	0	..	1	1
Machinery	..	..	..	..	6	0	..	169	1	177	0
Mining and quarrying	..	..	..	43	..	..	..	58	..	101	..
Food and tobacco	48	..	..	83	782	47	..	1426	1578	3964	46
Paper, pulp and printing	..	..	..	..	50	..	..	32	21	103	..
Wood and wood products	..	..	..	..	0	15	..	144	0	159	12
Textile and leather	..	..	..	..	29	1	..	130	68	227	1
Construction	..	..	..	169	33	..	..	22	1	225	..
Industries n.e.s	0	0	..	0	9	0	..	65	5	79	0
Transport	..	..	..	26501	786	..	..	176	..	27463	..
Road	..	..	..	26157	518	..	..	155	..	26830	..
Rail	..	..	..	258	..	..	..	..	..	258	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	43	..	..	..	..	..	43	..
Pipeline transport	..	..	..	..	267	..	..	22	..	289	..
Transport, n.e.s	..	..	..	43	..	..	..	..	..	43	..
Other	2311	..	..	5164	11767	29308	..	10310	6780	65640	29242
Agriculture, forestry, fishing	24	..	..	2107	80	29	..	166	1	2407	29
Commerce, public services	702	..	..	43	3190	449	..	4133	1844	10361	435
Households	1585	..	..	2838	8497	28830	..	6012	4935	52697	28778
Other consumers	0	..	..	176	..	0	..	..	..	176	0
Non-energy use	..	..	..	1530	0	..	..	..	..	1530	..

Republic of Moldova

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	..	..	254	..	4	32974	..	158	..	33389	32990
Imports	2370	0	0	39048	31643	6	..	14	..	73081	5
Exports	..	..	..	-665	..	0	..	..	..	-665	0
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-1411	..	..	..	..	..	-1411	..
Stock changes	622	..	42	-759	-52	57	..	..	..	-90	70
Total energy supply	2992	0	296	36213	31595	33037	..	173	..	104305	33065
Statistical difference	0	0	0	36	0	300	..	11	0	347	458
Transfers	..	..	..	11	..	..	..	..	..	11	..
Transformation	-96	..	-254	-312	-13932	-849	..	15070	10606	10233	-821
Electricity plants	..	..	..	*-8	0	-2	..	4	..	*-6	-2
CHP plants	..	..	..	-485	-10494	-359	..	15066	6916	10644	-359
Heat plants	-96	..	..	-40	-3438	-397	..	..	3690	-281	-395
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-254	221	..	..	..	..	..	-32	..
Other transformation	..	..	..	..	..	-91	..	..	..	-91	-65
Energy industries own use	..	..	..	..	..	..	..	-652	-76	-728	..
Losses	0	..	-42	-135	-1904	0	..	-1541	-1567	-5188	0
Final consumption	2896	0	..	35741	15759	31888	..	13039	8963	108286	31786
Final energy consumption	2896	0	..	34253	15759	31888	..	13039	8963	106799	31786
Manufacturing, const., mining	981	0	..	385	2259	43	..	2704	1888	8261	43
Iron and steel	..	..	..	..	0	..	..	7	..	7	..
Chemical and petrochemical	..	..	..	0	25	5	..	162	19	211	5
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	934	0	..	173	1244	..	..	482	3	2836	..
Transport equipment	..	..	..	..	1	1	..	11	..	13	1
Machinery	..	..	..	..	15	0	..	166	4	185	0
Mining and quarrying	..	..	..	43	..	..	..	47	..	90	..
Food and tobacco	48	..	..	40	818	27	..	1426	1761	4120	27
Paper, pulp and printing	..	..	..	..	44	..	..	32	26	103	..
Wood and wood products	..	..	..	..	0	9	..	144	0	153	9
Textile and leather	..	..	..	..	30	1	..	137	68	236	1
Construction	..	..	..	129	16	..	..	22	1	168	..
Industries n.e.s	0	0	..	0	66	0	..	68	6	140	0
Transport	..	..	..	27661	960	..	..	223	..	28845	..
Road	..	..	..	27016	729	..	..	151	..	27897	..
Rail	..	..	..	559	..	..	..	..	..	559	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	43	..	..	..	..	..	43	..
Pipeline transport	..	..	..	..	231	..	..	72	..	303	..
Transport, n.e.s	..	..	..	43	..	..	..	..	..	43	..
Other	1915	..	..	6206	12540	31845	..	10112	7075	69693	31743
Agriculture, forestry, fishing	24	..	..	3053	77	52	..	169	2	3377	52
Commerce, public services	718	..	..	133	3553	483	..	4061	1926	10874	470
Households	1173	..	..	2980	8909	31310	..	5882	5147	55402	31221
Other consumers	0	..	..	40	..	0	..	..	..	40	0
Non-energy use	..	..	..	1487	0	..	..	..	..	1487	..

Réunion

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	34	..	..	..	..	5508	..	2723	850	9114	9080
Imports	17136	..	..	36792	..	19	..	..	..	53948	19
Exports
International marine bunkers	-550	..	..	..	..	..	-550	..
International aviation bunkers	*-2176	..	..	..	..	..	*-2176	..
Stock changes	-957	..	..	-36	..	..	..	..	..	-993	..
Total energy supply	16213	..	..	34030	..	5527	..	2723	850	59342	9100
Statistical difference	0	..	..	0	..	0	..	2	0	2	3572
Transfers
Transformation	-16213	..	..	-5756	..	-4944	..	7686	2085	-17143	-4944
Electricity plants	-16213	..	..	-5756	..	0	..	6654	..	-15315	0
CHP plants	-4572	..	1032	2085	-1455	-4572
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	*-372	..	..	..	*-372	*-372
Energy industries own use	0	0	0	..
Losses	-841	..	-841	..
Final consumption	28274	..	*583	..	9565	2934	41357	*583
Final energy consumption	26766	..	*583	..	9565	2934	39849	*583
Manufacturing, const., mining	2129	..	17	..	..	2085	4230	17
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	2085	2085	..
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	2129	..	17	..	..	0	2145	17
Transport	23612	..	..	..	..	..	23612	..
Road	18521	..	..	..	..	..	18521	..
Rail
Domestic aviation	*5078	..	..	..	..	..	*5078	..
Domestic navigation	13	..	..	..	..	..	13	..
Pipeline transport
Transport, n.e.s
Other	1026	..	*567	..	9565	850	12007	*567
Agriculture, forestry, fishing
Commerce, public services
Households	1026	..	*567	..	4324	850	6766	*567
Other consumers	5241	..	5241	..
Non-energy use	*1508	..	..	..	..	..	*1508	..

Réunion

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	40	..	..	..	..	5285	..	2673	887	8885	8845
Imports	15920	..	..	38940	..	19	..	..	..	54879	19
Exports
International marine bunkers	-417	..	..	..	..	..	-417	..
International aviation bunkers	*-2194	..	..	..	..	..	*-2194	..
Stock changes	-161	..	..	-888	..	..	..	..	..	-1049	..
Total energy supply	15800	..	..	35440	..	5304	..	2673	887	60104	8864
Statistical difference	0	..	..	-1	..	0	..	0	0	-1	3560
Transfers
Transformation	-15800	..	..	-6735	..	-4718	..	7924	2177	-17153	-4718
Electricity plants	-15800	..	..	-6735	..	..	..	6984	..	-15551	..
CHP plants	-4347	..	940	2177	-1230	-4347
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	*-371	..	..	..	*-371	*-371
Energy industries own use	0	0	0	..
Losses	-846	..	-846	..
Final consumption	28706	..	*585	..	9751	3064	42106	*585
Final energy consumption	27198	..	*585	..	9751	3064	40598	*585
Manufacturing, const., mining	2120	..	21	..	..	2114	4255	21
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	2120	..	21	..	..	2114	4255	21
Transport	24054	..	..	..	..	..	24054	..
Road	18920	..	..	..	..	..	18920	..
Rail
Domestic aviation	*5120	..	..	..	..	..	*5120	..
Domestic navigation	13	..	..	..	..	..	13	..
Pipeline transport
Transport, n.e.s
Other	1024	..	*565	..	9751	950	12289	*565
Agriculture, forestry, fishing
Commerce, public services
Households	1024	..	*565	..	4417	950	6956	*565
Other consumers	5334	..	5334	..
Non-energy use	*1508	..	..	..	..	..	*1508	..

Romania

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	200385	..	170269	..	367820	157875	125712	92441	1347	1115849	248616
Imports	23140	21040	282791	125488	6761	8071	..	16171	..	483462	8071
Exports	-2979	..	-3633	-201355	-34	-6540	..	-40392	..	-254933	-6540
International marine bunkers	..	..	..	-1892	..	..	..	..	..	-1892	..
International aviation bunkers	..	..	..	-8644	..	..	..	..	..	-8644	..
Stock changes	6154	712	-2700	4499	-1197	-148	..	..	..	7320	-83
Total energy supply	226700	21752	446727	-81904	373350	159258	125712	68220	1347	1341162	250064
Statistical difference	-4175	-605	1449	9488	-1384	496	0	374	-1892	3752	93188
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-216826	-12130	-445013	449128	-117469	-8145	-125712	144878	76115	-255173	-8382
Electricity plants	-155187	-1047	..	-129	-39632	-1291	-125712	109760	..	-213238	-1289
CHP plants	-61481	-218	..	-7274	-58775	-4688	..	35118	63434	-33883	-4688
Heat plants	-158	-336	..	-2301	-14830	-2014	..	..	12681	-6958	-2254
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	2772	..	..	..	..	..	..	2772	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-10529	..	..	..	..	..	..	..	-10529	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-447785	458998	..	..	..	..	..	11213	..
Other transformation	..	..	0	-166	-4232	*-152	..	..	..	-4549	*-152
Energy industries own use	-1070	-746	..	-35787	-18439	-497	..	-32036	-9730	-98306	-497
Losses	-8	-772	..	-43	-2984	-9	..	-25780	-15464	-45060	-9
Final consumption	12970	8710	265	321906	235841	150111	..	154908	54160	938871	147987
Final energy consumption	12970	8367	265	285980	221871	150111	..	154908	54160	888632	147987
Manufacturing, const., mining	10254	8367	265	39925	93671	13055	..	73890	11363	250791	10307
Iron and steel	6162	7075	..	206	24019	42	..	20498	264	58266	2
Chemical and petrochemical	1976	1213	265	11185	24612	927	..	11146	7943	59267	197
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	1983	..	..	13247	10296	3313	..	8546	181	37566	1617
Transport equipment	..	..	..	..	3858	..	..	5033	575	9466	..
Machinery	..	..	..	626	6275	104	..	7333	374	14712	102
Mining and quarrying	..	..	..	516	68	69	..	814	2	1468	69
Food and tobacco	116	79	..	1395	12111	1594	..	6566	1339	23201	1325
Paper, pulp and printing	..	..	..	..	2791	97	..	2236	38	5162	87
Wood and wood products	..	..	..	559	1997	5777	..	3528	274	12135	5778
Textile and leather	..	..	..	176	4045	34	..	2682	236	7173	34
Construction	17	..	..	11378	3139	130	..	1620	137	16421	129
Industries n.e.s	0	0	0	638	460	968	..	3888	0	5953	968
Transport	..	..	..	214241	50	8463	..	3895	..	226648	8463
Road	..	..	..	206031	..	8461	..	151	..	214643	8461
Rail	..	..	..	4773	..	..	..	3679	..	8452	..
Domestic aviation	..	..	..	1588	..	..	..	..	..	1588	..
Domestic navigation	..	..	..	1849	..	..	..	..	..	1849	..
Pipeline transport	..	..	..	..	50	..	..	65	..	114	..
Transport, n.e.s	..	..	..	..	..	2	..	..	..	2	2
Other	2716	..	..	31815	128150	128593	..	77123	42797	411194	129217
Agriculture, forestry, fishing	343	..	..	11828	2822	315	..	3316	731	19354	325
Commerce, public services	17	..	..	3467	31426	266	..	30265	8338	73779	711
Households	2356	..	..	10500	93902	123550	..	43542	33728	307578	123719
Other consumers	..	..	..	6020	..	4462	..	..	..	10482	4462
Non-energy use	..	343	..	35926	13971	..	..	..	..	50239	..

Romania

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	177329	..	161705	..	325900	161780	121889	95177	1605	1045385	255302
Imports	22109	21298	320006	121840	49250	9350	..	15037	..	558890	9350
Exports	-32	..	-2951	-219186	-40	-4585	..	-33098	..	-259892	-4585
International marine bunkers	..	..	..	-1333	..	..	..	..	..	-1333	..
International aviation bunkers	..	..	..	-10937	..	..	..	..	..	-10937	..
Stock changes	-184	554	3821	-3944	2047	-439	..	..	..	1854	-483
Total energy supply	199222	21852	482581	-113560	377157	166106	121889	77116	1605	1333968	259584
Statistical difference	-3117	-527	-7318	7166	2596	726	0	1123	-2266	-1617	96159
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-190673	-12894	-489634	491715	-117223	-8276	-121889	137365	76249	-235260	-8487
Electricity plants	-139135	-1212	..	-129	-37907	-1118	-121889	104767	..	-196623	-1116
CHP plants	-51424	-124	..	-10104	-64724	-5390	..	32598	62905	-36262	-5390
Heat plants	-115	-434	..	-3323	-9702	-1710	..	..	13344	-1939	-1924
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	3204	..	..	..	..	..	..	3204	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-11124	..	..	..	..	..	..	..	-11124	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-492838	505459	..	..	..	..	..	12621	..
Other transformation	..	..	0	-188	-4891	*-58	..	..	..	-5137	*-58
Energy industries own use	-949	-651	..	-33075	-24134	-438	..	-31982	-10753	-101983	-438
Losses	..	-913	..	-43	-3790	..	..	-25650	-14537	-44933	..
Final consumption	10717	7921	265	337872	229413	156667	..	155725	54830	953410	154500
Final energy consumption	10717	7895	265	298394	217877	156667	..	155725	54830	902371	154500
Manufacturing, const., mining	8391	7895	265	37540	87270	15401	..	74941	11660	243363	12476
Iron and steel	6389	6656	..	206	20346	37	..	20286	71	53990	1
Chemical and petrochemical	128	1133	265	9065	22040	843	..	10836	8140	52451	187
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	1726	..	..	13517	10943	4042	..	9202	264	39694	1875
Transport equipment	..	..	..	..	3488	..	..	4982	403	8873	..
Machinery	..	..	..	626	5864	98	..	7884	653	15125	225
Mining and quarrying	..	..	..	602	69	14	..	900	8	1593	14
Food and tobacco	131	105	..	2024	12321	1083	..	6721	1267	23653	921
Paper, pulp and printing	..	..	..	43	3083	96	..	2390	113	5725	68
Wood and wood products	..	..	..	387	1959	7863	..	3485	210	13904	7864
Textile and leather	..	..	..	133	3419	22	..	2545	144	6264	22
Construction	16	..	..	10369	2620	131	..	1544	132	14812	128
Industries n.e.s	0	0	0	568	1118	1172	..	4165	255	7278	1172
Transport	..	..	..	228704	39	10770	..	3773	..	243285	10770
Road	..	..	..	221281	..	10764	..	133	..	232178	10764
Rail	..	..	..	4644	..	..	..	3564	..	8208	..
Domestic aviation	..	..	..	1059	..	..	..	..	..	1059	..
Domestic navigation	..	..	..	1720	..	..	..	..	..	1720	..
Pipeline transport	..	..	..	..	39	..	..	76	..	114	..
Transport, n.e.s	..	..	..	..	..	6	..	..	..	6	6
Other	2326	..	..	32151	130568	130496	..	77011	43170	415723	131255
Agriculture, forestry, fishing	396	..	..	12428	2865	214	..	2678	556	19137	219
Commerce, public services	41	..	..	3730	31924	263	..	30892	8804	75653	868
Households	1890	..	..	10317	95780	124547	..	43441	33810	309785	124696
Other consumers	..	..	..	5676	..	5472	..	..	..	11148	5472
Non-energy use	..	26	..	39478	11535	..	..	..	..	51039	..

Russian Federation

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	8384991	..	22620678	..	21952561	316999	2125256	606514	16898	56023896	741521
Imports	596097	2640	155144	84011	302747	302	..	23710	..	1164651	302
Exports	-4026129	-71255	-10544266	-5281942	-6907103	-1749	..	-65678	..	-26898122	-1749
International marine bunkers	..	..	..	*-141000	..	..	..	..	..	*-141000	..
International aviation bunkers	..	..	..	*-222507	..	..	..	..	..	*-222507	..
Stock changes	65292	3559	-95992	49498	-97647	430	..	..	..	-74861	301
Total energy supply	5020251	-65055	12135564	-5511940	15250558	315982	2125256	564545	16898	29852058	740375
Statistical difference	-7968	0	1770	-10164	-75912	-1651	0	0	-47	-93973	606731
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-4762118	432915	-11882870	11818416	-8685067	-180593	-2125256	3229729	5190031	-6964812	-47089
Electricity plants	..	..	..	-33927	-184623	..	-2111076	743918	-16452	-1602160	-14807
CHP plants	-2443920	-125797	-296	-127823	-6585864	-86159	-14180	2485811	2840863	-4057365	-870
Heat plants	-483294	-12384	-24703	-228008	-1831110	-93094	..	..	2365620	-306974	-30072
Coke ovens	-1701393	1429223	..	..	..	..	..	..	..	-272170	..
Briquetting plants	-867	420	..	..	..	..	..	..	..	-447	..
Liquefaction plants	..	..	*119124	..	..	..	..	..	..	*119124	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-132644	-858547	..	..	..	..	..	..	..	-991191	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-11976995	12208174	..	..	..	..	..	231180	..
Other transformation	..	..	..	..	-83469	*-1340	..	..	..	-84809	*-1340
Energy industries own use	-42178	-48735	-3511	-620081	-507295	-9985	..	-795938	-533238	-2560961	..
Losses	..	..	-243563	..	-221902	..	..	-383591	-348867	-1197923	..
Final consumption	223923	319125	3849	5696559	5912206	127055	..	2614745	4324871	19222334	86555
Final energy consumption	215542	319125	3849	3738512	4535306	127055	..	2614745	4324871	15879005	86555
Manufacturing, const., mining	55594	318784	973	608501	1486336	36676	..	1184400	1530053	5221316	2877
Iron and steel	..	297379	..	7110	525587	16275	..	220428	282713	1349493	18
Chemical and petrochemical	5039	13548	846	352549	239360	1787	..	165690	502643	1281463	221
Non-ferrous metals	..	..	..	..	..	..	..	341885	..	341885	..
Non-metallic minerals	40994	3183	42	3366	426815	499	..	67158	99289	641347	18
Transport equipment	485	580	..	6731	16336	191	..	42782	79526	146631	25
Machinery	1555	698	..	7484	43628	184	..	62906	130960	247416	3
Mining and quarrying	462	3192	..	57083	50682	852	..	93226	30228	235725	396
Food and tobacco	3861	203	85	22459	63045	2507	..	54986	153387	300532	324
Paper, pulp and printing	26	..	..	5990	12492	3003	..	63666	161611	246788	939
Wood and wood products	..	..	..	5364	8573	11108	..	14040	32626	71710	789
Textile and leather	..	..	..	516	1816	80	..	10685	14507	27604	2
Construction	3040	..	..	47225	94658	78	..	43700	27962	216662	66
Industries n.e.s	131	0	0	92625	3344	112	..	3247	14601	114059	76
Transport	..	..	..	2518288	1139567	..	..	295632	..	3953487	..
Road	..	..	..	2146400	3360	..	..	..	..	2149760	..
Rail	..	..	..	67729	..	..	..	178373	..	246102	..
Domestic aviation	..	..	..	217944	..	..	..	..	..	217944	..
Domestic navigation	..	..	..	24404	..	..	..	..	..	24404	..
Pipeline transport	..	..	..	9477	1136208	..	..	73685	..	1219369	..
Transport, n.e.s	..	..	..	52335	..	..	..	43574	..	95909	..
Other	159948	342	2876	611723	1909403	90379	..	1134713	2794818	6704202	83678
Agriculture, forestry, fishing	4144	..	423	161014	46383	5392	..	59357	98655	375368	3627
Commerce, public services	62602	..	..	100930	90465	39167	..	547819	677989	1518972	34231
Households	93202	342	..	349780	1772555	44985	..	527537	2018174	4806573	44985
Other consumers	..	..	2453	..	..	*835	..	..	..	3288	*835
Non-energy use	8382	..	..	1958047	1376900	..	..	..	..	3343329	..

Russian Federation

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	*8811681	..	23218584	..	22047455	340581	2138068	666799	16470	57239639	805180
Imports	537147	2118	38740	51964	307392	236	..	11498	..	949095	236
Exports	-4418322	-65642	-10900824	-5031400	-6838390	-1269	..	-63698	..	-27319545	-1269
International marine bunkers	..	..	..	*-141000	..	..	..	..	..	*-141000	..
International aviation bunkers	..	..	..	*-214215	..	..	..	..	..	*-214215	..
Stock changes	-33948	-1693	-17289	-29788	28833	561	..	..	..	-53323	1238
Total energy supply	*4896558	-65216	12339211	-5364439	15545291	340110	2138068	614599	16470	30460651	805386
Statistical difference	24360	0	1920	16187	0	0	0	0	0	42467	668612
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-4620079	434594	-12036708	11565146	-8440831	-186492	-2138068	3253403	5357590	-6811446	-42238
Electricity plants	..	..	..	-39087	-190095	..	-2123431	755582	-16056	-1613087	-14450
CHP plants	-2366655	-121325	-508	-96899	-6344095	-91873	-14637	2497820	2946796	-3591375	-1102
Heat plants	-456466	-15965	-34940	-151593	-1813937	-91063	..	..	2426850	-137114	-23130
Coke ovens	-1632889	1032111	..	..	..	..	..	..	..	-600778	..
Briquetting plants	-817	400	..	..	..	..	..	..	..	-417	..
Liquefaction plants	..	..	*112392	..	..	..	..	..	..	*112392	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-163252	-460627	..	..	..	..	..	..	..	-623879	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-12113652	11852724	..	..	..	..	..	-260928	..
Other transformation	..	..	..	..	-92704	-3556	..	..	..	-96260	-3556
Energy industries own use	-48164	-44289	-12436	-495317	-556275	-6014	..	-801050	-489675	-2453220	..
Losses	..	..	-286456	..	-235013	..	..	-386089	-476776	-1384334	..
Final consumption	203955	325089	1692	5689203	6313172	147604	..	2680862	4407609	19769185	94536
Final energy consumption	194182	325089	1692	3669741	4883038	147604	..	2680862	4407609	16309817	94536
Manufacturing, const., mining	51833	324786	931	673846	1524750	47088	..	1174835	1797140	5595209	1832
Iron and steel	..	304465	..	6504	526842	18354	..	216446	287049	1359661	43
Chemical and petrochemical	4498	13703	761	408859	238136	2021	..	169024	512483	1349485	129
Non-ferrous metals	..	..	..	..	..	..	..	326027	..	326027	..
Non-metallic minerals	38256	3044	42	5024	378684	1344	..	62467	90441	579303	31
Transport equipment	372	522	..	7177	20737	62	..	45054	83800	157725	24
Machinery	1553	672	..	7025	58452	5	..	65390	321364	454462	2
Mining and quarrying	612	2118	..	60260	52477	1072	..	97614	33319	247472	140
Food and tobacco	4733	261	127	27928	60969	3251	..	56891	173341	327501	168
Paper, pulp and printing	782	..	..	6610	22760	2939	..	64771	166621	264483	442
Wood and wood products	..	..	..	6818	8825	17845	..	15739	49213	98441	782
Textile and leather	..	..	..	559	1935	63	..	5825	50913	59295	10
Construction	1028	..	..	27751	152633	104	..	45421	24363	251300	48
Industries n.e.s	0	0	0	109330	2300	28	..	4165	4233	120057	13
Transport	..	..	..	2435101	1237994	..	..	297248	..	3970343	..
Road	..	..	..	2079535	6640	..	..	..	..	2086175	..
Rail	..	..	..	66537	..	..	..	174550	..	241086	..
Domestic aviation	..	..	..	210006	..	..	..	..	..	210006	..
Domestic navigation	..	..	..	18351	..	..	..	..	..	18351	..
Pipeline transport	..	..	..	9886	1231354	..	..	73372	..	1314611	..
Transport, n.e.s	..	..	..	50786	..	..	..	49327	..	100114	..
Other	142348	303	761	560795	2120294	100516	..	1208779	2610469	6744265	92704
Agriculture, forestry, fishing	2875	..	338	141723	54432	4980	..	62503	102536	369387	2430
Commerce, public services	55839	..	..	89912	96474	48245	..	565938	707110	1563518	42983
Households	83634	303	..	329161	1969388	46258	..	580338	1800823	4809904	46258
Other consumers	..	..	423	..	..	*1033	..	..	..	*1456	*1033
Non-energy use	9773	..	..	2019461	1430133	..	..	..	..	3459368	..

Rwanda

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	*216	*83602	..	1073	*84890	*84674
Imports	..	13461	..	..	..	300	13761	..
Exports	-10	-10	..
International marine bunkers
International aviation bunkers	..	*-1014	..	..	..	..	*-1014	..
Stock changes
Total energy supply	..	12447	*216	*83602	..	1363	*97627	*84674
Statistical Difference	..	4	0	0	0	194	*198	*1073
Transfers
Transformation	..	*-2081	*-216	*-33642	*18113	813	*-17014	*-15529
Electricity plants	..	*-2081	*-216	..	..	813	*-1484	..
Charcoal plants	*-33642	*18113	..	*-15529	*-15529
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-41	-41	..
Losses	-434	-434	..
Final consumption	..	*10361	..	*49959	*18113	1507	*79941	*68072
Final energy consumption	..	*9965	..	*49959	*18113	1507	*79545	*68072
Manufacturing, const., mining	..	*525	..	*5670	..	347	*6541	*5670
Transport	..	*7738	..	..	..	..	*7738	..
Road	..	*6767	..	..	..	..	*6767	..
Domestic aviation	..	*971	..	..	..	..	*971	..
Domestic navigation
Other transport
Other	..	*1702	..	*44289	*18113	1161	*65265	*62402
Agriculture, forestry, fishing
Commerce and public services	*321	*321	..
Households	..	*569	..	*44289	*18113	840	*63812	*62402
Other consumers	..	*1133	..	..	..	..	*1133	..
Non-energy use	..	*396	..	..	..	..	*396	..
2016								
Primary production	*990	*83602	..	1051	*85642	*84652
Imports	..	13576	..	..	..	282	13858	..
Exports	-16	-16	..
International marine bunkers
International aviation bunkers	..	*-970	..	..	..	..	*-970	..
Stock changes
Total energy supply	..	12606	*990	*83602	..	1317	*98514	*84652
Statistical Difference	..	0	0	0	0	10	*10	*1051
Transfers
Transformation	..	*-2064	*-990	*-33642	*18113	1230	*-17353	*-15529
Electricity plants	..	*-2064	*-990	..	..	1230	*-1824	..
Charcoal plants	*-33642	*18113	..	*-15529	*-15529
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	0	0	..
Losses	-521	-521	..
Final consumption	..	*10542	..	*49959	*18113	*2016	*80630	*68072
Final energy consumption	..	*10160	..	*49959	*18113	*2016	*80248	*68072
Manufacturing, const., mining	..	*516	..	*5670	..	*540	*6726	*5670
Transport	..	*8079	..	..	..	..	*8079	..
Road	..	*7130	..	..	..	..	*7130	..
Domestic aviation	..	*948	..	..	..	..	*948	..
Domestic navigation
Other transport
Other	..	*1565	..	*44289	*18113	*1476	*65444	*62402
Agriculture, forestry, fishing
Commerce and public services	*396	*396	..
Households	..	*548	..	*44289	*18113	*1080	*64030	*62402
Other consumers	..	*1018	..	..	..	..	*1018	..
Non-energy use	..	*381	..	..	..	..	*381	..

Samoa

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	909	..	124	1033	1033
Imports	..	4698	..	1	0	..	4699	1
Exports
International marine bunkers
International aviation bunkers	..	-530	..	..	..	..	-530	..
Stock changes	..	*-641	..	..	..	..	*-641	..
Total energy supply	..	3527	..	910	0	124	4561	1034
Statistical Difference	..	50	..	0	0	0	50	124
Transfers
Transformation	..	-882	..	*-28	15	348	-546	*-13
Electricity plants	..	-882	..	..	..	348	-533	..
Charcoal plants	*-28	15	..	*-13	*-13
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-9	-9	..
Losses	*-44	*-44	..
Final consumption	..	2595	..	*881	*15	419	3911	*897
Final energy consumption	..	2432	..	*881	*15	419	3747	*897
Manufacturing, const., mining	32	32	..
Transport	..	1864	..	..	..	..	1864	..
Road	..	1602	..	..	..	..	1602	..
Domestic aviation
Domestic navigation	..	262	..	..	..	..	262	..
Other transport
Other	..	568	..	*881	*15	387	1852	*897
Agriculture, forestry, fishing	..	54	..	5	..	..	59	5
Commerce and public services	..	360	..	..	..	246	606	..
Households	..	*154	..	*876	*15	112	*1158	*892
Other consumers	28	28	..
Non-energy use	..	*163	..	..	..	..	*163	..
2016								
Primary production	917	..	175	1092	1092
Imports	..	*4285	..	0	0	..	*4286	1
Exports
International marine bunkers
International aviation bunkers	..	*-548	..	..	..	..	*-548	..
Stock changes	..	*-100	..	..	..	..	*-100	..
Total energy supply	..	*3638	..	917	0	175	*4730	1092
Statistical Difference	..	*48	..	0	0	0	*48	175
Transfers
Transformation	..	*-929	..	*-29	16	363	*-579	*-13
Electricity plants	..	*-929	..	..	..	363	*-566	..
Charcoal plants	*-29	16	..	*-13	*-13
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-10	-10	..
Losses	*-44	*-44	..
Final consumption	..	*2661	..	*888	*16	483	*4049	*904
Final energy consumption	..	*2498	..	*888	*16	483	*3885	*904
Manufacturing, const., mining	21	21	..
Transport	..	*1922	..	..	..	..	*1922	..
Road	..	*1651	..	..	..	..	*1651	..
Domestic aviation
Domestic navigation	..	*271	..	..	..	..	*271	..
Other transport
Other	..	*576	..	*888	*16	463	*1943	*904
Agriculture, forestry, fishing	..	*52	..	*5	..	..	*57	*5
Commerce and public services	..	*370	..	..	..	296	*666	..
Households	..	*154	..	*883	*16	135	*1188	*899
Other consumers	33	33	..
Non-energy use	..	*163	..	..	..	..	*163	..

Sao Tome and Principe

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	1023	..	24	1047	1047
Imports	..	*2092	..	..	..	..	*2092	..
Exports
International marine bunkers
International aviation bunkers	..	*-459	..	..	..	..	*-459	..
Stock changes
Total energy supply	..	*1634	..	1023	..	24	*2681	1047
Statistical Difference	..	0	..	0	0	0	0	24
Transfers
Transformation	..	*-648	..	*-521	280	*268	*-621	*-240
Electricity plants	..	*-648	..	..	..	*268	*-380	..
Charcoal plants	*-521	280	..	*-240	*-240
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-20	*-20	..
Losses	*-44	*-44	..
Final consumption	..	*985	..	*502	*280	*229	*1997	*783
Final energy consumption	..	*981	..	*502	*280	*229	*1993	*783
Manufacturing, const., mining	..	*402	..	..	..	..	*402	..
Transport	..	*415	..	..	..	..	*415	..
Road	..	*369	..	..	..	..	*369	..
Domestic aviation	..	*46	..	..	..	..	*46	..
Domestic navigation
Other transport
Other	..	*164	..	*502	*280	*229	*1175	*783
Agriculture, forestry, fishing
Commerce and public services	*117	*117	..
Households	..	*164	..	*502	*280	*112	*1059	*783
Other consumers
Non-energy use	..	*4	..	..	..	..	*4	..
2016								
Primary production	1029	..	*24	1052	1052
Imports	..	*2175	..	..	..	..	*2175	..
Exports
International marine bunkers
International aviation bunkers	..	*-476	..	..	..	..	*-476	..
Stock changes
Total energy supply	..	*1699	..	1029	..	*24	*2751	1052
Statistical Difference	..	0	..	0	0	0	0	24
Transfers
Transformation	..	*-675	..	*-527	283	286	*-633	*-244
Electricity plants	..	*-675	..	..	..	286	*-389	..
Charcoal plants	*-527	283	..	*-244	*-244
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-21	*-21	..
Losses	-42	-42	..
Final consumption	..	*1024	..	*502	*283	*247	*2055	*785
Final energy consumption	..	*1020	..	*502	*283	*247	*2051	*785
Manufacturing, const., mining	..	*417	..	..	..	..	*417	..
Transport	..	*431	..	..	..	..	*431	..
Road	..	*385	..	..	..	..	*385	..
Domestic aviation	..	*46	..	..	..	..	*46	..
Domestic navigation
Other transport
Other	..	*171	..	*502	*283	*247	*1203	*785
Agriculture, forestry, fishing
Commerce and public services	*126	*126	..
Households	..	*171	..	*502	*283	*121	*1077	*785
Other consumers
Non-energy use	..	*4	..	..	..	..	*4	..

Saudi Arabia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	23515379	..	3668169	..	..	3	..	27183551	3
Imports	1271837	..	271	..	1660	..	1273767	271
Exports	-15115150	-3206944	..	..	..	-1842	..	-18323935	..
International marine bunkers	-128432	..	..	..	..	..	-128432	..
International aviation bunkers	-116336	..	..	..	..	..	-116336	..
Stock changes	-96766	*-64077	..	..	..	..	..	-160843	..
Total energy supply	8303463	-2243951	3668169	271	..	-180	..	9727772	273
Statistical difference	430263	-44079	684065	0	..	-1360	..	1068889	3
Transfers	*151436	..	..	..	..	..	*151436	..
Transformation	-7646811	6136635	-1975063	..	..	1217988	..	-2267251	..
Electricity plants	-983602	-827387	-1975063	..	..	1217988	..	-2568063	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	*-1584791	1831569	..	..	..	..	..	246778	..
Oil refineries	-5078418	5132452	..	..	..	..	..	54034	..
Other transformation
Energy industries own use	-296	-222161	-119364	..	..	-73068	..	-414889	..
Losses	-92146	..	-92146	..
Final consumption	226093	3866038	889677	271	..	1053954	..	6036033	271
Final energy consumption	226093	2786203	693149	271	..	1053954	..	4759670	271
Manufacturing, const., mining	226093	740723	693149	..	..	178178	..	1838143	..
Iron and steel	18720	..	18720	..
Chemical and petrochemical	39733	..	39733	..
Non-ferrous metals
Non-metallic minerals	2041	..	2041	..
Transport equipment
Machinery
Mining and quarrying	1206	..	1206	..
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	226093	740723	693149	..	..	116478	..	1776443	..
Transport	1974885	..	..	..	..	..	1974885	..
Road	1936121	..	..	..	..	..	1936121	..
Rail
Domestic aviation	38764	..	..	..	..	..	38764	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	70596	..	271	..	875776	..	946642	271
Agriculture, forestry, fishing
Commerce, public services	353675	..	353675	..
Households	70596	..	271	..	520247	..	591113	271
Other consumers	1854	..	1854	..
Non-energy use	1079835	196529	..	..	..	..	1276363	..

Saudi Arabia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	24238465	..	3893281	..	..	2	..	28131749	2
Imports	1192092	..	*300	..	1233	..	1193625	*300
Exports	-15791776	-4150708	..	..	..	-3824	..	-19946309	..
International marine bunkers	*-139501	..	..	..	..	..	*-139501	..
International aviation bunkers	*-118805	..	..	..	..	..	*-118805	..
Stock changes	-305425	*-205886	..	..	..	..	..	-511310	..
Total energy supply	8141265	-3422809	3893281	*300	..	-2588	..	8609448	*302
Statistical difference	-221948	-58359	788121	0	..	1160	..	508974	*2
Transfers	623162	..	..	..	..	..	623162	..
Transformation	-8246888	6755917	*-2090353	..	..	1242371	..	-2338953	..
Electricity plants	*-937537	*-789660	*-2090353	..	..	1242371	..	*-2575179	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	*-1681456	1919766	..	..	..	..	..	238310	..
Oil refineries	-5627894	5625811	..	..	..	..	..	-2084	..
Other transformation
Energy industries own use	*-212	*-296716	*-124206	..	..	-77244	..	*-498377	..
Losses	-100570	..	-100570	..
Final consumption	*116113	3717912	*890601	*300	..	1060808	..	5785735	*300
Final energy consumption	*116113	2828294	*667085	*300	..	1060808	..	4672601	*300
Manufacturing, const., mining	*116113	*846546	*667085	..	..	*184136	..	*1813880	..
Iron and steel	*15815	..	*15815	..
Chemical and petrochemical	*33566	..	*33566	..
Non-ferrous metals
Non-metallic minerals	*1721	..	*1721	..
Transport equipment
Machinery
Mining and quarrying	*1019	..	*1019	..
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	*116113	*846546	*667085	..	..	*132016	..	*1761759	..
Transport	1903689	..	..	..	..	..	1903689	..
Road	1864087	..	..	..	..	..	1864087	..
Rail
Domestic aviation	*39602	..	..	..	..	..	*39602	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	78060	..	*300	..	876672	..	955032	*300
Agriculture, forestry, fishing
Commerce, public services	357930	..	357930	..
Households	78060	..	*300	..	517176	..	595536	*300
Other consumers	1566	..	1566	..
Non-energy use	889618	*223517	..	..	..	..	1113134	..

Senegal

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	..	..	..	..	851	77147	..	14	382	78395	77161
Imports	15705	..	45896	95338	..	..	..	1199	..	158138	..
Exports	..	..	..	-33566	..	..	..	..	..	-33566	..
International marine bunkers	..	..	..	-5114	..	..	..	..	..	-5114	..
International aviation bunkers	..	..	..	-12216	..	..	..	..	..	-12216	..
Stock changes	..	..	3130	991	..	..	..	..	..	4121	..
Total energy supply	15705	..	49026	45433	851	77147	..	1213	382	189758	77161
Statistical difference	26	..	-42	8206	0	0	..	0	0	8189	14
Transfers	..	..	..	-7	..	..	..	..	..	-7	..
Transformation	-2980	..	-49068	12217	-851	*-34270	..	13730	-382	-61605	*-34270
Electricity plants	-2980	..	..	-31124	-851	*-1522	..	13730	-382	-23130	*-1522
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-49068	43341	..	..	..	..	..	-5727	..
Other transformation	..	..	..	..	..	*-32748	..	..	..	*-32748	*-32748
Energy industries own use	..	..	..	-1040	..	..	..	-194	0	-1234	..
Losses	..	..	..	..	..	..	..	-2272	..	-2272	..
Final consumption	12699	..	..	48398	..	42877	..	12478	..	116451	42877
Final energy consumption	12699	..	..	48398	..	42877	..	12478	..	116451	42877
Manufacturing, const., mining	12699	..	..	5786	..	*1749	..	3424	..	23657	*1749
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	81	..	..	..	745	..	826	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	12699	..	..	568	..	..	..	1984	..	15251	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	612	..	612	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	14	..	14	..
Industries n.e.s	0	..	..	5137	..	*1749	..	68	..	6954	*1749
Transport	..	..	..	36658	..	..	..	..	..	36658	..
Road	..	..	..	34841	..	..	..	..	..	34841	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	0	..	..	..	..	..	0	..
Domestic navigation	..	..	..	1816	..	..	..	..	..	1816	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	5954	..	41128	..	9054	..	56136	41128
Agriculture, forestry, fishing	..	..	..	..	..	..	..	360	..	360	..
Commerce, public services	..	..	..	237	..	..	..	3391	..	3628	..
Households	..	..	..	5331	..	41128	..	4007	..	50466	41128
Other consumers	..	..	..	387	..	..	..	1296	..	1683	..
Non-energy use	..	..	..	..	..	..	..	..	..	..	..

Senegal

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	..	..	..	..	790	64634	..	22	513	65959	64656
Imports	19100	..	49153	90462	..	..	..	1296	..	160010	..
Exports	..	..	..	-36928	..	..	..	..	..	-36928	..
International marine bunkers	..	..	..	-5883	..	..	..	..	..	-5883	..
International aviation bunkers	..	..	..	-9437	..	..	..	..	..	-9437	..
Stock changes	..	..	2876	3638	..	..	..	..	..	6515	..
Total energy supply	19100	..	52029	41852	790	64634	..	1318	513	180236	64656
Statistical difference	0	..	-42	4946	0	0	..	-4	0	4900	22
Transfers	..	..	..	-3	..	..	..	..	..	-3	..
Transformation	-5779	..	-52071	17035	-790	-18329	..	14728	-513	-45720	-18329
Electricity plants	-5779	..	..	-31049	-790	*-2621	..	14728	-513	-26025	*-2621
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-52071	48084	..	..	..	..	..	-3987	..
Other transformation	..	..	..	..	..	-15708	..	..	..	-15708	-15708
Energy industries own use	..	..	..	-1139	..	..	..	-194	0	-1333	..
Losses	..	..	..	..	..	..	..	-2412	..	-2412	..
Final consumption	13321	..	..	52800	..	46306	..	13442	..	125869	46306
Final energy consumption	13321	..	..	52800	..	46306	..	13442	..	125869	46306
Manufacturing, const., mining	13321	..	..	6229	..	*1283	..	3863	..	24696	*1283
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	121	..	..	..	1170	..	1291	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	13321	..	..	528	..	..	..	1944	..	15793	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	662	..	662	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	14	..	14	..
Industries n.e.s	0	..	..	5580	..	*1283	..	72	..	6935	*1283
Transport	..	..	..	39997	..	..	..	..	..	39997	..
Road	..	..	..	38004	..	..	..	..	..	38004	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	1993	..	..	..	..	..	1993	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	6574	..	45023	..	9580	..	61176	45023
Agriculture, forestry, fishing	..	..	..	..	..	..	..	378	..	378	..
Commerce, public services	..	..	..	237	..	..	..	3391	..	3628	..
Households	..	..	..	5993	..	45023	..	4032	..	55048	45023
Other consumers	..	..	..	344	..	..	..	1778	..	2122	..
Non-energy use	..	..	..	..	..	..	..	..	..	..	..

Serbia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	301473	..	44901	..	19086	46497	..	36328	256	448541	83066
Imports	11947	14412	79121	42881	58015	410	..	22691	..	229476	410
Exports	-265	-71	-180	-32058	..	-2819	..	-25996	..	-61388	-2819
International marine bunkers	..	..	..	-1032	..	..	..	..	..	-1032	..
International aviation bunkers	..	..	..	-2734	..	..	..	..	..	-2734	..
Stock changes	-1440	-1340	4979	297	-3818	212	..	..	..	-1110	212
Total energy supply	311715	13001	128821	7354	73283	44301	..	33023	256	611754	80869
Statistical difference	19	-5	212	131	0	21	..	0	1	378	36349
Transfers	..	..	..	303	..	..	..	..	..	303	..
Transformation	-300827	-3664	-128609	125635	-29509	-954	..	99014	35256	-203659	-939
Electricity plants	-142372	..	..	0	0	..	..	49622	..	-92750	..
CHP plants	-149156	-3776	..	-40	-4497	-255	..	49392	8822	-99511	-240
Heat plants	-3189	-151	..	-4902	-20456	-91	..	..	26434	-2355	-91
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-4672	5857	..	..	..	..	..	..	..	1186	..
Liquefaction plants	..	..	0	..	..	..	..	..	..	0	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-1439	-5594	..	..	..	..	..	..	..	-7033	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-131728	130739	..	..	..	..	..	-989	..
Other transformation	..	..	3119	-162	-4556	-608	..	..	..	-2207	-608
Energy industries own use	..	..	..	-8515	-6991	..	..	-16420	-1994	-33920	..
Losses	-8	-1566	..	0	-382	..	..	-18608	-3274	-23838	..
Final consumption	10861	7776	..	124645	36401	43325	..	97009	30243	350261	43581
Final energy consumption	10002	7776	..	105737	31145	43325	..	97009	30243	325238	43581
Manufacturing, const., mining	5570	5518	..	14233	18215	5591	..	26269	9982	85379	5591
Iron and steel	360	3979	..	0	2882	0	..	2549	457	10226	0
Chemical and petrochemical	112	705	..	2716	3554	178	..	3208	4305	14778	178
Non-ferrous metals	330	..	..	131	782	30	..	1285	408	2966	30
Non-metallic minerals	2979	152	..	4953	2629	85	..	2275	47	13120	85
Transport equipment	0	..	..	0	392	10	..	742	18	1161	10
Machinery	91	..	..	1346	464	432	..	2387	39	4758	432
Mining and quarrying	120	..	..	947	13	1	..	2930	..	4011	1
Food and tobacco	1369	505	..	2305	5489	1270	..	5296	3114	19348	1270
Paper, pulp and printing	56	123	..	128	1004	1097	..	1249	591	4249	1097
Wood and wood products	0	..	..	126	45	1138	..	446	4	1760	1138
Textile and leather	113	0	..	334	362	568	..	947	45	2369	568
Construction	16	0	..	1124	..	0	..	1145	..	2284	0
Industries n.e.s	24	53	..	124	600	783	..	1811	954	4349	783
Transport	..	..	..	81651	231	..	..	1264	..	83146	..
Road	..	..	..	80920	157	..	..	..	..	81077	..
Rail	..	..	..	387	..	..	..	1264	..	1651	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	344	..	..	..	..	..	344	..
Pipeline transport	..	..	..	..	75	..	..	..	..	75	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	4432	2257	..	9853	12699	37734	..	69476	20261	156713	37990
Agriculture, forestry, fishing	0	..	..	4270	690	127	..	1141	167	6395	294
Commerce, public services	1674	88	..	3029	5681	2137	..	17712	3281	33602	2226
Households	2758	2169	..	2554	6328	35470	..	50623	16813	116716	35470
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	858	0	..	18908	5256	..	..	..	..	25022	..

Serbia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	301485	..	41158	..	17443	46589	..	38988	214	445876	85768
Imports	7322	19430	95559	46290	59849	463	..	18245	..	247157	463
Exports	-518	-71	-240	-30888	..	-2796	..	-25164	..	-59677	-2796
International marine bunkers	..	..	..	-860	..	..	..	..	..	-860	..
International aviation bunkers	..	..	..	-5072	..	..	..	..	..	-5072	..
Stock changes	2469	226	-622	1409	1895	352	..	..	..	5729	352
Total energy supply	310758	19585	135854	10878	79187	44608	..	32069	214	633154	83787
Statistical difference	6	1	-338	-171	0	19	..	0	0	-484	39007
Transfers	..	..	..	213	..	..	..	..	..	213	..
Transformation	-300154	-4174	-136193	132883	-29567	-1130	..	100022	36097	-202214	-1107
Electricity plants	-125057	..	..	0	0	..	..	44456	..	-80601	..
CHP plants	-164243	-4655	..	-81	-4798	-323	..	55566	9479	-109054	-300
Heat plants	-2926	-124	..	-5290	-20468	-98	..	..	26618	-2288	-98
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-6025	7702	..	..	..	..	..	..	..	1677	..
Liquefaction plants	..	..	0	..	..	..	..	..	..	0	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-1903	-7097	..	..	..	..	..	..	..	-9000	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-139312	138476	..	..	..	..	..	-836	..
Other transformation	..	..	3119	-222	-4301	-709	..	..	..	-2113	-709
Energy industries own use	..	..	..	-9423	-6034	..	..	-16387	-2141	-33984	..
Losses	-34	-2214	..	0	-752	..	..	-17309	-3406	-23714	..
Final consumption	10565	13196	..	134723	42836	43459	..	98395	30764	373938	43673
Final energy consumption	10486	13196	..	109172	33098	43459	..	98395	30764	338571	43673
Manufacturing, const., mining	6109	8011	..	14153	18338	5515	..	27832	10453	90411	5515
Iron and steel	257	5929	..	0	2943	0	..	3042	701	12872	0
Chemical and petrochemical	1332	743	..	2560	5338	140	..	4176	4217	18506	140
Non-ferrous metals	0	..	..	323	688	30	..	1472	490	3003	30
Non-metallic minerals	3613	153	..	5160	2525	129	..	2488	51	14118	129
Transport equipment	0	..	..	344	889	15	..	850	28	2126	15
Machinery	230	..	..	1735	433	505	..	2174	53	5130	505
Mining and quarrying	0	..	..	732	13	3	..	1501	..	2249	3
Food and tobacco	196	283	..	1870	3821	1913	..	5378	2486	15948	1913
Paper, pulp and printing	47	584	..	169	930	111	..	1667	900	4407	111
Wood and wood products	0	..	..	43	40	636	..	439	4	1162	636
Textile and leather	167	0	..	249	347	745	..	1242	70	2820	745
Construction	16	0	..	520	..	0	..	1156	..	1692	0
Industries n.e.s	251	319	..	447	374	1289	..	2246	1453	6379	1289
Transport	..	..	..	83477	217	..	..	1267	..	84961	..
Road	..	..	..	82660	151	..	..	..	..	82811	..
Rail	..	..	..	430	..	..	..	1267	..	1697	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	387	..	..	..	..	..	387	..
Pipeline transport	..	..	..	..	66	..	..	..	..	66	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	4378	5186	..	11542	14543	37943	..	69296	20311	163199	38157
Agriculture, forestry, fishing	0	..	..	5736	966	105	..	1127	132	8066	237
Commerce, public services	1765	124	..	3062	6554	1283	..	18018	3250	34056	1365
Households	2612	5062	..	2743	7024	36556	..	50152	16929	121078	36556
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	78	0	..	25552	9737	..	..	..	..	35367	..

Seychelles

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	29	..	32	61	61
Imports	..	15131	..	..	1	..	15133	1
Exports	0	..	0	0
International marine bunkers	..	*-6698	..	..	..	..	*-6698	..
International aviation bunkers	..	*-1676	..	..	..	..	*-1676	..
Stock changes
Total energy supply	..	6758	..	29	1	32	6821	62
Statistical Difference	..	90	..	0	0	3	93	32
Transfers
Transformation	..	*-3116	..	..	..	1328	*-1787	..
Electricity plants	..	*-3116	..	..	..	1328	*-1787	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-40	-40	..
Losses	*-151	*-151	..
Final consumption	..	*3552	..	*29	*1	1167	*4750	*30
Final energy consumption	..	*3512	..	*29	*1	1167	*4709	*30
Manufacturing, const., mining	..	*162	..	..	..	674	836	..
Transport	..	*1431	..	..	..	..	*1431	..
Road	..	*1330	..	..	..	..	*1330	..
Domestic aviation	..	*101	..	..	..	..	*101	..
Domestic navigation
Other transport
Other	..	*1919	..	*29	*1	493	*2443	*30
Agriculture, forestry, fishing
Commerce and public services	..	*47	..	..	..	139	186	..
Households	..	*195	..	*29	*1	354	579	*30
Other consumers	..	*1677	..	..	..	..	*1677	..
Non-energy use	..	*40	..	..	..	..	*40	..
2016								
Primary production	29	..	*65	*94	*94
Imports	..	16867	..	..	1	..	16868	1
Exports	0	..	0	0
International marine bunkers	..	*-6741	..	..	..	..	*-6741	..
International aviation bunkers	..	*-1764	..	..	..	..	*-1764	..
Stock changes
Total energy supply	..	8362	..	29	1	*65	8457	*95
Statistical Difference	..	1349	..	0	0	0	1349	*65
Transfers
Transformation	..	*-3214	..	..	..	*1408	*-1807	..
Electricity plants	..	*-3214	..	..	..	*1408	*-1807	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	-155	-155	..
Final consumption	..	*3799	..	*29	*1	1317	*5147	*30
Final energy consumption	..	*3759	..	*29	*1	1317	*5106	*30
Manufacturing, const., mining	..	*162	..	..	..	751	913	..
Transport	..	*1670	..	..	..	..	*1670	..
Road	..	*1413	..	..	..	..	*1413	..
Domestic aviation	..	*257	..	..	..	..	*257	..
Domestic navigation
Other transport
Other	..	*1927	..	*29	*1	566	*2523	*30
Agriculture, forestry, fishing
Commerce and public services	..	*47	..	..	..	163	211	..
Households	..	*160	..	*29	*1	402	593	*30
Other consumers	..	*1720	..	..	..	..	*1720	..
Non-energy use	..	*40	..	..	..	..	*40	..

Sierra Leone

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	53166	..	*450	53616	53616
Imports	..	*13223	..	..	..	..	*13223	..
Exports
International marine bunkers
International aviation bunkers	..	*-283	..	..	..	..	*-283	..
Stock changes
Total energy supply	..	*12941	..	53166	..	*450	66556	53616
Statistical Difference	..	*8	..	0	0	0	*8	450
Transfers
Transformation	..	*-946	..	*-23678	12744	*288	*-11592	*-10934
Electricity plants	..	*-946	..	..	..	*288	*-658	..
Charcoal plants	*-23678	12744	..	*-10934	*-10934
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-342	*-342	..
Final consumption	..	*11987	..	*29488	12744	*396	*54614	*42232
Final energy consumption	..	*11786	..	*29488	12744	*396	*54413	*42232
Manufacturing, const., mining	..	*1309	..	*201	..	*144	*1654	*201
Transport	..	*6073	..	..	..	..	*6073	..
Road	..	*6073	..	..	..	..	*6073	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*4404	..	*29287	12744	*252	*46686	*42031
Agriculture, forestry, fishing
Commerce and public services	*108	*108	..
Households	..	*491	..	*29287	..	*144	*29921	*29287
Other consumers	..	*3913	..	..	12744	..	16657	12744
Non-energy use	..	*201	..	..	..	..	*201	..
2016								
Primary production	53531	..	*457	53988	53988
Imports	..	*13611	..	..	..	..	*13611	..
Exports
International marine bunkers
International aviation bunkers	..	*-327	..	..	..	..	*-327	..
Stock changes
Total energy supply	..	*13285	..	53531	..	*457	67273	53988
Statistical Difference	..	*8	..	*-9	0	0	*-1	448
Transfers
Transformation	..	*-946	..	*-24217	13039	*292	*-11832	*-11178
Electricity plants	..	*-946	..	..	..	*292	*-654	..
Charcoal plants	*-24217	13039	..	*-11178	*-11178
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*4	*-4	..
Losses	*-342	*-342	..
Final consumption	..	*12331	..	*29323	*13039	*403	*55096	*42362
Final energy consumption	..	*12130	..	*29323	*13039	*403	*54895	*42362
Manufacturing, const., mining	..	*1349	..	*201	..	*148	*1698	*201
Transport	..	*6248	..	..	..	..	*6248	..
Road	..	*6248	..	..	..	..	*6248	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*4533	..	*29122	*13039	*256	*46950	*42161
Agriculture, forestry, fishing
Commerce and public services	*112	*112	..
Households	..	*491	..	*29122	..	*144	*29757	*29122
Other consumers	..	*4042	..	..	*13039	..	*17081	*13039
Non-energy use	..	*201	..	..	..	..	*201	..

Singapore

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	..	..	..	..	..	28105	..	..	..	28105	14190
Imports	17003	13	2068290	4750754	390441	650	..	..	..	7227151	650
Exports	0	0	-40996	-3806999	..	-440	..	..	..	-3848434	-440
International marine bunkers	..	..	..	-1828739	..	..	..	..	..	-1828739	..
International aviation bunkers	..	..	..	*-304141	..	..	..	..	..	*-304141	..
Stock changes	..	..	..	-41897	991	..	..	..	..	-40905	..
Total energy supply	17003	13	2027295	-1231021	391433	28315	..	..	..	1233036	14401
Statistical difference	-548	0	0	-163438	-2601	-20	..	1186	..	-165421	-20
Transfers	..	..	..	-3522	..	..	..	..	..	-3522	..
Transformation	-10714	..	*-2027295	1630091	-341574	-27955	..	180977	..	-596469	-14040
Electricity plants	-10714	..	..	-9803	-341574	-27830	..	180977	..	-208943	-13915
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	*-2027295	1639894	..	..	..	..	..	*-387400	..
Other transformation	..	..	..	..	..	*-125	..	..	..	*-125	*-125
Energy industries own use	..	..	..	-73478	*-486	..	..	-2	..	-73966	..
Losses	..	..	..	..	..	..	..	-8740	..	-8740	..
Final consumption	6837	*13	..	485508	51973	*381	..	171050	..	715761	*381
Final energy consumption	6837	*13	..	211504	51973	*381	..	171050	..	441757	*381
Manufacturing, const., mining	6837	*13	..	116137	45665	..	..	*72317	..	240969	..
Iron and steel	..	..	..	..	..	..	..	*5062	..	*5062	..
Chemical and petrochemical	..	..	..	99737	..	..	..	*3254	..	102991	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	6837	*13	..	16400	45665	..	..	*64000	..	132915	..
Transport	..	..	..	90778	599	..	..	8801	..	100178	..
Road	..	..	..	88628	..	..	..	..	..	88628	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	2150	..	..	..	..	..	2150	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	599	..	..	8801	..	9400	..
Other	..	..	..	4588	5710	*381	..	89931	..	100610	*381
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..	..	..	..
Commerce, public services	..	..	..	3406	3378	..	..	62932	..	69716	..
Households	..	..	..	1183	2257	..	..	25995	..	29435	..
Other consumers	..	..	..	..	74	*381	..	1004	..	1459	*381
Non-energy use	..	..	..	274004	..	..	..	..	..	274004	..

Singapore

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	..	..	..	..	..	27707	..	..	..	27707	13989
Imports	17861	0	2162290	4731827	364773	570	..	..	..	7277321	570
Exports	-26	..	0	-4107565	..	-368	..	..	..	-4107959	-368
International marine bunkers	..	..	..	-1969223	..	..	..	..	..	-1969223	..
International aviation bunkers	..	..	..	-323518	..	..	..	..	..	-323518	..
Stock changes	..	..	..	7738	-1943	..	..	..	..	5795	..
Total energy supply	17836	0	2162290	-1660740	362830	27909	..	..	..	910124	14191
Statistical difference	250	0	0	-342662	-1972	0	..	1907	..	-342477	0
Transfers	..	..	..	11411	..	..	..	..	..	11411	..
Transformation	-10851	..	*-2162290	1898676	-315172	-27553	..	185712	..	-431478	-13835
Electricity plants	-10851	..	..	-6922	-315172	-27436	..	185712	..	-174671	-13718
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	*-2162290	1905599	..	..	..	..	..	*-256691	..
Other transformation	..	..	..	..	..	*-117	..	..	..	*-117	*-117
Energy industries own use	..	..	..	-67320	-454	..	..	0	..	-67774	..
Losses	..	..	..	..	..	..	..	-8750	..	-8750	..
Final consumption	6734	0	..	524690	49175	*356	..	175055	..	756010	*356
Final energy consumption	6734	0	..	224162	49175	*356	..	175055	..	455482	*356
Manufacturing, const., mining	6734	0	..	144832	42420	..	..	*73506	..	267492	..
Iron and steel	..	..	..	..	..	..	..	*5145	..	*5145	..
Chemical and petrochemical	..	..	..	118943	..	..	..	*3308	..	122250	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	6734	0	..	25889	42420	..	..	*65053	..	140096	..
Transport	..	..	..	74932	422	..	..	9502	..	84856	..
Road	..	..	..	73427	..	..	..	..	..	73427	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	1505	..	..	..	..	..	1505	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	422	..	..	9502	..	9924	..
Other	..	..	..	4399	6333	*356	..	92046	..	103134	*356
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..	..	..	..
Commerce, public services	..	..	..	3264	3942	..	..	63716	..	70922	..
Households	..	..	..	1135	2293	..	..	27322	..	30750	..
Other consumers	..	..	..	..	98	*356	..	1008	..	1462	*356
Non-energy use	..	..	..	300528	..	..	..	..	..	300528	..

Sint Maarten (Dutch part)

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production
Imports	..	*22195	..	*1	*3	..	*22199	*4
Exports
International marine bunkers	..	*-8157	..	..	..	..	*-8157	..
International aviation bunkers	..	*-2236	..	..	..	..	*-2236	..
Stock changes
Total energy supply	..	*11803	..	*1	*3	..	*11807	*4
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	*-3361	..	..	..	*1328	*-2033	..
Electricity plants	..	*-3361	..	..	..	*1328	*-2033	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	*-120	*-120	..
Final consumption	..	*8441	..	*1	*3	1209	*9654	*4
Final energy consumption	..	*6918	..	*1	*3	1209	*8130	*4
Manufacturing, const., mining	..	*1899	..	..	..	209	*2108	..
Transport	..	*4925	..	..	..	..	*4925	..
Road	..	*3501	..	..	..	..	*3501	..
Domestic aviation
Domestic navigation	..	*1423	..	..	..	..	*1423	..
Other transport
Other	..	*95	..	*1	*3	999	1098	*4
Agriculture, forestry, fishing
Commerce and public services	638	638	..
Households	..	*95	..	*1	*3	361	460	*4
Other consumers
Non-energy use	..	*1524	..	..	..	..	*1524	..
2016								
Primary production
Imports	..	*22401	..	*1	*3	..	*22405	*4
Exports
International marine bunkers	..	*-8198	..	..	..	..	*-8198	..
International aviation bunkers	..	*-2249	..	..	..	..	*-2249	..
Stock changes
Total energy supply	..	*11954	..	*1	*3	..	*11958	*4
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	*-3470	..	..	..	*1353	*-2117	..
Electricity plants	..	*-3470	..	..	..	*1353	*-2117	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	*-121	*-121	..
Final consumption	..	*8484	..	*1	*3	1232	*9719	*4
Final energy consumption	..	*6952	..	*1	*3	1232	*8188	*4
Manufacturing, const., mining	..	*1907	..	..	..	214	*2121	..
Transport	..	*4950	..	..	..	..	*4950	..
Road	..	*3519	..	..	..	..	*3519	..
Domestic aviation
Domestic navigation	..	*1432	..	..	..	..	*1432	..
Other transport
Other	..	*95	..	*1	*3	1018	1116	*4
Agriculture, forestry, fishing
Commerce and public services	646	646	..
Households	..	*95	..	*1	*3	372	470	*4
Other consumers
Non-energy use	..	*1532	..	..	..	..	*1532	..

Slovakia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	20738	..	511	..	3258	58952	165545	15761	527	265292	67501
Imports	112390	5772	249805	69239	154388	4243	..	53996	80	649912	4213
Exports	..	-1764	-423	-188143	0	-5229	..	-45400	..	-240959	-5229
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-1852	..	..	..	..	..	-1852	..
Stock changes	5333	-4695	1184	-2480	4779	-7	..	..	..	4114	-11
Total energy supply	138460	-687	251077	-123236	162425	57959	165545	24358	607	676508	66474
Statistical difference	-173	-17	0	-1785	0	0	0	0	0	-1974	15883
Transfers	..	..	..	0	..	..	..	..	..	0	..
Transformation	-121500	40244	-251077	264775	-35679	*-24111	-165545	80060	36418	-176415	*-23489
Electricity plants	..	..	..	0	-3128	-1304	-45803	17230	..	-33006	-1304
CHP plants	-42321	-3290	..	-8795	-14313	*-20247	-119742	62885	24647	-121176	*-19520
Heat plants	-69	-34	..	0	-10803	*-2459	..	-54	11771	-1648	*-2564
Coke ovens	-61594	61646	..	..	..	..	..	..	..	51	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	5364	..	..	..	..	..	..	5364	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-17516	-22121	..	..	..	..	..	..	..	-39637	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-263191	273949	..	..	..	..	..	10757	..
Other transformation	..	4043	6750	-379	-7435	*-101	..	..	..	2878	*-101
Energy industries own use	-11	-16060	..	-25735	-3470	*-10	..	-11776	-4443	-61504	*-10
Losses	-52	-1087	..	-43	-3273	*-28	..	-4907	-5827	-15217	*-28
Final consumption	17070	22426	..	117546	120003	*33810	..	87736	26755	425346	*27064
Final energy consumption	16347	21300	..	91824	103844	*33810	..	87736	26755	381615	*27064
Manufacturing, const., mining	12349	19682	..	6379	33020	*23594	..	41778	6275	143077	*16839
Iron and steel	10145	18754	..	..	6272	*174	..	8413	..	43758	*174
Chemical and petrochemical	..	0	..	3960	4350	741	..	4723	2708	16482	0
Non-ferrous metals	..	141	..	..	1354	..	..	9227	..	10721	..
Non-metallic minerals	1687	760	..	1766	5865	5997	..	1987	298	18360	..
Transport equipment	69	..	..	87	2875	..	..	3488	230	6749	..
Machinery	11	..	..	90	3686	17	..	4784	..	8590	..
Mining and quarrying	11	..	..	129	75	..	..	122	0	338	..
Food and tobacco	425	28	..	0	2998	..	..	1933	175	5559	..
Paper, pulp and printing	0	..	..	40	2178	3	..	2599	2734	7555	3
Wood and wood products	..	..	..	0	209	..	..	544	47	799	..
Textile and leather	..	..	..	..	651	..	..	468	51	1170	..
Construction	..	..	..	262	618	..	..	248	32	1161	..
Industries n.e.s	0	0	..	44	1890	*16662	..	3240	0	21836	*16662
Transport	..	..	..	81781	3863	6218	..	2167	..	94029	6218
Road	..	..	..	80173	..	6218	..	90	..	86480	6218
Rail	..	..	..	..	..	..	..	1836	..	1836	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	3543	..	..	0	..	3543	..
Transport, n.e.s	..	..	..	1608	320	..	..	241	..	2169	..
Other	3998	1618	..	3664	66961	3998	..	43790	20480	144510	4007
Agriculture, forestry, fishing	11	..	..	2885	950	1503	..	947	55	6352	1529
Commerce, public services	3302	1518	..	589	22027	1259	..	24718	1269	54681	1047
Households	685	100	..	189	43984	*1236	..	18126	19156	83476	*1431
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	723	1126	..	25722	16160	..	..	..	..	43730	..

Slovakia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	25505	..	427	..	3206	57597	161535	17633	580	266482	67461
Imports	109818	4843	245152	73343	151426	4171	..	47696	83	636532	4056
Exports	..	-2019	-381	-176488	..	-5786	..	-38153	..	-222827	-5786
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-2117	..	..	..	..	..	-2117	..
Stock changes	4247	-158	-2242	-956	8458	73	..	..	..	9422	72
Total energy supply	139570	2665	242956	-106217	163090	56054	161535	27176	663	687492	65803
Statistical difference	0	-2	0	-1774	0	-3	0	0	0	-1779	17772
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-124746	38112	-242956	254314	-33951	-24939	-161535	78851	37234	-179615	-24259
Electricity plants	..	..	..	..	-2993	-1193	-44680	16848	..	-32017	-1193
CHP plants	-45961	-3020	..	-9782	-14067	*-20845	-116856	62060	25944	-122526	*-20100
Heat plants	-83	-35	..	-40	-9942	*-2785	..	-58	11290	-1653	*-2850
Coke ovens	-61734	61520	..	..	..	..	..	..	..	-214	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	5076	..	..	..	..	..	..	5076	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-16968	-24765	..	..	..	..	..	..	..	-41733	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-254482	264516	..	..	..	..	..	10035	..
Other transformation	..	4412	6450	-380	-6949	*-116	..	..	..	3417	*-116
Energy industries own use	-14	-16528	..	-24790	-4331	-26	..	-11279	-4680	-61647	-26
Losses	-28	-1059	..	..	-3306	..	..	-4795	-4887	-14075	..
Final consumption	14783	23193	..	125081	121503	*31092	..	89953	28330	433935	*23746
Final energy consumption	14001	21872	..	100529	107168	*31092	..	89953	28330	392945	*23746
Manufacturing, const., mining	10410	21305	..	6370	33177	*21629	..	43506	5340	141737	*14095
Iron and steel	8484	20181	..	..	5999	*146	..	8291	..	43100	*146
Chemical and petrochemical	..	..	..	3861	4689	1293	..	4550	2655	17048	..
Non-ferrous metals	..	141	..	..	1337	..	..	9310	..	10787	..
Non-metallic minerals	1415	927	..	1939	5842	6212	..	2732	334	19401	..
Transport equipment	69	..	..	87	2885	..	..	3859	129	7029	..
Machinery	..	..	..	90	3668	29	..	5216	..	9003	..
Mining and quarrying	28	..	..	176	69	..	..	158	..	432	..
Food and tobacco	414	56	..	..	3171	..	..	1930	219	5790	..
Paper, pulp and printing	..	..	..	40	1918	4	..	2664	1855	6481	4
Wood and wood products	..	..	..	..	211	..	..	554	51	816	..
Textile and leather	..	..	..	..	603	..	..	450	59	1112	..
Construction	..	..	..	176	749	..	..	256	38	1219	..
Industries n.e.s	0	0	..	0	2039	*13945	..	3535	0	19519	*13945
Transport	..	..	..	90666	5932	5688	..	2185	..	104472	5688
Road	..	..	..	89105	..	5688	..	90	..	94884	5688
Rail	..	..	..	..	..	..	..	1840	..	1840	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	5635	..	..	..	..	5635	..
Transport, n.e.s	..	..	..	1561	297	..	..	256	..	2114	..
Other	3591	567	..	3493	68059	*3775	..	44262	22990	146736	*3963
Agriculture, forestry, fishing	14	..	..	2658	1037	1612	..	907	61	6289	1609
Commerce, public services	2249	448	..	456	22309	673	..	25006	3958	55099	668
Households	1329	119	..	378	44713	*1490	..	18349	18971	85349	*1686
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	782	1321	..	24553	14335	..	..	..	..	40990	..

Slovenia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	36109	..	..	..	108	27753	60998	14717	2248	141933	42916
Imports	7611	932	..	172873	27706	1272	..	32562	..	242956	1272
Exports	0	..	..	-73620	..	..	..	-32735	..	-106355	..
International marine bunkers	..	..	..	-2626	..	..	..	..	..	-2626	..
International aviation bunkers	..	..	..	-1103	..	..	..	..	..	-1103	..
Stock changes	272	-60	..	384	..	0	..	..	..	596	0
Total energy supply	43992	872	..	95908	27814	29025	60998	14544	2248	275401	44187
Statistical difference	-26	0	..	-161	0	37	0	0	0	-150	14775
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-43134	..	..	-344	-4116	*-3717	-60998	38624	8643	-65042	*-3408
Electricity plants	0	..	..	-43	-99	-55	-60998	20383	..	-40812	-55
CHP plants	-42951	..	..	-129	-3130	*-3236	..	18241	7097	-24108	*-2906
Heat plants	-183	..	..	-172	-887	*-426	..	..	1546	-121	*-447
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	..	-127	..	..	-4021	-408	-4556	..
Losses	..	..	..	..	..	..	..	-3110	-1192	-4302	..
Final consumption	884	872	..	95726	23571	*25271	..	46037	9291	201651	*26005
Final energy consumption	775	692	..	90803	23360	*25271	..	46037	9291	196229	*26005
Manufacturing, const., mining	775	692	..	3930	16841	*4613	..	22316	2057	51224	*3141
Iron and steel	..	241	..	47	2932	..	..	2736	48	6004	..
Chemical and petrochemical	..	..	..	176	1936	*944	..	2441	1197	6694	*863
Non-ferrous metals	54	..	..	371	1377	..	..	4792	34	6628	..
Non-metallic minerals	27	451	..	1151	2846	1471	..	1541	25	7512	*80
Transport equipment	..	..	..	90	473	*4	..	799	8	1374	*4
Machinery	..	..	..	490	1458	*44	..	3373	289	5654	*44
Mining and quarrying	..	..	..	86	155	..	..	464	0	705	..
Food and tobacco	..	..	..	479	1097	*64	..	1044	128	2812	*64
Paper, pulp and printing	694	..	..	90	3087	*361	..	2477	45	6754	*361
Wood and wood products	..	..	..	43	61	*1452	..	605	11	*2172	*1452
Textile and leather	..	..	..	83	331	*79	..	342	44	880	*79
Construction	..	..	..	731	190	*7	..	162	6	1096	*7
Industries n.e.s	0	0	..	90	898	*187	..	1541	222	2938	*187
Transport	..	..	..	73373	88	1198	..	547	..	75206	1198
Road	..	..	..	72813	88	1198	..	..	..	74099	1198
Rail	..	..	..	516	..	..	..	522	..	1038	..
Domestic aviation	..	..	..	44	..	..	..	..	..	44	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	25	..	25	..
Other	0	..	..	13500	6431	*19460	..	23173	7234	69799	*21666
Agriculture, forestry, fishing	..	..	..	3017	..	..	..	..	164	3181	164
Commerce, public services	..	..	..	3096	2099	64	..	11635	2277	19171	524
Households	0	..	..	6536	4333	*19396	..	11538	4793	46596	*20978
Other consumers	..	..	..	851	..	..	..	..	..	851	..
Non-energy use	108	180	..	4923	211	..	..	..	..	5422	..

Slovenia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	34294	..	..	..	179	28615	61722	17194	2315	144318	46248
Imports	5491	840	..	194419	29340	786	..	30092	..	260969	786
Exports	0	..	..	-87308	..	..	..	-34326	..	-121634	..
International marine bunkers	..	..	..	-5010	..	..	..	..	..	-5010	..
International aviation bunkers	..	..	..	-926	..	..	..	..	..	-926	..
Stock changes	222	-30	..	-313	..	..	..	..	..	-121	..
Total energy supply	40007	810	..	100862	29519	29401	61722	12960	2315	277596	47034
Statistical difference	-1495	0	..	-99	0	0	0	4	0	-1590	17215
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-40832	..	..	-258	-4217	*-3771	-61722	41202	8961	-60637	*-3435
Electricity plants	..	..	..	-43	-61	-36	-61722	20610	..	-41252	-36
CHP plants	-40766	..	..	-43	-3213	*-3298	..	20592	7447	-19281	*-2941
Heat plants	-66	..	..	-172	-942	*-437	..	..	1514	-103	*-458
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	..	-21	..	..	-4115	-449	-4585	..
Losses	..	..	..	..	..	..	..	-3154	-1245	-4399	..
Final consumption	669	810	..	100703	25282	*25631	..	46890	9582	209567	*26385
Final energy consumption	560	660	..	95668	25053	*25631	..	46890	9582	204043	*26385
Manufacturing, const., mining	560	660	..	3939	17395	*4587	..	22442	2129	51713	*3068
Iron and steel	..	240	..	47	3123	..	..	2833	48	6291	..
Chemical and petrochemical	..	..	..	219	1953	*994	..	2437	1229	6833	*931
Non-ferrous metals	55	..	..	284	1446	..	..	4864	39	6687	..
Non-metallic minerals	..	420	..	1156	3090	1475	..	1249	1	7390	*19
Transport equipment	..	..	..	90	460	*3	..	770	10	1334	*3
Machinery	..	..	..	490	1463	*69	..	3542	301	5866	*69
Mining and quarrying	..	..	..	86	140	..	..	472	..	698	..
Food and tobacco	..	..	..	396	1100	44	..	1030	145	2714	44
Paper, pulp and printing	506	..	..	90	3186	*421	..	2455	45	6703	*421
Wood and wood products	..	..	..	43	..	1405	..	587	12	2047	1405
Textile and leather	..	..	..	83	351	*49	..	367	48	899	*49
Construction	..	..	..	864	169	*6	..	162	6	1208	*6
Industries n.e.s	0	0	..	90	914	*121	..	1674	245	3044	*121
Transport	..	..	..	78290	118	750	..	598	..	79755	750
Road	..	..	..	77816	118	750	..	..	..	78683	750
Rail	..	..	..	430	..	..	..	576	..	1006	..
Domestic aviation	..	..	..	44	..	..	..	..	..	44	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	22	..	22	..
Other	..	..	..	13438	7540	*20294	..	23850	7453	72576	*22567
Agriculture, forestry, fishing	..	..	..	2972	..	..	..	..	120	3092	120
Commerce, public services	..	..	..	3655	2727	53	..	12114	2095	20644	403
Households	..	..	..	6102	4813	*20241	..	11736	5238	48130	*22044
Other consumers	..	..	..	710	..	..	..	..	..	710	..
Non-energy use	109	150	..	5036	229	..	..	..	..	5523	..

Solomon Islands

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	*3244	..	*8	*3251	*3251
Imports	..	*3136	..	..	1	..	*3137	1
Exports	0	0	..	0	0
International marine bunkers	..	*-172	..	..	..	..	*-172	..
International aviation bunkers	..	*-163	..	..	..	..	*-163	..
Stock changes
Total energy supply	..	*2801	..	*3244	1	*8	*6053	*3252
Statistical Difference	..	*-9	..	0	0	0	*-8	*8
Transfers
Transformation	..	*-1161	..	*-78	42	341	*-856	*-36
Electricity plants	..	*-1161	..	..	..	341	*-820	..
Charcoal plants	*-78	42	..	*-36	*-36
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-7	*-7	..
Losses	*-43	*-43	..
Final consumption	..	*1649	..	*3166	*42	*298	*5155	*3208
Final energy consumption	..	*1572	..	*3166	*42	*298	*5078	*3208
Manufacturing, const., mining	..	133	..	..	..	*117	251	..
Transport	..	*1123	..	..	..	..	*1123	..
Road	..	*971	..	..	..	..	*971	..
Domestic aviation	..	*53	..	..	..	..	*53	..
Domestic navigation	..	*99	..	..	..	..	*99	..
Other transport
Other	..	*316	..	*3166	*42	*180	*3704	*3208
Agriculture, forestry, fishing	..	*90	..	..	..	..	*90	..
Commerce and public services	*81	*81	..
Households	..	*226	..	*3166	*42	53	*3487	*3208
Other consumers	*46	*46	..
Non-energy use	..	*76	..	..	..	..	*76	..
2016								
Primary production	*3247	..	*8	*3255	*3255
Imports	..	*2729	..	..	1	..	*2730	1
Exports	0	0	..	0	0
International marine bunkers	..	*-151	..	..	..	..	*-151	..
International aviation bunkers	..	*-146	..	..	..	..	*-146	..
Stock changes
Total energy supply	..	*2433	..	*3247	1	*8	*5689	*3256
Statistical Difference	..	0	..	0	0	0	0	*8
Transfers
Transformation	..	*-1011	..	*-79	42	366	*-681	*-36
Electricity plants	..	*-1011	..	..	..	366	*-644	..
Charcoal plants	*-79	42	..	*-36	*-36
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-8	*-8	..
Losses	*-43	*-43	..
Final consumption	..	*1422	..	*3169	*43	*323	*4957	*3212
Final energy consumption	..	*1362	..	*3169	*43	*323	*4896	*3212
Manufacturing, const., mining	..	*116	..	..	..	*127	*244	..
Transport	..	*970	..	..	..	..	*970	..
Road	..	*839	..	..	..	..	*839	..
Domestic aviation	..	*44	..	..	..	..	*44	..
Domestic navigation	..	*86	..	..	..	..	*86	..
Other transport
Other	..	*276	..	*3169	*43	*195	*3683	*3212
Agriculture, forestry, fishing	..	*77	..	..	..	..	*77	..
Commerce and public services	*88	*88	..
Households	..	*199	..	*3169	*43	60	*3471	*3212
Other consumers	*46	*46	..
Non-energy use	..	*60	..	..	..	..	*60	..

Somalia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	128820	..	..	128820	128820
Imports	..	*11880	..	0	..	..	*11881	0
Exports	-7	0	..	-7	-7
International marine bunkers	..	*-1130	..	..	..	..	*-1130	..
International aviation bunkers	..	-1852	..	..	..	..	-1852	..
Stock changes
Total energy supply	..	*8898	..	128813	0	..	137711	128813
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	*-4214	..	*-64755	34854	1260	*-32855	*-29901
Electricity plants	..	*-4214	..	..	..	1260	*-2954	..
Charcoal plants	*-64755	34854	..	*-29901	*-29901
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-126	*-126	..
Final consumption	..	4684	..	*64058	*34854	1134	*104730	*98912
Final energy consumption	..	4684	..	*64058	*34854	1134	*104730	*98912
Manufacturing, const., mining	..	*1091	..	*579	..	..	*1670	*579
Transport	..	1850	..	..	..	..	1850	..
Road	..	1850	..	..	..	..	1850	..
Domestic aviation
Domestic navigation
Other transport
Other	..	1743	..	*63479	*34854	1134	*101210	*98333
Agriculture, forestry, fishing
Commerce and public services
Households	..	1743	..	*63479	..	..	*65222	*63479
Other consumers	*34854	1134	*35988	*34854
Non-energy use
2016								
Primary production	135966	..	..	135966	135966
Imports	..	*12095	..	0	..	..	*12096	0
Exports	-7	0	..	-7	-7
International marine bunkers	..	-1173	..	..	..	..	-1173	..
International aviation bunkers	..	-1852	..	..	..	..	-1852	..
Stock changes
Total energy supply	..	*9070	..	135959	0	..	145029	135959
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	*-4300	..	*-67123	36127	1260	*-34036	*-30996
Electricity plants	..	*-4300	..	..	..	1260	*-3040	..
Charcoal plants	*-67123	36127	..	*-30996	*-30996
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-126	*-126	..
Final consumption	..	4770	..	*68836	*36127	1134	*110868	*104963
Final energy consumption	..	4770	..	*68836	*36127	1134	*110868	*104963
Manufacturing, const., mining	..	*1091	..	*579	..	..	*1670	*579
Transport	..	1936	..	..	..	..	1936	..
Road	..	1936	..	..	..	..	1936	..
Domestic aviation
Domestic navigation
Other transport
Other	..	1743	..	*68257	*36127	1134	*107261	*104384
Agriculture, forestry, fishing
Commerce and public services
Households	..	1743	..	*68257	..	..	*70000	*68257
Other consumers	*36127	1134	*37261	*36127
Non-energy use

South Africa

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	6048975	..	13392	..	42912	558486	132160	19742	6628	6822296	584857
Imports	16086	..	887750	403599	139408	2620	..	47012	..	1496475	2620
Exports	-1795806	..	..	-184937	..	-773	..	-52592	..	-2034108	-773
International marine bunkers	..	..	..	-141920	..	..	..	..	..	-141920	..
International aviation bunkers	..	..	..	-38721	..	..	..	..	..	-38721	..
Stock changes	..	..	5161	..	..	..	..	..	..	5161	..
Total energy supply	4269255	..	906303	38020	182320	560333	132160	14162	6628	6109182	586704
Statistical difference	-125300	0	5161	10434	0	0	0	15786	0	-93919	20426
Transfers	..	..	-191592	232067	..	..	..	..	..	40475	..
Transformation	-3361061	113391	-709550	868434	-109355	*-178042	-132160	868507	-2052	-2641888	*-179410
Electricity plants	-2827721	..	..	-1892	..	*-3730	-132160	868507	-2052	-2099048	*-5098
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-79361	74796	..	..	..	..	..	..	..	-4565	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	-246759	..	191592	..	-109355	..	..	..	..	-164522	..
Gas works	-207220	70535	..	..	..	..	..	..	..	-136685	..
Blast furnaces	..	-31940	..	..	..	..	..	..	..	-31940	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-901142	870326	..	..	..	..	..	-30816	..
Other transformation	..	..	..	..	..	*-174312	..	..	..	*-174312	*-174312
Energy industries own use	-497002	..	..	-42174	..	..	..	-97358	..	-636534	..
Losses	..	..	..	..	..	..	..	-71622	..	-71622	..
Final consumption	536493	113391	..	1085913	72965	*382291	..	697903	4576	2893532	*386867
Final energy consumption	488966	113391	..	985976	72965	*382291	..	697903	4576	2746068	*386867
Manufacturing, const., mining	273947	112074	..	96175	72894	*105136	..	419674	..	1079900	*105136
Iron and steel	56534	57367	..	..	9257	..	..	13590	..	136748	..
Chemical and petrochemical	95	39039	..	..	40976	..	..	40435	..	120545	..
Non-ferrous metals	47953	..	..	..	437	..	..	61769	..	110159	..
Non-metallic minerals	36006	5197	..	..	13648	..	..	9306	..	64157	..
Transport equipment	..	..	..	..	604	..	..	155	..	759	..
Machinery	..	1537	..	..	1039	..	..	151	..	2727	..
Mining and quarrying	3887	1915	..	69530	..	..	..	109393	..	184726	..
Food and tobacco	..	923	..	..	2751	..	..	2556	..	6230	..
Paper, pulp and printing	..	2062	..	..	680	..	..	5756	..	8499	..
Wood and wood products	..	..	..	..	..	..	..	1008	..	1008	..
Textile and leather	..	..	..	..	11	..	..	443	..	454	..
Construction	..	..	..	4425	..	..	..	382	..	4806	..
Industries n.e.s	129471	4034	..	22220	3491	*105136	..	174730	..	439082	*105136
Transport	..	..	..	774190	7	..	..	12467	..	786664	..
Road	..	..	..	720149	7	..	..	104	..	720260	..
Rail	..	..	..	6235	..	..	..	10267	..	16502	..
Domestic aviation	..	..	..	47719	..	..	..	..	..	47719	..
Domestic navigation	..	..	..	87	..	..	..	..	..	87	..
Pipeline transport	..	..	..	..	..	..	..	270	..	270	..
Transport, n.e.s	..	..	..	..	..	..	..	1825	..	1825	..
Other	215019	1317	..	115611	64	*277155	..	265763	4576	879505	*281731
Agriculture, forestry, fishing	13061	..	..	51506	..	..	..	20448	..	85014	..
Commerce, public services	65945	1317	..	5899	64	..	..	100955	..	174179	..
Households	132932	..	..	24573	..	*277155	..	138906	..	573566	*277155
Other consumers	3082	..	..	33634	..	..	..	5454	4576	46745	4576
Non-energy use	47527	..	..	99937	..	..	..	..	..	147464	..

South Africa

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	6052100	..	11108	..	38511	558359	162281	25200	10337	6857896	593896
Imports	16427	..	983137	308418	146707	2428	..	37998	..	1495115	2428
Exports	-1658023	..	..	-179359	..	-723	..	-59576	..	-1897680	-723
International marine bunkers	..	..	..	-142092	..	..	..	..	..	-142092	..
International aviation bunkers	..	..	..	-42690	..	..	..	..	..	-42690	..
Stock changes	..	..	5161	..	..	..	..	..	..	5161	..
Total energy supply	4410505	..	999405	-55723	185218	560064	162281	3622	10337	6275709	595601
Statistical difference	-43659	0	5161	1664	0	0	0	4568	0	-32266	27000
Transfers	..	..	-194688	235863	..	..	..	..	..	41175	..
Transformation	-3425668	109003	-799557	961520	-114352	*-178418	-162281	872831	-5400	-2742323	*-182018
Electricity plants	-2901980	..	..	-1892	..	*-3744	-162281	872831	-5400	-2202466	*-7344
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-76690	72227	..	..	..	..	..	..	..	-4463	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	-248193	..	194688	..	-114352	..	..	..	..	-167857	..
Gas works	-198806	67620	..	..	..	..	..	..	..	-131186	..
Blast furnaces	..	-30844	..	..	..	..	..	..	..	-30844	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-994245	963412	..	..	..	..	..	-30833	..
Other transformation	..	..	..	..	..	*-174674	..	..	..	*-174674	*-174674
Energy industries own use	-499896	..	..	-46530	..	..	..	-100703	..	-647129	..
Losses	..	..	..	..	..	..	..	-77036	..	-77036	..
Final consumption	528599	109003	..	1093466	70866	*381646	..	694145	4937	2882661	*386583
Final energy consumption	472499	109003	..	988664	70866	*381646	..	694145	4937	2721760	*386583
Manufacturing, const., mining	281972	107623	..	93084	70796	*104078	..	417384	..	1074936	*104078
Iron and steel	58116	55270	..	..	8560	..	..	13514	..	135461	..
Chemical and petrochemical	0	37360	..	..	39598	..	..	40216	..	117174	..
Non-ferrous metals	43054	..	..	..	411	..	..	61434	..	104899	..
Non-metallic minerals	43267	4973	..	..	13560	..	..	9256	..	71056	..
Transport equipment	..	..	..	..	576	..	..	155	..	731	..
Machinery	..	1471	..	..	995	..	..	151	..	2618	..
Mining and quarrying	5480	1833	..	66048	..	..	..	108796	..	182156	..
Food and tobacco	..	883	..	..	2691	..	..	2542	..	6116	..
Paper, pulp and printing	..	1973	..	..	644	..	..	5724	..	8341	..
Wood and wood products	..	..	..	..	..	..	..	1001	..	1001	..
Textile and leather	..	..	..	..	13	..	..	439	..	452	..
Construction	..	..	..	4210	..	..	..	378	..	4588	..
Industries n.e.s	132055	3860	..	22826	3748	*104078	..	173779	..	440346	*104078
Transport	..	..	..	781106	7	..	..	12445	..	793558	..
Road	..	..	..	722295	7	..	..	104	..	722406	..
Rail	..	..	..	6066	..	..	..	10256	..	16322	..
Domestic aviation	..	..	..	52614	..	..	..	..	..	52614	..
Domestic navigation	..	..	..	132	..	..	..	..	..	132	..
Pipeline transport	..	..	..	..	..	..	..	270	..	270	..
Transport, n.e.s	..	..	..	..	..	..	..	1814	..	1814	..
Other	190527	1380	..	114475	63	*277568	..	264316	4937	853266	*282505
Agriculture, forestry, fishing	11552	..	..	50014	..	..	..	20336	..	81903	..
Commerce, public services	58377	1380	..	6173	63	..	..	100404	..	166398	..
Households	117870	..	..	26372	..	*277568	..	138150	..	559960	*277568
Other consumers	2728	..	..	31915	..	..	..	5425	4937	45005	4937
Non-energy use	56100	..	..	104801	..	..	..	..	..	160902	..

South Sudan

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	312512	..	8022	..	4	320539	8026
Imports	..	26972	..	..	..	..	26972	..
Exports	..	-309636	..	..	..	..	-309636	..
International marine bunkers
International aviation bunkers	..	-2558	..	..	..	..	-2558	..
Stock changes
Total energy supply	..	27290	..	8022	..	4	35317	8026
Statistical Difference	..	217	..	165	-30	14	367	140
Transfers
Transformation	..	-8003	..	-1708	325	2074	-7313	-1383
Electricity plants	..	-8003	..	..	..	2074	-5930	..
Charcoal plants	-1708	325	..	-1383	-1383
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	-2876	..	-13	..	-62	-2951	-13
Losses	-30	-97	-127	-30
Final consumption	..	16194	..	6136	325	1904	24559	6460
Final energy consumption	..	16194	..	6136	325	1904	24559	6460
Manufacturing, const., mining	..	348	..	..	..	..	348	..
Transport	..	14321	..	..	..	..	14321	..
Road	..	13704	..	..	..	..	13704	..
Domestic aviation	..	617	..	..	..	..	617	..
Domestic navigation
Other transport
Other	..	1524	..	6136	325	1904	9889	6460
Agriculture, forestry, fishing	..	1207	..	17	..	288	1512	17
Commerce and public services	235	59	774	1068	294
Households	..	273	..	5884	266	842	7265	6149
Other consumers	..	44	..	..	..	..	44	..
Non-energy use
2016								
Primary production	..	249189	..	8103	..	6	257298	8109
Imports	..	23948	..	..	..	..	23948	..
Exports	..	-246228	..	..	..	..	-246228	..
International marine bunkers
International aviation bunkers	..	-2690	..	..	..	..	-2690	..
Stock changes
Total energy supply	..	24219	..	8103	..	6	32328	8109
Statistical Difference	..	-300	..	168	-30	7	-154	144
Transfers
Transformation	..	-6067	..	-1725	325	1573	-5894	-1401
Electricity plants	..	-6067	..	..	..	1573	-4494	..
Charcoal plants	-1725	325	..	-1401	-1401
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	-2961	..	-13	..	-49	-3023	-13
Losses	..	-648	..	..	-30	-76	-753	-30
Final consumption	..	14842	..	6197	325	1447	22811	6521
Final energy consumption	..	14842	..	6197	325	1447	22811	6521
Manufacturing, const., mining	..	348	..	..	..	..	348	..
Transport	..	13276	..	..	..	..	13276	..
Road	..	12615	..	..	..	..	12615	..
Domestic aviation	..	662	..	..	..	..	662	..
Domestic navigation
Other transport
Other	..	1218	..	6197	325	1447	9187	6521
Agriculture, forestry, fishing	..	992	..	17	..	220	1228	17
Commerce and public services	237	59	587	883	296
Households	..	182	..	5943	266	641	7032	6209
Other consumers	..	44	..	..	..	..	44	..
Non-energy use

Spain

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	52172	..	9814	..	2264	303727	617717	308632	72780	1367106	674588
Imports	449378	9030	2737910	787950	1179918	21579	..	53842	..	5239606	21579
Exports	-21497	-3858	..	-961403	-184512	-38084	..	-54320	..	-1263674	-38084
International marine bunkers	..	..	..	-313336	..	..	..	..	..	-313336	..
International aviation bunkers	..	..	..	-165728	..	..	..	..	..	-165728	..
Stock changes	67065	911	3088	-66889	29691	5926	..	..	..	39793	5926
Total energy supply	547118	6082	2750811	-719405	1027362	293149	617717	308153	72780	4903767	664010
Statistical difference	-45655	6779	0	-43694	27	-27	0	155	0	-82415	328740
Transfers	..	..	..	2777	..	..	..	..	..	2777	..
Transformation	-581196	31750	-2750811	2595728	-345831	*-84146	-617717	691027	-60404	-1121601	*-113966
Electricity plants	-511121	-11345	..	-123923	-218597	-67985	-617717	584766	-60404	-1026326	-99303
CHP plants	-1418	-1344	..	-25289	-127235	-11715	..	106261	..	-60739	-10217
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-47890	56786	..	..	..	..	..	..	..	8896	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-20767	-12357	..	..	..	..	..	..	..	-33125	..
NGL plants & gas blending	..	10	..	..	..	..	..	..	..	10	..
Oil refineries	..	..	-2750811	2745038	..	..	..	..	..	-5774	..
Other transformation	..	..	..	-98	..	-4446	..	..	..	-4544	-4446
Energy industries own use	..	-7278	..	-210984	-108756	-30	..	-68256	..	-395303	-30
Losses	..	-8085	..	..	-4356	..	..	-95432	..	-107873	..
Final consumption	11577	15690	..	1711811	568391	209000	..	835337	12376	3364182	221275
Final energy consumption	11577	15690	..	1547968	550121	209000	..	835337	12376	3182067	221275
Manufacturing, const., mining	7442	15412	..	114883	288671	*56258	..	273798	107	756571	*56365
Iron and steel	1890	11252	..	3015	31181	1	..	45396	..	92736	1
Chemical and petrochemical	5032	1748	..	5721	73101	530	..	34214	7	120353	537
Non-ferrous metals	..	1286	..	2008	7895	..	..	34358	10	45557	10
Non-metallic minerals	284	..	..	54548	54695	131	..	21215	2	130874	133
Transport equipment	..	..	..	1660	4479	..	..	13151	9	19299	9
Machinery	..	..	..	5191	17023	..	..	17356	16	39586	16
Mining and quarrying	..	..	..	6764	4909	74	..	5184	1	16931	75
Food and tobacco	236	1125	..	12479	33073	369	..	39467	39	86788	408
Paper, pulp and printing	..	..	..	3666	23909	1081	..	21168	1	49824	1082
Wood and wood products	..	..	..	935	887	..	..	4075	..	5896	..
Textile and leather	..	..	..	1295	5643	..	..	6257	5	13200	5
Construction	..	..	..	15846	14028	258	..	7452	8	37592	266
Industries n.e.s	0	0	..	1756	17850	*53815	..	24505	9	97935	*53824
Transport	..	..	..	1181990	13722	40106	..	20095	..	1255913	40106
Road	..	..	..	1080373	12201	39996	..	878	..	1133449	39996
Rail	..	..	..	3698	..	..	..	9983	..	13681	..
Domestic aviation	..	..	..	76558	..	..	..	..	..	76558	..
Domestic navigation	..	..	..	18717	..	..	..	..	..	18717	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	2643	1521	110	..	9234	..	13508	110
Other	4135	278	..	251095	247727	112636	..	541444	12269	1169583	124804
Agriculture, forestry, fishing	..	..	..	77358	3172	3102	..	20977	262	104870	3364
Commerce, public services	..	10	..	44315	109646	4158	..	261014	2450	421594	6507
Households	3308	..	..	126905	126514	105341	..	252248	9557	623873	114898
Other consumers	827	268	..	2518	8395	35	..	7204	..	19246	35
Non-energy use	..	..	..	163844	18271	..	..	..	..	182115	..

Spain

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	30822	..	5964	..	2008	309024	633236	336136	73321	1390512	708632
Imports	333759	4984	2714583	886492	1180414	30989	..	78642	..	5229864	30989
Exports	-8871	-3671	..	-1037495	-145242	-47421	..	-51041	..	-1293740	-47421
International marine bunkers	..	..	..	-314974	..	..	..	..	..	-314974	..
International aviation bunkers	..	..	..	-175694	..	..	..	..	..	-175694	..
Stock changes	74681	-2813	28595	-14806	11184	5865	..	..	..	102706	5865
Total energy supply	430393	-1501	2749142	-656478	1048364	298457	633236	363737	73321	4938672	698065
Statistical difference	-29692	3805	0	-61433	712	-27	0	2369	0	-84266	356193
Transfers	..	..	..	4244	..	..	..	..	..	4244	..
Transformation	-448776	47092	-2749142	2590966	-338546	*-81607	-633236	640577	-60253	-1032927	*-112163
Electricity plants	-379168	-10029	..	-123671	-210412	*-66335	-633236	533066	-60253	-950038	-98366
CHP plants	-1166	..	..	-19529	-128134	*-10826	..	107510	..	-52145	*-9351
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-48945	67144	..	..	..	..	..	..	..	18198	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-19497	-10037	..	..	..	..	..	..	..	-29534	..
NGL plants & gas blending	..	14	..	..	..	..	..	..	..	14	..
Oil refineries	..	..	-2749142	2734285	..	..	..	..	..	-14857	..
Other transformation	..	..	..	-120	..	*-4446	..	..	..	*-4566	*-4446
Energy industries own use	..	-6980	..	-212630	-123382	-6	..	-68699	..	-411698	-6
Losses	..	-8571	..	..	-4158	..	..	-96192	..	-108921	..
Final consumption	11308	26235	..	1787534	581567	*216871	..	837054	13068	3473636	*229703
Final energy consumption	11308	24555	..	1599491	562933	*216871	..	837054	13068	3265279	*229703
Manufacturing, const., mining	7380	24273	..	119669	273436	*57915	..	280436	108	763218	*58023
Iron and steel	1428	22826	..	3057	26700	1	..	48596	..	102608	1
Chemical and petrochemical	5309	268	..	4196	67692	*3378	..	35140	7	115989	*3385
Non-ferrous metals	..	509	..	2397	11226	..	..	33599	10	47741	10
Non-metallic minerals	357	..	..	60037	47051	131	..	21326	2	128904	133
Transport equipment	..	..	..	1405	2591	..	..	15149	9	19154	9
Machinery	..	..	..	4729	17775	..	..	17165	16	39685	16
Mining and quarrying	..	..	..	6511	5548	74	..	6354	1	18488	75
Food and tobacco	286	670	..	14066	36131	381	..	40061	39	91632	420
Paper, pulp and printing	..	..	..	3430	21091	1078	..	20891	1	46490	1079
Wood and wood products	..	..	..	970	4398	..	..	4439	..	9807	..
Textile and leather	..	..	..	1435	7896	..	..	5983	5	15319	5
Construction	..	..	..	16023	16529	368	..	7297	8	40226	376
Industries n.e.s	0	0	..	1414	8809	*52505	..	24437	10	87175	*52515
Transport	..	..	..	1225235	14445	45576	..	19400	..	1304657	45576
Road	..	..	..	1108269	13343	45355	..	986	..	1167953	45355
Rail	..	..	..	3354	..	..	..	9360	..	12714	..
Domestic aviation	..	..	..	83306	..	..	..	..	..	83306	..
Domestic navigation	..	..	..	26275	..	37	..	..	..	26312	37
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	4031	1103	184	..	9054	..	14372	184
Other	3928	282	..	254586	275052	*113380	..	537217	12960	1197405	*126104
Agriculture, forestry, fishing	..	..	..	82778	3502	*3047	..	21542	262	111132	*3309
Commerce, public services	..	14	..	53336	125874	*4740	..	258844	2475	445283	*6979
Households	2976	..	..	116838	145395	*105558	..	250733	10223	631723	*115781
Other consumers	952	268	..	1633	281	35	..	6098	..	9267	35
Non-energy use	..	1680	..	188043	18634	..	..	..	..	208357	..

Sri Lanka

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	..	..	..	..	..	157833	..	22942	..	180776	180776
Imports	55143	..	70929	129841	..	..	..	..	..	255913	..
Exports	..	..	..	-8455	..	..	..	..	..	-8455	..
International marine bunkers	..	..	..	-14604	..	..	..	..	..	-14604	..
International aviation bunkers	..	..	..	-16343	..	..	..	..	..	-16343	..
Stock changes	*2494	..	647	31755	..	726	..	..	..	35622	726
Total energy supply	57637	..	71576	122193	..	158559	..	22942	..	432907	181501
Statistical difference	0	..	0	-2930	..	1	..	0	..	-2929	22943
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-55099	..	-71576	45702	..	-726	..	24673	..	-57026	-726
Electricity plants	-55099	..	..	-23068	..	-726	..	24673	..	-54220	-726
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-71576	68769	..	..	..	..	..	-2806	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	-693	..	..	..	-2019	..	-2712	..
Losses	..	..	..	..	..	..	..	-3330	..	-3330	..
Final consumption	2537	..	..	170132	..	157832	..	42267	..	372768	157832
Final energy consumption	2537	..	..	168785	..	157832	..	42267	..	371421	157832
Manufacturing, const., mining	2537	..	..	35409	..	58666	..	13968	..	110581	58666
Iron and steel	..	..	..	*283	..	..	..	..	..	*283	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	2537	..	..	35126	..	58666	..	13968	..	110298	58666
Transport	..	..	..	116920	..	..	..	..	..	116920	..
Road	..	..	..	115089	..	..	..	..	..	115089	..
Rail	..	..	..	1651	..	..	..	..	..	1651	..
Domestic aviation	..	..	..	119	..	..	..	..	..	119	..
Domestic navigation	..	..	..	4	..	..	..	..	..	4	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	57	..	..	..	..	..	57	..
Other	..	..	..	16456	..	99166	..	28299	..	143921	99166
Agriculture, forestry, fishing	..	..	..	12	..	..	..	..	..	12	..
Commerce, public services	..	..	..	..	..	..	..	12023	..	12023	..
Households	..	..	..	16444	..	99166	..	16001	..	131611	99166
Other consumers	..	..	..	..	..	..	..	275	..	275	..
Non-energy use	..	..	..	*1347	..	..	..	..	..	*1347	..

Sri Lanka

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	..	..	..	..	..	152512	..	16707	..	169219	169219
Imports	70474	..	71276	158245	..	..	..	..	..	299994	..
Exports	..	..	..	-3741	..	..	..	..	..	-3741	..
International marine bunkers	..	..	..	-23998	..	..	..	..	..	-23998	..
International aviation bunkers	..	..	..	-23082	..	..	..	..	..	-23082	..
Stock changes	-9458	..	2589	54795	..	911	..	..	..	48837	911
Total energy supply	61016	..	73864	162219	..	153424	..	16707	..	467230	170130
Statistical difference	0	..	0	-854	..	0	..	63	..	-791	16707
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-58733	..	-73864	32391	..	-911	..	34995	..	-66123	-911
Electricity plants	-58733	..	..	-37998	..	-911	..	34995	..	-62648	-911
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-73864	70390	..	..	..	..	..	-3475	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	-693	..	..	..	-2273	..	-2966	..
Losses	..	..	..	..	..	..	..	-3591	..	-3591	..
Final consumption	2283	..	..	*194772	..	152512	..	45774	..	395341	152512
Final energy consumption	2283	..	..	*191013	..	152512	..	45774	..	391582	152512
Manufacturing, const., mining	2283	..	..	*19677	..	58693	..	14936	..	95589	58693
Iron and steel	..	..	..	*283	..	..	..	..	..	*283	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	2283	..	..	*19395	..	58693	..	14936	..	95307	58693
Transport	..	..	..	*150529	..	..	..	..	..	*150529	..
Road	..	..	..	*148700	..	..	..	..	..	*148700	..
Rail	..	..	..	*1342	..	..	..	..	..	*1342	..
Domestic aviation	..	..	..	125	..	..	..	..	..	125	..
Domestic navigation	..	..	..	*310	..	..	..	..	..	*310	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	52	..	..	..	..	..	52	..
Other	..	..	..	20806	..	93820	..	30838	..	145464	93820
Agriculture, forestry, fishing	..	..	..	34	..	..	..	..	..	34	..
Commerce, public services	..	..	..	..	..	..	..	13101	..	13101	..
Households	..	..	..	20773	..	93820	..	17437	..	132029	93820
Other consumers	..	..	..	..	..	..	..	300	..	300	..
Non-energy use	..	..	..	*3759	..	..	..	..	..	*3759	..

St. Helena and Depend.

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	*5	..	8	13	13
Imports	..	*134	..	..	..	..	*134	..
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*134	..	*5	..	8	*147	13
Statistical Difference	..	*1	..	0	..	0	*1	8
Transfers
Transformation	..	-72	..	..	..	28	-44	..
Electricity plants	..	-72	..	..	..	28	-44	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	*4	*-4	..
Final consumption	..	*61	..	*5	..	32	*98	*5
Final energy consumption	..	*61	..	*5	..	32	*98	*5
Manufacturing, const., mining
Transport	..	*61	..	..	..	..	*61	..
Road	..	*61	..	..	..	..	*61	..
Domestic aviation
Domestic navigation
Other transport
Other	*5	..	32	38	*5
Agriculture, forestry, fishing
Commerce and public services	17	17	..
Households	*5	..	16	21	*5
Other consumers
Non-energy use
2016								
Primary production	*5	..	11	16	16
Imports	..	*134	..	..	..	..	*134	..
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*134	..	*5	..	11	*150	16
Statistical Difference	..	*2	..	0	..	0	*2	11
Transfers
Transformation	..	-67	..	..	..	27	-40	..
Electricity plants	..	-67	..	..	..	27	-40	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	*4	*-4	..
Final consumption	..	*65	..	*5	..	34	*104	*5
Final energy consumption	..	*65	..	*5	..	34	*104	*5
Manufacturing, const., mining
Transport	..	*65	..	..	..	..	*65	..
Road	..	*65	..	..	..	..	*65	..
Domestic aviation
Domestic navigation
Other transport
Other	*5	..	34	39	*5
Agriculture, forestry, fishing
Commerce and public services	17	17	..
Households	*5	..	17	22	*5
Other consumers
Non-energy use

St. Kitts-Nevis

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	0	..	*37	*37	*37
Imports	..	*3535	..	..	..	..	*3535	..
Exports
International marine bunkers
International aviation bunkers	..	*-219	..	..	..	..	*-219	..
Stock changes
Total energy supply	..	*3316	..	0	..	*37	*3353	*37
Statistical Difference	..	*50	..	0	0	0	*50	*37
Transfers
Transformation	..	*-2051	..	0	0	*774	*-1277	0
Electricity plants	..	*-2051	..	..	..	*774	*-1277	..
Charcoal plants	0	0	..	0	0
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*8	*-8	..
Losses	*-141	*-141	..
Final consumption	..	*1215	..	0	0	*662	*1877	0
Final energy consumption	..	*1194	..	0	0	*662	*1856	0
Manufacturing, const., mining	..	*58	..	..	..	*131	*189	..
Transport	..	*1002	..	..	..	..	*1002	..
Road	..	*1002	..	..	..	..	*1002	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*134	..	0	0	*530	*664	0
Agriculture, forestry, fishing	..	*4	..	..	..	..	*4	..
Commerce and public services	..	*50	..	..	..	*343	*393	..
Households	..	*80	..	0	0	*187	*267	0
Other consumers
Non-energy use	..	*21	..	..	..	..	*21	..
2016								
Primary production	0	..	*42	*42	*42
Imports	..	*3631	..	..	..	..	*3631	..
Exports
International marine bunkers
International aviation bunkers	..	*-219	..	..	..	..	*-219	..
Stock changes
Total energy supply	..	*3412	..	0	..	*42	*3454	*42
Statistical Difference	..	*49	..	0	0	0	*49	*42
Transfers
Transformation	..	*-2107	..	0	0	746	*-1361	0
Electricity plants	..	*-2107	..	..	..	746	*-1361	..
Charcoal plants	0	0	..	0	0
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-157	*-157	..
Final consumption	..	*1255	..	0	0	*630	*1886	0
Final energy consumption	..	*1234	..	0	0	*630	*1864	0
Manufacturing, const., mining	..	*58	..	..	..	*191	*249	..
Transport	..	*1033	..	..	..	..	*1033	..
Road	..	*1033	..	..	..	..	*1033	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*143	..	0	0	*439	*582	0
Agriculture, forestry, fishing	..	*4	..	..	..	..	*4	..
Commerce and public services	..	*50	..	..	..	*243	*293	..
Households	..	*89	..	0	0	*196	*285	0
Other consumers
Non-energy use	..	*21	..	..	..	..	*21	..

St. Lucia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	90	..	..	90	90
Imports	..	6193	..	..	..	..	6193	..
Exports
International marine bunkers	..	*-255	..	..	..	..	*-255	..
International aviation bunkers
Stock changes
Total energy supply	..	5938	..	90	..	..	6029	90
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	-3333	..	*-20	11	1373	-1970	*-9
Electricity plants	..	-3333	..	..	..	1373	-1961	..
Charcoal plants	*-20	11	..	*-9	*-9
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-49	-49	..
Losses	-108	-108	..
Final consumption	..	*2605	..	*71	*11	1215	*3901	*81
Final energy consumption	..	*2517	..	*71	*11	1215	*3813	*81
Manufacturing, const., mining	65	65	..
Transport	..	*2171	..	..	..	..	*2171	..
Road	..	*2171	..	..	..	..	*2171	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*346	..	*71	*11	1150	1577	*81
Agriculture, forestry, fishing
Commerce and public services	39	39	..
Households	..	*346	..	*71	*11	418	*845	*81
Other consumers	693	693	..
Non-energy use	..	*88	..	..	..	..	*88	..
2016								
Primary production	89	..	..	89	89
Imports	..	6260	..	..	..	..	6260	..
Exports
International marine bunkers	..	*-256	..	..	..	..	*-256	..
International aviation bunkers
Stock changes
Total energy supply	..	6004	..	89	..	..	6093	89
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	-3389	..	*-19	10	1409	-1989	*-9
Electricity plants	..	-3389	..	..	..	1409	-1980	..
Charcoal plants	*-19	10	..	*-9	*-9
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-50	-50	..
Losses	-106	-106	..
Final consumption	..	*2616	..	*70	*10	1254	*3949	*80
Final energy consumption	..	*2527	..	*70	*10	1254	*3861	*80
Manufacturing, const., mining	67	67	..
Transport	..	*2180	..	..	..	..	*2180	..
Road	..	*2180	..	..	..	..	*2180	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*347	..	*70	*10	1187	1614	*80
Agriculture, forestry, fishing
Commerce and public services	39	39	..
Households	..	*347	..	*70	*10	446	873	*80
Other consumers	702	702	..
Non-energy use	..	*89	..	..	..	..	*89	..

St. Pierre-Miquelon

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	5	..	0	5	5
Imports	..	*1347	..	..	..	..	*1347	..
Exports
International marine bunkers	..	*-258	..	..	..	..	*-258	..
International aviation bunkers
Stock changes
Total energy supply	..	*1089	..	5	..	0	*1095	5
Statistical Difference	..	0	..	0	..	0	0	0
Transfers
Transformation	..	*-516	..	..	..	175	*-341	..
Electricity plants	..	*-516	..	..	..	175	*-341	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	-15	-15	..
Final consumption	..	*573	..	*5	..	160	*739	*5
Final energy consumption	..	*573	..	*5	..	160	*739	*5
Manufacturing, const., mining
Transport	..	*529	..	..	..	..	*529	..
Road	..	*142	..	..	..	..	*142	..
Domestic aviation
Domestic navigation
Other transport	..	*387	..	..	..	..	*387	..
Other	..	*44	..	*5	..	160	210	*5
Agriculture, forestry, fishing
Commerce and public services	30	30	..
Households	..	*44	..	*5	..	131	180	*5
Other consumers
Non-energy use
2016								
Primary production	5	..	0	5	5
Imports	..	*1347	..	..	..	..	*1347	..
Exports
International marine bunkers	..	*-258	..	..	..	..	*-258	..
International aviation bunkers
Stock changes
Total energy supply	..	*1089	..	5	..	0	*1095	5
Statistical Difference	..	0	..	0	..	0	0	0
Transfers
Transformation	..	*-516	..	..	..	176	*-340	..
Electricity plants	..	*-516	..	..	..	176	*-340	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	-14	-14	..
Final consumption	..	*573	..	*5	..	161	*740	*5
Final energy consumption	..	*573	..	*5	..	161	*740	*5
Manufacturing, const., mining
Transport	..	*529	..	..	..	..	*529	..
Road	..	*142	..	..	..	..	*142	..
Domestic aviation
Domestic navigation
Other transport	..	*387	..	..	..	..	*387	..
Other	..	*44	..	*5	..	161	211	*5
Agriculture, forestry, fishing
Commerce and public services	36	36	..
Households	..	*44	..	*5	..	126	175	*5
Other consumers
Non-energy use

St. Vincent-Grenadines

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	66	..	94	159	159
Imports	..	*3196	..	..	0	..	*3196	0
Exports	0	..	0	0
International marine bunkers
International aviation bunkers	..	*-2	..	..	..	..	*-2	..
Stock changes
Total energy supply	..	*3194	..	66	0	94	*3353	159
Statistical Difference	..	*-9	..	0	0	0	*-9	94
Transfers
Transformation	..	*-1333	..	*-20	11	*504	*-838	*-9
Electricity plants	..	*-1333	..	..	..	*504	*-829	..
Charcoal plants	*-20	11	..	*-9	*-9
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-14	*-14	..
Losses	*-43	*-43	..
Final consumption	..	*1870	..	*46	*11	*540	*2466	*56
Final energy consumption	..	*1831	..	*46	*11	*540	*2428	*56
Manufacturing, const., mining	*29	*29	..
Transport	..	*1500	..	..	..	..	*1500	..
Road	..	*718	..	..	..	..	*718	..
Domestic aviation
Domestic navigation
Other transport	..	*783	..	..	..	..	*783	..
Other	..	*331	..	*46	*11	*511	*899	*56
Agriculture, forestry, fishing
Commerce and public services	*248	*248	..
Households	..	*331	..	*46	*11	*263	*650	*56
Other consumers
Non-energy use	..	*38	..	..	..	..	*38	..
2016								
Primary production	66	..	*94	*159	*159
Imports	..	*3176	..	..	0	..	*3176	0
Exports	0	..	0	0
International marine bunkers
International aviation bunkers	..	*-2	..	..	..	..	*-2	..
Stock changes
Total energy supply	..	*3174	..	66	0	*94	*3333	*159
Statistical Difference	..	0	..	0	0	*-63	*-63	*94
Transfers
Transformation	..	*-1226	..	*-20	11	*396	*-839	*-9
Electricity plants	..	*-1226	..	..	..	*396	*-830	..
Charcoal plants	*-20	11	..	*-9	*-9
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	-34	-34	..
Final consumption	..	*1948	..	*46	*11	*518	*2523	*56
Final energy consumption	..	*1910	..	*46	*11	*518	*2485	*56
Manufacturing, const., mining	*25	*25	..
Transport	..	*1574	..	..	..	..	*1574	..
Road	..	*753	..	..	..	..	*753	..
Domestic aviation
Domestic navigation
Other transport	..	*821	..	..	..	..	*821	..
Other	..	*336	..	*46	*11	*493	*886	*56
Agriculture, forestry, fishing
Commerce and public services	*234	*234	..
Households	..	*336	..	*46	*11	*259	*652	*56
Other consumers
Non-energy use	..	*38	..	..	..	..	*38	..

State of Palestine

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	3760	..	5393	9153	9153
Imports	..	43581	..	256	..	19487	63324	256
Exports	..	-4	..	-10	..	..	-14	-10
International marine bunkers
International aviation bunkers
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	..	43577	..	4006	..	24880	72464	9399
Statistical Difference	..	4	..	1	..	0	5	5394
Transfers
Transformation	..	-4382	..	..	..	1853	-2529	..
Electricity plants	..	-4382	..	..	..	1853	-2529	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	..	-144	..	..	..	-5257	-5401	..
Final consumption	..	39047	..	4005	..	21476	64528	4005
Final energy consumption	..	38529	..	4005	..	21476	64009	4005
Manufacturing, const., mining	..	1159	..	*145	..	2074	3378	*145
Transport	..	28986	..	..	..	..	28986	..
Road	..	28986	..	..	..	..	28986	..
Domestic aviation
Domestic navigation
Other transport
Other	..	8384	..	3860	..	19401	31646	3860
Agriculture, forestry, fishing	..	684	..	0	..	142	826	0
Commerce and public services	..	849	..	15	..	4778	5641	15
Households	..	6851	..	3846	..	14482	25178	3846
Other consumers
Non-energy use	..	519	..	..	..	..	519	..
2016								
Primary production	4024	..	5485	9510	9510
Imports	..	47572	..	50	..	19704	67326	50
Exports	..	-8	..	-6	..	..	-14	-6
International marine bunkers
International aviation bunkers
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	..	47564	..	4068	..	25189	76821	9553
Statistical Difference	..	0	..	0	..	0	0	5485
Transfers
Transformation	..	-4497	..	..	..	1934	-2563	..
Electricity plants	..	-4497	..	..	..	1934	-2563	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	..	-153	..	..	..	-5339	-5492	..
Final consumption	..	42915	..	4068	..	21783	68766	4068
Final energy consumption	..	41713	..	4068	..	21783	67564	4068
Manufacturing, const., mining	..	998	..	193	..	2102	3294	193
Transport	..	31986	..	..	..	..	31986	..
Road	..	31986	..	..	..	..	31986	..
Domestic aviation
Domestic navigation
Other transport
Other	..	8728	..	3875	..	19681	32285	3875
Agriculture, forestry, fishing	..	600	..	0	..	124	725	0
Commerce and public services	..	1174	..	36	..	4962	6171	36
Households	..	6954	..	3839	..	14596	25389	3839
Other consumers
Non-energy use	..	1202	..	..	..	..	1202	..

Sudan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	222075	..	..	405496	..	30312	..	657883	435808
Imports	19966	70806	..	..	..	..	..	90771	..
Exports	-41327	-1667	..	..	..	..	..	-42994	..
International marine bunkers	-903	..	..	..	..	..	-903	..
International aviation bunkers	-9967	..	..	..	..	..	-9967	..
Stock changes	0	..	..	..	..	..	0	..
Total energy supply	200713	58269	..	405496	..	30312	..	694791	435808
Statistical difference	33671	-4404	..	0	..	0	..	29267	30312
Transfers
Transformation	-167043	106321	..	-152898	..	16657	..	-196962	-152898
Electricity plants	-19966	-32645	..	..	..	16657	..	-35953	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-147077	138966	..	..	..	..	..	-8111	..
Other transformation	-152898	..	..	..	-152898	-152898
Energy industries own use	-2347	..	..	..	-169	..	-2516	..
Losses	-6674	..	-6674	..
Final consumption	166647	..	252599	..	40126	..	459371	252599
Final energy consumption	156537	..	252599	..	40126	..	449261	252599
Manufacturing, const., mining	18048	..	34453	..	5443	..	57944	34453
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	910	..	..	..	..	..	910	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	5298	..	..	..	..	..	5298	..
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	1444	..	..	..	..	..	1444	..
Industries n.e.s	10396	..	34453	..	5443	..	50292	34453
Transport	114566	..	..	..	..	..	114566	..
Road	113663	..	..	..	..	..	113663	..
Rail	817	..	..	..	..	..	817	..
Domestic aviation
Domestic navigation	86	..	..	..	..	..	86	..
Pipeline transport
Transport, n.e.s
Other	23923	..	218146	..	34682	..	276751	218146
Agriculture, forestry, fishing	1892	..	..	..	2038	..	3930	..
Commerce, public services	5865	..	*50209	..	11142	..	*67216	*50209
Households	8835	..	167937	..	21503	..	198274	167937
Other consumers	7332	..	..	..	..	..	7332	..
Non-energy use	10110	..	..	..	..	..	10110	..

Sudan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	215688	..	..	483116	..	28984	..	727787	512100
Imports	46657	53118	..	..	..	..	..	99775	..
Exports	-40143	-2153	..	..	..	..	..	-42296	..
International marine bunkers	-989	..	..	..	..	..	-989	..
International aviation bunkers	-12436	..	..	..	..	..	-12436	..
Stock changes	0	..	..	..	..	..	0	..
Total energy supply	222202	37540	..	483116	..	28984	..	771841	512100
Statistical difference	-14890	1816	..	0	..	0	..	-13073	28984
Transfers
Transformation	-237091	151152	..	-196834	..	22961	..	-259812	-196834
Electricity plants	-46657	-34600	..	..	..	22961	..	-58296	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-190435	185752	..	..	..	..	..	-4683	..
Other transformation	-196834	..	..	..	-196834	-196834
Energy industries own use	-2304	..	..	..	-191	..	-2494	..
Losses	-6703	..	-6703	..
Final consumption	184572	..	286283	..	45050	..	515905	286283
Final energy consumption	173670	..	286283	..	45050	..	505003	286283
Manufacturing, const., mining	18425	..	30971	..	6458	..	55854	30971
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	869	..	..	..	..	..	869	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	5089	..	..	..	..	..	5089	..
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	1401	..	..	..	..	..	1401	..
Industries n.e.s	11066	..	30971	..	6458	..	48495	30971
Transport	130213	..	..	..	..	..	130213	..
Road	129353	..	..	..	..	..	129353	..
Rail	774	..	..	..	..	..	774	..
Domestic aviation
Domestic navigation	86	..	..	..	..	..	86	..
Pipeline transport
Transport, n.e.s
Other	25032	..	255312	..	38592	..	318936	255312
Agriculture, forestry, fishing	1806	..	..	..	2588	..	4394	..
Commerce, public services	6379	..	60171	..	11909	..	78458	60171
Households	8807	..	195142	..	24095	..	228043	195142
Other consumers	8041	..	..	..	..	..	8041	..
Non-energy use	10901	..	..	..	..	..	10901	..

Suriname

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	35764	..	137	2040	..	2542	..	40483	4582
Imports	1733	21476	..	47	..	..	..	23257	47
Exports	-30897	..	..	..	..	..	-30897	..
International marine bunkers	*-1360	..	..	..	..	..	*-1360	..
International aviation bunkers	*-1936	..	..	..	..	..	*-1936	..
Stock changes	-127	..	..	..	..	..	..	-127	..
Total energy supply	37371	-12717	137	2087	..	2542	..	29419	4629
Statistical difference	890	-9379	0	0	..	-2	..	-8491	2542
Transfers	-18876	18028	..	..	..	..	..	-848	..
Transformation	-16758	513	-137	..	..	4960	..	-11422	..
Electricity plants	-14619	-137	..	..	4960	..	-9795	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-16758	16067	..	..	..	..	..	-691	..
Other transformation	-936	..	..	..	..	..	-936	..
Energy industries own use	-847	-141	..	..	..	-253	..	-1242	..
Losses	-29	..	..	..	-870	..	-899	..
Final consumption	15032	..	2087	..	6380	..	23499	2087
Final energy consumption	14852	..	2087	..	6380	..	23319	2087
Manufacturing, const., mining	969	..	1013	..	2576	..	4557	1013
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	710	..	710	..
Transport equipment
Machinery
Mining and quarrying	851	..	851	..
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	405	..	..	..	..	..	405	..
Industries n.e.s	564	..	1013	..	1016	..	2592	1013
Transport	8310	..	..	..	..	..	8310	..
Road	*2040	..	..	..	..	..	*2040	..
Rail
Domestic aviation	*215	..	..	..	..	..	*215	..
Domestic navigation
Pipeline transport
Transport, n.e.s	6055	..	..	..	..	..	6055	..
Other	5573	..	1075	..	3804	..	10452	1075
Agriculture, forestry, fishing	4558	..	..	..	..	..	4558	..
Commerce, public services	380	..	19	..	1324	..	1723	19
Households	635	..	1055	..	2377	..	4067	1055
Other consumers	103	..	103	..
Non-energy use	*180	..	..	..	..	..	*180	..

Suriname

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	34672	..	123	1649	..	2834	..	39278	4483
Imports	1733	19236	..	43	..	..	..	21013	43
Exports	-27675	..	..	..	..	..	-27675	..
International marine bunkers	*-1218	..	..	..	..	..	*-1218	..
International aviation bunkers	*-1734	..	..	..	..	..	*-1734	..
Stock changes	-499	..	..	..	..	..	..	-499	..
Total energy supply	35906	-11391	123	1692	..	2834	..	29164	4526
Statistical difference	1387	-6900	0	0	..	0	..	-5513	2834
Transfers	-10951	10460	..	..	..	..	..	-492	..
Transformation	-21901	7653	-123	..	..	4461	..	-9910	..
Electricity plants	-13094	-123	..	..	4461	..	-8755	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-21901	21585	..	..	..	..	..	-316	..
Other transformation	-838	..	..	..	..	..	-838	..
Energy industries own use	-1667	-127	..	..	..	-122	..	-1915	..
Losses	-26	..	..	..	-780	..	-805	..
Final consumption	13469	..	1692	..	6394	..	21555	1692
Final energy consumption	13303	..	1692	..	6394	..	21388	1692
Manufacturing, const., mining	868	..	879	..	*3079	..	*4826	879
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	*844	..	*844	..
Transport equipment
Machinery
Mining and quarrying	*1027	..	*1027	..
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	363	..	..	..	..	..	363	..
Industries n.e.s	505	..	879	..	*1207	..	*2591	879
Transport	7443	..	..	..	..	..	7443	..
Road	*1827	..	..	..	..	..	*1827	..
Rail
Domestic aviation	*193	..	..	..	..	..	*193	..
Domestic navigation
Pipeline transport
Transport, n.e.s	5423	..	..	..	..	..	5423	..
Other	4992	..	813	..	3315	..	9120	813
Agriculture, forestry, fishing	4174	..	..	..	..	..	4174	..
Commerce, public services	249	..	17	..	1186	..	1452	17
Households	568	..	796	..	2129	..	3493	796
Other consumers	0	..	0	..
Non-energy use	*166	..	..	..	..	..	*166	..

Sweden

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	4613	..	..	..	..	463903	608558	330037	472	1407583	761970
Imports	81623	2443	850653	341999	30296	34761	..	33458	..	1375233	34761
Exports	0	-2274	..	-644666	..	-3390	..	-114818	..	-765149	-3390
International marine bunkers	..	..	..	-76470	..	..	..	..	..	-76470	..
International aviation bunkers	..	..	..	-31752	..	..	..	..	..	-31752	..
Stock changes	318	1825	655	-22832	..	-1511	..	..	..	-21545	-1511
Total energy supply	86553	1994	851308	-433721	30296	493763	608558	248677	472	1887900	791830
Statistical difference	4359	-73	6112	-45646	-5705	-767	0	0	0	-41721	329270
Transfers	..	..	..	4961	..	..	..	..	..	4961	..
Transformation	-66935	21478	-845196	827697	-7926	*-223339	-608558	245131	183455	-474194	*-190897
Electricity plants	..	..	..	-250	..	..	-608558	202936	..	-405873	..
CHP plants	-12696	-7829	..	-2632	-7274	*-184605	..	49979	127123	-37934	*-154413
Heat plants	-1069	-623	..	-1138	-360	*-38734	..	-7783	56332	6625	*-36484
Coke ovens	-45636	42441	..	..	..	..	..	..	..	-3195	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	-293	..	..	..	..	-293	..
Blast furnaces	-7534	-14373	..	..	..	..	..	..	..	-21906	..
NGL plants & gas blending	..	320	..	..	..	..	..	..	..	320	..
Oil refineries	..	..	-845196	831716	..	..	..	..	..	-13480	..
Other transformation	..	1542	..	..	..	..	..	..	..	1542	..
Energy industries own use	..	-4934	..	-41114	-176	-713	..	-21830	0	-68767	-713
Losses	..	-1297	..	..	..	..	..	-22486	-7915	-31698	..
Final consumption	15260	17314	..	403469	27899	*270478	..	449492	176012	1359924	*270950
Final energy consumption	15260	16780	..	333387	23799	*270478	..	449492	176012	1285208	*270950
Manufacturing, const., mining	15260	16558	..	35062	16891	*179158	..	181012	20189	464130	*179158
Iron and steel	1818	15834	..	8243	3339	..	..	15836	..	45070	..
Chemical and petrochemical	126	..	..	4727	6593	*502	..	15840	..	27787	*502
Non-ferrous metals	1443	..	..	1258	272	..	..	10404	..	13377	..
Non-metallic minerals	7216	477	..	2260	1924	..	..	3409	..	15287	..
Transport equipment	..	..	..	1036	8	..	..	6948	..	7992	..
Machinery	..	..	..	1791	582	..	..	12172	..	14544	..
Mining and quarrying	4301	228	..	4434	175	..	..	12708	..	21846	..
Food and tobacco	..	..	..	2520	3127	*754	..	8694	..	15094	*754
Paper, pulp and printing	355	..	..	6806	694	*162193	..	73714	..	*243762	*162193
Wood and wood products	..	..	..	1416	4	*14955	..	6764	..	*23139	*14955
Textile and leather	..	..	..	138	102	..	..	713	..	952	..
Construction	..	..	..	..	..	..	..	4363	..	4363	..
Industries n.e.s	0	19	..	434	73	*754	..	9446	20189	30916	*754
Transport	..	..	..	281991	1442	43744	..	9342	..	336518	43744
Road	..	..	..	273432	1442	43744	..	..	..	318617	43744
Rail	..	..	..	86	..	..	..	9342	..	9428	..
Domestic aviation	..	..	..	5689	..	..	..	..	..	5689	..
Domestic navigation	..	..	..	2783	..	..	..	..	..	2783	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	222	..	16334	5466	*47576	..	259139	155823	484560	*48048
Agriculture, forestry, fishing	..	..	..	4509	343	*5784	..	4536	300	15472	*5784
Commerce, public services	..	104	..	10579	3977	*1688	..	99850	51544	167741	*1688
Households	..	118	..	1247	1146	*40104	..	154753	103979	301347	*40576
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	534	..	70082	4100	..	..	..	..	74716	..

Sweden

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	5300	..	..	..	..	479465	681491	279504	468	1446228	725196
Imports	91000	2892	833295	466777	34258	48047	..	51433	..	1527702	48047
Exports	0	-786	..	-715309	..	-10556	..	-93679	..	-820330	-10556
International marine bunkers	..	..	..	-83871	..	..	..	..	..	-83871	..
International aviation bunkers	..	..	..	-35280	..	..	..	..	..	-35280	..
Stock changes	-12433	449	1808	21994	..	-258	..	..	..	11561	-258
Total energy supply	83867	2555	835103	-345689	34258	516699	681491	237258	468	2046010	762430
Statistical difference	2359	691	335	-786	-2	-5008	0	0	0	-2411	274496
Transfers	..	..	..	5199	..	..	..	..	..	5199	..
Transformation	-66933	22034	-834768	807742	-10877	*-239582	-681491	273110	193429	-537335	*-205341
Electricity plants	..	..	..	-250	..	-1	-681491	227246	..	-454496	-1
CHP plants	-10228	-8030	..	-4727	-10306	*-198421	..	54457	136746	-40509	*-166781
Heat plants	-1004	-624	..	-1933	-282	*-41160	..	-8593	56683	3087	*-38560
Coke ovens	-44578	42020	..	..	..	..	..	..	..	-2558	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	-289	..	..	..	..	-289	..
Blast furnaces	-11123	-13604	..	..	..	..	..	..	..	-24727	..
NGL plants & gas blending	..	322	..	..	..	..	..	..	..	322	..
Oil refineries	..	..	-834768	814652	..	..	..	..	..	-20117	..
Other transformation	..	1951	..	..	..	..	..	..	..	1951	..
Energy industries own use	..	-4564	..	-39873	-256	-662	..	-23933	0	-69288	-662
Losses	..	-2500	..	..	..	..	..	-27450	-7945	-37895	..
Final consumption	14576	16834	..	428164	23127	*281462	..	458986	185952	1409102	*281930
Final energy consumption	14576	16245	..	341260	19128	*281462	..	458986	185952	1317609	*281930
Manufacturing, const., mining	14576	16020	..	34792	12133	*178727	..	181040	20988	458276	*178727
Iron and steel	2213	15020	..	8391	996	..	..	15793	..	42414	..
Chemical and petrochemical	113	..	..	4299	4450	*419	..	16585	..	25865	*419
Non-ferrous metals	1398	..	..	1430	282	..	..	10566	..	13675	..
Non-metallic minerals	6056	562	..	2345	1609	..	..	3550	..	14122	..
Transport equipment	..	..	..	1045	325	..	..	6977	..	8347	..
Machinery	..	..	..	1696	552	..	..	11794	..	14041	..
Mining and quarrying	4484	420	..	4601	..	..	..	13003	..	22508	..
Food and tobacco	..	..	..	2317	3445	*921	..	8672	..	15355	*921
Paper, pulp and printing	312	..	..	6681	320	*160269	..	72504	..	*240085	*160269
Wood and wood products	..	..	..	1416	4	*16035	..	6736	..	*24191	*16035
Textile and leather	..	..	..	181	94	36	..	734	..	1045	36
Construction	..	..	..	..	..	..	..	4813	..	4813	..
Industries n.e.s	0	18	..	391	58	*1047	..	9313	20988	31815	*1047
Transport	..	..	..	287025	1373	54291	..	9590	..	352279	54291
Road	..	..	..	277256	1373	54291	..	..	..	332920	54291
Rail	..	..	..	86	..	..	..	9590	..	9676	..
Domestic aviation	..	..	..	7630	..	..	..	..	..	7630	..
Domestic navigation	..	..	..	2054	..	..	..	..	..	2054	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	225	..	19443	5622	*48444	..	268355	164964	507054	*48912
Agriculture, forestry, fishing	..	..	..	3659	347	*5447	..	4648	300	14401	*5447
Commerce, public services	..	108	..	14838	4010	*2749	..	103439	55076	180219	*2749
Households	..	117	..	946	1265	*40248	..	160268	109588	312433	*40716
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	590	..	86904	4000	..	..	..	..	91493	..

Switzerland

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	..	..	..	..	..	99530	250461	142153	16757	508901	224991
Imports	5053	383	118945	343238	119420	3931	..	122519	..	713489	3931
Exports	..	..	..	-17505	..	-110	..	-126245	..	-143860	-110
International marine bunkers	..	..	..	-258	..	..	..	..	..	-258	..
International aviation bunkers	..	..	..	-69678	..	..	..	..	..	-69678	..
Stock changes	-22	..	821	14495	..	0	..	..	..	15294	0
Total energy supply	5032	383	119767	270292	119420	103351	250461	138427	16757	1023889	228812
Statistical difference	0	0	-12	1738	0	27	0	0	0	1752	142180
Transfers	..	..	..	-4	..	..	..	..	..	-4	..
Transformation	..	..	-119779	121082	-7074	-51497	-250461	95767	20385	-191577	-29200
Electricity plants	..	..	..	-129	..	-14	-249361	83167	..	-166337	-14
CHP plants	..	..	..	-262	-4175	-50633	-1100	12629	16905	-26637	-28336
Heat plants	..	..	..	-129	-3749	..	..	-29	3480	-426	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	850	-850	..	..	..	0	-850
Oil refineries	..	..	-119779	121688	..	..	..	..	..	1909	..
Other transformation	..	..	..	-86	..	..	..	..	..	-86	..
Energy industries own use	..	..	..	-7021	-120	..	..	-8057	0	-15197	..
Losses	..	..	..	..	-268	..	..	-16477	-1760	-18505	..
Final consumption	5032	383	..	382612	111958	51827	..	209660	35382	796853	57432
Final energy consumption	5032	383	..	362180	111958	51827	..	209660	35382	776421	57432
Manufacturing, const., mining	4828	383	..	13956	39030	19089	..	64760	8323	150368	10849
Iron and steel	383	77	..	129	3347	121	..	4957	..	9013	121
Chemical and petrochemical	..	..	..	1161	11255	3881	..	11473	1129	28899	..
Non-ferrous metals	..	..	..	126	1646	..	..	1656	71	3500	..
Non-metallic minerals	4394	281	..	1490	3909	4585	..	3784	..	18442	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	3612	4164	177	..	15113	398	23464	161
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	51	26	..	2537	8142	148	..	9223	244	20371	25
Paper, pulp and printing	..	..	..	427	3166	1931	..	6912	2149	14586	1297
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	430	660	67	..	878	11	2046	67
Construction	..	..	..	2451	606	2808	..	1822	21	7707	2808
Industries n.e.s	0	0	..	1592	2136	5371	..	8942	4300	22341	6370
Transport	..	..	..	227323	1378	2025	..	11290	..	242015	2025
Road	..	..	..	223945	625	2025	..	..	..	226594	2025
Rail	..	..	..	430	..	..	..	11290	..	11720	..
Domestic aviation	..	..	..	2603	..	..	..	..	..	2603	..
Domestic navigation	..	..	..	345	..	..	..	..	..	345	..
Pipeline transport	..	..	..	..	753	..	..	..	..	753	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	204	..	..	120901	71550	30713	..	133610	27059	384038	44558
Agriculture, forestry, fishing	..	..	..	0	378	772	..	3550	71	4771	843
Commerce, public services	..	..	..	33967	25310	11363	..	62521	6151	139312	11632
Households	204	..	..	79722	45862	18578	..	67540	20837	232743	32083
Other consumers	..	..	..	7212	..	..	..	..	..	7212	..
Non-energy use	..	..	..	20432	..	..	..	..	..	20432	..

Switzerland

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	..	..	..	..	..	105446	229707	129838	18379	483369	218797
Imports	4337	408	125019	336163	125456	5194	..	122746	..	719323	5194
Exports	..	..	-677	-19271	..	-314	..	-108623	..	-128885	-314
International marine bunkers	..	..	..	-215	..	..	..	..	..	-215	..
International aviation bunkers	..	..	..	-72897	..	..	..	..	..	-72897	..
Stock changes	31	..	647	-3377	..	-100	..	..	..	-2800	-100
Total energy supply	4369	408	124989	240402	125456	110225	229707	143960	18379	997894	223576
Statistical difference	0	0	-72	-20802	0	0	0	0	0	-20875	129838
Transfers	..	..	..	0	..	..	..	..	..	0	..
Transformation	..	..	-125061	128158	-8385	-54094	-229707	90126	21945	-177018	-30978
Electricity plants	..	..	..	-86	..	-6	-228377	76165	..	-152304	-6
CHP plants	..	..	..	-219	-6011	-53088	-1330	13993	18759	-27896	-29972
Heat plants	..	..	..	-172	-3372	..	..	-32	3186	-391	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	998	-1000	..	..	..	-2	-1000
Oil refineries	..	..	-125061	128764	..	..	..	..	..	3703	..
Other transformation	..	..	..	-129	..	..	..	..	..	-129	..
Energy industries own use	..	..	..	-6331	-126	..	..	-8374	0	-14831	..
Losses	..	..	..	..	-270	..	..	-16085	-1830	-18185	..
Final consumption	4369	408	..	383031	116674	56131	..	209628	38494	808735	62761
Final energy consumption	4369	408	..	365328	116674	56131	..	209628	38494	791032	62761
Manufacturing, const., mining	4165	408	..	14928	39691	20204	..	63940	8410	151745	11595
Iron and steel	306	102	..	129	3290	129	..	5022	..	8978	129
Chemical and petrochemical	..	..	..	903	13399	3876	..	10753	1281	30212	..
Non-ferrous metals	..	..	..	86	1580	..	..	1613	3	3281	..
Non-metallic minerals	3833	281	..	2457	3925	5191	..	4122	..	19809	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	3956	4309	172	..	15304	486	24227	172
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	26	26	..	2537	7671	158	..	9158	248	19823	27
Paper, pulp and printing	..	..	..	430	2605	1909	..	6325	2508	13777	1382
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	387	664	71	..	662	11	1796	71
Construction	..	..	..	2193	690	2993	..	1922	20	7819	2993
Industries n.e.s	0	0	..	1850	1559	5705	..	9058	3853	22024	6821
Transport	..	..	..	225630	936	3417	..	11520	..	241503	3417
Road	..	..	..	222032	598	3417	..	..	..	226047	3417
Rail	..	..	..	430	..	..	..	11520	..	11950	..
Domestic aviation	..	..	..	2823	..	..	..	..	..	2823	..
Domestic navigation	..	..	..	345	..	..	..	..	..	345	..
Pipeline transport	..	..	..	..	338	..	..	..	..	338	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	204	..	..	124770	76047	32510	..	134168	30084	397783	47749
Agriculture, forestry, fishing	..	..	..	0	358	821	..	3510	78	4767	899
Commerce, public services	..	..	..	34916	26932	11886	..	61978	7455	143166	12234
Households	204	..	..	81614	48758	19803	..	68681	22551	241610	34616
Other consumers	..	..	..	8240	..	..	..	..	..	8240	..
Non-energy use	..	..	..	17703	..	..	..	..	..	17703	..

Syrian Arab Republic

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	48789	..	145899	238	..	1487	..	196413	1725
Imports	..	28	185401	71374	..	..	..	..	..	256803	..
Exports	-24874	..	..	..	-943	..	-25817	..
International marine bunkers	-7431	..	..	..	..	..	-7431	..
International aviation bunkers	-706	..	..	..	..	..	-706	..
Stock changes
Total energy supply	..	28	234190	38363	145899	238	..	544	..	419262	1725
Statistical difference	..	0	0	0	-50	0	..	0	..	-49	1487
Transfers
Transformation	..	-22	-234190	172792	-119397	-19	..	62885	..	-117951	-19
Electricity plants	-58189	-119397	..	..	62885	..	-114701	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces	..	-22	..	..	..	..	..	..	..	-22	..
NGL plants & gas blending	-3359	3595	..	..	..	..	..	236	..
Oil refineries	-230831	227386	..	..	..	..	..	-3445	..
Other transformation	-19	..	..	..	-19	-19
Energy industries own use	-6801	-2183	..	..	-7355	..	-16339	..
Losses	-9400	..	-9400	..
Final consumption	..	6	..	204354	24368	219	..	46674	..	275622	219
Final energy consumption	..	6	..	192812	8600	219	..	46674	..	248312	219
Manufacturing, const., mining	..	6	..	40471	8600	..	..	15696	..	64773	..
Iron and steel	..	6	..	..	..	..	..	..	..	6	..
Chemical and petrochemical	8600	..	..	..	..	8600	..
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	..	0	..	40471	0	..	..	15696	..	56167	..
Transport	88461	..	..	..	..	..	88461	..
Road	87094	..	..	..	..	..	87094	..
Rail
Domestic aviation	1367	..	..	..	..	..	1367	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	63880	..	219	..	30978	..	95078	219
Agriculture, forestry, fishing	10707	..	..	..	..	..	10707	..
Commerce, public services	7396	..	..	..	4853	..	12249	..
Households	34384	..	..	..	21348	..	55732	..
Other consumers	11393	..	219	..	4777	..	16390	219
Non-energy use	11542	15768	..	..	..	..	27310	..

Syrian Arab Republic

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	46378	..	127238	236	..	3344	..	177196	3580
Imports	..	28	214588	61498	..	..	..	..	..	276114	..
Exports	-27981	..	..	..	-241	..	-28222	..
International marine bunkers	-6660	..	..	..	..	..	-6660	..
International aviation bunkers	-706	..	..	..	..	..	-706	..
Stock changes
Total energy supply	..	28	260966	26152	127238	236	..	3103	..	417723	3580
Statistical difference	..	0	0	2747	-43	0	..	0	..	2704	3345
Transfers
Transformation	..	-22	-260966	183911	-104125	-25	..	61859	..	-119369	-25
Electricity plants	-73523	-104125	..	..	61859	..	-115788	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces	..	-22	..	..	..	..	..	..	..	-22	..
NGL plants & gas blending	-3359	3595	..	..	..	..	..	236	..
Oil refineries	-257607	253839	..	..	..	..	..	-3768	..
Other transformation	-25	..	..	..	-25	-25
Energy industries own use	-7570	-1904	..	..	-7452	..	-16926	..
Losses	-10231	..	-10231	..
Final consumption	..	6	..	199746	21252	*211	..	47279	..	268493	*211
Final energy consumption	..	6	..	187038	7501	*211	..	47279	..	242034	*211
Manufacturing, const., mining	..	6	..	40718	7501	..	..	15901	..	64126	..
Iron and steel	..	6	..	..	..	..	..	..	..	6	..
Chemical and petrochemical	7501	..	..	..	..	7501	..
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	..	0	..	40718	0	..	..	15901	..	56620	..
Transport	89028	..	..	..	..	..	89028	..
Road	87661	..	..	..	..	..	87661	..
Rail
Domestic aviation	1367	..	..	..	..	..	1367	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	57292	..	*211	..	31378	..	88880	*211
Agriculture, forestry, fishing	10793	..	..	..	..	..	10793	..
Commerce, public services	7439	..	..	..	4914	..	12353	..
Households	34656	21625	..	56281	..
Other consumers	4404	..	*211	..	4838	..	9453	*211
Non-energy use	12708	13751	26459	..

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Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	36701	..	..	..	..	13713	..	7231	228	57873	21172
Imports	3550	9	0	47717	4221	955	..	9561	..	66012	955
Exports	-18	0	0	-6856	..	-150	..	-514	..	-7538	-150
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	-469	6	0	25	-1	334	..	..	..	-105	334
Total energy supply	39764	15	0	40887	4219	14851	..	16277	228	116241	22310
Statistical difference	23	0	0	0	-2	0	..	0	0	21	7231
Transfers	..	..	..	15	..	..	..	..	..	15	..
Transformation	-38046	..	0	-1584	-3013	-75	..	13095	2193	-27429	-75
Electricity plants	-38046	..	..	-1584	..	..	..	12435	..	-27194	..
CHP plants	0	..	..	0	-1333	-75	..	660	449	-299	-75
Heat plants	..	..	..	0	-1680	0	..	..	1744	64	0
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	0	0	..	..	..	..	..	0	..
Other transformation	..	..	..	..	..	0	..	..	..	0	0
Energy industries own use	0	..	..	-68	..	-3	..	-1759	-5	-1836	-3
Losses	..	..	..	..	-22	..	..	-3727	-260	-4008	..
Final consumption	1695	15	..	39251	1187	14773	..	23886	2157	82962	15001
Final energy consumption	1695	15	..	36580	1187	14773	..	23886	2157	80292	15001
Manufacturing, const., mining	1621	15	..	7361	975	306	..	7113	112	17504	306
Iron and steel	1231	6	..	2684	603	6	..	4457	112	9100	6
Chemical and petrochemical	..	..	..	88	33	0	..	235	0	356	0
Non-ferrous metals	..	..	..	44	0	0	..	44	..	88	0
Non-metallic minerals	168	..	..	2335	31	2	..	388	0	2923	2
Transport equipment	..	..	..	12	89	0	..	210	0	311	0
Machinery	0	9	..	71	5	10	..	151	0	246	10
Mining and quarrying	..	..	..	574	..	4	..	625	0	1203	4
Food and tobacco	0	..	..	716	194	230	..	518	0	1658	230
Paper, pulp and printing	0	..	..	27	14	0	..	33	0	75	0
Wood and wood products	..	..	..	2	..	12	..	15	0	29	12
Textile and leather	44	..	..	208	2	23	..	191	0	470	23
Construction	0	..	..	582	..	5	..	64	0	652	5
Industries n.e.s	178	0	..	17	4	14	..	181	0	393	14
Transport	..	..	..	25595	6	13	..	61	..	25675	13
Road	..	..	..	24919	6	13	..	..	..	24938	13
Rail	..	..	..	81	..	..	..	61	..	142	..
Domestic aviation	..	..	..	594	..	..	..	..	..	594	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	0	..	0	..
Other	73	..	..	3624	206	14454	..	16712	2044	37114	14682
Agriculture, forestry, fishing	28	..	..	538	..	90	..	129	168	952	258
Commerce, public services	..	..	..	..	..	12	..	..	..	12	12
Households	26	..	..	473	2	14083	..	11311	1339	27235	14083
Other consumers	19	2613	204	269	..	5272	538	8914	329
Non-energy use	2670	2670	..

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Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	31207	..	..	..	..	12159	..	7310	211	50888	19680
Imports	4453	29	0	53788	6634	1040	..	7886	..	73830	1040
Exports	-13	..	0	-7236	..	-40	..	-575	..	-7864	-40
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	504	15	0	-827	1	-438	..	..	..	-744	-438
Total energy supply	36151	44	0	45725	6635	12722	..	14621	211	116109	20243
Statistical difference	-23	0	0	0	-5	-2	..	0	0	-30	7308
Transfers	..	..	..	8	..	..	..	..	..	8	..
Transformation	-33979	..	0	-1130	-5184	-134	..	12956	2239	-25232	-134
Electricity plants	-33979	..	..	-1130	..	..	..	10908	..	-24202	..
CHP plants	0	..	..	..	-4142	-134	..	2049	1055	-1173	-134
Heat plants	..	..	..	0	-1041	..	..	..	1184	143	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	0	0	..	..	..	..	..	0	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	0	..	..	-74	..	-2	..	-1656	-53	-1785	-2
Losses	..	..	..	..	-22	..	..	-3625	-304	-3951	..
Final consumption	2195	44	..	44529	1434	12588	..	22295	2093	85179	12799
Final energy consumption	2195	44	..	38505	1434	12588	..	22295	2093	79155	12799
Manufacturing, const., mining	2115	44	..	5540	1212	330	..	5727	65	15033	330
Iron and steel	960	42	..	2208	795	4	..	3023	65	7097	4
Chemical and petrochemical	..	..	..	75	36	0	..	230	..	342	0
Non-ferrous metals	..	..	..	55	..	..	..	46	..	101	..
Non-metallic minerals	479	..	..	954	40	1	..	471	..	1945	1
Transport equipment	..	..	..	45	99	2	..	240	..	386	2
Machinery	0	3	..	89	5	11	..	163	..	271	11
Mining and quarrying	..	..	..	530	..	1	..	531	..	1062	1
Food and tobacco	0	..	..	664	211	252	..	520	..	1647	252
Paper, pulp and printing	0	..	..	20	13	2	..	37	..	72	2
Wood and wood products	..	..	..	2	..	13	..	16	..	31	13
Textile and leather	27	..	..	226	3	24	..	198	..	477	24
Construction	0	..	..	653	..	8	..	68	..	729	8
Industries n.e.s	650	0	..	19	9	12	..	184	0	875	12
Transport	..	..	..	29175	6	7	..	51	..	29239	7
Road	..	..	..	28412	6	7	..	..	..	28424	7
Rail	..	..	..	86	..	..	..	51	..	137	..
Domestic aviation	..	..	..	677	..	..	..	..	..	677	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	80	..	..	3789	216	12251	..	16518	2029	34883	12462
Agriculture, forestry, fishing	26	..	..	549	..	81	..	130	155	941	236
Commerce, public services	..	..	..	..	..	14	..	..	..	14	14
Households	27	..	..	486	3	11902	..	11007	1369	24794	11902
Other consumers	27	..	..	2755	213	254	..	5381	505	9134	310
Non-energy use	..	..	..	6024	..	..	..	..	..	6024	..

Tajikistan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	19138	..	1058	..	140	*50225	..	60696	..	131257	110921
Imports	242	0	..	39430	..	3	..	227	..	39902	3
Exports	0	..	..	*-534	..	..	..	-5040	..	-5574	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-2381	..	..	..	..	..	-2381	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	19379	0	1058	36515	140	*50228	..	55883	..	163203	110924
Statistical difference	0	0	0	2	0	0	..	2120	0	2122	60696
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-3047	..	-1058	*926	..	..	..	1087	1499	-593	..
Electricity plants	..	..	..	..	..	..	..	..	..	..	..
CHP plants	-3047	..	..	..	..	..	..	1087	1499	-461	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-1058	*926	..	..	..	..	..	-132	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	-283	..	..	..	-324	0	-607	..
Losses	..	..	..	..	..	..	..	-9720	..	-9720	..
Final consumption	16332	0	..	37156	140	*50228	..	44806	1499	*150161	*50228
Final energy consumption	16332	0	..	36634	140	*50228	..	44806	1499	*149638	*50228
Manufacturing, const., mining	..	..	..	80	..	..	..	15070	..	15150	..
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	266	..	266	..
Non-ferrous metals	..	..	..	..	..	..	..	13921	..	13921	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	61	..	61	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	140	..	140	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	4	..	4	..
Textile and leather	..	..	..	..	..	..	..	360	..	360	..
Construction	..	..	..	80	..	..	..	317	..	397	..
Industries n.e.s	..	..	..	0	..	..	..	0	..	0	..
Transport	..	..	..	34619	..	..	..	180	..	34799	..
Road	..	..	..	34619	..	..	..	..	..	34619	..
Rail	..	..	..	..	..	..	..	180	..	180	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	16332	0	..	1934	140	*50228	..	29556	1499	*99689	*50228
Agriculture, forestry, fishing	..	..	..	..	..	..	..	15480	..	15480	..
Commerce, public services	..	..	..	..	..	..	..	3276	..	3276	..
Households	..	..	..	..	..	*50228	..	10800	..	*61028	*50228
Other consumers	16332	0	..	1934	140	..	..	..	1499	19905	..
Non-energy use	..	..	..	523	..	..	..	..	..	523	..

Tajikistan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	24427	..	1058	..	106	50225	..	59846	..	135663	110072
Imports	184	..	..	36767	..	3	..	371	..	37325	3
Exports	0	..	..	*-401	..	..	..	-5139	..	-5539	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-1544	..	..	..	..	..	-1544	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	24611	..	1058	34823	106	50228	..	55079	..	165905	110075
Statistical difference	0	..	0	31	0	106	..	503	0	640	59952
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	*-4515	..	-1058	1033	..	..	..	2189	1648	-703	..
Electricity plants	..	..	..	..	..	..	..	..	..	..	..
CHP plants	*-4515	..	..	..	..	..	..	2189	1648	*-678	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-1058	1033	..	..	..	..	..	-25	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	..	..	..	..	-360	0	-360	..
Losses	..	..	..	..	..	..	..	-9886	..	-9886	..
Final consumption	*20096	..	..	35825	106	50122	..	46519	1648	154317	50122
Final energy consumption	*20096	..	..	35182	106	50122	..	46519	1648	153673	50122
Manufacturing, const., mining	..	..	..	121	..	..	..	17127	..	17248	..
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	292	..	292	..
Non-ferrous metals	..	..	..	..	..	..	..	9234	..	9234	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	297	..	297	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	3741	..	3741	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	3381	..	3381	..
Construction	..	..	..	121	..	..	..	183	..	304	..
Industries n.e.s	..	..	..	0	..	..	..	0	..	0	..
Transport	..	..	..	34132	..	31	..	261	..	34424	31
Road	..	..	..	34132	..	..	..	..	..	34132	..
Rail	..	..	..	..	..	..	..	261	..	261	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	31	..	..	..	31	31
Other	*20096	..	..	929	106	50091	..	29131	1648	102002	50091
Agriculture, forestry, fishing	..	..	..	..	..	582	..	8835	..	9417	582
Commerce, public services	..	..	..	..	..	454	..	2850	..	3304	454
Households	..	..	..	..	..	49055	..	17446	..	66501	49055
Other consumers	*20096	..	..	929	106	..	..	..	1648	*22780	..
Non-energy use	..	..	..	643	..	..	..	..	..	643	..

Thailand

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	162510	..	807704	..	1079943	1055898	..	26820	36	3132911	1078000
Imports	632098	423	1882731	243685	500609	3747	..	51890	..	3315183	3747
Exports	-554	..	-4565	-580858	..	-885	..	-8161	..	-595023	-885
International marine bunkers	..	..	..	-46581	..	..	..	..	..	-46581	..
International aviation bunkers	..	..	..	-163787	..	..	..	..	..	-163787	..
Stock changes	-90073	2623	204684	-125985	..	..	..	..	..	-8751	..
Total energy supply	703982	3046	2890554	-673527	1580552	1058759	..	70549	36	5633951	1080861
Statistical difference	0	0	-27960	-10259	-46	0	..	-32836	0	-71101	26824
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-371884	-508	-2887066	2846160	-969251	*-618091	..	612104	-36	-1388573	*-615229
Electricity plants	-371884	..	..	-9455	-969251	*-387458	..	612104	-36	-1125980	*-384596
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-508	..	..	..	..	..	..	..	-508	..
NGL plants & gas blending	..	..	-256006	301450	..	..	..	..	..	45444	..
Oil refineries	..	..	-2603100	2554164	..	..	..	..	..	-48936	..
Other transformation	..	..	-27960	0	..	*-230634	..	..	..	*-258594	*-230634
Energy industries own use	..	..	..	-35105	-311217	..	..	-12017	..	-358340	..
Losses	..	..	-8375	..	..	..	..	-42415	..	-50791	..
Final consumption	332097	2538	23072	2147787	300129	*440668	..	661057	..	3907348	*438808
Final energy consumption	332097	2538	..	1304822	230382	*440668	..	661057	..	2971564	*438808
Manufacturing, const., mining	332097	2538	..	201461	127418	*113775	..	302335	..	1079625	*111916
Iron and steel	..	2538	..	15918	13566	..	..	30748	..	62769	..
Chemical and petrochemical	97	..	..	20063	29261	..	..	48164	..	97584	..
Non-ferrous metals	1424	..	..	..	..	..	..	..	..	1424	..
Non-metallic minerals	280369	..	..	13824	35806	..	..	30935	..	360934	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	15037	4434	..	..	72497	..	91969	..
Mining and quarrying	..	..	..	855	..	..	..	..	..	855	..
Food and tobacco	17131	..	..	47707	5210	*79192	..	60520	..	209760	*79192
Paper, pulp and printing	826	..	..	7014	35167	..	..	10962	..	53968	..
Wood and wood products	..	..	..	6753	609	..	..	7920	..	15282	..
Textile and leather	97	..	..	6152	1328	..	..	30751	..	38328	..
Construction	..	..	..	5058	..	..	..	..	..	5058	..
Industries n.e.s	32154	0	..	63081	2038	*34583	..	9839	..	141694	*32724
Transport	..	..	..	838479	102922	64143	..	616	..	1006160	64143
Road	..	..	..	793127	102922	64143	..	..	..	960192	64143
Rail	..	..	..	3268	..	..	..	616	..	3884	..
Domestic aviation	..	..	..	35677	..	..	..	..	..	35677	..
Domestic navigation	..	..	..	6407	..	..	..	..	..	6407	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	264882	41	*262750	..	358106	..	885779	*262750
Agriculture, forestry, fishing	..	..	..	165930	..	..	..	1393	..	167323	..
Commerce, public services	..	..	..	31975	41	..	..	187762	..	219778	..
Households	..	..	..	66977	..	*262750	..	145436	..	*475163	*262750
Other consumers	..	..	..	..	..	..	..	23515	..	23515	..
Non-energy use	..	..	23072	842965	69747	..	..	..	..	935784	..

Thailand

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	180283	..	827521	..	1059125	1177697	..	38538	36	3283200	1214073
Imports	596287	846	1855363	289289	487521	1859	..	71370	..	3302534	1859
Exports	-897	..	-67783	-468472	..	-679	..	-4986	..	-542816	-679
International marine bunkers	..	..	..	-49248	..	..	..	..	..	-49248	..
International aviation bunkers	..	..	..	-173798	..	..	..	..	..	-173798	..
Stock changes	-132123	1015	265319	-162915	..	2476	..	..	..	-26228	2476
Total energy supply	643550	1861	2880420	-565144	1546646	1181352	..	104922	36	5793644	1217729
Statistical difference	25	0	-28341	378	4632	1	..	-43	0	-23347	38542
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-394898	-524	-2876512	2825490	-941027	*-564161	..	650218	-36	-1301451	*-563581
Electricity plants	-394898	..	..	-5825	-941027	*-368103	..	650218	-36	-1059672	*-367523
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-524	..	..	..	..	..	..	..	-524	..
NGL plants & gas blending	..	..	-256493	302570	..	..	..	..	..	46077	..
Oil refineries	..	..	-2591594	2528745	..	..	..	..	..	-62849	..
Other transformation	..	..	-28426	0	..	*-196058	..	..	..	*-224484	*-196058
Energy industries own use	..	..	..	-33705	-299629	..	..	-11880	..	-345214	..
Losses	..	..	-8249	..	..	..	..	-44010	..	-52259	..
Final consumption	248626	1337	24001	2226263	301358	*617190	..	699293	..	4118067	*615606
Final energy consumption	248626	1337	..	1371933	232207	*617190	..	699293	..	3170586	*615606
Manufacturing, const., mining	248626	1337	..	240569	137777	*405299	..	319961	..	1353568	*403715
Iron and steel	..	1337	..	18980	14668	..	..	32540	..	67525	..
Chemical and petrochemical	53	..	..	22913	31640	..	..	50972	..	105578	..
Non-ferrous metals	1002	..	..	..	..	..	..	..	..	1002	..
Non-metallic minerals	209895	..	..	16258	38716	..	..	32738	..	297607	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	17689	4795	..	..	76723	..	99207	..
Mining and quarrying	..	..	..	1067	..	..	..	..	..	1067	..
Food and tobacco	12894	..	..	58166	5633	*182261	..	64048	..	*323001	*182261
Paper, pulp and printing	478	..	..	8536	38026	..	..	11603	..	58642	..
Wood and wood products	..	..	..	8126	659	..	..	8381	..	17166	..
Textile and leather	64	..	..	7419	1436	..	..	32544	..	41463	..
Construction	..	..	..	5096	..	..	..	..	..	5096	..
Industries n.e.s	24240	0	..	76321	2203	*223038	..	10411	..	336213	*221454
Transport	..	..	..	904490	94378	67372	..	680	..	1066921	67372
Road	..	..	..	854429	94378	67372	..	..	..	1016179	67372
Rail	..	..	..	3311	..	..	..	680	..	3991	..
Domestic aviation	..	..	..	40043	..	..	..	..	..	40043	..
Domestic navigation	..	..	..	6708	..	..	..	..	..	6708	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	226873	53	*144519	..	378652	..	750097	*144519
Agriculture, forestry, fishing	..	..	..	127165	..	..	..	961	..	128126	..
Commerce, public services	..	..	..	32211	53	..	..	194587	..	226852	..
Households	..	..	..	67497	..	*144519	..	158155	..	370171	*144519
Other consumers	..	..	..	..	..	..	..	24948	..	24948	..
Non-energy use	..	..	24001	854330	69151	..	..	..	..	947481	..

Timor-Leste

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	..	*146409	..	886	..	..	*147295	886
Imports	..	*7209	..	..	..	..	*7209	..
Exports	..	*-146409	..	..	..	..	*-146409	..
International marine bunkers
International aviation bunkers	..	*-137	..	..	..	..	*-137	..
Stock changes
Total energy supply	..	*7073	..	886	..	..	*7959	886
Statistical Difference	..	0	..	0	..	0	0	0
Transfers
Transformation	..	*-4012	..	..	..	1261	*-2751	..
Electricity plants	..	*-4012	..	..	..	1261	*-2751	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-76	-76	..
Losses	*-270	*-270	..
Final consumption	..	*3061	..	*886	..	915	*4862	*886
Final energy consumption	..	*3061	..	*886	..	915	*4862	*886
Manufacturing, const., mining
Transport	..	*997	..	..	..	..	*997	..
Road	..	*997	..	..	..	..	*997	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*2064	..	*886	..	915	*3866	*886
Agriculture, forestry, fishing
Commerce and public services	237	237	..
Households	*886	..	303	*1189	*886
Other consumers	..	*2064	..	..	..	*375	*2439	..
Non-energy use
2016								
Primary production	..	120259	..	850	..	..	121108	850
Imports	..	*7066	..	..	..	..	*7066	..
Exports	..	*-120259	..	..	..	..	*-120259	..
International marine bunkers
International aviation bunkers	..	*-134	..	..	..	..	*-134	..
Stock changes
Total energy supply	..	*6932	..	850	..	..	*7782	850
Statistical Difference	..	0	..	0	..	0	0	0
Transfers
Transformation	..	*-4554	..	..	..	1485	*-3068	..
Electricity plants	..	*-4554	..	..	..	1485	*-3068	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	*-288	*-288	..
Final consumption	..	*2379	..	*850	..	1197	*4426	*850
Final energy consumption	..	*2379	..	*850	..	1197	*4426	*850
Manufacturing, const., mining
Transport	..	*977	..	..	..	..	*977	..
Road	..	*977	..	..	..	..	*977	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*1402	..	*850	..	1197	*3449	*850
Agriculture, forestry, fishing
Commerce and public services	280	280	..
Households	*850	..	411	*1260	*850
Other consumers	..	*1402	..	..	..	*506	*1908	..
Non-energy use

Togo

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	113145	..	219	113364	113364
Imports	..	26694	*1320	..	..	3086	31100	..
Exports
International marine bunkers	..	-774	..	..	..	..	-774	..
International aviation bunkers	..	-3616	..	..	..	..	-3616	..
Stock changes	..	3397	..	..	..	..	3397	..
Total energy supply	..	25700	*1320	113145	..	3305	143470	113364
Statistical Difference	..	-161	0	0	-258	-134	-553	-39
Transfers
Transformation	..	-1795	-1320	-72127	20097	1380	-53766	-52030
Electricity plants	..	-1795	-1320	-83	..	1380	-1819	-83
Charcoal plants	-72044	20097	..	-51947	-51947
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-59	-59	..
Losses	-662	-662	..
Final consumption	..	24066	..	41018	20355	4098	89537	61373
Final energy consumption	..	23946	..	41018	20355	4098	89417	61373
Manufacturing, const., mining	..	813	..	133	..	1395	2341	133
Transport	..	20086	..	..	..	..	20086	..
Road	..	20086	..	..	..	..	20086	..
Domestic aviation
Domestic navigation
Other transport
Other	..	3047	..	40885	20355	2704	66990	61240
Agriculture, forestry, fishing
Commerce and public services	*6790	1092	544	*8425	*7882
Households	..	3047	..	34095	19264	2160	58565	53359
Other consumers
Non-energy use	..	121	..	..	..	..	121	..
2016								
Primary production	115866	..	749	116615	116615
Imports	..	34873	*236	..	..	1612	36721	..
Exports
International marine bunkers	..	-817	..	..	..	..	-817	..
International aviation bunkers	..	-3749	..	..	..	..	-3749	..
Stock changes	..	976	..	..	..	..	976	..
Total energy supply	..	31283	*236	115866	..	2361	149746	116615
Statistical Difference	..	-822	0	0	-148	-7	-976	601
Transfers
Transformation	..	-5499	-236	-73951	20739	2671	-56277	-53213
Electricity plants	..	-5499	-236	-87	..	2671	-3151	-87
Charcoal plants	-73864	20739	..	-53126	-53126
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-95	-95	..
Losses	-678	-678	..
Final consumption	..	26606	..	41915	20886	4266	93673	62801
Final energy consumption	..	26485	..	41915	20886	4266	93552	62801
Manufacturing, const., mining	..	2308	..	110	..	1487	3905	110
Transport	..	20999	..	..	..	..	20999	..
Road	..	20999	..	..	..	..	20999	..
Domestic aviation
Domestic navigation
Other transport
Other	..	3178	..	41805	20886	2779	68648	62691
Agriculture, forestry, fishing
Commerce and public services	*6890	1151	569	*8609	*8040
Households	..	3178	..	34915	19736	2210	60039	54651
Other consumers
Non-energy use	..	121	..	..	..	..	121	..

Tonga

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	19	..	12	31	31
Imports	..	1865	..	0	1	..	1866	1
Exports
International marine bunkers	..	*-16	..	..	..	..	*-16	..
International aviation bunkers	..	*-210	..	..	..	..	*-210	..
Stock changes	..	*1	..	..	..	..	*1	..
Total energy supply	..	1640	..	19	1	12	1671	32
Statistical Difference	..	31	..	0	0	0	31	12
Transfers
Transformation	..	-487	..	*-14	7	188	-305	*-6
Electricity plants	..	-487	..	..	..	188	-299	..
Charcoal plants	*-14	7	..	*-6	*-6
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-5	-5	..
Losses	-17	-17	..
Final consumption	..	*1122	..	*5	*8	*177	*1312	*13
Final energy consumption	..	*1074	..	*5	*8	*177	*1264	*13
Manufacturing, const., mining
Transport	..	*994	..	..	..	..	*994	..
Road	..	*524	..	..	..	..	*524	..
Domestic aviation	..	*4	..	..	..	..	*4	..
Domestic navigation
Other transport	..	*466	..	..	..	..	*466	..
Other	..	*79	..	*5	*8	*177	*270	*13
Agriculture, forestry, fishing
Commerce and public services	*58	*58	..
Households	..	*79	..	*5	*8	*64	*156	*13
Other consumers	*55	*55	..
Non-energy use	..	*48	..	..	..	..	*48	..
2016								
Primary production	19	..	17	36	36
Imports	..	*1933	..	0	1	..	*1934	1
Exports
International marine bunkers	..	*-16	..	..	..	..	*-16	..
International aviation bunkers	..	*-136	..	..	..	..	*-136	..
Stock changes	..	*-4	..	..	..	..	*-4	..
Total energy supply	..	*1777	..	19	1	17	*1813	37
Statistical Difference	..	0	..	0	0	0	0	17
Transfers
Transformation	..	*-518	..	*-14	7	199	*-325	*-6
Electricity plants	..	*-518	..	..	..	199	*-319	..
Charcoal plants	*-14	7	..	*-6	*-6
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-6	-6	..
Losses	-18	-18	..
Final consumption	..	*1259	..	*5	*8	*192	*1464	*13
Final energy consumption	..	*1234	..	*5	*8	*192	*1439	*13
Manufacturing, const., mining
Transport	..	*1133	..	..	..	..	*1133	..
Road	..	*663	..	..	..	..	*663	..
Domestic aviation	..	*4	..	..	..	..	*4	..
Domestic navigation
Other transport	..	*466	..	..	..	..	*466	..
Other	..	*101	..	*5	*8	*192	*306	*13
Agriculture, forestry, fishing
Commerce and public services	*63	*63	..
Households	..	*101	..	*5	*8	*69	*183	*13
Other consumers	*60	*60	..
Non-energy use	..	*25	..	..	..	..	*25	..

Trinidad and Tobago

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	217141	..	1359671	286	..	14	..	1577112	301
Imports	171019	0	..	..	..	..	..	171019	..
Exports	-67638	-209094	-613679	..	..	..	..	-890410	..
International marine bunkers	-22529	..	..	..	..	..	-22529	..
International aviation bunkers	-10540	..	..	..	..	..	-10540	..
Stock changes	-1481	-7406	..	..	..	..	..	-8886	..
Total energy supply	319042	-249568	745992	286	..	14	..	815766	301
Statistical difference	-1856	-1979	0	0	..	4	..	-3832	14
Transfers
Transformation	-320898	316978	-106849	*51	..	37080	..	-73739	*51
Electricity plants	-295	-106849	..	..	37080	..	-70064	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-47471	49369	..	..	..	..	..	1898	..
Oil refineries	-273427	267905	..	..	..	..	..	-5523	..
Other transformation	*51	..	..	..	*51	*51
Energy industries own use	-10592	-136152	..	..	-1364	..	-148108	..
Losses	-20823	..	..	-796	..	-21619	..
Final consumption	58797	482168	*236	..	34931	..	576132	*236
Final energy consumption	57310	78676	*236	..	34931	..	171153	*236
Manufacturing, const., mining	6909	75416	..	..	21118	..	103443	..
Iron and steel	28614	..	..	..	..	28614	..
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	4709	..	..	..	..	4709	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	6909	42094	..	..	21118	..	70121	..
Transport	46840	..	..	..	..	..	46840	..
Road	41768	..	..	..	..	..	41768	..
Rail
Domestic aviation	5072	..	..	..	..	..	5072	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	3561	3260	*236	..	13813	..	20870	*236
Agriculture, forestry, fishing
Commerce, public services	344	..	..	..	3805	..	4149	..
Households	3217	3260	*236	..	10008	..	16720	*236
Other consumers
Non-energy use	1487	403492	..	..	..	..	404979	..

Trinidad and Tobago

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	194532	..	1212323	284	..	14	..	1407152	298
Imports	221144	0	..	..	..	..	..	221144	..
Exports	-61293	-237967	-521249	..	..	..	..	-820509	..
International marine bunkers	-23826	..	..	..	..	..	-23826	..
International aviation bunkers	-13627	..	..	..	..	..	-13627	..
Stock changes	7995	-10686	..	..	..	..	..	-2691	..
Total energy supply	362378	-286106	691073	284	..	14	..	767643	298
Statistical difference	-1547	-5772	0	0	..	86	..	-7233	14
Transfers
Transformation	-363925	354854	-98157	*51	..	38563	..	-68715	*51
Electricity plants	-3370	-98157	..	..	38563	..	-62964	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-39780	41367	..	..	..	..	..	1587	..
Oil refineries	-324145	316858	..	..	..	..	..	-7287	..
Other transformation	*51	..	..	..	*51	*51
Energy industries own use	-10493	-113039	..	..	-1418	..	-124951	..
Losses	-41912	..	..	-742	..	-42654	..
Final consumption	64028	437965	*233	..	36331	..	538557	*233
Final energy consumption	63545	67796	*233	..	36331	..	167906	*233
Manufacturing, const., mining	8790	64898	..	..	21964	..	95652	..
Iron and steel	15254	..	..	..	..	15254	..
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	4359	..	..	..	..	4359	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	8790	45285	..	..	21964	..	76039	..
Transport	51345	..	..	..	..	..	51345	..
Road	46538	..	..	..	..	..	46538	..
Rail
Domestic aviation	4808	..	..	..	..	..	4808	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	3410	2898	*233	..	14368	..	20909	*233
Agriculture, forestry, fishing
Commerce, public services	430	..	..	..	3960	..	4390	..
Households	2980	2898	*233	..	10408	..	16519	*233
Other consumers
Non-energy use	482	370169	..	..	..	..	370652	..

Tunisia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	108320	..	105379	39741	..	2009	5039	260487	43705
Imports	0	..	37182	171716	106330	..	..	1451	..	316678	..
Exports	-79326	-28677	..	..	..	-1800	..	-109804	..
International marine bunkers	-129	..	..	..	..	..	-129	..
International aviation bunkers	-8908	..	..	..	..	..	-8908	..
Stock changes	-719	-6088	..	..	..	..	..	-6807	..
Total energy supply	0	..	65456	127913	211709	39741	..	1660	5039	451518	43705
Statistical difference	0	..	3353	-8143	905	-47	..	-1883	0	-5814	1962
Transfers	0	..	..	..	..	..	0	..
Transformation	-61459	52554	-150989	-7044	..	68825	-3084	-101198	-7044
Electricity plants	-9681	-150989	..	..	67781	-3084	-95973	..
CHP plants	1044	..	1044	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-5834	6244	..	..	..	..	..	409	..
Oil refineries	-55624	55549	..	..	..	..	..	-76	..
Other transformation	442	..	-7044	..	..	..	-6602	-7044
Energy industries own use	-221	-1946	-5848	..	..	-5396	0	-13411	..
Losses	-423	..	..	..	..	-11398	..	-11821	..
Final consumption	0	..	..	186664	53966	32743	..	55573	1955	330902	34698
Final energy consumption	0	..	..	175771	53966	32743	..	55573	1955	320008	34698
Manufacturing, const., mining	0	..	..	38903	33389	0	..	19721	..	92013	0
Iron and steel	311	..	..	1001	..	1311	..
Chemical and petrochemical	4517	..	..	2444	..	6962	..
Non-ferrous metals
Non-metallic minerals	0	..	..	26488	19114	0	..	6181	..	51783	0
Transport equipment
Machinery
Mining and quarrying	355	..	..	1098	..	1453	..
Food and tobacco	3010	..	..	2808	..	5818	..
Paper, pulp and printing	1909	..	..	770	..	2679	..
Wood and wood products
Textile and leather	2372	..	..	1724	..	4096	..
Construction
Industries n.e.s	0	..	..	12416	1803	0	..	3694	..	17912	0
Transport	94398	3564	..	..	338	..	98300	..
Road	93491	..	..	..	..	..	93491	..
Rail	774	..	..	..	270	..	1044	..
Domestic aviation	132	..	..	..	..	..	132	..
Domestic navigation
Pipeline transport	3564	..	..	68	..	3632	..
Transport, n.e.s
Other	42470	17013	32743	..	35514	1955	129695	34698
Agriculture, forestry, fishing	14945	827	..	..	3773	0	19545	0
Commerce, public services	4325	7132	495	..	15001	65	27018	560
Households	23200	9054	32248	..	16740	1890	83132	34138
Other consumers
Non-energy use	10894	..	..	..	..	..	10894	..

Tunisia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	103409	..	95455	45248	..	2095	5308	251515	49434
Imports	37478	161150	122889	..	..	482	..	321999	..
Exports	-76865	-25195	..	..	..	-918	..	-102979	..
International marine bunkers	-86	..	..	..	..	..	-86	..
International aviation bunkers	-9482	..	..	..	..	..	-9482	..
Stock changes	-1650	635	..	..	..	..	..	-1015	..
Total energy supply	62371	127022	218344	45248	..	1660	5308	459953	49434
Statistical difference	5456	184	288	0	..	511	0	6440	2095
Transfers	442	..	..	..	..	..	442	..
Transformation	-56694	56228	-152474	-9075	..	69214	-3217	-96019	-9075
Electricity plants	-773	-150952	..	..	67691	-3217	-87251	..
CHP plants	-1523	..	..	1523	..	0	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-6188	6622	..	..	..	..	..	434	..
Oil refineries	-50506	50379	..	..	..	..	..	-128	..
Other transformation	-9075	..	..	..	-9075	-9075
Energy industries own use	-221	-1714	-6833	..	..	-3326	0	-12094	..
Losses	-10987	..	-10987	..
Final consumption	181794	58748	36173	..	56048	2091	334855	38264
Final energy consumption	170063	58748	36173	..	56048	2091	323124	38264
Manufacturing, const., mining	36894	32888	..	..	19523	..	89305	..
Iron and steel	286	..	..	1048	..	1334	..
Chemical and petrochemical	4449	..	..	2423	..	6872	..
Non-ferrous metals
Non-metallic minerals	24505	18506	..	..	5922	..	48933	..
Transport equipment
Machinery
Mining and quarrying	328	..	..	1148	..	1476	..
Food and tobacco	3219	..	..	2754	..	5973	..
Paper, pulp and printing	2012	..	..	846	..	2858	..
Wood and wood products
Textile and leather	2365	..	..	1663	..	4028	..
Construction
Industries n.e.s	12389	1723	..	..	3719	..	17831	..
Transport	90239	9663	..	..	346	..	100248	..
Road	89376	..	..	..	..	..	89376	..
Rail	731	..	..	..	263	..	994	..
Domestic aviation	132	..	..	..	..	..	132	..
Domestic navigation
Pipeline transport	9663	..	..	83	..	9746	..
Transport, n.e.s
Other	42930	16197	36173	..	36180	2091	133571	38264
Agriculture, forestry, fishing	15243	887	..	..	4205	..	20334	..
Commerce, public services	4297	6449	498	..	15314	81	26639	579
Households	23390	8862	35675	..	16661	2010	86598	37685
Other consumers
Non-energy use	11731	..	..	..	..	..	11731	..

Turkey

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	535853	..	106427	..	13126	134770	..	284371	237077	1311623	654856
Imports	906866	15458	1063124	978492	1669528	0	..	25690	..	4659156	0
Exports	-3858	-2434	..	-320598	-21509	..	..	-11502	..	-359901	..
International marine bunkers	..	..	..	-35358	..	..	..	..	..	-35358	..
International aviation bunkers	..	..	..	-152983	..	..	..	..	..	-152983	..
Stock changes	-5070	-2941	-37647	-29036	-12247	..	..	..	..	-86941	..
Total energy supply	1433791	10082	1131904	440517	1648897	134770	..	298559	237077	5335596	654856
Statistical difference	5813	1333	22207	-4741	-7800	0	..	0	0	16813	296701
Transfers	..	..	..	1747	..	..	..	..	..	1747	..
Transformation	-1034336	61542	-1109696	1117344	-701787	-13037	..	658048	-81804	-1103727	-122645
Electricity plants	-846733	-30455	..	-15291	-614507	-7054	..	628186	-129898	-1015751	-117834
CHP plants	-8802	-1717	..	-4969	-72906	-5983	..	29862	41496	-23020	-4811
Heat plants	..	..	..	..	..	..	..	..	6598	6598	..
Coke ovens	-160924	160183	..	..	..	..	..	..	..	-741	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	15012	..	..	..	..	..	..	15012	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-17877	-66469	..	..	..	..	..	..	..	-84347	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-1124708	1139983	..	..	..	..	..	15275	..
Other transformation	..	..	..	-2379	-14374	..	..	..	..	-16753	..
Energy industries own use	-7978	-34457	..	-74511	-57316	..	..	-51793	0	-226055	..
Losses	..	..	..	..	-117	..	..	-131501	..	-131618	..
Final consumption	385663	35833	..	1489839	897478	*121733	..	773312	155273	3859131	*235510
Final energy consumption	385663	35833	..	1210388	885584	*121733	..	773312	155273	3567786	*235510
Manufacturing, const., mining	178642	34527	..	41940	378268	..	..	363712	53344	1050432	11848
Iron and steel	11350	31996	..	2137	47857	..	..	74488	..	167827	..
Chemical and petrochemical	21196	0	..	5516	73970	..	..	17122	..	117804	..
Non-ferrous metals	3131	1197	..	212	18458	..	..	10706	..	33705	..
Non-metallic minerals	100426	..	..	1901	64941	..	..	47416	..	214684	..
Transport equipment	70	..	..	1389	6135	..	..	..	..	7594	..
Machinery	825	..	..	366	6963	..	..	23069	..	31222	..
Mining and quarrying	1330	..	..	16168	4495	..	..	5022	..	27014	..
Food and tobacco	17315	1333	..	2699	33843	..	..	25560	..	80750	..
Paper, pulp and printing	3134	..	..	477	7662	..	..	11768	..	23042	..
Wood and wood products	681	..	..	688	7014	..	..	10397	..	18779	..
Textile and leather	19122	0	..	869	41295	..	..	55876	..	117161	..
Construction	53	0	..	6321	12409	..	..	10318	..	29101	..
Industries n.e.s	9	0	..	3197	53227	..	..	71971	53344	181748	11848
Transport	..	..	..	1009886	14593	4335	..	3823	..	1032637	4335
Road	..	..	..	940041	2965	4335	..	..	..	947341	4335
Rail	..	..	..	5805	..	..	..	2891	..	8696	..
Domestic aviation	..	..	..	52347	..	..	..	..	..	52347	..
Domestic navigation	..	..	..	11693	..	..	..	..	..	11693	..
Pipeline transport	..	..	..	..	11616	..	..	932	..	12549	..
Transport, n.e.s	..	..	..	..	12	..	..	..	..	12	..
Other	207022	1306	..	158562	492723	*117398	..	405778	101929	1484718	*219327
Agriculture, forestry, fishing	0	..	..	117149	4593	..	..	17572	24283	163597	24283
Commerce, public services	146253	1306	..	27008	108948	..	..	215762	..	499277	..
Households	60769	0	..	14405	379183	*117398	..	172444	77646	821844	*195044
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	279451	11894	..	..	..	..	291345	..

Turkey

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	648833	..	108838	..	12661	130418	..	301648	287239	1489637	717238
Imports	969466	15930	1058993	1028316	1597928	0	..	22788	..	4693422	0
Exports	-1477	-3775	..	-272628	-23331	..	..	-5227	..	-306437	..
International marine bunkers	..	..	..	-36288	..	..	..	..	..	-36288	..
International aviation bunkers	..	..	..	-147029	..	..	..	..	..	-147029	..
Stock changes	-29547	6768	-6979	-17579	14686	37	..	..	..	-32615	37
Total energy supply	1587275	18923	1160852	554792	1601945	130455	..	319208	287239	5660690	717274
Statistical difference	8921	-2619	35024	-9040	2708	0	..	0	0	34994	318996
Transfers	..	..	..	1594	..	..	..	..	..	1594	..
Transformation	-1166173	56453	-1125827	1139324	-631533	-17774	..	686221	-134645	-1193954	-171843
Electricity plants	-990867	-29958	..	-12387	-541119	-10376	..	654030	-187544	-1118221	-166290
CHP plants	-7468	-2118	..	-5050	-74489	-7398	..	32191	38839	-25492	-5553
Heat plants	..	..	..	..	..	..	..	..	14060	14060	..
Coke ovens	-151403	150172	..	..	..	..	..	..	..	-1231	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	16632	..	..	..	..	..	..	16632	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-16434	-61643	..	..	..	..	..	..	..	-78077	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-1142459	1159650	..	..	..	..	..	17191	..
Other transformation	..	..	..	-2889	-15926	..	..	..	..	-18815	..
Energy industries own use	-11055	-31498	..	-111589	-57013	..	..	-54997	0	-266152	..
Losses	..	..	..	..	-141	..	..	-128200	..	-128341	..
Final consumption	401127	46497	..	1593161	910550	*112681	..	822233	152594	4038842	*226436
Final energy consumption	401127	46497	..	1283241	883560	*112681	..	822233	152594	3701932	*226436
Manufacturing, const., mining	195579	45714	..	35125	358521	..	..	379768	50897	1065604	12058
Iron and steel	16941	41043	..	2008	44343	..	..	81518	..	185854	..
Chemical and petrochemical	19196	27	..	3933	75317	..	..	19458	..	117931	..
Non-ferrous metals	3383	2187	..	0	20172	..	..	11300	..	37042	..
Non-metallic minerals	112547	540	..	3474	64493	..	..	51124	..	232178	..
Transport equipment	43	..	..	1480	6170	..	..	..	..	7694	..
Machinery	671	108	..	133	5722	..	..	23184	..	29819	..
Mining and quarrying	517	..	..	11560	3784	..	..	5422	..	21282	..
Food and tobacco	18093	1809	..	3558	42777	..	..	26712	..	92949	..
Paper, pulp and printing	6766	..	..	993	9460	..	..	12233	..	29452	..
Wood and wood products	519	..	..	473	6894	..	..	10710	..	18596	..
Textile and leather	16574	0	..	133	37814	..	..	57312	..	111833	..
Construction	26	0	..	5762	18879	..	..	10894	..	35561	..
Industries n.e.s	302	0	..	1617	22696	..	..	69901	50897	145414	12058
Transport	..	..	..	1101865	13655	4285	..	4162	..	1123967	4285
Road	..	..	..	1025167	2796	4285	..	..	..	1032248	4285
Rail	..	..	..	4515	..	..	..	3179	..	7694	..
Domestic aviation	..	..	..	59226	..	..	..	..	..	59226	..
Domestic navigation	..	..	..	12958	..	..	..	..	..	12958	..
Pipeline transport	..	..	..	..	10859	..	..	983	..	11841	..
Transport, n.e.s	..	..	..	..	0	..	..	..	..	0	..
Other	205548	783	..	146250	511384	*108396	..	438304	101697	1512361	*210093
Agriculture, forestry, fishing	0	..	..	106726	4017	..	..	24502	24283	159527	24283
Commerce, public services	143440	783	..	28900	106813	..	..	229468	..	509404	..
Households	62108	0	..	10623	400554	*108396	..	184334	77414	843430	*185810
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	309920	26990	..	..	..	..	336910	..

Turkmenistan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	553031	..	2854178	100	..	..	..	3407309	100
Imports	295	..	..	..	295	295
Exports	-145935	-109285	-1960284	..	..	-11524	..	-2227027	..
International marine bunkers
International aviation bunkers	-20727	..	..	..	..	..	-20727	..
Stock changes
Total energy supply	407096	-130012	893894	395	..	-11524	..	1159850	395
Statistical difference	0	0	0	0	..	0	0	0	0
Transfers
Transformation	-407096	400523	-369677	..	..	81122	9846	-285281	..
Electricity plants
CHP plants	-369677	..	..	81122	9846	-278708	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-29791	31880	..	..	..	..	..	2089	..
Oil refineries	-377305	368643	..	..	..	..	..	-8662	..
Other transformation
Energy industries own use	-6435	-86805	..	..	-14274	0	-107514	..
Losses	-10422	..	-10422	..
Final consumption	264076	437413	395	..	44903	9846	756632	395
Final energy consumption	264076	437413	395	..	44903	9846	756632	395
Manufacturing, const., mining	41913	..	..	16200	..	58113	..
Iron and steel
Chemical and petrochemical	5260	..	5260	..
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	41913	..	..	10940	..	52853	..
Transport	111392	69413	..	..	1166	..	181971	..
Road	111392	..	..	..	..	..	111392	..
Rail	1166	..	1166	..
Domestic aviation
Domestic navigation
Pipeline transport	69413	..	..	..	..	69413	..
Transport, n.e.s
Other	152685	326086	395	..	27536	9846	516548	395
Agriculture, forestry, fishing	14278	..	14278	..
Commerce, public services	300343	..	..	..	..	300343	..
Households	6570	..	395	..	9439	..	16404	395
Other consumers	146115	25744	..	..	3820	9846	185524	..
Non-energy use

Turkmenistan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	509967	..	2720165	100	..	..	..	3230232	100
Imports	295	..	..	..	295	295
Exports	-104904	-109285	-1826271	..	..	-11524	..	-2051984	..
International marine bunkers
International aviation bunkers	-20727	..	..	..	..	..	-20727	..
Stock changes
Total energy supply	405063	-130012	893894	395	..	-11524	..	1157816	395
Statistical difference	0	0	0	0	..	0	0	0	0
Transfers
Transformation	-405063	398325	-369677	..	..	81122	9846	-285446	..
Electricity plants
CHP plants	-369677	..	..	81122	9846	-278708	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-28200	30177	..	..	..	..	..	1978	..
Oil refineries	-376863	368148	..	..	..	..	..	-8715	..
Other transformation
Energy industries own use	-5940	-86805	..	..	-14274	0	-107019	..
Losses	-10422	..	-10422	..
Final consumption	262373	437413	395	..	44903	9846	754930	395
Final energy consumption	262373	437413	395	..	44903	9846	754930	395
Manufacturing, const., mining	41913	..	..	16200	..	58113	..
Iron and steel
Chemical and petrochemical	5260	..	5260	..
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	41913	..	..	10940	..	52853	..
Transport	111392	69413	..	..	1166	..	181971	..
Road	111392	..	..	..	..	..	111392	..
Rail	1166	..	1166	..
Domestic aviation
Domestic navigation
Pipeline transport	69413	..	..	..	..	69413	..
Transport, n.e.s
Other	150982	326086	395	..	27536	9846	514845	395
Agriculture, forestry, fishing	14278	..	14278	..
Commerce, public services	300343	..	..	..	..	300343	..
Households	6570	..	395	..	9439	..	16404	395
Other consumers	144412	25744	..	..	3820	9846	183821	..
Non-energy use

Turks and Caicos Islands

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	10	..	..	10	10
Imports	..	*2881	..	..	..	..	*2881	..
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*2881	..	10	..	..	*2891	10
Statistical Difference	..	0	..	0	0	*1	*1	0
Transfers
Transformation	..	*-2494	..	*-8	4	*860	*-1637	*-4
Electricity plants	..	*-2494	..	..	..	*860	*-1634	..
Charcoal plants	*-8	4	..	*-4	*-4
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-18	*-18	..
Losses	*-49	*-49	..
Final consumption	..	*387	..	*2	*4	*792	*1185	*7
Final energy consumption	..	*387	..	*2	*4	*792	*1185	*7
Manufacturing, const., mining
Transport	..	*387	..	..	..	..	*387	..
Road	..	*323	..	..	..	..	*323	..
Domestic aviation
Domestic navigation	..	*65	..	..	..	..	*65	..
Other transport
Other	*2	*4	*792	*798	*7
Agriculture, forestry, fishing
Commerce and public services	*525	*525	..
Households	*2	*4	*266	*273	*7
Other consumers
Non-energy use
2016								
Primary production	11	..	..	11	11
Imports	..	*2989	..	..	..	..	*2989	..
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*2989	..	11	..	..	*2999	11
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	*-2580	..	*-8	4	*900	*-1684	*-4
Electricity plants	..	*-2580	..	..	..	*900	*-1680	..
Charcoal plants	*-8	4	..	*-4	*-4
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-18	*-18	..
Losses	*-52	*-52	..
Final consumption	..	*409	..	*2	*4	829	1245	*7
Final energy consumption	..	*409	..	*2	*4	829	1245	*7
Manufacturing, const., mining
Transport	..	*409	..	..	..	..	*409	..
Road	..	*344	..	..	..	..	*344	..
Domestic aviation
Domestic navigation	..	*65	..	..	..	..	*65	..
Other transport
Other	*2	*4	829	836	*7
Agriculture, forestry, fishing
Commerce and public services	560	560	..
Households	*2	*4	269	276	*7
Other consumers
Non-energy use

Tuvalu

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	7	7	7
Imports	..	*136	..	..	..	..	*136	..
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*136	..	..	..	7	*143	7
Statistical Difference	..	*4	..	..	..	0	*4	7
Transfers
Transformation	..	*-69	..	..	..	*18	*-50	..
Electricity plants	..	*-69	..	..	..	*18	*-50	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses
Final consumption	..	*63	..	..	..	*26	*88	..
Final energy consumption	..	*63	..	..	..	*26	*88	..
Manufacturing, const., mining
Transport	..	*53	..	..	..	..	*53	..
Road
Domestic aviation
Domestic navigation	..	*53	..	..	..	..	*53	..
Other transport
Other	..	*10	..	..	..	*26	*35	..
Agriculture, forestry, fishing	..	*9	..	..	..	..	*9	..
Commerce and public services	*14	*14	..
Households	..	*1	..	..	..	*11	*12	..
Other consumers
Non-energy use
2016								
Primary production	*11	*11	*11
Imports	..	*136	..	..	..	..	*136	..
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*136	..	..	..	*11	*147	*11
Statistical Difference	..	*4	..	..	..	0	*4	*11
Transfers
Transformation	..	*-69	..	..	..	*18	*-50	..
Electricity plants	..	*-69	..	..	..	*18	*-50	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses
Final consumption	..	*63	..	..	..	*29	*92	..
Final energy consumption	..	*63	..	..	..	*29	*92	..
Manufacturing, const., mining
Transport	..	*53	..	..	..	..	*53	..
Road
Domestic aviation
Domestic navigation	..	*53	..	..	..	..	*53	..
Other transport
Other	..	*10	..	..	..	*29	*39	..
Agriculture, forestry, fishing	..	*9	..	..	..	..	*9	..
Commerce and public services	*16	*16	..
Households	..	*1	..	..	..	*13	*14	..
Other consumers
Non-energy use

Uganda

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	583678	..	11620	..	595298	595298
Imports	*4	..	..	63633	..	0	..	174	..	63812	0
Exports	-1	..	-437	..	-439	-1
International marine bunkers
International aviation bunkers	-3660	..	..	..	..	..	-3660	..
Stock changes
Total energy supply	*4	..	..	59973	..	583677	..	11357	..	655011	595297
Statistical difference	0	..	..	702	..	-1	..	1	..	702	11619
Transfers
Transformation	-738	..	-122587	..	881	..	-122444	-122587
Electricity plants	-738	..	*-3305	..	881	..	*-3162	*-3305
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	-119282	..	..	..	-119282	-119282
Energy industries own use	-53	..	-53	..
Losses	*-16	..	..	..	-2138	..	-2154	..
Final consumption	*4	..	..	58516	..	461091	..	10047	..	529659	461091
Final energy consumption	*4	..	..	57737	..	461091	..	10047	..	528879	461091
Manufacturing, const., mining	*4	..	..	11979	..	43084	..	5673	..	60741	43084
Iron and steel	4211	..	4211	..
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	*4	..	..	11979	..	43084	..	1462	..	56530	43084
Transport	40509	..	..	..	..	..	40509	..
Road	39262	..	..	..	..	..	39262	..
Rail	1247	..	..	..	..	..	1247	..
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	5248	..	418007	..	4374	..	427629	418007
Agriculture, forestry, fishing	3063	..	..	..	..	..	3063	..
Commerce, public services	*213	..	46066	..	1121	..	47399	46066
Households	1972	..	371942	..	2055	..	375968	371942
Other consumers	*1199	..	*1199	..
Non-energy use	780	..	..	..	..	..	780	..

Uganda

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	605746	..	11847	..	617593	617593
Imports	*2	..	..	67956	..	0	..	147	..	68105	0
Exports	-1	..	-954	..	-955	-1
International marine bunkers
International aviation bunkers	-4317	..	..	..	..	..	-4317	..
Stock changes
Total energy supply	*2	..	..	63639	..	605745	..	11039	..	680425	617592
Statistical difference	0	..	..	68	..	-1	..	1	..	68	11846
Transfers
Transformation	*-730	..	-132371	..	878	..	-132223	-132371
Electricity plants	*-730	..	*-3614	..	878	..	*-3466	*-3614
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	-128757	..	..	..	-128757	-128757
Energy industries own use	0	..	0	..
Losses	-2362	..	-2362	..
Final consumption	*2	..	..	*62841	..	473375	..	9554	..	545773	473375
Final energy consumption	*2	..	..	*62077	..	473375	..	9554	..	545009	473375
Manufacturing, const., mining	*2	..	..	*13375	..	44884	..	5965	..	64227	44884
Iron and steel	4455	..	4455	..
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	*2	..	..	*13375	..	44884	..	1511	..	59773	44884
Transport	*43195	..	..	..	..	..	*43195	..
Road	*41948	..	..	..	..	..	*41948	..
Rail	*1247	..	..	..	..	..	*1247	..
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	*5507	..	428490	..	3589	..	437587	428490
Agriculture, forestry, fishing	*3168	..	..	..	..	..	*3168	..
Commerce, public services	*219	..	47099	..	1169	..	48486	47099
Households	*2120	..	381392	..	2107	..	385619	381392
Other consumers	*313	..	*313	..
Non-energy use	*764	..	..	..	..	..	*764	..

Ukraine

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	730158	..	110642	..	620407	88851	952606	25049	23894	2551607	113900
Imports	364979	51171	9662	335675	556500	1209	..	8068	..	1327264	1209
Exports	-12016	-6029	-338	-4765	..	-17988	..	-12928	..	-54064	-17988
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-5336	..	..	..	..	..	-5336	..
Stock changes	18638	-10	708	1139	-85726	-859	..	..	..	-66110	-859
Total energy supply	1101759	45133	120674	326713	1091181	71213	952606	20189	23894	3753361	96262
Statistical difference	-280	517	0	27762	1742	164	0	21002	0	50909	25213
Transfers	..	..	-2310	16890	..	..	..	..	..	14580	..
Transformation	-1004457	193949	-117376	96330	-358887	-13486	-952606	558540	354316	-1243676	-13486
Electricity plants	-648823	-361	..	-5386	-4365	..	-946372	514120	..	-1091187	..
CHP plants	-43051	-34395	..	-6662	-147920	-8812	-6234	44420	136125	-66528	-8812
Heat plants	-20245	-8926	..	-5932	-206602	-439	..	..	218191	-23953	-439
Coke ovens	-287017	377919	..	..	..	..	..	..	..	90901	..
Briquetting plants	-3939	2420	..	..	..	..	..	..	..	-1519	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	-1306	..	..	..	..	..	..	..	-1306	..
Blast furnaces	..	-163971	..	..	..	..	..	..	..	-163971	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-117376	114310	..	..	..	..	..	-3066	..
Other transformation	-1381	22570	..	..	..	-4235	..	..	..	16954	-4235
Energy industries own use	-3290	-38776	-348	-10360	-40060	..	..	-66575	-25085	-184494	..
Losses	-97	-23288	-296	-47	-19497	..	..	-62791	-37914	-143930	..
Final consumption	94195	176501	344	401763	670995	57563	..	428360	315211	2144932	57563
Final energy consumption	90391	165870	..	373213	575454	57563	..	428360	315211	2006062	57563
Manufacturing, const., mining	75079	164874	..	34416	115685	1242	..	179867	120622	691786	1242
Iron and steel	46564	164722	..	4252	61269	..	..	62896	34640	374344	..
Chemical and petrochemical	97	0	..	943	6337	27	..	11106	23442	41952	27
Non-ferrous metals	4652	25	..	215	5756	..	..	5965	10255	26867	..
Non-metallic minerals	22555	127	..	2153	14873	46	..	8478	2044	50275	46
Transport equipment	..	..	..	562	615	9	..	3618	1718	6522	9
Machinery	97	..	..	1505	4979	37	..	9594	3347	19558	37
Mining and quarrying	24	0	..	11650	12286	..	..	35341	3159	62461	..
Food and tobacco	945	..	..	4822	6919	100	..	14638	30990	58414	100
Paper, pulp and printing	..	..	..	348	743	64	..	3164	4912	9232	64
Wood and wood products	24	..	..	692	518	914	..	2189	3354	7690	914
Textile and leather	..	..	..	129	130	0	..	1073	747	2078	0
Construction	73	..	..	6539	1067	27	..	2693	688	11087	27
Industries n.e.s	48	0	..	605	194	18	..	19112	1326	21305	18
Transport	194	..	..	279239	65834	*1457	..	24505	..	371229	*1457
Road	..	..	..	271232	1035	*1420	..	..	..	273687	*1420
Rail	170	..	..	5848	..	..	..	21596	..	27614	..
Domestic aviation	..	..	..	0	..	..	..	..	..	0	..
Domestic navigation	..	..	..	2030	..	..	..	..	..	2030	..
Pipeline transport	..	..	..	129	64767	..	..	1372	..	66267	..
Transport, n.e.s	24	..	..	..	32	37	..	1537	..	1630	37
Other	15118	996	..	59558	393935	54864	..	223988	194589	943047	54864
Agriculture, forestry, fishing	388	10	..	54956	5399	713	..	12031	8894	82390	713
Commerce, public services	2660	215	..	3901	8148	420	..	78606	65343	159293	420
Households	12070	771	..	615	380388	53731	..	133265	120350	701190	53731
Other consumers	..	..	..	86	..	0	..	86	2	174	0
Non-energy use	3804	10631	344	28550	95541	..	..	..	..	138870	..

Ukraine

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	870416	..	98043	..	635333	115660	880599	32818	25082	2657951	148478
Imports	404040	40495	21913	408475	368808	1557	..	277	..	1245566	1557
Exports	-12793	-6456	..	-2695	..	-18137	..	-13788	..	-53869	-18137
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	*-5336	..	..	..	..	..	*-5336	..
Stock changes	-27589	3717	10	-24895	67816	146	..	..	..	19204	146
Total energy supply	1234074	37756	119966	375549	1071958	99227	880599	19307	25082	3863516	132044
Statistical difference	729	-327	5348	7304	7586	110	0	22511	12179	55440	32927
Transfers	..	..	-3199	767	..	..	..	..	..	-2432	..
Transformation	-1145160	209392	-110650	46269	-350873	-20745	-880599	553766	422444	-1276155	-20745
Electricity plants	-679674	-3869	..	-2765	-4162	..	-874260	496195	..	-1068534	..
CHP plants	-59932	-32863	..	-22869	-137252	-596	-6339	57571	135536	-66743	-596
Heat plants	-53852	-14554	..	-38956	-209460	-13633	..	..	286908	-43547	-13633
Coke ovens	-347375	417492	..	..	..	..	..	..	..	70118	..
Briquetting plants	-4328	2401	..	..	..	..	..	..	..	-1927	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	-1407	..	..	..	..	..	..	..	-1407	..
Blast furnaces	..	-173809	..	..	..	..	..	..	..	-173809	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-112360	110859	..	..	..	..	..	-1501	..
Other transformation	..	16000	1710	..	..	-6516	..	..	..	11194	-6516
Energy industries own use	-5490	-39584	-215	-2118	-37552	..	..	-67925	-48787	-201671	..
Losses	-93	-19042	-296	..	-19740	..	..	-59854	-42789	-141813	..
Final consumption	82601	188849	258	413163	656207	78372	..	422784	343771	2186004	78372
Final energy consumption	78586	173410	..	386349	581531	78372	..	422784	343771	2064803	78372
Manufacturing, const., mining	61617	171946	..	7657	103909	1434	..	179788	107830	634180	1434
Iron and steel	29348	171887	..	2274	49646	9	..	75236	22309	350710	9
Chemical and petrochemical	99	..	..	83	8567	9	..	10688	22789	42236	9
Non-ferrous metals	4459	..	..	43	5384	37	..	5306	10182	25410	37
Non-metallic minerals	26702	49	..	598	15220	9	..	8028	2409	53015	9
Transport equipment	..	..	..	422	643	9	..	2570	1706	5350	9
Machinery	49	..	..	172	4218	73	..	8824	3857	17193	73
Mining and quarrying	25	..	..	1112	11995	18	..	34236	3856	51243	18
Food and tobacco	887	..	..	773	6345	201	..	15170	29916	53292	201
Paper, pulp and printing	..	10	..	43	773	18	..	3161	4936	8941	18
Wood and wood products	..	..	..	219	122	932	..	2005	3606	6884	932
Textile and leather	..	..	..	43	221	9	..	1102	663	2037	9
Construction	49	..	..	1790	424	37	..	2930	447	5677	37
Industries n.e.s	0	0	..	83	352	73	..	10530	1154	12192	73
Transport	296	..	..	308625	58567	1719	..	24466	..	393672	1719
Road	..	..	..	301704	1175	1528	..	..	..	304407	1528
Rail	197	..	..	4601	..	..	..	20430	..	25228	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	2025	..	..	..	..	..	2025	..
Pipeline transport	..	..	..	215	57310	..	..	1476	..	59001	..
Transport, n.e.s	99	..	..	80	81	192	..	2560	..	3011	192
Other	16674	1464	..	70067	419056	75218	..	218531	235941	1036951	75218
Agriculture, forestry, fishing	320	10	..	64382	5804	694	..	12647	10210	94067	694
Commerce, public services	5690	303	..	4701	24449	1736	..	76504	86829	200211	1736
Households	10663	1152	..	899	388804	72789	..	129301	138902	742509	72789
Other consumers	..	..	..	86	..	..	..	79	..	165	..
Non-energy use	4015	15439	258	26814	74676	..	..	..	..	121201	..

United Arab Emirates

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	8118258	..	2113491	..	..	1048	..	10232796	1048
Imports	71794	70	..	459286	804504	1859	..	844	..	1338356	1859
Exports	-84	0	-5267957	-1521186	-463569	..	..	-896	..	-7253693	..
International marine bunkers	-640905	..	..	..	..	..	-640905	..
International aviation bunkers	-343702	..	..	..	..	..	-343702	..
Stock changes
Total energy supply	71711	69	2850300	-2046507	2454425	1859	..	995	..	3332852	2906
Statistical difference	-28	0	3299	-557194	-147218	0	..	9739	..	-691401	1048
Transfers	*124017	..	..	..	..	..	..	*124017	..
Transformation	-2971017	2439150	*-1123805	..	..	457470	..	-1198202	..
Electricity plants	-25541	*-1123805	..	..	457470	..	*-691876	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-617960	646431	..	..	..	..	..	28471	..
Oil refineries	-2353057	1818260	..	..	..	..	..	-534797	..
Other transformation
Energy industries own use	-20345	*-27393	..	..	-15944	..	-63682	..
Losses	-32908	..	-32908	..
Final consumption	71738	*69	..	929493	*1450446	1859	..	399874	..	*2853479	1859
Final energy consumption	71738	*69	..	613114	*1439559	1859	..	399874	..	*2526213	1859
Manufacturing, const., mining	71738	*69	..	55940	*1439559	..	..	46703	..	*1614010	..
Iron and steel
Chemical and petrochemical	1845	*7375	..	..	..	..	*9220	..
Non-ferrous metals
Non-metallic minerals	69817	..	..	..	..	..	..	..	..	69817	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	1921	*69	..	54096	*1432184	..	..	46703	..	*1534973	..
Transport	541801	..	..	..	..	..	541801	..
Road	527822	..	..	..	..	..	527822	..
Rail
Domestic aviation	13980	..	..	..	..	..	13980	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	15372	..	1859	..	353171	..	370402	1859
Agriculture, forestry, fishing
Commerce, public services	133776	..	133776	..
Households	15372	..	..	..	136829	..	152201	..
Other consumers	1859	..	82566	..	84425	1859
Non-energy use	*316379	*10887	*327266	..

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Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	8395700	..	2145192	..	..	1112	..	10542005	1112
Imports	77031	52	..	*883675	786663	1859	..	4107	..	*1753387	1859
Exports	0	-1	-5085983	-2274324	-463569	..	..	-1822	..	-7825699	..
International marine bunkers	*-677497	..	..	..	..	..	*-677497	..
International aviation bunkers	-364676	..	..	..	..	..	-364676	..
Stock changes
Total energy supply	77031	52	3309717	-2432822	2468286	1859	..	3397	..	3427520	2971
Statistical difference	0	0	0	-323375	295225	0	..	15167	..	-12982	1112
Transfers	*-333437	..	..	..	..	..	..	*-333437	..
Transformation	-2976281	2978784	*-1132092	..	..	465433	..	-664156	..
Electricity plants	*-25791	*-1132092	..	..	465433	..	*-692450	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	*-663751	*694330	..	..	..	..	..	*30579	..
Oil refineries	-2312529	2310245	..	..	..	..	..	-2284	..
Other transformation
Energy industries own use	*-20889	*-25671	..	..	-8611	..	*-55171	..
Losses	-34907	..	-34907	..
Final consumption	*77031	*52	..	848447	*1015298	1859	..	*410144	..	*2352831	1859
Final energy consumption	*77031	*52	..	556297	*1003781	1859	..	*410144	..	*2049163	1859
Manufacturing, const., mining	*77031	*52	..	*59476	*1003781	..	..	*50339	..	*1190678	..
Iron and steel
Chemical and petrochemical	*1987	*7544	..	..	..	..	*9530	..
Non-ferrous metals
Non-metallic minerals	*75758	..	..	..	..	..	..	..	..	*75758	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	*1274	*52	..	*57489	*996237	..	..	*50339	..	*1105390	..
Transport	484618	..	..	..	..	..	484618	..
Road	470506	..	..	..	..	..	470506	..
Rail
Domestic aviation	*14112	..	..	..	..	..	*14112	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	*12203	..	1859	..	*359806	..	*373868	1859
Agriculture, forestry, fishing
Commerce, public services	*144187	..	*144187	..
Households	*12203	..	..	..	*147478	..	*159681	..
Other consumers	1859	..	*68141	..	*69999	1859
Non-energy use	*292150	*11517	*303668	..

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Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	214150	..	1921476	..	1463802	341184	759726	194990	2155	4897485	498544
Imports	590354	33704	1924549	1614672	1605074	*134150	..	81778	..	5984280	*134150
Exports	-9589	-3305	-1351237	-1064016	-496848	*-13162	..	-6401	..	-2944558	*-13162
International marine bunkers	..	..	..	-105676	..	..	..	..	..	-105676	..
International aviation bunkers	..	..	..	-465257	..	..	..	..	..	-465257	..
Stock changes	170937	1903	222	-20719	11389	495	..	..	..	164226	495
Total energy supply	965852	32302	2495010	-40996	2583417	462667	759726	270367	2155	7530500	620026
Statistical difference	-7295	176	9545	-7596	2522	70	0	-11	0	-2589	195044
Transfers	..	..	-11713	12640	..	..	..	..	..	927	..
Transformation	-900648	47518	-2473752	2483277	-769388	-302991	-759726	1015276	59127	-1601306	*-265837
Electricity plants	-758367	-31829	..	-8964	-590304	*-275110	-759726	947106	..	-1477193	*-247341
CHP plants	-492	-955	..	-14897	-98624	-22729	..	68170	..	-69526	-14294
Heat plants	-5511	-2151	..	-2459	-82273	-2190	..	..	59127	-35456	-1240
Coke ovens	-95035	109384	..	..	-1362	..	..	..	..	12987	..
Briquetting plants	-5899	6540	..	-2730	..	..	..	..	..	-2090	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-35344	-34984	..	..	..	..	..	..	..	-70328	..
NGL plants & gas blending	..	..	-92290	97866	3174	-2962	..	..	..	5789	-2962
Oil refineries	..	..	-2381462	2416472	..	..	..	..	..	35009	..
Other transformation	..	1513	..	-2011	..	..	..	..	..	-498	..
Energy industries own use	0	-29990	..	-173792	-190011	..	..	-90212	-11311	-495316	..
Losses	..	-9525	..	..	-20958	..	..	-102640	..	-133123	..
Final consumption	72499	40129	..	2288725	1600538	*159606	..	1092802	49971	5304270	*159145
Final energy consumption	72499	37021	..	2001899	1583474	*159606	..	1092802	49971	4997270	*159145
Manufacturing, const., mining	57466	30364	..	167557	321441	*40176	..	334850	25412	977267	*38299
Iron and steel	5744	29857	..	216	17413	..	..	13277	..	66507	..
Chemical and petrochemical	1915	..	..	4708	63259	*562	..	56196	7635	134275	*562
Non-ferrous metals	543	..	..	..	5936	..	..	15923	..	22403	..
Non-metallic minerals	27116	..	..	7337	36147	*7207	..	21956	..	99763	*7207
Transport equipment	1552	..	..	7830	28172	..	..	17543	..	55097	..
Machinery	440	..	..	..	29637	46	..	43996	..	74118	23
Mining and quarrying	..	..	..	..	..	..	..	382	..	382	..
Food and tobacco	1397	..	..	5326	63547	*1141	..	38786	0	110197	*1141
Paper, pulp and printing	3441	..	..	1247	30836	*11470	..	38156	0	85150	*11470
Wood and wood products	..	..	..	1859	1832	*3286	..	1850	..	8827	*3286
Textile and leather	1708	..	..	1806	14474	..	..	9691	..	27679	..
Construction	155	..	..	7466	10130	..	..	4903	..	22654	..
Industries n.e.s	13454	507	..	129762	20059	*16464	..	72191	17777	270214	*14610
Transport	336	..	..	1655043	..	38807	..	16258	..	1710444	38807
Road	..	..	..	1571051	..	38807	..	349	..	1610207	38807
Rail	336	..	..	25069	..	..	..	15908	..	41314	..
Domestic aviation	..	..	..	35016	..	..	..	..	..	35016	..
Domestic navigation	..	..	..	23908	..	..	..	..	..	23908	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	14696	6657	..	179298	1262032	*80623	..	741694	24559	2309560	*82040
Agriculture, forestry, fishing	0	..	..	18145	3183	*6959	..	14821	..	43108	*6959
Commerce, public services	233	..	..	49078	261279	*6544	..	338922	21056	677111	*6632
Households	14282	6657	..	100158	964165	*67120	..	387950	3503	1543836	*68449
Other consumers	181	11918	33405	45504	..
Non-energy use	..	3108	..	286827	17065	307000	..

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Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	104730	..	2012888	..	1499312	382925	774641	191459	2179	4968133	522755
Imports	228574	37237	1800591	1780899	1706386	*134088	..	70916	..	5758690	*134088
Exports	-11130	-623	-1411280	-1115641	-352459	-12594	..	-7751	..	-2911478	-12594
International marine bunkers	..	..	..	-112147	..	..	..	..	..	-112147	..
International aviation bunkers	..	..	..	-469227	..	..	..	..	..	-469227	..
Stock changes	141754	-3701	854	-2141	52623	1191	..	..	..	190579	1191
Total energy supply	463928	32913	2403052	81743	2905862	505610	774641	254624	2179	7424551	645439
Statistical difference	-6694	240	1428	-14565	4782	-36	0	0	0	-14845	191422
Transfers	..	..	-13216	12540	..	..	..	..	..	-676	..
Transformation	-407549	18788	-2388408	2398991	-1045294	-331404	-774641	1019725	58985	-1450807	-280367
Electricity plants	-316676	-21794	..	-7960	-864379	-298505	-774641	949633	..	-1334321	*-258979
CHP plants	-500	-805	..	-14761	-101391	-24918	..	70092	..	-72283	-14409
Heat plants	-5602	-2151	..	-2411	-84627	-2178	..	..	58985	-37985	-1176
Coke ovens	-47896	54111	..	..	-1114	..	..	..	..	5101	..
Briquetting plants	-5865	6936	..	-3088	..	..	..	..	..	-2017	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-31010	-18805	..	..	..	..	..	..	..	-49815	..
NGL plants & gas blending	..	..	-99494	105407	6217	-5803	..	..	..	6327	-5803
Oil refineries	..	..	-2288914	2323891	..	..	..	..	..	34977	..
Other transformation	..	1296	..	-2088	..	..	..	..	..	-792	..
Energy industries own use	0	-17446	..	-169962	-187183	..	..	-84838	-11435	-470864	..
Losses	..	-4017	..	..	-17482	..	..	-95461	..	-116960	..
Final consumption	63072	29998	..	2337877	1651121	*174241	..	1094051	49729	5400089	*173650
Final energy consumption	63072	28542	..	2033530	1634568	*174241	..	1094051	49729	5077734	*173650
Manufacturing, const., mining	47370	21861	..	161551	317539	*47994	..	330898	25548	952760	*45972
Iron and steel	5786	21861	..	169	13462	..	..	10249	..	51527	..
Chemical and petrochemical	1762	..	..	4622	63543	*936	..	55602	8453	134918	*936
Non-ferrous metals	473	..	..	..	6088	..	..	15491	..	22052	..
Non-metallic minerals	21384	..	..	7595	37942	*6611	..	21665	..	95197	*6611
Transport equipment	1394	..	..	7959	29514	..	..	16834	..	55700	..
Machinery	421	..	..	..	30717	44	..	43474	..	74655	22
Mining and quarrying	..	..	..	..	..	..	..	385	..	385	..
Food and tobacco	1157	..	..	5541	64207	*1575	..	38639	0	111119	*1575
Paper, pulp and printing	3419	..	..	1247	26989	*17373	..	38142	0	87170	*17373
Wood and wood products	..	..	..	1128	1809	*4036	..	1904	..	8878	*4036
Textile and leather	1789	..	..	1763	13410	..	..	9497	..	26458	..
Construction	132	..	..	7679	10469	..	..	4813	..	23092	..
Industries n.e.s	9653	0	..	123849	19390	*17419	..	74203	17095	261608	*15419
Transport	395	..	..	1690207	..	39344	..	16808	..	1746755	39344
Road	..	..	..	1607110	..	39344	..	464	..	1646919	39344
Rail	395	..	..	24854	..	..	..	16344	..	41593	..
Domestic aviation	..	..	..	35324	..	..	..	..	..	35324	..
Domestic navigation	..	..	..	22919	..	..	..	..	..	22919	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	15308	6681	..	181772	1317029	*86903	..	746345	24181	2378219	*88334
Agriculture, forestry, fishing	0	..	..	20076	3065	9787	..	15923	..	48851	9787
Commerce, public services	658	..	..	49623	271205	*8395	..	341726	20676	692283	*8495
Households	14466	6681	..	100285	1008856	*68721	..	388696	3505	1591209	*70052
Other consumers	184	11789	33903	45876	..
Non-energy use	..	1456	..	304346	16553	322355	..

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Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	6631	..	30603	912938	..	7664	957836	920602
Imports	..	137666	..	..	..	256	137921	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	-2626	..	..	..	..	-2626	..
International aviation bunkers	..	-6527	..	..	..	..	-6527	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	6631	128513	30603	912938	..	7920	1086604	920602
Statistical Difference	0	0	1	0	0	266	267	7664
Transfers	..	..	..	..	..	..	..	..
Transformation	..	-18134	-24831	-176290	58971	15354	-144931	-117320
Electricity plants	..	-18134	-24831	-378	..	15354	-27989	-378
Charcoal plants	..	..	..	-175912	58971	..	-116942	-116942
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-76	-76	..
Losses	..	..	..	..	..	-4032	-4032	..
Final consumption	6631	110379	5771	736648	58971	18900	937299	795619
Final energy consumption	6631	108449	5771	736648	58971	18900	935369	795619
Manufacturing, const., mining	6631	6383	5771	116991	..	4903	140679	116991
Transport	..	96578	..	..	..	..	96578	..
Road	..	96578	..	..	..	..	96578	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	5488	..	619657	58971	13997	698112	678628
Agriculture, forestry, fishing	..	903	..	36895	..	641	38439	36895
Commerce and public services	..	..	..	..	..	4252	4252	..
Households	..	4585	..	557593	58971	8543	629691	616564
Other consumers	..	..	..	25169	..	562	25731	25169
Non-energy use	..	1930	..	..	..	..	1930	..
2016								
Primary production	7121	..	29121	947388	..	8608	992238	955996
Imports	..	125680	..	..	..	367	126047	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	-2828	..	..	..	..	-2828	..
International aviation bunkers	..	-6968	..	..	..	..	-6968	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	7121	115884	29121	947388	..	8975	1108489	955996
Statistical Difference	0	0	0	0	0	1548	1548	8608
Transfers	..	..	..	..	..	..	..	..
Transformation	..	-6261	-23002	-181746	60800	16585	-133625	-120946
Electricity plants	..	-6261	-23002	-378	..	16585	-13056	-378
Charcoal plants	..	..	..	-181368	60800	..	-120568	-120568
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-90	-90	..
Losses	..	..	..	..	..	-4028	-4028	..
Final consumption	7121	109623	6119	765642	60800	19894	969198	826442
Final energy consumption	7121	107573	6119	765642	60800	19894	967148	826441
Manufacturing, const., mining	7121	4282	6119	125132	..	5299	147953	125132
Transport	..	95356	..	..	..	..	95356	..
Road	..	95356	..	..	..	..	95356	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	7934	..	640510	60800	14594	723838	701310
Agriculture, forestry, fishing	..	946	..	38134	..	630	39710	38134
Commerce and public services	..	..	..	..	..	4417	4417	..
Households	..	6988	..	576362	60800	8996	653146	637162
Other consumers	..	..	..	26014	..	551	26565	26014
Non-energy use	..	2050	..	..	..	..	2050	..

United States

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	18056994	..	23886869	..	26656035	3950517	8967110	1713964	819567	84051056	6286221
Imports	249536	3666	15386945	4300083	2633342	82848	..	272772	..	22929192	82848
Exports	-1761424	-22428	-1366380	-7681178	-1692999	-80645	..	-32760	..	-12637814	-80645
International marine bunkers	..	..	..	-710511	..	-5998	..	..	..	-716509	-5998
International aviation bunkers	..	..	..	-981225	..	..	..	..	..	-981225	..
Stock changes	-757950	-15962	-470274	-304753	-517384	-18189	..	..	..	-2084511	-18189
Total energy supply	15787156	-34725	37437160	-5377583	27078994	3928533	8967110	1953976	819567	90560189	6264237
Statistical difference	3185	0	-228547	-953237	449130	-100047	0	0	0	-829516	1694093
Transfers	..	..	..	5754	..	..	..	..	..	5754	..
Transformation	-15133803	241020	-37495891	37271005	-10257134	-922212	-8967110	13755409	-294260	-21802975	-1385096
Electricity plants	-14140794	-3956	..	-261458	-8331587	-683855	-8967110	12606696	-712447	-20494512	-1178357
CHP plants	-391331	-31946	..	-116182	-1792399	-63814	..	1148713	418187	-828772	-32196
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-481231	426604	..	..	..	..	..	..	..	-54627	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	142164	..	..	..	..	..	..	142164	..
Gas works	-101417	50046	..	..	..	..	..	..	..	-51371	..
Blast furnaces	-19030	-149682	..	..	..	..	..	..	..	-168712	..
NGL plants & gas blending	..	-50046	-3062309	3247791	45041	..	..	..	..	180478	..
Oil refineries	..	..	-34651226	34400854	..	..	..	..	..	-250372	..
Other transformation	..	..	75480	..	-178189	*-174543	..	..	..	-277252	*-174543
Energy industries own use	-1580	-56840	..	-1432755	-2419948	-4931	..	-1179216	-139494	-5234765	-4931
Losses	..	..	..	..	..	..	..	-919159	-50182	-969341	..
Final consumption	648587	149456	169816	31419657	13952783	*3101437	..	13611010	335631	63388377	*3180117
Final energy consumption	648587	149456	..	26698447	13308961	*3101437	..	13611010	335631	57853528	*3180117
Manufacturing, const., mining	620526	149456	..	819830	4936557	*1224735	..	2902493	180558	10834155	*1205877
Iron and steel	4387	117350	..	8011	358886	74	..	173221	6628	668556	74
Chemical and petrochemical	130884	..	..	111709	1636908	7400	..	410501	110644	2408046	1532
Non-ferrous metals	..	..	..	33736	160775	37	..	262958	3540	461047	37
Non-metallic minerals	232502	..	..	66382	333157	562	..	129128	135	761865	561
Transport equipment	511	..	..	7693	177518	137	..	175748	4366	365973	137
Machinery	3418	..	..	37641	370442	331	..	364367	3273	779472	331
Mining and quarrying	..	..	..	108872	103580	1987	..	140868	..	355308	1987
Food and tobacco	125280	..	..	19468	688051	641	..	278874	19948	1132263	385
Paper, pulp and printing	93002	..	..	10664	402882	39189	..	254426	16780	816943	28103
Wood and wood products	511	..	..	21390	47349	368	..	62302	9183	141103	368
Textile and leather	2638	..	..	0	43664	..	..	65437	5278	117017	..
Construction	..	..	..	307530	15377	5299	..	219107	..	547313	5299
Industries n.e.s	27392	32106	..	86734	597968	*1168710	..	365555	783	2279249	*1167064
Transport	..	..	..	24102273	694815	1256262	..	31939	..	26085289	1256262
Road	..	..	..	21061701	38777	1243492	..	7362	..	22351333	1243492
Rail	..	..	..	496371	..	10083	..	24577	..	531031	10083
Domestic aviation	..	..	..	2204520	..	..	..	..	..	2204520	..
Domestic navigation	..	..	..	339682	..	2686	..	..	..	342368	2686
Pipeline transport	..	..	..	..	656038	..	..	..	..	656038	..
Transport, n.e.s	..	..	..	0	..	0	..	..	..	0	0
Other	28061	..	..	1776343	7677589	*620441	..	10676578	155073	20934084	*717978
Agriculture, forestry, fishing	..	..	..	623726	60682	8317	..	137128	..	829852	8317
Commerce, public services	28061	..	..	492132	3077651	27175	..	4894128	134512	8653659	104151
Households	..	..	..	660485	4539256	*389952	..	5045818	20561	10656072	*410513
Other consumers	..	..	..	..	..	*194997	..	599504	..	794502	*194997
Non-energy use	..	..	169816	4721210	643822	..	..	..	..	5534849	..

United States

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	14589616	..	22964979	..	26264492	4014162	9071114	1964786	803303	79672452	6585673
Imports	211996	5975	16462398	4423192	2911857	121870	..	250564	..	24387853	121870
Exports	-1450697	-26181	-1680479	-8242204	-2205479	-107965	..	-33584	..	-13746590	-107965
International marine bunkers	..	..	..	-706147	..	..	..	..	..	-706147	..
International aviation bunkers	..	..	..	-1019327	..	..	..	..	..	-1019327	..
Stock changes	982200	21793	-192251	-19433	364041	-11246	..	..	..	1145104	-11246
Total energy supply	14333114	1588	37554648	-5563920	27334912	4016821	9071114	2181766	803303	89733345	6588332
Statistical difference	-113649	0	-319866	-988341	311172	66	0	0	0	-1110619	2045078
Transfers	..	..	..	5605	..	..	..	..	..	5605	..
Transformation	-13876548	220758	-37755218	37644329	-10508230	-848524	-9071114	13513756	-200995	-20881787	-1309977
Electricity plants	-13015100	-3473	..	-233433	-8667984	-632563	-9071114	12371429	-708995	-19961233	-1124582
CHP plants	-331411	-21427	..	-86893	-1703830	-61775	..	1142327	508000	-555009	-31209
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-403127	370253	..	..	..	..	..	..	..	-32874	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	146304	..	..	..	..	..	..	146304	..
Gas works	-97986	52575	..	..	..	..	..	..	..	-45411	..
Blast furnaces	-28924	-124595	..	..	..	..	..	..	..	-153519	..
NGL plants & gas blending	..	-52575	-3222180	3415165	47318	..	..	..	..	187728	..
Oil refineries	..	..	-34762592	34549489	..	..	..	..	..	-213103	..
Other transformation	..	..	83250	..	-183734	*-154187	..	..	..	-254671	*-154187
Energy industries own use	-1366	-48876	..	-1472157	-2444059	-5078	..	-1142456	-169452	-5283445	-5078
Losses	..	..	..	..	..	..	..	-845305	-60960	-906265	..
Final consumption	568850	173470	119296	31602198	14071451	*3163153	..	13707760	371896	63778072	*3228198
Final energy consumption	568850	173470	..	26882707	13289254	*3163153	..	13707760	371896	58157089	*3228198
Manufacturing, const., mining	546633	173470	..	854995	5162000	*1048281	..	2868826	219336	10873541	*1028515
Iron and steel	10486	144356	..	7585	320927	74	..	144522	8051	636001	74
Chemical and petrochemical	111505	..	..	130244	1827662	10017	..	448808	134407	2662642	1780
Non-ferrous metals	..	..	..	21375	162812	37	..	247421	4300	435944	37
Non-metallic minerals	196646	..	..	59955	368659	722	..	131148	164	757294	634
Transport equipment	54	..	..	7534	173214	101	..	158468	5304	344675	101
Machinery	2049	..	..	35935	369491	368	..	342659	3976	754478	368
Mining and quarrying	..	..	..	112977	105569	2024	..	132455	..	353025	2024
Food and tobacco	124401	..	..	22042	770249	740	..	290138	24232	1231802	440
Paper, pulp and printing	71893	..	..	6962	396478	23879	..	284177	20384	803772	14426
Wood and wood products	..	..	..	22796	51953	405	..	63673	11155	149981	405
Textile and leather	2426	..	..	..	43571	..	..	64318	6412	116726	..
Construction	..	..	..	324645	17239	5557	..	236315	..	583755	5557
Industries n.e.s	27175	29114	..	102945	554178	*1004359	..	324724	951	2043445	*1002671
Transport	..	..	..	24273789	728057	1364094	..	38178	..	26404118	1364094
Road	..	..	..	21157520	41279	1351288	..	13626	..	22563712	1351288
Rail	..	..	..	489577	..	10083	..	24552	..	524212	10083
Domestic aviation	..	..	..	2288792	..	..	..	..	..	2288792	..
Domestic navigation	..	..	..	337901	..	2723	..	..	..	340624	2723
Pipeline transport	..	..	..	..	686778	..	..	..	..	686778	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	22217	..	..	1753923	7399197	*750778	..	10800756	152560	20879431	*835589
Agriculture, forestry, fishing	..	..	..	595737	62486	8451	..	147949	..	814623	8451
Commerce, public services	22217	..	..	560852	3058051	30203	..	4896522	130391	8698235	92845
Households	..	..	..	597335	4278660	*548642	..	5075478	22169	10522285	*570811
Other consumers	..	..	..	..	..	*163481	..	680807	..	844288	*163481
Non-energy use	..	..	119296	4719491	782196	..	..	..	..	5620983	..

Uruguay

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	*88965	..	37376	..	*126341	126341
Imports	85	3	84824	18367	1726	59	..	8	..	105073	59
Exports	-18	..	-4	..	-4756	..	-4777	-4
International marine bunkers	-7398	..	..	..	..	..	-7398	..
International aviation bunkers	-4079	..	..	..	..	..	-4079	..
Stock changes	-4890	2410	..	-193	..	..	..	-2673	-193
Total energy supply	85	3	79934	9283	1726	*88828	..	32628	..	*212487	126203
Statistical difference	0	0	-4	-1071	4	*-31	..	-386	..	-1488	37345
Transfers
Transformation	-79875	72552	0	*-12114	..	12066	..	-7371	*-12114
Electricity plants	-9522	0	*-12114	..	12066	..	-9570	*-12114
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-79875	82074	..	..	..	..	..	2199	..
Other transformation
Energy industries own use	-6737	-75	..	..	-1776	..	-8588	..
Losses	-63	-565	0	-24	..	-5363	..	-6015	-24
Final consumption	85	3	..	75605	1647	*76720	..	37941	..	192000	*76720
Final energy consumption	..	3	..	72415	1647	*76720	..	37941	..	188726	*76720
Manufacturing, const., mining	..	3	..	9482	441	*56732	..	11702	..	*78360	*56732
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing	*36085	..	..	..	*36085	*36085
Wood and wood products
Textile and leather
Construction
Industries n.e.s	..	3	..	9482	441	*20647	..	11702	..	*42275	*20647
Transport	50436	..	2776	..	..	..	53213	2776
Road	49434	..	2773	..	..	..	52207	2773
Rail	74	..	4	..	..	..	77	4
Domestic aviation	221	..	..	..	..	..	221	..
Domestic navigation	707	..	0	..	..	..	707	0
Pipeline transport
Transport, n.e.s
Other	12497	1206	17212	..	26239	..	57153	17212
Agriculture, forestry, fishing	6366	..	2001	..	980	..	9346	2001
Commerce, public services	831	407	15	..	10312	..	11565	15
Households	5300	799	14080	..	14947	..	35125	14080
Other consumers	0	..	1116	..	..	..	1116	1116
Non-energy use	85	..	..	3189	..	..	..	..	..	3275	..

Uruguay

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	*87003	..	39269	..	*126272	126272
Imports	138	8	88965	9365	1952	96	..	88	..	100613	96
Exports	38	..	-46	..	-2805	..	-2813	-46
International marine bunkers	-6019	..	..	..	..	..	-6019	..
International aviation bunkers	-4388	..	..	..	..	..	-4388	..
Stock changes	2618	-1162	..	116	..	..	..	1572	116
Total energy supply	138	8	91584	-2166	1952	*87169	..	36552	..	*215237	126438
Statistical difference	0	0	0	1580	0	*13	..	50	..	1643	39283
Transfers
Transformation	-91520	87600	0	*-12519	..	10430	..	-6010	*-12519
Electricity plants	-4712	0	*-12519	..	10430	..	-6801	*-12519
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-91520	92312	..	..	..	..	..	792	..
Other transformation
Energy industries own use	-6672	-128	..	..	-1128	..	-7928	..
Losses	-63	-914	-26	-24	..	-5790	..	-6819	-24
Final consumption	138	8	..	76268	1797	*74613	..	40013	..	192838	*74613
Final energy consumption	..	8	..	72944	1797	*74613	..	40013	..	189376	*74613
Manufacturing, const., mining	..	8	..	9856	441	*57235	..	12184	..	*79723	*57235
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing	*35909	..	..	..	*35909	*35909
Wood and wood products
Textile and leather
Construction
Industries n.e.s	..	8	..	9856	441	*21325	..	12184	..	*43814	*21325
Transport	49727	..	2416	..	..	..	52143	2416
Road	49461	..	2405	..	..	..	51866	2405
Rail	-11	..	11	..	..	..	0	11
Domestic aviation	217	..	..	..	..	..	217	..
Domestic navigation	61	..	..	..	..	..	61	..
Pipeline transport
Transport, n.e.s
Other	13361	1357	14962	..	27830	..	57509	14962
Agriculture, forestry, fishing	6387	..	1741	..	1068	..	9196	1741
Commerce, public services	928	414	11	..	10764	..	12118	11
Households	6046	942	12284	..	15998	..	35270	12284
Other consumers	925	..	..	..	925	925
Non-energy use	138	..	..	3324	..	..	..	..	..	3463	..

Uzbekistan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	59427	..	120629	..	2120878	219	..	42588	..	2343741	42807
Imports	0	..	630	..	..	..	..	40810	..	41440	..
Exports	-542	..	..	-8260	-548450	..	..	-44582	..	-601835	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	58885	..	121259	-8260	1572428	219	..	38815	..	1783346	42807
Statistical difference	0	..	0	-44	0	0	..	0	0	-44	42588
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-42643	..	-117832	117801	-625809	..	..	163620	100112	-404752	..
Electricity plants	-22875	..	..	-768	-271397	..	..	89442	..	-205597	..
CHP plants	-19695	..	..	-1010	-277421	..	..	74178	58842	-165106	..
Heat plants	-73	..	..	-162	-76991	..	..	..	41270	-35955	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-117832	119740	..	..	..	..	..	1907	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	-88	..	-212	-4477	-53695	..	..	-17320	0	-75791	..
Losses	-513	..	-1269	..	-50371	..	..	-17816	..	-69969	..
Final consumption	15641	..	1946	105108	842553	*219	..	167299	100112	1232878	*219
Final energy consumption	15641	..	..	94857	792225	*219	..	167299	100112	1170353	*219
Manufacturing, const., mining	9354	..	..	6532	200045	..	..	64069	..	280000	..
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	40	..	..	..	..	..	40	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	133	..	..	..	..	..	133	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	387	..	..	..	..	..	387	..
Construction	..	..	..	5342	..	..	..	..	..	5342	..
Industries n.e.s	9354	..	..	629	200045	..	..	64069	..	274098	..
Transport	..	..	..	56905	43965	..	..	5504	..	106374	..
Road	..	..	..	49640	1942	..	..	..	..	51582	..
Rail	..	..	..	2193	..	..	..	666	..	2859	..
Domestic aviation	..	..	..	5072	..	..	..	..	..	5072	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	42023	..	..	3521	..	45544	..
Transport, n.e.s	..	..	..	..	..	..	..	1318	..	1318	..
Other	6287	..	..	31420	548215	*219	..	97726	100112	783979	*219
Agriculture, forestry, fishing	176	..	..	20109	4840	..	..	54461	..	79585	..
Commerce, public services	..	..	..	..	90569	..	..	12960	..	103529	..
Households	630	..	..	6116	452806	..	..	30305	..	489857	..
Other consumers	5481	..	..	5195	..	*219	..	..	100112	111007	*219
Non-energy use	..	..	1946	10251	50328	..	..	..	..	62525	..

Uzbekistan

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	65144	..	106601	..	1919718	219	..	42588	..	2134271	42807
Imports	293	..	690	..	..	..	..	39020	..	40003	..
Exports	-601	..	..	-7238	-548449	..	..	-44348	..	-600637	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	64836	..	107291	-7238	1371269	219	..	37260	..	1573637	42807
Statistical difference	0	..	0	-89	0	0	..	0	0	-89	42588
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-43390	..	-104246	102452	-561190	..	..	167360	119947	-319066	..
Electricity plants	-23285	..	..	-768	-245656	..	..	91836	..	-177873	..
CHP plants	-20032	..	..	-1050	-251109	..	..	75524	59137	-137530	..
Heat plants	-73	..	..	-2101	-64425	..	..	..	60810	-5789	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-104246	106371	..	..	..	..	..	2125	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	-103	..	-212	-4032	-46410	..	..	-17507	0	-68263	..
Losses	-572	..	-1100	..	-43537	..	..	-18007	..	-63215	..
Final consumption	20772	..	1734	91271	720132	*219	..	169106	119947	1123182	*219
Final energy consumption	20772	..	..	81985	684768	*219	..	169106	119947	1076797	*219
Manufacturing, const., mining	9517	..	..	5847	172912	..	..	64760	..	253036	..
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	40	..	..	..	..	..	40	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	133	..	..	..	..	..	133	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	343	..	..	..	..	..	343	..
Construction	..	..	..	4734	..	..	..	..	..	4734	..
Industries n.e.s	9517	..	..	597	172912	..	..	64760	..	247786	..
Transport	..	..	..	50606	38001	..	..	5566	..	94173	..
Road	..	..	..	44173	1678	..	..	..	..	45850	..
Rail	..	..	..	1935	..	..	..	673	..	2608	..
Domestic aviation	..	..	..	4499	..	..	..	..	..	4499	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	36323	..	..	3560	..	39884	..
Transport, n.e.s	..	..	..	..	..	..	..	1332	..	1332	..
Other	11254	..	..	25532	473855	*219	..	98780	119947	729588	*219
Agriculture, forestry, fishing	191	..	..	17697	4184	..	..	55048	..	77119	..
Commerce, public services	..	..	..	..	78283	..	..	13100	..	91383	..
Households	703	..	..	3248	391388	..	..	30632	..	425972	..
Other consumers	10360	..	..	4587	..	*219	..	..	119947	135113	*219
Non-energy use	..	..	1734	9286	35365	..	..	..	..	46385	..

Vanuatu

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production	886	..	*49	935	935
Imports	..	2397	..	..	1	..	2398	1
Exports	-5	..	..	-5	-5
International marine bunkers	..	*-170	..	..	..	..	*-170	..
International aviation bunkers	..	*-287	..	..	..	..	*-287	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	..	1941	..	881	1	*49	2871	930
Statistical Difference	..	1	..	0	0	0	1	49
Transfers
Transformation	..	*-458	..	*-88	18	*180	*-348	*-70
Electricity plants	..	*-458	..	*-55	..	*180	*-333	*-55
Charcoal plants	*-33	18	..	*-15	*-15
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-8	*-8	..
Losses	*-11	*-11	..
Final consumption	..	*1482	..	*793	*18	210	*2503	*811
Final energy consumption	..	*1398	..	*793	*18	210	*2419	*811
Manufacturing, const., mining
Transport	..	*1336	..	..	..	..	*1336	..
Road	..	*1194	..	..	..	..	*1194	..
Domestic aviation
Domestic navigation	..	*142	..	..	..	..	*142	..
Other transport
Other	..	*61	..	*793	*18	210	*1082	*811
Agriculture, forestry, fishing
Commerce and public services
Households	..	*61	..	*793	*18	210	*1082	*811
Other consumers
Non-energy use	..	*84	..	..	..	..	*84	..
2016								
Primary production	859	..	*52	911	911
Imports	..	2638	..	..	1	..	2638	1
Exports	-5	..	..	-5	-5
International marine bunkers	..	*-174	..	..	..	..	*-174	..
International aviation bunkers	..	*-287	..	..	..	..	*-287	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	..	2177	..	853	1	*52	3083	906
Statistical Difference	..	*-2	..	0	0	0	-2	52
Transfers
Transformation	..	*-559	..	*-60	18	*203	*-399	*-43
Electricity plants	..	*-559	..	*-27	..	*203	*-384	*-27
Charcoal plants	*-33	18	..	*-15	*-15
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-7	*-7	..
Losses	*-13	*-13	..
Final consumption	..	*1621	..	*793	*18	235	*2667	*811
Final energy consumption	..	*1532	..	*793	*18	235	*2578	*811
Manufacturing, const., mining
Transport	..	*1471	..	..	..	..	*1471	..
Road	..	*1304	..	..	..	..	*1304	..
Domestic aviation
Domestic navigation	..	*167	..	..	..	..	*167	..
Other transport
Other	..	*61	..	*793	*18	235	*1108	*811
Agriculture, forestry, fishing
Commerce and public services
Households	..	*61	..	*793	*18	235	*1108	*811
Other consumers
Non-energy use	..	*88	..	..	..	..	*88	..

Venezuela (Bolivar. Rep.)

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	25368	..	6187251	..	836673	41469	..	269931	..	7360693	311400
Imports	43430	12872	..	..	0	..	56302	..
Exports	-19653	..	-4166085	-694722	..	..	..	-3506	..	-4883965	..
International marine bunkers	-34467	..	..	..	..	..	-34467	..
International aviation bunkers	-29238	..	..	..	..	..	-29238	..
Stock changes	1970	..	..	..	..	..	1970	..
Total energy supply	5715	..	2021167	-713027	849545	41469	..	266426	..	2471294	311400
Statistical difference	0	..	0	4941	-40910	*-1	..	9052	..	-26917	269930
Transfers
Transformation	-2021167	1731012	-304231	*-221	..	193801	..	-400805	*-221
Electricity plants	-245724	-304231	..	..	193801	..	-356153	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-116025	124162	..	..	..	..	..	8137	..
Oil refineries	-1905142	1852574	..	..	..	..	..	-52568	..
Other transformation	*-221	..	..	..	*-221	*-221
Energy industries own use	-131856	-253407	..	..	-11085	..	-396347	..
Losses	*-130835	..	*-130835	..
Final consumption	5715	..	..	881189	332817	*41248	..	309255	..	1570225	*41248
Final energy consumption	5715	..	..	845210	332817	*41248	..	309255	..	1534246	*41248
Manufacturing, const., mining	5715	..	..	186833	283208	*29258	..	*90957	..	595970	*29258
Iron and steel	99252	..	..	*7403	..	106655	..
Chemical and petrochemical	80174	87649	..	..	*8647	..	176470	..
Non-ferrous metals	13643	..	..	*21790	..	*35434	..
Non-metallic minerals	5715	..	..	2182	21486	..	..	..	..	29383	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	*19440	..	..	..	*19440	*19440
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	104477	61178	*9818	..	*53116	..	228589	*9818
Transport	610956	280	..	..	868	..	612103	..
Road	610956	..	..	..	..	..	610956	..
Rail	868	..	868	..
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s	280	..	..	..	..	280	..
Other	47421	49330	*11991	..	217430	..	326172	*11991
Agriculture, forestry, fishing	2065	..	2065	..
Commerce, public services	12659	10071	*2242	..	83904	..	108876	*2242
Households	34762	39259	*9749	..	131461	..	215231	*9749
Other consumers
Non-energy use	35979	..	..	..	..	..	35979	..

Venezuela (Bolivar. Rep.)

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	22892	..	5569822	..	892022	39032	..	227019	..	6750789	266052
Imports	56459	0	..	..	0	..	56459	..
Exports	-17727	..	-3795960	-642191	..	..	..	-3986	..	-4459864	..
International marine bunkers	-28290	..	..	..	..	..	-28290	..
International aviation bunkers	-20595	..	..	..	..	..	-20595	..
Stock changes	1608	..	..	..	..	..	1608	..
Total energy supply	5165	..	1773862	-633008	892022	39032	..	223033	..	2300107	266052
Statistical difference	0	..	0	-32413	69042	1	..	8946	..	45575	227020
Transfers
Transformation	-1773862	1504924	-293872	*-180	..	198250	..	-364740	*-180
Electricity plants	-221886	-293872	..	..	198250	..	-317508	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-111030	118818	..	..	..	..	..	7787	..
Oil refineries	-1662832	1607992	..	..	..	..	..	-54840	..
Other transformation	*-180	..	..	..	*-180	*-180
Energy industries own use	-117571	-270170	..	..	-10498	..	-398240	..
Losses	*-112835	..	*-112835	..
Final consumption	5165	..	..	786758	258939	*38852	..	289004	..	1378718	*38852
Final energy consumption	5165	..	..	757251	258939	*38852	..	289004	..	1349211	*38852
Manufacturing, const., mining	5165	..	..	173454	215237	*28005	..	*79098	..	500960	*28005
Iron and steel	75432	..	..	*6438	..	81870	..
Chemical and petrochemical	77619	66613	..	..	*7520	..	151751	..
Non-ferrous metals	10369	..	..	*18949	..	*29318	..
Non-metallic minerals	5165	..	..	1778	16329	..	..	..	..	23272	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	*19698	..	..	..	*19698	*19698
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	94057	46495	*8307	..	*46191	..	195051	*8307
Transport	537885	299	..	..	796	..	538979	..
Road	537885	..	..	..	..	..	537885	..
Rail	796	..	796	..
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s	299	..	..	..	..	299	..
Other	45912	43403	*10847	..	209111	..	309273	*10847
Agriculture, forestry, fishing	1971	..	1971	..
Commerce, public services	12238	10737	*2024	..	77296	..	102295	*2024
Households	33674	32666	*8823	..	129843	..	205006	*8823
Other consumers
Non-energy use	29507	..	..	..	..	..	29507	..

Viet Nam

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	976854	..	800823	..	374367	684293	..	207054	..	3043392	891347
Imports	12948	5358	7699	538130	..	..	..	6152	..	570287	..
Exports	*-40984	-4850	-401258	-66569	..	..	..	-2898	..	-516559	..
International marine bunkers	..	..	..	-6585	..	..	..	..	..	-6585	..
International aviation bunkers	..	..	..	-41366	..	..	..	..	..	-41366	..
Stock changes	-30316	..	*-46530	-263	..	..	..	..	..	*-77109	..
Total energy supply	918503	508	360734	423347	374367	684293	..	210308	..	2972060	891347
Statistical difference	39084	0	28510	31793	-18276	33	..	-13039	..	68106	207087
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-529856	..	-308959	292707	-330209	-39930	..	*361562	..	-554685	-39930
Electricity plants	*-529856	..	..	-10446	-330209	-672	..	*361562	..	*-509621	-672
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-7868	8263	..	..	..	..	..	396	..
Oil refineries	..	..	-301091	294891	..	..	..	..	..	-6201	..
Other transformation	..	..	..	..	..	-39258	..	..	..	-39258	-39258
Energy industries own use	..	..	*-23265	..	..	..	..	*-22504	..	*-45769	..
Losses	..	..	..	..	..	..	..	*-45148	..	*-45148	..
Final consumption	349562	508	..	684260	62434	644330	..	517259	..	2258353	644330
Final energy consumption	349562	508	..	612222	62434	644330	..	517259	..	2186314	644330
Manufacturing, const., mining	265274	508	..	71188	62434	148734	..	277880	..	826017	148734
Iron and steel	..	..	..	2913	2509	..	..	..	..	5422	..
Chemical and petrochemical	32215	..	..	3337	25544	..	..	..	..	61095	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	1088	..	..	..	..	..	1088	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	520	3011	..	..	..	..	3531	..
Paper, pulp and printing	..	..	..	284	1387	..	..	..	..	1671	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	757	1033	..	..	..	..	1790	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	233059	508	..	62290	28950	148734	..	277880	..	751421	148734
Transport	..	..	..	451267	..	..	..	..	..	451267	..
Road	..	..	..	439292	..	..	..	..	..	439292	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	10319	..	..	..	..	..	10319	..
Domestic navigation	..	..	..	1656	..	..	..	..	..	1656	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	*84288	..	..	89767	..	495596	..	239378	..	909030	495596
Agriculture, forestry, fishing	*1032	..	..	17653	..	..	..	8377	..	27062	..
Commerce, public services	*19343	..	..	35088	..	131	..	27173	..	81734	131
Households	*63914	..	..	37026	..	495465	..	181357	..	777762	495465
Other consumers	..	..	..	..	..	..	..	22471	..	22471	..
Non-energy use	..	..	..	72038	..	..	..	..	..	72038	..

Viet Nam

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	903304	..	679071	..	372612	689788	..	235472	..	2880247	925260
Imports	26734	5696	18401	650456	..	..	..	5360	..	706647	..
Exports	-18804	-5161	-289670	-133077	..	..	..	-2660	..	-449372	..
International marine bunkers	..	..	..	-8363	..	..	..	..	..	-8363	..
International aviation bunkers	..	..	..	-61608	..	..	..	..	..	-61608	..
Stock changes	-15638	..	*-45980	-129	..	..	..	..	..	*-61747	..
Total energy supply	895596	536	361821	447280	372612	689788	..	238172	..	3005805	925260
Statistical difference	-2204	0	0	-14972	-24557	33	..	15181	..	-26518	235505
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-614098	..	-338556	327533	-330222	-40355	..	417571	..	-578126	-40355
Electricity plants	-614098	..	..	-15518	-330222	-679	..	417571	..	-542945	-679
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-36111	36119	..	..	..	..	..	8	..
Oil refineries	..	..	-302445	306932	..	..	..	..	..	4487	..
Other transformation	..	..	..	..	..	-39676	..	..	..	-39676	-39676
Energy industries own use	..	..	*-23265	..	..	..	..	-15880	..	*-39145	..
Losses	..	..	..	..	..	..	..	*-49435	..	*-49435	..
Final consumption	283702	536	..	789784	66947	649400	..	575248	..	2365617	649400
Final energy consumption	283702	536	..	717907	66947	649400	..	575248	..	2293740	649400
Manufacturing, const., mining	195194	536	..	85677	66947	148407	..	308470	..	805230	148407
Iron and steel	..	..	..	3425	2692	..	..	..	..	6117	..
Chemical and petrochemical	10176	..	..	3979	27390	..	..	..	..	41544	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	1507	..	..	..	..	..	1507	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	750	3228	..	..	..	..	3978	..
Paper, pulp and printing	..	..	..	466	1488	..	..	..	..	1954	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	1081	1108	..	..	..	..	2189	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	185018	536	..	74470	31041	148407	..	308470	..	747942	148407
Transport	..	..	..	519328	..	..	..	..	..	519328	..
Road	..	..	..	501881	..	..	..	..	..	501881	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	15347	..	..	..	..	..	15347	..
Domestic navigation	..	..	..	2101	..	..	..	..	..	2101	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	*88509	..	..	112901	..	500994	..	266778	..	969181	500994
Agriculture, forestry, fishing	*1079	..	..	20296	..	..	..	13010	..	34385	..
Commerce, public services	*20304	..	..	43875	..	132	..	31417	..	95728	132
Households	*67126	..	..	48731	..	500862	..	197971	..	814689	500862
Other consumers	..	..	..	..	..	..	..	24379	..	24379	..
Non-energy use	..	..	..	71878	..	..	..	..	..	71878	..

Wallis and Futuna Is.

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2015								
Primary production
Imports	..	380	..	..	..	..	380	..
Exports
International marine bunkers
International aviation bunkers	..	-42	..	..	..	..	-42	..
Stock changes
Total energy supply	..	338	..	..	..	..	338	..
Statistical Difference	..	0	..	..	..	0	0	..
Transfers
Transformation	..	*-225	..	..	..	66	*-159	..
Electricity plants	..	*-225	..	..	..	66	*-159	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-8	-8	..
Losses	*-1	*-1	..
Final consumption	..	113	..	..	..	*57	169	..
Final energy consumption	..	113	..	..	..	*57	169	..
Manufacturing, const., mining
Transport	..	80	..	..	..	..	80	..
Road	..	80	..	..	..	..	80	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*33	..	..	..	*57	*89	..
Agriculture, forestry, fishing
Commerce and public services
Households	*34	*34	..
Other consumers	..	*33	..	..	..	*23	*56	..
Non-energy use
2016								
Primary production
Imports	..	402	..	..	..	..	402	..
Exports
International marine bunkers
International aviation bunkers	..	-48	..	..	..	..	-48	..
Stock changes
Total energy supply	..	354	..	..	..	..	354	..
Statistical Difference	..	0	..	..	..	0	0	..
Transfers
Transformation	..	*-236	..	..	..	72	*-164	..
Electricity plants	..	*-236	..	..	..	72	*-164	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	-13	-13	..
Final consumption	..	118	..	..	..	*59	177	..
Final energy consumption	..	118	..	..	..	*59	177	..
Manufacturing, const., mining
Transport	..	84	..	..	..	..	84	..
Road	..	84	..	..	..	..	84	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*35	..	..	..	*59	*94	..
Agriculture, forestry, fishing
Commerce and public services
Households	*34	*34	..
Other consumers	..	*35	..	..	..	*25	*59	..
Non-energy use

Yemen

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	64499	..	102829	4886	..	1976	..	174190	6862
Imports	3457	..	..	115213	..	..	..	..	..	118670	..
Exports	-18189	-25631	-68191	..	..	..	..	-112011	..
International marine bunkers	-2845	..	..	..	..	..	-2845	..
International aviation bunkers	-529	..	..	..	..	..	-529	..
Stock changes
Total energy supply	3457	..	46310	86208	34637	4886	..	1976	..	177475	6862
Statistical difference	0	..	0	43	4964	0	..	1012	..	6019	1976
Transfers
Transformation	-44576	10480	-25887	-2556	..	19685	..	-42853	-2556
Electricity plants	-33638	-25887	..	..	19685	..	-39840	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-4729	5061	..	..	..	..	..	332	..
Oil refineries	-39847	39057	..	..	..	..	..	-790	..
Other transformation	-2556	..	..	..	-2556	-2556
Energy industries own use	-1734	-732	-3786	..	..	-3096	..	-9349	..
Losses	-5058	..	-5058	..
Final consumption	3457	..	..	95912	..	2331	..	12496	..	114196	2331
Final energy consumption	3457	..	..	95631	..	2331	..	12496	..	113914	2331
Manufacturing, const., mining	3457	..	..	12128	..	..	..	414	..	15999	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	3457	..	..	..	..	..	..	..	..	3457	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	12128	..	..	..	414	..	12542	..
Transport	44773	..	..	..	..	..	44773	..
Road	44773	..	..	..	..	..	44773	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	38730	..	2331	..	12082	..	53142	2331
Agriculture, forestry, fishing	2537	..	..	..	..	..	2537	..
Commerce, public services	4205	..	..	..	1930	..	6135	..
Households	31988	..	..	..	8791	..	40779	..
Other consumers	2331	..	1361	..	3691	2331
Non-energy use	281	..	..	..	..	..	281	..

Yemen

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	39591	..	18041	4999	..	2635	..	65266	7634
Imports	3122	..	..	86279	..	..	..	..	..	89401	..
Exports	0	0	..	..	..	..	..	0	..
International marine bunkers	-2145	..	..	..	..	..	-2145	..
International aviation bunkers	-265	..	..	..	..	..	-265	..
Stock changes	-8625	..	..	..	..	..	-8625	..
Total energy supply	3122	..	39591	75245	18041	4999	..	2635	..	143633	7634
Statistical difference	0	..	0	1088	0	0	..	-2761	..	-1673	2635
Transfers
Transformation	-38534	7779	-18041	-2610	..	15527	..	-35878	-2610
Electricity plants	-28720	-18041	..	..	15527	..	-31233	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-2917	3122	..	..	..	..	..	205	..
Oil refineries	-35617	33377	..	..	..	..	..	-2240	..
Other transformation	-2610	..	..	..	-2610	-2610
Energy industries own use	-1058	-652	..	..	..	-2430	..	-4139	..
Losses	-3971	..	-3971	..
Final consumption	3122	..	..	81285	..	2390	..	14522	..	101319	2390
Final energy consumption	3122	..	..	81044	..	2390	..	14522	..	101077	2390
Manufacturing, const., mining	3122	..	..	9456	..	..	..	324	..	12901	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	3122	..	..	..	..	..	..	..	..	3122	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	9456	..	..	..	324	..	9780	..
Transport	39084	..	..	..	..	..	39084	..
Road	39084	..	..	..	..	..	39084	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	32504	..	2390	..	14198	..	49092	2390
Agriculture, forestry, fishing	1677	..	..	..	..	..	1677	..
Commerce, public services	3264	..	..	..	1516	..	4779	..
Households	27563	..	..	..	11614	..	39177	..
Other consumers	2390	..	1069	..	3459	2390
Non-energy use	241	..	..	..	..	..	241	..

Zambia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	3928	..	..	..	..	334612	..	46926	..	385466	381538
Imports	0	*1579	27199	20086	..	..	..	2827	..	51691	..
Exports	0	*-85	..	-748	..	..	..	-4233	..	-5066	..
International marine bunkers
International aviation bunkers	-1940	..	..	..	..	..	-1940	..
Stock changes
Total energy supply	3928	*1495	27199	17398	..	334612	..	45519	..	430151	381538
Statistical difference	0	0	846	-572	..	0	..	0	..	274	46926
Transfers
Transformation	-26353	22367	..	-76305	..	1459	..	-78831	-76305
Electricity plants	-3702	..	..	..	1459	..	-2243	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-26353	26069	..	..	..	..	..	-284	..
Other transformation	-76305	..	..	..	-76305	-76305
Energy industries own use	-644	..	..	..	-1	..	-645	..
Losses	-5758	..	-5758	..
Final consumption	3928	*1495	..	39693	..	*258307	..	41220	..	*344643	*258307
Final energy consumption	3928	*1495	..	36839	..	*258307	..	41220	..	*341789	*258307
Manufacturing, const., mining	3928	*1495	..	15745	..	66949	..	24695	..	112811	66949
Iron and steel
Chemical and petrochemical
Non-ferrous metals	1785	..	..	..	22484	..	24270	..
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying	11051	..	89	..	246	..	11385	89
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather	2360	..	..	..	2360	2360
Construction	2193	..	..	..	55	..	2248	..
Industries n.e.s	3928	*1495	..	715	..	64500	..	1911	..	72549	64500
Transport	17169	..	..	..	120	..	17289	..
Road	16524	..	..	..	..	..	16524	..
Rail	645	..	..	..	120	..	765	..
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	3925	..	*191359	..	16404	..	*211688	*191359
Agriculture, forestry, fishing	1247	..	..	..	937	..	2184	..
Commerce, public services	1285	..	..	..	2577	..	3862	..
Households	142	..	*191359	..	12535	..	*204036	*191359
Other consumers	1251	..	..	..	355	..	1606	..
Non-energy use	2854	..	..	..	..	..	2854	..

Zambia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	8104	..	..	..	..	369508	..	39690	..	417302	409198
Imports	0	*1466	20468	25653	..	..	..	7866	..	55454	..
Exports	0	*-56	..	-445	..	..	..	-2858	..	-3360	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-1676	..	..	..	..	..	-1676	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	8104	*1410	20468	23532	..	369508	..	44698	..	467720	409198
Statistical difference	0	0	0	0	..	0	..	0	..	0	39690
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-3928	..	-20468	16428	..	-85352	..	2412	..	-90909	-85352
Electricity plants	-3928	..	..	-3177	..	..	..	2412	..	-4693	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-20468	19605	..	..	..	..	..	-864	..
Other transformation	..	..	..	..	..	-85352	..	..	..	-85352	-85352
Energy industries own use	..	..	..	-495	..	..	..	-1170	..	-1665	..
Losses	..	..	..	..	..	..	..	-6851	..	-6851	..
Final consumption	4175	*1410	..	39465	..	*284156	..	39089	..	*368295	*284156
Final energy consumption	4175	*1410	..	36530	..	*284156	..	39089	..	*365360	*284156
Manufacturing, const., mining	4175	*1410	..	15362	..	68672	..	23238	..	112856	68672
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	937	..	..	..	21305	..	22242	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	11352	..	89	..	216	..	11657	89
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	2419	..	..	..	2419	2419
Construction	..	..	..	2236	..	..	..	25	..	2261	..
Industries n.e.s	4175	*1410	..	837	..	66164	..	1692	..	74278	66164
Transport	..	..	..	17211	..	..	..	101	..	17312	..
Road	..	..	..	16566	..	..	..	..	..	16566	..
Rail	..	..	..	645	..	..	..	101	..	746	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	3958	..	*215485	..	15750	..	*235192	*215485
Agriculture, forestry, fishing	..	..	..	1290	..	..	..	821	..	2111	..
Commerce, public services	..	..	..	1184	..	..	..	2462	..	3647	..
Households	..	..	..	189	..	*215485	..	12179	..	*227853	*215485
Other consumers	..	..	..	1294	..	..	..	288	..	1582	..
Non-energy use	..	..	..	2935	..	..	..	..	..	2935	..

Zimbabwe

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2015											
Primary production	117703	..	..	..	..	313970	..	17781	..	449454	331752
Imports	648	..	..	53342	..	..	..	4100	..	58091	..
Exports	0	-5275	..	..	..	..	..	-4460	..	-9736	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-1103	..	..	..	..	..	-1103	..
Stock changes	-24296	..	..	..	..	..	..	..	..	-24296	..
Total energy supply	94054	-5275	..	52239	..	313970	..	17421	..	472409	331752
Statistical difference	-135	0	..	757	..	0	..	2531	..	3153	17781
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-86414	9757	..	-645	..	-2554	..	16498	..	-63357	-2554
Electricity plants	-74266	..	..	-645	..	-1841	..	16498	..	-60254	-1841
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-12148	9757	..	..	..	..	..	..	..	-2391	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	-713	..	..	..	-713	-713
Energy industries own use	..	-729	..	-645	..	..	..	-680	..	-2054	..
Losses	..	..	..	..	..	..	..	-5954	..	-5954	..
Final consumption	7775	3753	..	50193	..	*311417	..	24754	..	*397891	*311417
Final energy consumption	7775	3753	..	49348	..	*311417	..	24754	..	*397047	*311417
Manufacturing, const., mining	6506	3753	..	2108	..	5762	..	9086	..	27216	5762
Iron and steel	27	2824	..	80	..	..	..	..	..	2931	..
Chemical and petrochemical	54	..	..	87	..	..	..	..	..	141	..
Non-ferrous metals	0	..	..	..	..	..	..	..	..	0	..
Non-metallic minerals	2214	..	..	259	..	..	..	..	..	2473	..
Transport equipment	27	..	..	..	..	..	..	..	..	27	..
Machinery	54	..	..	87	..	..	..	..	..	141	..
Mining and quarrying	54	..	..	732	..	..	..	6102	..	6888	..
Food and tobacco	2673	..	..	300	..	..	..	..	..	2972	..
Paper, pulp and printing	486	..	..	87	..	..	..	..	..	573	..
Wood and wood products	837	..	..	43	..	..	..	..	..	880	..
Textile and leather	81	..	..	43	..	..	..	..	..	124	..
Construction	..	..	..	214	..	..	..	..	..	214	..
Industries n.e.s	0	929	..	176	..	5762	..	2984	..	9852	5762
Transport	486	..	..	34240	..	1152	..	..	..	35878	1152
Road	..	..	..	32606	..	1152	..	..	..	33758	1152
Rail	486	..	..	1634	..	..	..	..	..	2120	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	783	..	..	13000	..	*304503	..	15667	..	*333952	*304503
Agriculture, forestry, fishing	513	..	..	5350	..	15845	..	3499	..	25207	15845
Commerce, public services	270	..	..	..	..	..	..	3978	..	4248	..
Households	..	..	..	2961	..	*288658	..	8014	..	*299632	*288658
Other consumers	..	..	..	4689	..	..	..	176	..	4866	..
Non-energy use	..	..	..	844	..	..	..	..	..	844	..

Zimbabwe

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2016											
Primary production	44161	..	..	..	..	325342	..	10494	..	379997	335837
Imports	648	..	..	47656	..	..	..	7992	..	56296	..
Exports	0	-5301	..	..	..	..	..	-1328	..	-6629	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-1897	..	..	..	..	..	-1897	..
Stock changes	38523	..	..	..	..	..	..	..	..	38523	..
Total energy supply	83332	-5301	..	45758	..	325342	..	17158	..	466290	335837
Statistical difference	346	0	..	324	..	0	..	328	..	998	10494
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-76075	9787	..	-559	..	-2478	..	15029	..	-54295	-2478
Electricity plants	-63900	..	..	-559	..	-1738	..	15029	..	-51168	-1738
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-12175	9787	..	..	..	..	..	..	..	-2388	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	-740	..	..	..	-740	-740
Energy industries own use	..	-729	..	-559	..	..	..	-125	..	-1412	..
Losses	..	..	..	..	..	..	..	-5519	..	-5519	..
Final consumption	6911	3758	..	44316	..	*322865	..	26215	..	*404065	*322865
Final energy consumption	6911	3758	..	43472	..	*322865	..	26215	..	*403221	*322865
Manufacturing, const., mining	6479	3758	..	2108	..	5973	..	9522	..	27841	5973
Iron and steel	27	2829	..	80	..	..	..	..	..	2936	..
Chemical and petrochemical	54	..	..	87	..	..	..	..	..	141	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	2214	..	..	259	..	..	..	..	..	2473	..
Transport equipment	27	..	..	..	..	..	..	..	..	27	..
Machinery	54	..	..	87	..	..	..	..	..	141	..
Mining and quarrying	54	..	..	732	..	..	..	5263	..	6049	..
Food and tobacco	2673	..	..	300	..	..	..	..	..	2972	..
Paper, pulp and printing	459	..	..	87	..	..	..	..	..	546	..
Wood and wood products	837	..	..	43	..	..	..	..	..	880	..
Textile and leather	81	..	..	43	..	..	..	..	..	124	..
Construction	..	..	..	214	..	..	..	..	..	214	..
Industries n.e.s	0	929	..	176	..	5973	..	4259	..	11337	5973
Transport	135	..	..	29415	..	1179	..	..	..	30729	1179
Road	..	..	..	28039	..	1179	..	..	..	29218	1179
Rail	135	..	..	1376	..	..	..	..	..	1511	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	297	..	..	11949	..	*315713	..	16693	..	*344651	*315713
Agriculture, forestry, fishing	216	..	..	4530	..	16425	..	1764	..	22935	16425
Commerce, public services	81	..	..	..	..	..	..	4882	..	4963	..
Households	..	..	..	3460	..	*299288	..	9832	..	*312579	*299288
Other consumers	..	..	..	3958	..	..	..	216	..	4174	..
Non-energy use	..	..	..	844	..	..	..	..	..	844	..