

2017 Energy Balances



Department of Economic and Social Affairs
Statistics Division

2017

Energy Balances



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Statistics compiled as of February 2020

INTRODUCTION

The *Energy Balances 2017* 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 sixth 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 sixth 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, 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 unstats.un.org/unsd/energystats/methodology/ires/

² For details, see unstats.un.org/unsd/energystats/pubs/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 unstats.un.org/unsd/energystats/methodology/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 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

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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 country (goods in transit) and goods temporarily withdrawn are excluded but re-exports, foreign goods

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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.

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

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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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 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

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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
- 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)

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- 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 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.

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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 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).

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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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).

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

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

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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 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.

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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°C and 210°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°C to 170°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°C to 220°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°C and 250°C. They are obtained by blending 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 C_9 to C_{16} 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

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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.

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

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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 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.

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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.

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.

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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	2016	2017
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	28.0	25.2
Canada	25.0	25.0
Chile	16.8	17.0
China	20.8	20.8
Colombia	27.2	27.2
Czechia	27.5	26.6
Egypt	25.7	25.7
France	27.6	27.2
Georgia	25.2	25.2
Germany	29.1	29.1
India	16.5	16.1
Indonesia	25.9	25.9
Iran (Islamic Republic of)	27.8	28.0
Italy	25.9	25.1
Kazakhstan	18.6	18.6
Korea, Democratic People's Republic of	26.5	26.5
Korea, Republic of	18.6	19.4
Kyrgyzstan	18.6	18.6
Malaysia	26.4	26.4
Mexico	29.3	29.3
Mongolia	28.3	28.3
Mozambique	27.0	26.9
New Zealand	30.2	29.7
Niger	16.0	16.0
Norway	28.1	28.1
Pakistan	18.8	18.8
Peru	27.3	27.1
Poland	24.0	23.9
Russian Federation	26.1	26.1
South Africa	23.7	23.7
Spain	19.6	19.5
Sri Lanka	29.3	29.3
Tajikistan	25.0	25.1
Turkey	24.2	24.6
Ukraine	24.1	23.4
United Kingdom	25.1	25.1
United States	27.0	27.1
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	2016	2017
Standard factor	14.0	14.0
Albania	9.8	9.8
Australia	12.4	12.6
Bosnia and Herzegovina	10.8	10.7
Bulgaria	6.8	6.9
Canada	16.7	16.7
Czechia	12.5	12.5
Georgia	17.0	17.0
Germany	9.0	9.0
Greece	5.1	5.1
Hungary	6.6	6.7
India	9.5	9.5
Indonesia	21.1	21.2
Kazakhstan	14.7	14.7
Korea, Democratic People's Republic of	17.6	17.6
Kyrgyzstan	14.7	14.7
Mexico	19.8	19.6
Mongolia	14.4	14.4
Montenegro	9.2	9.2
New Zealand	19.2	19.5
North Macedonia	6.1	7.0
Philippines	22.1	22.1
Poland	8.1	8.3
Romania	7.7	7.3
Russian Federation	14.9	14.9
Serbia	7.8	7.6
Slovakia	13.8	10.2
Slovenia	10.2	11.6
Spain	13.5	13.5
Tajikistan	17.0	17.0
Thailand	10.6	10.6
Turkey	8.6	8.6
United States	18.1	18.2
Uzbekistan	14.7	14.7
 COKE OVEN COKE	 2016	 2017
Standard factor	28.2	28.2
Argentina	28.5	28.5
Australia	27.0	27.0
Austria	28.9	28.6
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	2016	2017
Canada	27.5	27.5
Chile	28.6	28.6
China	28.5	28.5
Colombia	20.1	20.1
Czechia	28.7	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	29.9	29.6
Italy	29.0	29.0
Japan	29.2	29.2
Kazakhstan	25.1	25.1
Korea, Republic of	28.9	28.9
Mexico	28.4	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	28.3	28.4
South Africa	26.5	26.5
Spain	26.8	26.8
Sweden	28.1	28.1
Turkey	27.0	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	2016	2017
Standard factor	20.7	20.7
France	32.0	32.0
Germany	31.4	31.4
Hungary	20.7	20.7
Korea, Republic of	18.6	19.4
Poland	23.8	23.2
United Kingdom	28.3	28.3
BROWN COAL BRIQUETTES	2016	2017
Standard factor	20.7	20.7
Australia	22.0	22.0
Belgium	20.7	20.7
Bulgaria	11.6	11.6

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

PRODUCTION, EXPORTS AND CHANGES IN STOCKS

BROWN COAL BRIQUETTES	2016	2017
Czechia	23.4	23.3
Germany	21.4	21.2
Serbia	17.7	17.6
PEAT	2016	2017
Standard factor	9.8	9.8
Austria	9.8	9.8
Belarus	10.0	9.4
Burundi	14.7	14.7
Estonia	10.7	10.1
Falkland Islands (Malvinas)	9.5	9.5
Finland	10.0	9.9
Ireland	8.9	8.7
Lithuania	11.7	11.7
Russian Federation	10.0	10.0
Sweden	12.5	12.5
Ukraine	9.7	9.7
OIL SHALE	2016	2017
Standard factor	8.9	8.9
Estonia	8.3	8.0
Israel	4.0	4.0

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS

HARD COAL	2016	2017
Albania	25.2	25.2
Argentina	28.4	28.8
Australia	27.6	28.1
Austria	28.1	28.4
Bangladesh	20.9	20.9
Belarus	25.2	24.5
Belgium	27.8	29.4
Bosnia and Herzegovina	29.1	29.1
Brazil	30.5	30.5
Bulgaria	28.0	25.2
Canada	28.0	27.9
Chile	23.9	24.1
China	18.5	18.3
China, Hong Kong SAR	26.4	26.4
Croatia	25.1	25.1
Czechia	26.1	26.5
Denmark	23.3	24.3
Egypt	25.7	25.7
Estonia	27.2	22.0
Finland	26.7	26.6
France	27.6	27.2
Georgia	25.2	25.2
Germany	27.5	26.6
Greece	25.5	23.3
Hungary	31.1	29.4
Iceland	28.1	28.1
India	26.5	26.6
Indonesia	28.2	28.2
Iran (Islamic Republic of)	28.1	26.1
Ireland	25.1	25.8
Israel	24.9	24.9
Italy	25.9	25.1
Japan	25.5	25.9
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	24.8
Kyrgyzstan	20.8	20.5
Latvia	23.8	24.1
Lebanon	27.7	27.7
Lithuania	25.1	25.1
Luxembourg	24.7	24.6
Malaysia	26.4	26.4
Mauritius	25.8	26.0
Mexico	26.1	26.0
Moldova, Republic of	23.9	24.2
Morocco	27.6	27.6

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS		
HARD COAL	2016	2017
Namibia	22.7	22.7
Nepal	25.1	25.1
Netherlands	25.3	26.2
New Caledonia	26.0	26.0
New Zealand	26.0	26.6
North Macedonia	26.1	26.2
Norway	28.1	28.1
Pakistan	27.6	27.6
Peru	30.5	30.5
Poland	24.6	24.9
Portugal	24.7	24.9
Romania	25.7	25.6
Russian Federation	25.3	25.6
Serbia	25.7	25.6
Senegal	25.9	25.9
Slovakia	29.0	29.0
Slovenia	27.3	27.4
South Africa	31.0	31.0
Spain	24.1	24.1
Sri Lanka	29.3	29.3
Sweden	29.1	29.0
Switzerland	25.5	25.5
Tajikistan	25.0	25.0
Thailand	26.4	26.4
Turkey	26.8	26.7
Ukraine	25.8	25.5
United Arab Emirates	27.7	27.7
United Kingdom	26.9	26.9
United States	24.9	25.1
Viet Nam	25.8	25.8
Zambia	23.4	23.4
Zimbabwe	27.0	27.0
BROWN COAL	2016	2017
Albania	9.8	9.8
Austria	20.5	20.3
Bangladesh	11.9	11.9
Bosnia and Herzegovina	10.8	10.7
Cambodia	19.9	19.9
Canada	17.9	17.9

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS		
BROWN COAL	2016	2017
Croatia	16.9	17.1
Czechia	14.0	14.0
France	17.0	17.0
Germany	18.4	18.4
Greece	5.1	5.1
Hungary	17.9	17.9
Israel	20.8	20.8
Italy	18.7	17.0
Kazakhstan	14.7	14.7
Korea, Republic of	21.4	21.4
Mexico	19.0	19.0
Montenegro	9.2	9.2
Netherlands	20.0	20.0
New Zealand	20.3	20.2
North Macedonia	20.8	22.1
Philippines	21.6	22.0
Poland	8.1	8.3
Romania	20.8	20.8
Russian Federation	14.9	14.9
Serbia	8.1	8.1
Slovakia	13.8	14.3
Slovenia	13.8	19.0
Switzerland	23.6	23.6
Ukraine	10.0	10.0
United States	19.7	19.7
Uzbekistan	14.7	14.7
COKE OVEN COKE	2016	2017
Australia	27.0	27.0
Austria	28.9	28.6
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	28.1	28.0
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	29.9	29.6
Iceland	26.7	26.7
Italy	28.4	28.4

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS		
COKE OVEN COKE	2015	2016
Japan	29.2	29.2
Kazakhstan	25.1	25.1
Korea, Republic of	28.9	28.9
Lithuania	29.3	29.3
Mexico	28.4	28.7
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	26.5	27.7
Slovenia	30.0	30.1
Spain	26.8	27.3
Sweden	28.1	28.1
Switzerland	25.5	25.5
Turkey	27.0	27.0
Ukraine	25.1	25.1
United Kingdom	29.8	29.8
United States	28.9	28.9
PATENT FUEL	2016	2017
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	2016	2017
Austria	19.8	19.8
Belgium	20.7	20.7
Czechia	20.0	20.2
France	16.9	16.9
Germany	22.1	25.6
Hungary	19.0	19.6
Ireland	19.8	19.8
Luxembourg	22.2	22.2
Netherlands	20.0	20.0

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS

	2016	2017
BROWN COAL BRIQUETTES		
Poland	17.5	17.5
Serbia	15.8	15.8
Slovakia	17.2	17.6
PEAT	2016	2017
Finland	10.0	9.9
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
2016											
Primary production	43814	..	..	..	5805	16660	..	*3336	..	69615	19996
Imports	..	*5643	..	51018	..	10	..	15597	..	72268	10
Exports	-18911	*-1867	..	..	..	0	..	..	..	-20778	0
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	*-441	..	..	..	..	..	*-441	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	24902	*3776	..	50577	5805	16671	..	18933	..	120664	20006
Statistical difference	0	0	..	0	0	0	..	*1017	..	1017	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	..	..	..	..	..	..	..	*-288	..	*-288	..
Losses	..	..	..	..	..	..	..	*-2376	..	*-2376	..
Final consumption	*21339	*5643	..	*49676	*5805	*13301	..	*15791	..	*111556	*13301
Final energy consumption	*21339	*5643	..	*48627	*5805	*13301	..	*15791	..	*110507	*13301
Manufacturing, const., mining	*21339	*5643	..	..	*5805	..	..	*3312	..	*36099	..
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	*21339	*5643	..	..	*5805	..	..	*3312	..	*36099	..
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	..	..	..	*1049	..	..	..	..	..	*1049	..

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
2017											
Primary production	56538	..	..	..	5482	16960	..	*3348	..	82327	20307
Imports	..	*5713	..	46779	..	2	..	16601	..	69094	2
Exports	-26161	*-1889	..	..	..	0	..	..	..	-28051	0
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	*-463	..	..	..	..	..	*-463	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	30377	*3824	..	46316	5482	16961	..	19948	..	122908	20309
Statistical difference	0	0	..	0	0	0	..	*1426	..	1426	3348
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	*-3720	*1889	..	*-900	..	*-3463	..	*606	..	*-5589	*-3463
Electricity plants	*-1367	..	..	*-900	..	..	..	*617	..	*-1651	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	*-2353	*1889	..	..	..	..	..	..	..	*-464	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	*-3463	..	..	..	*-3463	*-3463
Energy industries own use	..	..	..	..	..	..	..	*-317	..	*-317	..
Losses	..	..	..	..	..	..	..	*-2556	..	*-2556	..
Final consumption	*26657	*5713	..	*45415	*5482	*13498	..	*16255	..	*113020	*13498
Final energy consumption	*26657	*5713	..	*42971	*5482	*13498	..	*16255	..	*110576	*13498
Manufacturing, const., mining	*26657	*5713	..	..	*5482	..	..	*3402	..	*41254	..
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	*26657	*5713	..	..	*5482	..	..	*3402	..	*41254	..
Transport	..	..	..	*41403	..	..	..	..	..	*41403	..
Road	..	..	..	*38902	..	..	..	..	..	*38902	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	*2500	..	..	..	..	..	*2500	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	1568	..	*13498	..	*12853	..	*27919	*13498
Agriculture, forestry, fishing	..	..	..	..	..	..	..	*394	..	*394	..
Commerce, public services	..	..	..	..	..	..	..	*1126	..	*1126	..
Households	..	..	..	1568	..	*13498	..	*10122	..	*25188	*13498
Other consumers	..	..	..	..	..	..	..	*1211	..	*1211	..
Non-energy use	..	..	..	*2444	..	..	..	..	..	*2444	..

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	86	..	44669	..	2977	7787	..	25689	504	81712	33980
Imports	2038	..	..	48567	..	3520	..	6576	..	60701	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	2124	..	7783	40501	2977	11247	..	25539	504	90674	37440
Statistical difference	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	2124	..	..	46881	*1933	11247	..	18343	577	81105	11751
Final energy consumption	2124	..	..	42419	*1933	11247	..	18343	577	76642	11751
Manufacturing, const., mining	1977	..	..	4591	*1933	419	..	4579	73	13572	419
Iron and steel	..	..	..	181	..	..	..	648	..	829	..
Chemical and petrochemical	..	..	..	223	..	..	..	331	..	554	..
Non-ferrous metals	146	..	..	..	..	..	..	328	..	474	..
Non-metallic minerals	1831	..	..	2686	..	..	..	356	..	4873	..
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	..	..	640	*516	419	..	144	0	1719	419
Transport	..	..	..	28159	..	3386	..	..	..	31544	3386
Road	..	..	..	26604	..	3386	..	..	..	29990	3386
Rail	..	..	..	86	..	..	..	..	..	86	..
Domestic aviation	..	..	..	44	..	..	..	..	..	44	..
Domestic navigation	..	..	..	1424	..	..	..	..	..	1424	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	146	..	..	9669	..	7442	..	13764	504	31526	7946
Agriculture, forestry, fishing	..	..	..	3625	..	501	..	295	..	4421	501
Commerce, public services	146	..	..	2024	..	703	..	4154	232	7260	935
Households	..	..	..	4020	..	6238	..	9314	272	19845	6510
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	4462	..	..	..	..	..	4462	..

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
2017											
Primary production	2831	..	40563	..	1567	6959	..	16294	553	68767	23805
Imports	2024	..	..	50129	..	3811	..	10493	..	66457	3811
Exports	..	..	-20642	-6176	..	-714	..	0	..	-27532	-714
International marine bunkers	..	..	..	-1548	..	..	..	..	..	-1548	..
International aviation bunkers	..	..	..	0	..	..	..	..	..	0	..
Stock changes	..	..	1785	-7713	..	..	..	..	..	-5928	..
Total energy supply	4856	..	21706	34692	1567	10056	..	26787	553	100216	26903
Statistical difference	0	..	-2	273	0	0	..	4	0	275	16294
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	..	..	-21707	19232	..	..	..	..	113	-2363	..
Electricity plants	..	..	..	..	..	..	..	..	..	..	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	-955	..	..	..	..	113	-842	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-21707	20203	..	..	..	..	..	-1504	..
Other transformation	..	..	..	-16	..	..	..	..	..	-16	..
Energy industries own use	..	..	..	-1595	-1044	..	..	-746	-40	-3425	..
Losses	..	..	..	..	..	..	..	-4594	..	-4594	..
Final consumption	4856	..	..	52055	523	10056	..	21443	626	89559	10609
Final energy consumption	4856	..	..	50213	523	10056	..	21443	626	87717	10609
Manufacturing, const., mining	4733	..	..	6584	523	290	..	4518	103	16752	320
Iron and steel	..	..	..	179	..	..	..	641	..	819	..
Chemical and petrochemical	..	..	..	325	..	..	..	325	..	650	..
Non-ferrous metals	3074	..	..	13	..	..	..	283	..	3370	..
Non-metallic minerals	1660	..	..	95	..	..	..	360	..	2114	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	0	..	..	..	396	..	396	..
Food and tobacco	..	..	..	823	271	..	..	1044	103	2241	30
Paper, pulp and printing	..	..	..	59	..	..	..	428	..	488	..
Wood and wood products	..	..	..	..	..	..	..	36	..	36	..
Textile and leather	..	..	..	90	..	..	..	516	..	606	..
Construction	..	..	..	50	..	..	..	306	..	356	..
Industries n.e.s	0	..	..	4951	252	290	..	182	0	5675	290
Transport	..	..	..	32537	..	3234	..	..	..	35771	3234
Road	..	..	..	30619	..	3234	..	..	..	33852	3234
Rail	..	..	..	90	..	..	..	..	..	90	..
Domestic aviation	..	..	..	*321	..	..	..	..	..	*321	..
Domestic navigation	..	..	..	1507	..	..	..	..	..	1507	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	122	..	..	11091	..	6532	..	16925	523	35194	7055
Agriculture, forestry, fishing	..	..	..	4056	..	651	..	277	..	4983	651
Commerce, public services	122	..	..	2542	..	497	..	5245	209	8615	706
Households	..	..	..	4494	..	5385	..	10564	314	20756	5699
Other consumers	..	..	..	..	..	..	..	839	..	839	..
Non-energy use	..	..	..	1843	..	..	..	..	..	1843	..

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	154543	..	..	..	925	..	167523	..
Exports	-1297340	-1028915	-1895227	..	..	-1825	..	-4223307	..
International marine bunkers	-9804	..	..	..	..	..	-9804	..
International aviation bunkers	*-16626	..	..	..	..	..	*-16626	..
Stock changes	0	-2200	7668	-2566	..	..	..	..	..	2902	..
Total energy supply	0	0	1667398	-903367	1439418	283	..	-259	..	2203473	924
Statistical difference	0	0	-6849	-3542	8815	0	..	0	..	-1576	641
Transfers	0	..	..	..	..	..	0	..
Transformation	0	0	-1633776	1646504	-612895	..	..	254380	..	-345787	..
Electricity plants	-17544	-612895	..	..	254380	..	-376059	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces	0	0	..	..	..	..	..	..	..	0	..
NGL plants & gas blending	-384275	410943	..	..	..	..	..	26669	..
Oil refineries	-1249501	1253105	..	..	..	..	..	3604	..
Other transformation
Energy industries own use	-21404	-710	-157508	..	..	-27428	..	-207050	..
Losses	..	0	-19067	-2726	-21106	..	..	-38455	..	-81355	..
Final consumption	..	0	0	743243	639094	283	..	188237	..	1570857	283
Final energy consumption	..	0	0	718957	498548	283	..	188237	..	1406025	283
Manufacturing, const., mining	..	0	..	34264	147745	192	..	66866	..	249068	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	..	16725	4882	192	..	39168	..	60967	192
Transport	0	599946	28587	..	..	3650	..	632183	..
Road	588838	..	..	..	..	..	588838	..
Rail	1290	..	..	..	2819	..	4109	..
Domestic aviation	*5557	..	..	..	..	..	*5557	..
Domestic navigation
Pipeline transport	0	..	28587	..	..	832	..	29418	..
Transport, n.e.s	*4261	..	..	..	..	..	*4261	..
Other	84747	322216	91	..	117720	..	524775	91
Agriculture, forestry, fishing	1303	1686	..	..	5108	..	8097	..
Commerce, public services	1085	..	..	..	..	..	1085	..
Households	67544	285657	91	..	72756	..	426049	91
Other consumers	14815	34873	..	..	39856	..	89543	..
Non-energy use	*24286	140546	..	..	..	..	164832	..

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
2017											
Primary production	2876781	..	3405831	484	..	*2286	..	6285383	*2770
Imports	0	8488	9391	149457	..	..	..	1933	..	169269	..
Exports	-1229477	-999583	-1896561	..	..	-3168	..	-4128789	..
International marine bunkers	-9701	..	..	..	..	..	-9701	..
International aviation bunkers	*-15656	..	..	..	..	..	*-15656	..
Stock changes	129	733	-16074	5919	-2599	..	..	..	..	-11892	..
Total energy supply	129	9221	1640621	-869564	1506671	484	..	1051	..	2288614	*2770
Statistical difference	0	-56	6022	5159	26691	0	..	0	..	37815	*2286
Transfers	0	..	..	..	..	..	0	..
Transformation	-129	-3818	-1592050	1611488	-650683	..	..	271379	..	-363812	..
Electricity plants	-9761	-650683	..	..	271379	..	-389065	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces	-129	-3818	..	..	..	..	..	..	..	-3947	..
NGL plants & gas blending	-376805	402916	..	..	..	..	..	26111	..
Oil refineries	-1215245	1218333	..	..	..	..	..	3089	..
Other transformation
Energy industries own use	-19120	-615	-138333	..	..	-30348	..	-188415	..
Losses	..	-2470	-23430	-1223	-40597	..	..	-39128	..	-106849	..
Final consumption	..	2990	..	734928	650367	484	..	202954	..	1591723	484
Final energy consumption	..	2990	..	714145	538619	484	..	202954	..	1459191	484
Manufacturing, const., mining	..	2990	..	31321	162706	329	..	72652	..	269997	329
Iron and steel	..	2990	..	..	9588	..	..	1577	..	14155	..
Chemical and petrochemical	976	1791	..	..	3974	..	6741	..
Non-ferrous metals
Non-metallic minerals	*76549	..	..	*10289	..	*86837	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	20509	..	..	7006	..	27515	..
Paper, pulp and printing
Wood and wood products
Textile and leather	1300	..	..	1354	..	2653	..
Construction	14792	*47948	..	..	*6311	..	*69050	..
Industries n.e.s	..	0	..	15553	5022	329	..	42142	..	63046	329
Transport	590786	31116	..	..	3848	..	625750	..
Road	581120	..	..	..	..	..	581120	..
Rail	0	..	..	..	3848	..	3848	..
Domestic aviation	*5204	..	..	..	..	..	*5204	..
Domestic navigation
Pipeline transport	31116	..	..	0	..	31116	..
Transport, n.e.s	*4462	..	..	..	..	..	*4462	..
Other	92038	344797	155	..	126454	..	563444	155
Agriculture, forestry, fishing	1307	1861	..	..	5476	..	8644	..
Commerce, public services	1487	..	..	..	..	..	1487	..
Households	66882	304972	155	..	78394	..	450403	155
Other consumers	22361	37964	..	..	42584	..	102910	..
Non-energy use	*20783	111749	..	..	..	..	132532	..

Andorra

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	..	..	..	*255	..	304	559	431
Imports	*3	6647	..	22	1	1746	8420	23
Exports	..	..	..	0	..	0	-1	0
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-6	..	..	..	..	*-6	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	*3	6641	..	*277	1	2050	8972	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	3	6830	..	*22	1	1769	8625	*23
Final energy consumption	3	6823	..	*22	1	1769	8618	*23
Manufacturing, const., mining	3	0	..	..	..	29	32	..
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	..
2017								
Primary production	..	..	..	*306	..	*319	*625	*472
Imports	*3	6633	..	22	1	1692	8352	23
Exports	..	..	..	0	..	0	-1	0
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-5	..	..	..	..	*-5	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	*3	6628	..	*328	1	2011	8971	*495
Statistical Difference	0	-190	..	0	0	65	-124	*319
Transfers	..	..	..	..	..	..	..	..
Transformation	..	..	..	*-306	..	61	*-245	*-153
Electricity plants	..	..	..	*-306	..	61	*-245	*-153
Charcoal plants	..	..	..	..	..	..	..	..
Other transformation	..	..	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	0	0	..
Losses	..	..	..	..	..	-242	-242	..
Final consumption	3	6818	..	*22	1	1766	8609	*23
Final energy consumption	3	6810	..	*22	1	1766	8602	*23
Manufacturing, const., mining	3	0	..	..	..	29	32	..
Transport	..	4733	..	..	..	..	4733	..
Road	..	4733	..	..	..	..	4733	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	2078	..	*22	1	1737	3837	*23
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	1376	1376	..
Households	..	2078	..	*22	1	361	2461	*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
2016											
Primary production	3674808	..	58482	262301	..	20934	..	4016525	283235
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	262301	..	20934	..	570731	283235
Statistical difference	0	-17039	0	0	..	0	..	-17039	20934
Transfers
Transformation	-123596	48346	..	*-65918	..	16366	..	-124802	*-65918
Electricity plants	-53126	..	*-1861	..	16366	..	-38622	*-1861
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	*-64056	..	..	..	*-64056	*-64056
Energy industries own use	-3911	-2706	..	..	-922	..	-7538	..
Losses	-4201	..	-4201	..
Final consumption	198014	24654	*196383	..	32177	..	*451228	*196383
Final energy consumption	189382	24654	*196383	..	32177	..	*442596	*196383
Manufacturing, const., mining	14795	24654	*5777	..	10847	..	56073	*5777
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	1197	..	..	..	1197	1197
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	6836	..	..	..	..	..	6836	..
Industries n.e.s	7959	24654	*4580	..	10847	..	48040	*4580
Transport	114175	..	..	..	..	..	114175	..
Road	105771	..	..	..	..	..	105771	..
Rail
Domestic aviation	7629	..	..	..	..	..	7629	..
Domestic navigation	774	..	..	..	..	..	774	..
Pipeline transport
Transport, n.e.s
Other	60412	..	*190607	..	21330	..	*272349	*190607
Agriculture, forestry, fishing	387	..	..	..	..	..	387	..
Commerce, public services	36579	..	..	..	..	..	36579	..
Households	23224	..	*190607	..	21330	..	*235161	*190607
Other consumers	222	..	..	..	..	..	222	..
Non-energy use	8633	..	..	..	..	..	8633	..

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
2017											
Primary production	3327398	..	198360	266417	..	27551	..	3819727	293968
Imports	215098	..	..	..	..	..	215098	..
Exports	-3162771	-46604	-169632	..	..	..	..	-3379007	..
International marine bunkers	-13817	..	..	..	..	..	-13817	..
International aviation bunkers	-13230	..	..	..	..	..	-13230	..
Stock changes	-10406	..	..	..	..	..	..	-10406	..
Total energy supply	154222	141447	28728	266417	..	27551	..	618365	293968
Statistical difference	-3426	87992	0	0	..	0	..	84566	27551
Transfers
Transformation	-157648	109420	..	-67353	..	11038	..	-104543	-67353
Electricity plants	-50856	..	*-2402	..	11038	..	-42220	*-2402
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-53040	56760	..	..	..	..	..	3720	..
Oil refineries	-104608	103516	..	..	..	..	..	-1092	..
Other transformation	-64951	..	..	..	-64951	-64951
Energy industries own use	-3663	-14751	..	..	-954	..	-19368	..
Losses	-4345	..	-4345	..
Final consumption	159212	13977	*199065	..	33289	..	*405543	*199065
Final energy consumption	149667	13977	*199065	..	33289	..	*395999	*199065
Manufacturing, const., mining	8184	13977	*5840	..	11221	..	39222	*5840
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	1197	..	..	..	1197	1197
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	4231	..	..	..	..	..	4231	..
Industries n.e.s	3953	13977	*4643	..	11221	..	33794	*4643
Transport	91759	..	..	..	..	..	91759	..
Road	89436	..	..	..	..	..	89436	..
Rail
Domestic aviation	1764	..	..	..	..	..	1764	..
Domestic navigation	559	..	..	..	..	..	559	..
Pipeline transport
Transport, n.e.s
Other	49725	..	*193225	..	22068	..	*265018	*193225
Agriculture, forestry, fishing	258	..	..	..	..	..	258	..
Commerce, public services	26053	..	..	..	..	..	26053	..
Households	23237	..	*193225	..	22068	..	*238530	*193225
Other consumers	177	..	..	..	..	..	177	..
Non-energy use	9544	..	..	..	..	..	9544	..

Anguilla

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	*2	..	*2	*4	*4
Imports	..	*2202	..	..	..	..	*2202	..
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*2202	..	*2	..	*2	*2206	*4
Statistical Difference	..	0	..	0	..	0	0	*2
Transfers
Transformation	..	*-925	..	..	..	371	*-554	..
Electricity plants	..	*-925	..	..	..	371	*-554	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-11	-11	..
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
2017								
Primary production	*2	..	*1	*3	*3
Imports	..	*2019	..	..	..	..	*2019	..
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*2019	..	*2	..	*1	*2022	*3
Statistical Difference	..	0	..	0	..	0	0	*1
Transfers
Transformation	..	*-808	..	..	..	287	*-522	..
Electricity plants	..	*-808	..	..	..	287	*-522	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-9	-9	..
Losses	*-32	*-32	..
Final consumption	..	*1210	..	*2	..	*246	*1458	*2
Final energy consumption	..	*1210	..	*2	..	*246	*1458	*2
Manufacturing, const., mining
Transport	..	*804	..	..	..	..	*804	..
Road	..	*279	..	..	..	..	*279	..
Domestic aviation
Domestic navigation
Other transport	..	*525	..	..	..	..	*525	..
Other	..	*407	..	*2	..	*246	*654	*2
Agriculture, forestry, fishing
Commerce and public services	*171	*171	..
Households	..	*407	..	*2	..	*75	*484	*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
2016								
Primary production	32	32	32
Imports	..	*10241	..	0	..	..	*10241	0
Exports	..	*-176	..	..	..	..	*-176	..
International marine bunkers	..	*-162	..	..	..	..	*-162	..
International aviation bunkers	..	*-2867	..	..	..	..	*-2867	..
Stock changes
Total energy supply	..	*7037	..	0	..	32	*7069	32
Statistical Difference	..	0	..	0	..	0	0	32
Transfers
Transformation	..	*-3860	..	..	..	*1238	*-2621	..
Electricity plants	..	*-3860	..	..	..	*1238	*-2621	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	*-47	*-47	..
Losses	*-313	*-313	..
Final consumption	..	*3177	..	0	..	*911	*4088	0
Final energy consumption	..	*2976	..	0	..	*911	*3887	0
Manufacturing, const., mining	*43	*43	..
Transport	..	*2806	..	..	..	..	*2806	..
Road	..	*1816	..	..	..	..	*1816	..
Domestic aviation	..	*516	..	..	..	..	*516	..
Domestic navigation
Other transport	..	*473	..	..	..	..	*473	..
Other	..	*170	..	0	..	*868	*1038	0
Agriculture, forestry, fishing
Commerce and public services	*504	*504	..
Households	..	*170	..	0	..	*364	*534	0
Other consumers
Non-energy use	..	*201	..	..	..	..	*201	..
2017								
Primary production	32	32	32
Imports	..	*10241	..	0	..	..	*10241	0
Exports	..	*-176	..	..	..	..	*-176	..
International marine bunkers	..	*-162	..	..	..	..	*-162	..
International aviation bunkers	..	*-2867	..	..	..	..	*-2867	..
Stock changes
Total energy supply	..	*7037	..	0	..	32	*7069	32
Statistical Difference	..	0	..	0	..	0	0	32
Transfers
Transformation	..	*-3860	..	..	..	*1238	*-2621	..
Electricity plants	..	*-3860	..	..	..	*1238	*-2621	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	*-29	*-29	..
Losses	*-324	*-324	..
Final consumption	..	*3177	..	0	..	*918	*4095	0
Final energy consumption	..	*2976	..	0	..	*918	*3894	0
Manufacturing, const., mining	*43	*43	..
Transport	..	*2806	..	..	..	..	*2806	..
Road	..	*1816	..	..	..	..	*1816	..
Domestic aviation	..	*516	..	..	..	..	*516	..
Domestic navigation
Other transport	..	*473	..	..	..	..	*473	..
Other	..	*170	..	0	..	*875	*1045	0
Agriculture, forestry, fishing
Commerce and public services	*504	*504	..
Households	..	*170	..	0	..	*371	*541	0
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
2016											
Primary production	593	..	1283990	..	1417122	194082	*89478	137142	..	3122406	331224
Imports	45556	..	34686	172974	347004	..	..	39881	..	640100	..
Exports	-222	..	-122584	-69531	-1953	-59837	..	-1177	..	-255304	-59837
International marine bunkers	..	..	..	-28338	..	..	..	..	..	-28338	..
International aviation bunkers	..	..	..	-40793	..	..	..	..	..	-40793	..
Stock changes	395	..	2538	-1452	-315	..	..	..	..	1166	..
Total energy supply	46322	..	1198630	32860	1761858	134245	*89478	175846	..	3439238	271387
Statistical difference	821	0	-39889	57836	116267	-460	0	-4	..	134571	136682
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-44565	6546	-1234712	1012960	-563252	-19011	*-89478	387950	..	-543561	-19011
Electricity plants	-21219	-4857	..	-204842	-563252	-13497	*-89478	387950	..	-509193	-13497
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-23346	21434	..	..	..	..	..	..	..	-1912	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-10031	..	-30615	..	..	..	..	..	-40646	..
NGL plants & gas blending	..	..	-113108	120121	..	..	..	..	..	7013	..
Oil refineries	..	..	-1121604	1128296	..	..	..	..	..	6692	..
Other transformation	..	..	..	..	..	-5515	..	..	..	-5515	-5515
Energy industries own use	..	*-6546	-3807	-63442	-201474	..	..	-13810	..	-289079	..
Losses	..	..	..	..	-68135	..	..	-86378	..	-154513	..
Final consumption	936	..	..	924542	812732	115694	..	463612	..	2317515	115694
Final energy consumption	936	..	..	827159	812732	115694	..	463612	..	2220132	115694
Manufacturing, const., mining	936	..	..	32032	277263	41064	..	181678	..	532972	41064
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	37383	..	..	..	37383	37383
Paper, pulp and printing	..	..	..	..	..	3681	..	..	..	3681	3681
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	936	..	..	32032	277263	0	..	181678	..	491908	0
Transport	..	..	..	561773	116739	57337	..	1966	..	737814	57337
Road	..	..	..	538316	89051	57337	..	..	..	684704	57337
Rail	..	..	..	..	..	..	..	1966	..	1966	..
Domestic aviation	..	..	..	21962	..	..	..	..	..	21962	..
Domestic navigation	..	..	..	1495	..	..	..	..	..	1495	..
Pipeline transport	..	..	..	..	27689	..	..	..	..	27689	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	233355	418730	17293	..	279968	..	949346	17293
Agriculture, forestry, fishing	..	..	..	158300	..	..	..	3312	..	161612	..
Commerce, public services	..	..	..	15695	43092	6561	..	115924	..	181272	6561
Households	..	..	..	59360	375638	10732	..	160733	..	606462	10732
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	97383	..	..	..	..	..	97383	..

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
2017											
Primary production	494	..	1199429	..	1405278	213498	65750	150739	..	3035188	364237
Imports	43545	..	47249	159231	361242	..	..	37904	..	649172	..
Exports	0	..	-73962	-81975	-2396	-60720	..	-248	..	-219300	-60720
International marine bunkers	..	..	..	-32700	..	..	..	..	..	-32700	..
International aviation bunkers	..	..	..	-43306	..	..	..	..	..	-43306	..
Stock changes	3236	..	-3299	-4350	315	..	..	..	..	-4098	..
Total energy supply	47275	..	1169417	-3100	1764439	152778	65750	188395	..	3384956	303517
Statistical difference	-500	-1	-30371	64986	95191	2306	0	-4	..	131607	153045
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-46826	7324	-1195178	1076324	-629717	-19809	-65750	372042	..	-501589	-19809
Electricity plants	-19386	-5425	..	-114811	-629717	-14189	-65750	372042	..	-477236	-14189
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-27440	24688	..	..	..	..	..	..	..	-2752	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-11939	..	-32175	..	..	..	..	..	-44114	..
NGL plants & gas blending	..	..	-112843	119875	..	..	..	..	..	7032	..
Oil refineries	..	..	-1082335	1103436	..	..	..	..	..	21101	..
Other transformation	..	..	..	..	..	-5620	..	..	..	-5620	-5620
Energy industries own use	..	-7325	-4611	-64146	-197537	..	..	-13306	..	-286924	..
Losses	..	..	..	..	-75348	..	..	-82732	..	-158080	..
Final consumption	949	..	..	944093	766647	130664	..	464404	..	2306756	130664
Final energy consumption	949	..	..	851848	766647	130664	..	464404	..	2214511	130664
Manufacturing, const., mining	949	..	..	30113	265577	47312	..	181346	..	525297	47312
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	..	43730	..	..	..	43730	43730
Paper, pulp and printing	..	..	..	..	..	3582	..	..	..	3582	3582
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	949	..	..	30113	265577	0	..	181346	..	477985	0
Transport	..	..	..	589451	111038	66000	..	2376	..	768865	66000
Road	..	..	..	565762	80388	66000	..	..	..	712150	66000
Rail	..	..	..	..	..	..	..	2376	..	2376	..
Domestic aviation	..	..	..	23285	..	..	..	..	..	23285	..
Domestic navigation	..	..	..	404	..	..	..	..	..	404	..
Pipeline transport	..	..	..	..	30650	..	..	..	..	30650	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	232283	390033	17352	..	280681	..	920349	17352
Agriculture, forestry, fishing	..	..	..	162161	..	..	..	3388	..	165549	..
Commerce, public services	..	..	..	14444	53645	6572	..	116122	..	190783	6572
Households	..	..	..	55677	336389	10780	..	161172	..	564018	10780
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	92245	..	..	..	..	..	92245	..

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	..	..	..	..	8505	25715	8471	..	42722	16976
Imports	52	..	..	15079	77352	266	..	990	..	93740	266
Exports	-31	..	..	0	-665	0	..	-4424	..	-5121	0
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-1943	..	..	..	..	..	-1943	..
Stock changes	..	..	..	-286	66	..	..	..	..	-220	..
Total energy supply	52	..	..	12851	76753	8771	25715	5036	..	129178	17242
Statistical difference	0	..	..	-2	633	9	0	0	0	640	8480
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	..	..	..	..	-20913	..	-25715	17863	34	-28730	..
Electricity plants	..	..	..	..	-20728	..	-25715	17798	..	-28644	..
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	-7527	..
Final consumption	52	..	..	12853	50015	8762	..	19181	11	90874	8762
Final energy consumption	51	..	..	11548	50015	8762	..	19181	11	89567	8762
Manufacturing, const., mining	..	..	..	881	5990	116	..	5872	0	12860	116
Iron and steel	..	..	..	0	521	..	..	259	..	781	..
Chemical and petrochemical	..	..	..	0	65	..	..	54	..	119	..
Non-ferrous metals	..	..	..	166	512	0	..	842	..	1520	0
Non-metallic minerals	..	..	..	19	2258	..	..	400	..	2676	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	1	32	0	..	76	..	109	0
Mining and quarrying	..	..	..	636	243	0	..	2880	..	3759	0
Food and tobacco	..	..	..	25	1989	0	..	961	..	2975	0
Paper, pulp and printing	..	..	..	..	146	..	..	72	..	218	..
Wood and wood products	..	..	..	..	3	0	..	11	..	14	0
Textile and leather	..	..	..	..	17	..	..	36	..	53	..
Construction	..	..	..	35	151	..	..	112	..	298	..
Industries n.e.s	..	..	..	0	53	116	..	169	0	338	116
Transport	..	..	..	9536	16187	..	..	360	..	26082	..
Road	..	..	..	9536	16187	..	..	0	..	25722	..
Rail	..	..	..	..	..	..	..	259	..	259	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	101	..	101	..
Other	51	..	..	1131	27838	8645	..	12949	11	50625	8645
Agriculture, forestry, fishing	..	..	..	1065	..	..	..	414	..	1479	..
Commerce, public services	44	..	..	27	4958	..	..	3247	..	8276	..
Households	7	..	..	35	20126	8645	..	6674	11	35499	8645
Other consumers	..	..	..	3	2754	..	..	2614	..	5371	..
Non-energy use	1	..	..	1306	..	..	..	..	..	1306	..

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
2017											
Primary production	97	..	..	..	..	8638	28296	8186	..	45216	16823
Imports	45	..	..	16636	82401	360	..	1150	..	100592	360
Exports	-97	..	..	-12	..	-2	..	-5183	..	-5294	-2
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-2399	..	..	..	..	..	-2399	..
Stock changes	..	..	..	-528	-814	..	..	..	..	-1342	..
Total energy supply	45	..	..	13697	81587	8996	28296	4153	..	136774	17182
Statistical difference	0	..	..	1	-4	10	0	-34	0	-27	8196
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	..	..	..	..	-22084	..	-28296	19770	31	-30579	..
Electricity plants	..	..	..	..	-21908	..	-28296	19703	..	-30501	..
CHP plants	..	..	..	..	-176	..	..	67	31	-79	..
Heat plants	..	..	..	..	..	..	..	..	0	0	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	..	-288	..	..	-1276	-2	-1566	..
Losses	..	..	..	..	-5162	..	..	-2407	-20	-7588	..
Final consumption	45	..	..	13695	54057	8986	..	20275	9	97067	8986
Final energy consumption	44	..	..	12379	54057	8986	..	20275	9	95750	8986
Manufacturing, const., mining	..	..	..	840	6935	131	..	5957	0	13863	131
Iron and steel	..	..	..	0	498	..	..	256	..	754	..
Chemical and petrochemical	..	..	..	0	88	..	..	48	..	135	..
Non-ferrous metals	..	..	..	192	843	3	..	885	..	1922	3
Non-metallic minerals	..	..	..	22	2999	..	..	490	..	3511	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	2	33	0	..	72	..	107	0
Mining and quarrying	..	..	..	606	283	..	..	2868	..	3756	..
Food and tobacco	..	..	..	3	1842	..	..	932	..	2777	..
Paper, pulp and printing	..	..	..	..	148	..	..	75	..	223	..
Wood and wood products	..	..	..	..	2	0	..	4	..	6	0
Textile and leather	..	..	..	..	18	..	..	45	..	63	..
Construction	..	..	..	16	141	..	..	113	..	269	..
Industries n.e.s	..	..	..	0	42	128	..	170	0	339	128
Transport	..	..	..	10587	16541	..	..	366	..	27494	..
Road	..	..	..	10587	16541	..	..	22	..	27150	..
Rail	..	..	..	..	..	..	..	241	..	241	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	103	..	103	..
Other	44	..	..	952	30581	8855	..	13952	9	54392	8855
Agriculture, forestry, fishing	..	..	..	866	..	..	..	570	..	1437	..
Commerce, public services	41	..	..	43	5872	..	..	3591	..	9546	..
Households	3	..	..	40	21529	8855	..	6899	9	37336	8855
Other consumers	..	..	..	3	3180	..	..	2892	..	6074	..
Non-energy use	1	..	..	1316	..	..	..	..	..	1318	..

Aruba

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	..	0	..	20	..	*498	*518	*518
Imports	..	*16191	..	0	9	..	*16200	9
Exports	..	0	..	..	..	..	0	..
International marine bunkers	..	*-444	..	..	..	..	*-444	..
International aviation bunkers	..	*-3731	..	..	..	..	*-3731	..
Stock changes
Total energy supply	..	*12016	..	20	9	*498	*12543	*527
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	*15	*2840	*6581	*23
Final energy consumption	..	*3678	..	*8	*15	*2840	*6541	*23
Manufacturing, const., mining
Transport	..	*3173	..	..	..	..	*3173	..
Road	..	*3173	..	..	..	..	*3173	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*505	..	*8	*15	*2840	*3368	*23
Agriculture, forestry, fishing
Commerce and public services	*1783	*1783	..
Households	..	*152	..	*8	*15	*1056	*1231	*23
Other consumers	..	*353	..	..	..	..	*353	..
Non-energy use	..	*40	..	..	..	..	*40	..
2017								
Primary production	..	0	..	20	..	*498	*519	*519
Imports	..	*16815	..	0	8	..	*16823	8
Exports
International marine bunkers	..	*-465	..	..	..	..	*-465	..
International aviation bunkers	..	*-3881	..	..	..	..	*-3881	..
Stock changes
Total energy supply	..	*12470	..	20	8	*498	*12996	*526
Statistical Difference	..	0	..	0	0	0	0	*498
Transfers
Transformation	..	*-8621	..	*-13	7	*3024	*-5603	*-6
Electricity plants	..	*-8621	..	..	..	*3024	*-5597	..
Charcoal plants	*-13	7	..	*-6	*-6
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-594	*-594	..
Final consumption	..	*3849	..	*8	*15	*2928	*6799	*22
Final energy consumption	..	*3808	..	*8	*15	*2928	*6759	*22
Manufacturing, const., mining
Transport	..	*3288	..	..	..	..	*3288	..
Road	..	*3288	..	..	..	..	*3288	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*520	..	*8	*15	*2928	*3471	*22
Agriculture, forestry, fishing
Commerce and public services	*1854	*1854	..
Households	..	*158	..	*8	*15	*1074	*1255	*22
Other consumers	..	*362	..	..	..	..	*362	..
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
2016											
Primary production	12226941	..	735485	..	2967554	215468	..	120330	14915	16280692	346798
Imports	827	6003	653603	1176623	226027	..	..	..	..	2063083	..
Exports	-10505287	-14391	-469276	-92210	-1816806	..	..	..	..	-12897970	..
International marine bunkers	..	..	..	-21774	..	..	..	..	..	-21774	..
International aviation bunkers	..	..	..	-169873	..	..	..	..	..	-169873	..
Stock changes	154165	-395	6202	-17433	..	..	..	..	..	142539	..
Total energy supply	1876646	-8783	926013	875333	1376775	215468	..	120330	14915	5396696	346798
Statistical difference	-11647	0	-81407	-31148	63132	-1	..	0	0	-61070	120343
Transfers	..	..	78643	58205	..	..	..	..	..	136848	..
Transformation	-1818527	63579	-1082947	1002887	-508209	*-37738	..	802228	-43	-1578771	*-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	-99467	89524	..	..	..	..	..	..	..	-9943	..
Briquetting plants	0	0	..	..	..	..	..	..	..	0	..
Liquefaction plants	..	..	4752	..	..	..	..	..	..	4752	..
Gas works	..	..	..	0	-35	..	..	..	..	-35	..
Blast furnaces	-1754	-25523	..	..	..	..	..	..	..	-27277	..
NGL plants & gas blending	..	39	-74654	98641	..	..	..	..	..	24026	..
Oil refineries	..	..	-1013045	955771	..	..	..	..	..	-57274	..
Other transformation	..	..	..	..	-4972	..	..	..	..	-4972	..
Energy industries own use	..	-39553	-2467	-163297	-255042	..	..	-101624	..	-561983	..
Losses	..	..	..	..	..	..	..	-58943	..	-58943	..
Final consumption	69765	15243	649	1804276	550391	*177731	..	761990	14872	3394917	*188688
Final energy consumption	69765	15243	649	1627415	518951	*177731	..	761990	14872	3186616	*188688
Manufacturing, const., mining	69423	15182	649	151533	303058	*121426	..	278248	..	939518	*117511
Iron and steel	917	8965	..	719	12716	..	..	11588	..	34906	..
Chemical and petrochemical	5910	496	..	4035	62880	4221	..	14508	..	92050	*485
Non-ferrous metals	35782	3836	..	14902	116238	*1937	..	123232	..	295926	*1937
Non-metallic minerals	13230	108	..	8417	49384	*2491	..	16265	..	89895	*2491
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	1081	2427	..	..	4986	..	8494	..
Mining and quarrying	1446	1755	..	95011	4763	*6	..	65412	..	168392	*6
Food and tobacco	8724	22	173	4858	32035	*88976	..	22460	..	*157248	*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	..	476	313	4534	..	..	1919	..	7701	..
Construction	0	0	..	19433	2871	..	..	680	..	22984	..
Industries n.e.s	1025	0	0	225	65	0	..	40	..	1355	0
Transport	0	..	..	1330992	11918	6758	..	21949	..	1371617	6758
Road	..	..	..	1123345	3900	6758	..	..	..	1134002	6758
Rail	0	..	..	45200	..	..	..	12402	..	57602	..
Domestic aviation	..	..	..	130105	..	..	..	..	..	130105	..
Domestic navigation	0	..	..	24022	..	..	..	..	..	24022	..
Pipeline transport	..	..	..	..	7520	..	..	86	..	7607	..
Transport, n.e.s	..	..	..	8321	498	..	..	9461	..	18279	..
Other	343	61	..	144890	203975	*49548	..	461794	14872	875482	*64420
Agriculture, forestry, fishing	..	..	..	94857	2251	..	..	6322	..	103429	..
Commerce, public services	343	39	..	33289	52525	2414	..	242392	406	331407	2820
Households	0	22	..	16744	149199	*3757	..	213080	14466	397269	18223
Other consumers	..	..	..	..	..	*43376	..	..	..	*43376	*43376
Non-energy use	..	..	..	176860	31441	..	..	..	..	208301	..

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
2017											
Primary production	12271641	..	641247	..	3676892	225299	..	132138	15756	16962973	369422
Imports	2895	5022	680731	1216410	206155	..	..	..	..	2111213	..
Exports	-10224012	-9504	-426567	-117383	-2571978	..	..	..	..	-13349444	..
International marine bunkers	..	..	..	-22302	..	..	..	..	..	-22302	..
International aviation bunkers	..	..	..	-185749	..	..	..	..	..	-185749	..
Stock changes	-179799	210	2947	12635	..	..	..	..	..	-164007	..
Total energy supply	1870723	-4272	898358	903611	1311070	225299	..	132138	15756	5352684	369422
Statistical difference	9797	0	-85118	-76372	-34291	0	..	7	0	-185976	132149
Transfers	..	..	67693	52838	..	..	..	..	..	120531	..
Transformation	-1788813	63042	-1048096	965482	-502714	*-47916	..	795834	-58	-1563238	*-47963
Electricity plants	-1663791	-168	..	-49793	-400714	-17596	..	743465	-58	-1388655	-17643
CHP plants	-21523	..	..	-1487	-101959	*-30320	..	52369	..	-102920	*-30320
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-101745	90222	..	..	..	..	..	..	..	-11523	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	4752	..	..	..	..	..	..	4752	..
Gas works	..	..	..	..	-41	..	..	..	..	-41	..
Blast furnaces	-1754	-27057	..	..	..	..	..	..	..	-28811	..
NGL plants & gas blending	..	45	-69750	93022	..	..	..	..	..	23318	..
Oil refineries	..	..	-983098	923740	..	..	..	..	..	-59358	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	-40742	-2467	-169331	-301057	..	..	-119459	..	-633056	..
Losses	..	..	..	..	..	..	..	-50069	..	-50069	..
Final consumption	72114	18028	606	1828973	541589	*177383	..	758437	15698	3412828	*189310
Final energy consumption	72114	18028	606	1659219	511666	*177383	..	758437	15698	3213151	*189310
Manufacturing, const., mining	71514	17962	606	150170	292017	*120108	..	270346	..	922722	*116337
Iron and steel	540	9614	..	802	11608	..	..	12298	..	34862	..
Chemical and petrochemical	6179	469	..	4379	59846	3588	..	14526	..	88987	0
Non-ferrous metals	38721	6292	..	10910	115035	0	..	115445	..	286403	0
Non-metallic minerals	13626	108	..	6449	45380	*2074	..	16567	..	84203	*2074
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	939	2133	..	..	3132	..	6204	..
Mining and quarrying	1752	1458	..	100014	5378	..	..	67522	..	176123	..
Food and tobacco	7753	21	130	4428	30044	*93637	..	21031	..	*157044	*93454
Paper, pulp and printing	1273	..	..	2201	12922	*7853	..	14422	..	38670	*7853
Wood and wood products	162	..	..	421	2319	*12956	..	2714	..	*18572	*12956
Textile and leather	459	..	476	313	4634	..	..	1811	..	7693	..
Construction	..	..	..	19132	2623	..	..	828	..	22582	..
Industries n.e.s	1052	0	0	182	94	0	..	50	..	1378	0
Transport	..	..	..	1357888	15584	4167	..	21136	..	1398775	4167
Road	..	..	..	1150014	3508	4167	..	..	..	1157690	4167
Rail	..	..	..	47178	..	..	..	11693	..	58871	..
Domestic aviation	..	..	..	128561	..	..	..	..	..	128561	..
Domestic navigation	..	..	..	24171	..	..	..	..	..	24171	..
Pipeline transport	..	..	..	..	11529	..	..	104	..	11633	..
Transport, n.e.s	..	..	..	7964	546	..	..	9338	..	17849	..
Other	599	66	..	151161	204066	*53108	..	466956	15698	891654	*68806
Agriculture, forestry, fishing	..	..	..	101977	1022	..	..	7099	..	110098	..
Commerce, public services	599	45	..	34474	53871	*549	..	246643	423	336605	972
Households	..	21	..	14710	149172	*3800	..	213214	15275	396192	19075
Other consumers	..	..	..	..	..	*48759	..	..	..	*48759	*48759
Non-energy use	..	..	..	169754	29923	..	..	..	..	199677	..

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	..	33660	..	40407	256236	..	166432	9159	505894	402253
Imports	95389	24769	311610	279196	496476	35696	..	94918	..	1338053	35696
Exports	0	-1092	..	-114806	-240836	-24354	..	-69145	..	-450234	-24354
International marine bunkers	..	..	..	-903	..	..	..	..	..	-903	..
International aviation bunkers	..	..	..	-32546	..	..	..	..	..	-32546	..
Stock changes	3348	1733	2805	5234	1954	*34	..	..	..	15107	*34
Total energy supply	98737	25410	348075	136175	298002	267611	..	192204	9159	1375372	413628
Statistical difference	-56	-28	0	-2866	2	40	..	-4	0	-2912	167128
Transfers	..	..	22430	-22409	..	..	..	..	..	21	..
Transformation	-92789	7003	-370505	353637	-81846	*-102913	..	68544	86317	-132553	*-87955
Electricity plants	-12323	-16701	..	-1106	-17649	-30062	..	29275	-110	-48676	-23693
CHP plants	-6696	-1201	..	-13587	-52002	*-42918	..	39269	50782	-26353	*-34950
Heat plants	..	..	..	-1212	-12195	*-29842	..	..	35645	-7604	*-29222
Coke ovens	-51093	50170	..	..	..	..	..	..	..	-923	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-22677	-25265	..	-485	..	..	..	..	..	-48427	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-370505	370026	..	..	..	..	..	-479	..
Other transformation	..	..	..	..	..	*-91	..	..	..	*-91	*-91
Energy industries own use	..	-19260	..	-7904	-8234	-1818	..	-25387	-3	-62607	..
Losses	..	-948	..	..	-100	..	..	-12020	-13110	-26178	..
Final consumption	6004	12232	..	462364	207820	*162841	..	223344	82363	1156968	*158545
Final energy consumption	5919	11685	..	402241	193700	*162841	..	223344	82363	1082092	*158545
Manufacturing, const., mining	5786	10938	..	19311	108665	*67605	..	105034	11051	328390	*55504
Iron and steel	..	10679	..	568	14620	25	..	8780	377	35049	25
Chemical and petrochemical	816	..	..	484	18302	3518	..	16340	2870	42330	311
Non-ferrous metals	..	116	..	40	4613	194	..	3589	185	8737	11
Non-metallic minerals	2241	0	..	2647	13425	7521	..	7106	50	32991	30
Transport equipment	..	..	..	171	2028	5	..	2999	690	5892	5
Machinery	..	..	..	1644	10417	38	..	15329	1124	28551	38
Mining and quarrying	..	..	..	384	2165	2	..	5065	3	7618	2
Food and tobacco	..	144	..	2079	13954	281	..	9832	1363	27652	281
Paper, pulp and printing	2729	..	..	121	19896	*31202	..	17370	928	72247	*30994
Wood and wood products	..	..	..	345	2446	945	..	7276	2502	13514	7
Textile and leather	..	..	..	40	2024	7	..	1667	17	3755	7
Construction	..	..	..	10623	2494	656	..	2786	514	17073	632
Industries n.e.s	0	0	..	164	2283	*23211	..	6894	428	32981	*23161
Transport	..	..	..	323613	10751	22331	..	11567	..	368262	22331
Road	..	..	..	320462	719	22221	..	50	..	343452	22221
Rail	..	..	..	1653	..	110	..	7276	..	9039	110
Domestic aviation	..	..	..	1324	..	..	..	..	..	1324	..
Domestic navigation	..	..	..	175	..	..	..	..	..	175	..
Pipeline transport	..	..	..	..	10032	..	..	756	..	10788	..
Transport, n.e.s	..	..	..	..	..	..	..	3485	..	3485	..
Other	133	746	..	59317	74283	*72905	..	106744	71312	385440	*80710
Agriculture, forestry, fishing	0	0	..	9895	617	*6770	..	4061	531	21874	*6841
Commerce, public services	..	88	..	6490	13404	*2192	..	40946	32641	95762	4313
Households	133	658	..	42931	60262	*63943	..	61736	38140	267804	*69556
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	84	548	..	60123	14120	..	..	..	..	74875	..

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
2017											
Primary production	..	..	31238	..	43664	256449	..	166363	9129	506843	403109
Imports	103081	27162	306808	287773	483074	32871	..	105703	..	1346472	32313
Exports	-28	-1120	..	-114712	-189434	-25910	..	-82141	..	-413345	-25910
International marine bunkers	..	..	..	-903	..	..	..	..	..	-903	..
International aviation bunkers	..	..	..	-31443	..	..	..	..	..	-31443	..
Stock changes	-5955	6084	6290	2542	-11721	*-817	..	..	..	-3576	*-817
Total energy supply	97098	32126	344335	143256	325584	262593	..	189925	9129	1404047	408696
Statistical difference	0	0	43	-2728	0	7	..	-11	-1	-2690	167029
Transfers	..	..	23132	-23050	..	..	..	..	..	82	..
Transformation	-90226	457	-367424	352743	-102149	*-101508	..	76424	87526	-144156	*-86843
Electricity plants	-10435	-18699	..	-83	-38602	-27114	..	39787	-89	-55235	-20677
CHP plants	-6011	-1719	..	-12835	-51516	*-43795	..	36637	51967	-27272	*-36246
Heat plants	..	..	..	-1050	-12031	*-30536	..	..	35648	-7970	*-29858
Coke ovens	-50018	50036	..	..	..	..	..	..	..	17	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-23761	-29161	..	..	..	..	..	..	..	-52922	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-367424	366712	..	..	..	..	..	-713	..
Other transformation	..	..	..	..	..	*-63	..	..	..	*-63	*-63
Energy industries own use	..	-19223	..	-12181	-9175	-1646	..	-28300	0	-70524	..
Losses	..	-810	..	..	-113	..	..	-12020	-13214	-26157	..
Final consumption	6873	12550	..	463497	214148	*159432	..	226040	83442	1165982	*154823
Final energy consumption	6788	11722	..	411232	200299	*159432	..	226040	83442	1098955	*154823
Manufacturing, const., mining	6654	11068	..	19369	113009	*66531	..	106733	11690	335054	*54134
Iron and steel	..	10697	..	124	17024	26	..	9230	353	37454	26
Chemical and petrochemical	1106	..	..	568	19028	3491	..	16592	3018	43803	365
Non-ferrous metals	..	171	..	40	4979	202	..	3852	69	9314	12
Non-metallic minerals	2174	..	..	2375	13850	7749	..	7196	78	33423	30
Transport equipment	..	..	..	171	2192	5	..	3791	864	7023	5
Machinery	..	..	..	1745	10823	45	..	15790	1144	29546	44
Mining and quarrying	..	29	..	386	2337	2	..	5058	2	7814	2
Food and tobacco	..	171	..	2163	13739	153	..	9882	1517	27625	153
Paper, pulp and printing	3374	..	..	323	20085	*31039	..	16938	895	72655	*30877
Wood and wood products	..	..	..	345	2555	1121	..	7045	2737	13803	8
Textile and leather	..	..	..	40	1836	10	..	1541	21	3448	10
Construction	..	..	..	10965	2254	624	..	2840	524	17207	595
Industries n.e.s	0	0	..	124	2309	*22064	..	6977	468	31941	*22007
Transport	..	..	..	331191	12169	19364	..	11596	..	374319	19364
Road	..	..	..	328085	718	19254	..	50	..	348108	19254
Rail	..	..	..	1696	..	110	..	7337	..	9143	110
Domestic aviation	..	..	..	1235	..	..	..	..	..	1235	..
Domestic navigation	..	..	..	175	..	..	..	..	..	175	..
Pipeline transport	..	..	..	..	11451	..	..	799	..	12250	..
Transport, n.e.s	..	..	..	..	..	..	..	3409	..	3409	..
Other	134	654	..	60672	75120	*73537	..	107712	71752	389581	*81325
Agriculture, forestry, fishing	..	..	..	9694	893	*6771	..	4093	529	21980	*6840
Commerce, public services	..	..	..	6619	13568	*2146	..	41382	32974	96689	4189
Households	134	654	..	44359	60660	*64620	..	62237	38249	270912	*70296
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	85	828	..	52265	13849	..	..	..	..	67028	..

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	1759553	..	657999	4042	..	7261	..	2428854	9917
Imports	28	..	..	13669	10490	..	..	410	..	24597	..
Exports	-1497360	-73173	-282958	..	..	-3946	..	-1857437	..
International marine bunkers	-2064	..	..	..	..	..	-2064	..
International aviation bunkers	-7718	..	..	..	..	..	-7718	..
Stock changes	28	..	-1034	6075	7973	37	..	..	..	13077	37
Total energy supply	55	..	261158	-63212	393503	4078	..	3726	..	599310	9954
Statistical difference	0	..	0	2276	1157	0	..	155	0	3587	7261
Transfers	-2	..	..	..	..	..	-2	..
Transformation	-258831	225445	-184587	-2912	..	82570	7282	-131033	-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
NGL plants & gas blending	-1447	1686	..	..	..	..	..	239	..
Oil refineries	-257384	249236	..	..	..	..	..	-8148	..
Other transformation	-201	..	-140	..	..	..	-341	-140
Energy industries own use	-474	-16500	-15640	..	..	-14256	-497	-47367	..
Losses	-1853	..	-28292	..	..	-8460	-837	-39442	..
Final consumption	55	..	..	143456	163828	1166	..	63425	5948	377879	1166
Final energy consumption	55	..	..	112392	162468	1166	..	63425	5948	345454	1166
Manufacturing, const., mining	5547	42452	9	..	12661	..	60670	9
Iron and steel	81	622	..	..	1091	..	1794	..
Chemical and petrochemical	925	13158	..	..	1069	..	15152	..
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	2524	27	..	3524	..	17956	27
Commerce, public services	967	5421	691	..	16639	1126	24844	691
Households	909	112032	438	..	29059	4822	147261	438
Other consumers
Non-energy use	31064	1360	..	..	..	..	32424	..

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
2017											
Primary production	1658080	..	639311	4162	..	6498	..	2308051	9270
Imports	55	..	..	19618	74171	..	..	388	..	94233	..
Exports	-1406192	-48223	-311355	..	..	-4617	..	-1770387	..
International marine bunkers	-1892	..	..	..	..	..	-1892	..
International aviation bunkers	-7012	..	..	..	..	..	-7012	..
Stock changes	0	..	991	-2320	-19929	-12	..	..	..	-21269	-12
Total energy supply	55	..	252880	-39828	382198	4151	..	2269	..	601725	9258
Statistical difference	0	..	-2715	1515	1062	4	..	112	0	-22	6502
Transfers	-2	..	..	..	..	..	-2	..
Transformation	-253397	224893	-199056	-2790	..	81055	6580	-142715	-1399
Electricity plants	-1238	-115133	-2782	..	49217	..	-69936	-1391
CHP plants	-11797	-76826	..	..	31838	598	-56186	..
Heat plants	0	-7098	..	..	..	5982	-1116	..
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-1251	1458	..	..	..	..	..	206	..
Oil refineries	-252146	236471	..	..	..	..	..	-15675	..
Other transformation	-8	..	..	..	-8	-8
Energy industries own use	-431	-16020	-17419	..	..	-13604	-43	-47517	..
Losses	-1767	..	-27033	..	..	-8102	-795	-37697	..
Final consumption	55	..	..	167527	137628	1357	..	61506	5742	373816	1357
Final energy consumption	55	..	..	125062	136728	1357	..	61506	5742	330450	1357
Manufacturing, const., mining	3637	26355	53	..	13000	..	43045	53
Iron and steel	0	1104	..	..	1283	..	2387	..
Chemical and petrochemical	80	6162	..	..	1031	..	7274	..
Non-ferrous metals	28	..	..	2678	..	2706	..
Non-metallic minerals	105	10708	..	..	1304	..	12118	..
Transport equipment	7	..	..	58	..	65	..
Machinery	81	457	..	..	675	..	1212	..
Mining and quarrying	129	285	..	..	351	..	764	..
Food and tobacco	429	5990	53	..	2138	..	8610	53
Paper, pulp and printing	14	..	..	174	..	188	..
Wood and wood products	4	..	..	184	..	187	..
Textile and leather	0	299	..	..	566	..	864	..
Construction	2769	882	..	..	2188	..	5839	..
Industries n.e.s	43	415	0	..	373	..	831	0
Transport	55	..	..	107794	42	..	..	1430	..	109322	..
Road	91142	..	..	..	..	..	91142	..
Rail	55	..	..	387	..	..	..	1168	..	1611	..
Domestic aviation	14244	..	..	..	..	..	14244	..
Domestic navigation	2021	..	..	..	..	..	2021	..
Pipeline transport	42	..	..	262	..	304	..
Transport, n.e.s
Other	13631	110331	1304	..	47076	5742	178084	1304
Agriculture, forestry, fishing	12564	2137	65	..	3695	..	18461	65
Commerce, public services	391	8831	508	..	17697	1010	28436	508
Households	676	99363	731	..	25685	4733	131187	731
Other consumers
Non-energy use	42465	900	..	..	..	..	43365	..

Bahamas

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	..	..	..	308	..	..	308	308
Imports	*41	15593	..	1	1	..	15636	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	*25608	..	309	0	..	25958	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	*13128	..	*247	*33	7074	*20524	*280
Final energy consumption	*41	*12781	..	*247	*33	7074	*20177	*280
Manufacturing, const., mining	*41	*2821	..	..	..	3870	6733	..
Transport	..	*5003	..	..	..	..	*5003	..
Road	..	*4946	..	..	..	..	*4946	..
Domestic aviation	..	*57	..	..	..	..	*57	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*4957	..	*247	*33	3204	*8441	*280
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	*4185	..	..	..	90	*4275	..
Households	..	*595	..	..	..	3114	3709	..
Other consumers	..	*177	..	*247	*33	..	*458	*280
Non-energy use	..	*347	..	..	..	..	*347	..
2017								
Primary production	..	..	..	309	..	..	309	309
Imports	*41	27902	..	1	1	..	27945	2
Exports	..	*-24	..	0	-1	..	*-25	-1
International marine bunkers	..	*-3755	..	..	..	..	*-3755	..
International aviation bunkers	..	*-1278	..	..	..	..	*-1278	..
Stock changes	..	*5375	..	..	..	..	*5375	..
Total energy supply	*41	28220	..	309	0	..	28571	310
Statistical Difference	0	*-1314	..	0	0	*-29	*-1342	0
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-16512	..	*-62	34	*7153	*-9388	*-29
Electricity plants	..	*-16512	..	..	..	*7153	*-9359	..
Charcoal plants	..	..	..	*-62	34	..	*-29	*-29
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	*-522	*-522	..
Losses	..	..	..	..	..	*-32	*-32	..
Final consumption	*41	*13022	..	*247	*34	*6628	*19971	*281
Final energy consumption	*41	*12668	..	*247	*34	*6628	*19618	*281
Manufacturing, const., mining	*41	*2364	..	..	..	*3931	*6337	..
Transport	..	*6582	..	..	..	..	*6582	..
Road	..	*6530	..	..	..	..	*6530	..
Domestic aviation	..	*51	..	..	..	..	*51	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*3722	..	*247	*34	*2696	*6699	*281
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	*2857	..	..	..	*68	*2926	..
Households	..	*599	..	..	..	*2628	*3227	..
Other consumers	..	*266	..	*247	*34	..	*547	*281
Non-energy use	..	*354	..	..	..	..	*354	..

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	*17940	..	324	..	493	..	461892	324
Exports	-342947	-475051	..	-99	..	-544	..	-818641	-99
International marine bunkers	-1849	..	..	..	..	..	-1849	..
International aviation bunkers	-19184	..	..	..	..	..	-19184	..
Stock changes	486	-6453	3	..	..	..	..	-5964	..
Total energy supply	543724	-484597	497102	290	..	-14	..	556504	326
Statistical difference	0	-2022	-6620	0	..	288	..	-8354	36
Transfers
Transformation	-543724	557886	-358033	*-14	..	102488	..	-241397	*-14
Electricity plants	-358033	..	..	78545	..	-279488	..
CHP plants	23944	..	23944	..
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	-53494	..	..	-140	..	-58835	..
Losses	-2149	..	-2149	..
Final consumption	70111	92194	*276	..	99896	..	262477	*276
Final energy consumption	55441	37766	*276	..	99896	..	193379	*276
Manufacturing, const., mining	876	37766	..	..	50447	..	89089	..
Iron and steel	876	17254	..	..	..	..	18130	..
Chemical and petrochemical
Non-ferrous metals	41134	..	41134	..
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	20512	..	..	9313	..	29825	..
Transport	54565	..	..	..	..	..	54565	..
Road	53066	..	..	..	..	..	53066	..
Rail
Domestic aviation	1499	..	..	..	..	..	1499	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	*276	..	49450	..	49726	*276
Agriculture, forestry, fishing	220	..	220	..
Commerce, public services	21542	..	21542	..
Households	23	..	27688	..	27711	23
Other consumers	*253	..	..	..	*253	*253
Non-energy use	14670	54428	..	..	..	..	69098	..

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
2017											
Primary production	430704	..	511523	66	..	*36	..	942329	102
Imports	463312	*18428	..	189	..	947	..	482875	189
Exports	-335445	-504221	..	-99	..	-936	..	-840702	-99
International marine bunkers
International aviation bunkers	-19713	..	..	..	..	..	-19713	..
Stock changes	*-972	15756	572	..	..	..	..	15356	..
Total energy supply	557599	-489750	512096	156	..	47	..	580146	192
Statistical difference	0	-124	7160	0	..	2732	..	9768	36
Transfers
Transformation	-557599	566877	-363447	*-29	..	105059	..	-249140	*-29
Electricity plants	-363448	..	..	82555	..	-280893	..
CHP plants	22504	..	22504	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-557599	566877	..	..	..	..	..	9278	..
Other transformation	*-29	..	..	..	*-29	*-29
Energy industries own use	*-5200	-53137	..	..	-144	..	-58481	..
Losses	-2275	..	-2275	..
Final consumption	72051	88351	*126	..	99954	..	260482	*126
Final energy consumption	56934	34669	*126	..	99954	..	191683	*126
Manufacturing, const., mining	788	34669	..	..	50000	..	85458	..
Iron and steel	788	16719	..	..	..	..	17508	..
Chemical and petrochemical
Non-ferrous metals	40244	..	40244	..
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	17950	..	..	9756	..	27706	..
Transport	56146	..	..	..	..	..	56146	..
Road	54911	..	..	..	..	..	54911	..
Rail
Domestic aviation	1235	..	..	..	..	..	1235	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	*126	..	49954	..	50080	*126
Agriculture, forestry, fishing	212	..	212	..
Commerce, public services	18922	..	18922	..
Households	*40	..	30820	..	30859	*40
Other consumers	*86	..	..	..	*86	*86
Non-energy use	15117	53682	..	..	..	..	68799	..

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	21378	..	14188	..	967851	593559	..	4284	..	1601260	597843
Imports	45702	..	55328	170425	..	1	..	..	..	271456	1
Exports	..	..	..	-4450	..	-229	..	..	..	-4679	-229
International marine bunkers	..	..	..	-4646	..	..	..	..	..	-4646	..
International aviation bunkers	..	..	..	-15303	..	..	..	..	..	-15303	..
Stock changes	..	..	..	4128	11858	..	..	..	..	15986	..
Total energy supply	67080	..	69517	150154	979709	593331	..	4284	..	1864076	597615
Statistical difference	-1630	..	7868	-7496	64270	0	..	6354	..	69366	4284
Transfers	..	..	..	569	..	..	..	..	..	569	..
Transformation	-11321	..	-61649	7090	-491413	*-8534	..	243796	..	-322031	*-8534
Electricity plants	-11321	..	..	-49818	-491413	..	..	243796	..	-308756	..
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	..	..	..	-13939	..	-16155	..
Losses	..	..	..	..	-19877	..	..	-23735	..	-43612	..
Final consumption	*56908	..	..	163575	404148	584797	..	204052	..	1413481	584797
Final energy consumption	*56908	..	..	159515	351870	584797	..	204052	..	1357142	584797
Manufacturing, const., mining	*56908	..	..	9609	155134	*1888	..	113580	..	337120	*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	..	113580	..	317943	*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	..	90472	..	876388	582909
Agriculture, forestry, fishing	..	..	..	40592	895	..	..	6062	..	47549	..
Commerce, public services	..	..	..	..	8945	..	..	13342	..	22287	..
Households	..	..	..	10471	140680	573190	..	68882	..	793224	573190
Other consumers	..	..	..	1424	..	*9719	..	2185	..	*13328	*9719
Non-energy use	..	..	..	4060	52278	..	..	..	..	56339	..

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
2017											
Primary production	24289	..	18078	..	963851	594527	..	4403	..	1605147	598930
Imports	54701	..	71356	199674	..	1	..	..	..	325731	1
Exports	..	..	..	-1780	..	-222	..	..	..	-2002	-222
International marine bunkers	..	..	..	-4929	..	..	..	..	..	-4929	..
International aviation bunkers	..	..	..	-16626	..	..	..	..	..	-16626	..
Stock changes	..	..	..	..	17970	..	..	..	..	17970	..
Total energy supply	78989	..	89434	176339	981821	594305	..	4403	..	1925291	598708
Statistical difference	-4087	..	13616	-5525	-53691	0	..	6606	..	-43081	4403
Transfers	..	..	..	438	..	..	..	..	..	438	..
Transformation	-11321	..	-75817	10097	-594746	-8556	..	258966	..	-421378	-8556
Electricity plants	-11321	..	..	-56951	-594746	..	..	258966	..	-404052	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-6763	6339	..	..	..	..	..	-424	..
Oil refineries	..	..	-69055	60709	..	..	..	..	..	-8346	..
Other transformation	..	..	..	..	..	-8556	..	..	..	-8556	-8556
Energy industries own use	-502	..	..	-2125	..	..	..	-14796	..	-17423	..
Losses	..	..	..	..	-19884	..	..	-25344	..	-45228	..
Final consumption	*71253	..	..	190274	420882	585750	..	216623	..	1484782	585750
Final energy consumption	*71253	..	..	185370	372049	585750	..	216623	..	1431045	585750
Manufacturing, const., mining	*71253	..	..	13603	162217	*1753	..	120578	..	369404	*1753
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	19400	..	..	..	..	..	..	..	..	19400	..
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	*51853	..	..	13603	162217	*1753	..	120578	..	350004	*1753
Transport	..	..	..	112687	46697	..	..	..	..	159384	..
Road	..	..	..	78760	46697	..	..	..	..	125457	..
Rail	..	..	..	14233	..	..	..	..	..	14233	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	19694	..	..	..	..	..	19694	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	59080	163136	583997	..	96044	..	902256	583997
Agriculture, forestry, fishing	..	..	..	45021	967	..	..	6437	..	52425	..
Commerce, public services	..	..	..	..	8608	..	..	14162	..	22770	..
Households	..	..	..	8674	153560	574246	..	73127	..	809607	574246
Other consumers	..	..	..	5385	..	*9751	..	2318	..	*17454	*9751
Non-energy use	..	..	..	4904	48833	..	..	..	..	53737	..

Barbados

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	..	1451	488	506	..	108	2554	614
Imports	..	22370	*99	0	1	..	22470	1
Exports	..	-1451	..	0	..	..	-1452	0
International marine bunkers
International aviation bunkers	..	*-5317	..	..	..	..	*-5317	..
Stock changes	..	-924	..	-112	..	..	-1036	-112
Total energy supply	..	16129	587	394	1	108	17219	503
Statistical Difference	..	-16	-28	55	0	0	11	163
Transfers
Transformation	..	-8783	-163	-39	9	3764	-5213	-30
Electricity plants	..	-8783	-163	-23	..	3764	-5205	-23
Charcoal plants	*-16	9	..	*-7	*-7
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-39	..	..	-277	-316	..
Losses	-9	..	..	-74	-84	..
Final consumption	..	7361	404	300	*9	3520	11595	309
Final energy consumption	..	7361	404	300	*9	3520	11595	309
Manufacturing, const., mining	..	696	22	273	..	293	1283	273
Transport	..	5811	..	..	..	..	5811	..
Road	..	5811	..	..	..	..	5811	..
Domestic aviation
Domestic navigation
Other transport
Other	..	855	382	*27	*9	3228	4502	*37
Agriculture, forestry, fishing
Commerce and public services	..	493	298	..	..	1289	2080	..
Households	..	330	84	..	*9	*1229	*1652	*9
Other consumers	..	32	..	*27	..	710	769	*27
Non-energy use
2017								
Primary production	..	1358	411	479	..	*108	2356	587
Imports	..	20987	*199	0	1	..	21187	1
Exports	..	-1354	..	0	..	..	-1355	0
International marine bunkers
International aviation bunkers	..	*-5849	..	..	..	..	*-5849	..
Stock changes	..	-531	..	-133	..	..	-665	-133
Total energy supply	..	14611	610	345	1	*108	15675	455
Statistical Difference	..	-9	-10	0	*-2	-9	-30	106
Transfers
Transformation	..	-6996	-158	-41	9	3747	-3440	-33
Electricity plants	..	-6996	-158	-25	..	3747	-3432	-25
Charcoal plants	*-16	9	..	*-7	*-7
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-42	..	..	-281	-324	..
Losses	-9	..	..	-76	-85	..
Final consumption	..	7623	411	304	*12	3507	11856	316
Final energy consumption	..	7623	411	304	*12	3507	11856	316
Manufacturing, const., mining	..	734	22	277	..	422	1456	277
Transport	..	5982	..	..	..	..	5982	..
Road	..	5982	..	..	..	..	5982	..
Domestic aviation
Domestic navigation
Other transport
Other	..	907	388	*27	*12	3084	4419	*39
Agriculture, forestry, fishing
Commerce and public services	..	534	303	..	..	1486	2322	..
Households	..	339	86	..	*12	*1205	*1641	*12
Other consumers	..	34	..	*27	..	394	456	*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
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	-319	1184	736	0	0	..	0	0	1601	882
Transfers	..	..	13297	-13116	..	..	..	..	..	181	..
Transformation	-16330	7515	-791145	783604	-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	..	..	-791745	796857	..	..	..	..	..	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	8280	..	220828	185524	27132	..	105754	208626	772730	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	..	10	..	640	3858	209	..	5753	18514	28984	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	319	..	129	221	630	..	1948	3348	6595	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	319	..	49567	55580	..	..	..	..	106323	..

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
2017											
Primary production	19178	..	73066	..	5214	80182	..	2128	..	179767	81123
Imports	18690	1654	766899	76660	660923	37	..	21571	..	1546433	37
Exports	-4096	-1064	-68568	-549606	..	-4896	..	-12265	..	-640496	-4896
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-5557	..	..	..	..	..	-5557	..
Stock changes	1464	-177	1311	-10020	8099	..	..	..	..	678	..
Total energy supply	35236	413	772708	-488522	674236	75322	..	11434	..	1080826	76263
Statistical difference	0	0	1227	824	0	0	..	0	0	2050	2128
Transfers	..	..	20895	-20687	..	..	..	..	..	208	..
Transformation	-17383	8491	-780871	776853	-476245	-44047	..	122126	253365	-157709	-42892
Electricity plants	..	..	..	0	-107964	-61	..	48323	..	-59702	-61
CHP plants	-835	-400	..	-5113	-286560	-8135	..	73804	157597	-69642	-7460
Heat plants	-1966	-634	..	-4477	-81721	-35574	..	..	95768	-28604	-35094
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-14583	9526	..	..	..	..	..	..	..	-5057	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-781471	786443	..	..	..	..	..	4973	..
Other transformation	..	..	600	..	..	-277	..	..	..	323	-277
Energy industries own use	-366	..	..	-37960	-9510	-1051	..	-15394	-21913	-86193	-1051
Losses	-863	..	-11506	-47	-1947	..	..	-10339	-19548	-44250	..
Final consumption	16624	8904	..	228813	186534	30225	..	107827	211904	790832	30193
Final energy consumption	15668	8353	..	181619	130675	30225	..	107827	211904	686270	30193
Manufacturing, const., mining	15235	3980	..	6612	37976	4289	..	45209	59385	172686	4257
Iron and steel	..	348	..	169	5109	9	..	6952	310	12898	9
Chemical and petrochemical	..	..	..	421	7704	33	..	12996	21743	42897	33
Non-ferrous metals	..	..	..	..	311	..	..	108	18	437	..
Non-metallic minerals	15235	3100	..	212	14981	114	..	4572	2501	40716	82
Transport equipment	..	145	..	129	706	37	..	1440	1525	3981	37
Machinery	..	358	..	347	2912	210	..	5116	3560	12502	210
Mining and quarrying	..	..	..	133	422	9	..	760	141	1465	9
Food and tobacco	..	10	..	721	3754	241	..	5897	18506	29128	241
Paper, pulp and printing	..	..	..	43	246	9	..	1120	2171	3588	9
Wood and wood products	..	..	..	173	627	2439	..	2142	3538	8920	2439
Textile and leather	..	0	..	172	243	27	..	1328	2340	4111	27
Construction	..	20	..	3962	765	658	..	914	..	6318	658
Industries n.e.s	0	0	..	129	195	502	..	1865	3032	5724	502
Transport	196	39	..	142772	18770	110	..	4403	..	166291	110
Road	..	..	..	134148	278	110	..	576	..	135112	110
Rail	196	39	..	7611	..	..	..	2232	..	10078	..
Domestic aviation	..	..	..	970	..	..	..	..	..	970	..
Domestic navigation	..	..	..	43	..	..	..	..	..	43	..
Pipeline transport	..	..	..	..	18492	..	..	1595	..	20087	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	237	4333	..	32234	73929	25826	..	58216	152519	347294	25826
Agriculture, forestry, fishing	9	59	..	27831	4164	4627	..	5695	7224	49609	4627
Commerce, public services	203	693	..	1849	2087	3060	..	28789	47721	84403	3060
Households	25	3582	..	2554	67677	18139	..	23731	97574	213282	18139
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	957	551	..	47195	55859	..	..	..	..	104562	..

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	..	..	..	..	122440	470048	32036	11733	636647	127085
Imports	98372	22183	1347971	1124295	626300	45503	..	52733	..	3317356	45339
Exports	-1836	-388	..	-1251539	-24260	-9598	..	-30474	..	-1318095	-9598
International marine bunkers	..	..	..	-281731	..	..	..	..	..	-281731	..
International aviation bunkers	..	..	..	-61784	..	..	..	..	..	-61784	..
Stock changes	6148	608	4179	10927	-3330	..	..	..	..	18533	..
Total energy supply	103073	22403	1352151	-459833	598711	158345	470048	54295	11733	2310925	162826
Statistical difference	278	-1054	-390	-5912	1561	-7	0	-734	10	-6248	32094
Transfers	..	..	72530	-68037	..	..	..	..	..	4493	..
Transformation	-80928	22513	-1425071	1430359	-151405	-73624	-470048	272848	16035	-459322	-52211
Electricity plants	-3171	-19112	..	-131	-74214	*-37907	-470048	217523	-10551	-397612	*-29976
CHP plants	-389	0	..	-1402	-77191	-35715	..	55325	26650	-32723	-22168
Heat plants	..	..	..	..	0	-2	..	..	-64	-66	-67
Coke ovens	-45514	46840	..	..	..	..	..	..	..	1327	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-31854	-8746	..	..	..	..	..	..	..	-40600	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-1425071	1434768	..	..	..	..	..	9697	..
Other transformation	..	3531	..	-2876	..	..	..	..	..	655	..
Energy industries own use	..	-11382	..	-52271	-14573	..	..	-18317	-5698	-102241	..
Losses	-111	..	..	..	-1004	-57	..	-13950	-297	-15420	-57
Final consumption	21755	34587	..	856130	430167	*84671	..	295610	21763	1744684	*78464
Final energy consumption	21755	26663	..	585285	392484	*84671	..	295610	21763	1428232	*78464
Manufacturing, const., mining	18166	26437	..	72102	160640	*35415	..	138229	17743	468732	*29366
Iron and steel	10015	17518	..	511	19933	75	..	15642	..	63694	..
Chemical and petrochemical	..	293	..	61942	50966	543	..	48870	14597	177211	390
Non-ferrous metals	..	..	..	83	5072	8	..	6703	..	11867	..
Non-metallic minerals	6148	7888	..	1864	22228	*10458	..	9958	..	58545	*5263
Transport equipment	..	..	..	215	1967	..	..	2927	..	5109	..
Machinery	..	..	..	685	4943	*67	..	6682	..	12377	*67
Mining and quarrying	..	..	..	..	432	..	..	1584	..	2016	..
Food and tobacco	1002	117	..	472	36099	*3012	..	20657	1783	63142	*3012
Paper, pulp and printing	1002	..	..	414	5728	*13014	..	9256	1337	30749	*12394
Wood and wood products	..	..	..	..	1004	*8100	..	1310	..	*10414	*8100
Textile and leather	..	..	..	43	3713	76	..	4018	25	7874	76
Construction	..	..	..	2872	2574	..	..	3096	..	8542	..
Industries n.e.s	0	620	..	3000	5981	*62	..	7528	1	17192	*63
Transport	..	..	..	358256	1600	17954	..	5843	..	383653	17954
Road	..	..	..	351157	221	17954	..	101	..	369433	17954
Rail	..	..	..	903	..	..	..	5612	..	6515	..
Domestic aviation	..	..	..	133	..	..	..	..	..	133	..
Domestic navigation	..	..	..	6019	..	..	..	..	..	6019	..
Pipeline transport	..	..	..	..	1379	..	..	130	..	1508	..
Transport, n.e.s	..	..	..	44	..	..	..	..	..	44	..
Other	3589	226	..	154928	230243	*31302	..	151538	4020	575847	*31144
Agriculture, forestry, fishing	362	..	..	13948	9808	2071	..	5983	205	32376	2073
Commerce, public services	..	..	..	32658	78259	3255	..	77911	2775	194858	2092
Households	3227	226	..	106243	142177	*25976	..	67644	1040	346534	*26979
Other consumers	..	..	..	2079	..	..	..	..	..	2079	..
Non-energy use	..	7924	..	270845	37683	..	..	..	..	316452	..

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
2017											
Primary production	471	..	..	..	..	121197	456052	36241	12488	626448	131058
Imports	101233	22531	1440485	1226779	623760	*46843	..	51080	..	3512711	*46807
Exports	-2588	-532	..	-1437301	-26998	-9698	..	-29405	..	-1506522	-9698
International marine bunkers	..	..	..	-316565	..	..	..	..	..	-316565	..
International aviation bunkers	..	..	..	-67914	..	..	..	..	..	-67914	..
Stock changes	5941	-63	-1266	38123	9737	..	..	..	..	52472	..
Total energy supply	105056	21935	1439219	-556878	606499	158343	456052	57917	12488	2300630	168167
Statistical difference	294	-2134	-112	6530	-1454	36	0	709	7	3876	36343
Transfers	..	..	58914	-54710	..	..	..	..	..	4204	..
Transformation	-81939	20707	-1498245	1499066	-150885	-75615	-456052	271490	10794	-460678	-54049
Electricity plants	0	-19780	..	-218	-78290	*41102	-456052	216943	-11272	-389771	*33136
CHP plants	-382	0	..	-1272	-72595	-34505	..	54547	22121	-32086	-20845
Heat plants	..	..	..	..	0	-9	..	..	-55	-64	-69
Coke ovens	-47293	46232	..	..	..	..	..	..	..	-1061	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-34264	-9510	..	..	..	..	..	..	..	-43774	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-1498245	1503795	..	..	..	..	..	5550	..
Other transformation	..	3765	..	-3239	..	..	..	..	..	526	..
Energy industries own use	..	-11242	..	-54159	-16708	..	..	-20426	-4507	-107042	..
Losses	-118	..	..	..	-1004	-24	..	-13360	-275	-14781	-24
Final consumption	22705	33534	..	826789	439357	*82668	..	294912	18493	1718458	*77752
Final energy consumption	22705	25610	..	566166	394937	*82668	..	294912	18493	1405491	*77752
Manufacturing, const., mining	19058	25446	..	59937	167445	*33799	..	140393	14660	460738	*29133
Iron and steel	10000	17540	..	511	20861	67	..	16052	..	65031	..
Chemical and petrochemical	..	293	..	49934	55517	456	..	51077	11750	169027	334
Non-ferrous metals	..	..	..	40	5557	1	..	7452	..	13050	..
Non-metallic minerals	6823	6751	..	1719	22100	*8911	..	10094	..	56398	*5160
Transport equipment	..	..	..	172	1939	..	..	3334	2	5446	..
Machinery	..	..	..	685	5088	79	..	6368	..	12220	78
Mining and quarrying	..	..	..	..	432	..	..	1627	..	2059	..
Food and tobacco	1147	117	..	343	36968	*3360	..	20257	1692	63885	*3360
Paper, pulp and printing	1088	..	..	373	5904	*13235	..	9299	1194	31094	*12538
Wood and wood products	..	..	..	..	994	*7589	..	1314	..	*9897	*7589
Textile and leather	..	..	..	43	3760	37	..	3740	21	7602	10
Construction	..	..	..	3087	2641	..	..	2959	..	8687	..
Industries n.e.s	0	745	..	3029	5686	*64	..	6818	1	16344	*65
Transport	..	..	..	351429	1572	19355	..	5980	..	378336	19355
Road	..	..	..	344116	363	19355	..	140	..	363974	19355
Rail	..	..	..	903	..	..	..	5627	..	6530	..
Domestic aviation	..	..	..	133	..	..	..	..	..	133	..
Domestic navigation	..	..	..	6190	..	..	..	..	..	6190	..
Pipeline transport	..	..	..	..	1210	..	..	212	..	1422	..
Transport, n.e.s	..	..	..	88	..	..	..	..	..	88	..
Other	3647	164	..	154800	225920	*29514	..	148540	3833	566418	*29263
Agriculture, forestry, fishing	382	..	..	13864	11028	1883	..	5771	189	33117	1885
Commerce, public services	..	..	..	32709	76301	3353	..	77620	2566	192548	2060
Households	3265	164	..	106334	138591	*24279	..	65149	1078	338860	*25319
Other consumers	..	..	..	1893	..	..	..	..	..	1893	..
Non-energy use	..	7924	..	260623	44420	..	..	..	..	312967	..

Belize

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	..	3395	73	4580	..	*940	8988	5520
Imports	..	8881	..	0	1	911	9793	1
Exports	..	-2561	..	..	-1	..	-2561	-1
International marine bunkers
International aviation bunkers	..	-672	..	..	..	..	-672	..
Stock changes	..	-258	*12	0	..	..	-246	0
Total energy supply	..	8785	85	4580	0	*1851	15301	5520
Statistical Difference	..	-67	0	0	0	0	-68	939
Transfers
Transformation	..	-264	-85	-1784	23	*815	-1295	-1761
Electricity plants	..	-264	-54	-1742	..	*815	-1245	-1742
Charcoal plants	*-43	23	..	*-20	*-20
Other transformation	..	0	-31	0	..	..	-31	0
Energy industries own use	*-316	*-316	..
Losses	-245	-245	..
Final consumption	..	8588	..	2796	*23	2104	13512	2819
Final energy consumption	..	8488	..	2796	*23	2104	13411	2819
Manufacturing, const., mining	..	746	..	1688	..	488	2922	1688
Transport	..	6850	..	..	..	..	6850	..
Road	..	6513	..	..	..	..	6513	..
Domestic aviation	..	*19	..	..	..	..	*19	..
Domestic navigation
Other transport	..	*318	..	..	..	..	*318	..
Other	..	891	..	*1108	*23	1617	3639	*1131
Agriculture, forestry, fishing	46	46	..
Commerce and public services	..	98	..	..	..	607	705	..
Households	..	793	..	..	*23	964	1780	*23
Other consumers	*1108	..	..	*1108	*1108
Non-energy use	..	*101	..	..	..	..	*101	..
2017								
Primary production	..	2277	57	5302	..	974	8610	6276
Imports	..	8890	..	..	0	829	9719	0
Exports	..	-1653	..	..	-1	..	-1654	-1
International marine bunkers
International aviation bunkers	..	-651	..	..	..	..	-651	..
Stock changes	..	-2	*16	..	..	..	*15	..
Total energy supply	..	8862	73	5302	0	1803	16039	6276
Statistical Difference	..	-78	0	0	0	*-3	-81	974
Transfers
Transformation	..	-382	*-73	-1884	23	*1026	-1290	-1861
Electricity plants	..	-382	*-45	-1841	..	*1026	-1242	-1841
Charcoal plants	*-43	23	..	*-20	*-20
Other transformation	..	0	*-28	0	..	..	*-28	0
Energy industries own use	*-200	*-200	..
Losses	-377	-377	..
Final consumption	..	8558	..	3418	*23	*2255	14254	3441
Final energy consumption	..	8457	..	3418	*23	*2255	14152	3441
Manufacturing, const., mining	..	689	..	2429	..	620	3739	2429
Transport	..	6635	..	..	..	..	6635	..
Road	..	6222	..	..	..	..	6222	..
Domestic aviation	..	*20	..	..	..	..	*20	..
Domestic navigation
Other transport	..	*393	..	..	..	..	*393	..
Other	..	1132	..	*989	*23	*1634	*3778	*1012
Agriculture, forestry, fishing	58	58	..
Commerce and public services	..	125	..	..	..	*612	*737	..
Households	..	1007	..	..	*23	*964	1994	*23
Other consumers	*989	..	..	*989	*989
Non-energy use	..	*102	..	..	..	..	*102	..

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	..	36	..	104604	104604
Imports	3096	..	..	84961	68	..	..	3920	..	92046	..
Exports
International marine bunkers	-40	..	..	..	..	..	-40	..
International aviation bunkers	-1411	..	..	..	..	..	-1411	..
Stock changes	-2016	..	..	..	..	..	-2016	..
Total energy supply	3096	..	..	81494	68	104568	..	3956	..	193182	104604
Statistical difference	0	..	..	-6024	0	30	..	22	..	-5973	66
Transfers
Transformation	-2452	-68	-27607	..	958	..	-29170	-27607
Electricity plants	-2452	-68	..	..	958	..	-1563	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	-27607	..	..	..	-27607	-27607
Energy industries own use	0	..	0	..
Losses	-1037	..	-1037	..
Final consumption	3096	..	..	85065	..	*76932	..	3856	..	168948	*76932
Final energy consumption	3096	..	..	85065	..	*76932	..	3856	..	168948	*76932
Manufacturing, const., mining	3096	..	..	2154	..	644	..	835	..	6728	644
Iron and steel
Chemical and petrochemical
Non-ferrous metals	999	..	..	..	..	..	999	..
Non-metallic minerals	515	..	515	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	121	..	..	..	72	..	193	..
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	3096	..	..	1034	..	644	..	248	..	5022	644
Transport	80893	..	..	..	..	..	80893	..
Road	80893	..	..	..	..	..	80893	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	2019	..	*76288	..	3020	..	*81327	*76288
Agriculture, forestry, fishing	430	..	..	..	25	..	455	..
Commerce, public services	95	..	*10008	..	1616	..	*11719	*10008
Households	1494	..	*66281	..	1379	..	*69154	*66281
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
2017											
Primary production	114430	..	22	..	114452	114452
Imports	3277	..	..	89667	1373	..	..	4000	..	98317	..
Exports
International marine bunkers	-40	..	..	..	..	..	-40	..
International aviation bunkers	-1279	..	..	..	..	..	-1279	..
Stock changes	1468	..	..	..	..	..	1468	..
Total energy supply	3277	..	..	89817	1373	114430	..	4021	..	212918	114452
Statistical difference	0	..	..	1316	0	0	..	22	..	1338	22
Transfers
Transformation	-1678	-1373	*-29268	..	1170	..	*-31150	*-29268
Electricity plants	-1678	-1373	..	..	1170	..	-1882	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	*-29268	..	..	..	*-29268	*-29268
Energy industries own use	0	..	0	..
Losses	-1069	..	-1069	..
Final consumption	3277	..	..	86822	..	*85162	..	4100	..	*179360	*85162
Final energy consumption	3277	..	..	86822	..	*85162	..	4100	..	*179360	*85162
Manufacturing, const., mining	3277	..	..	1293	..	*634	..	922	..	6125	*634
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	999	..	..	..	504	..	1503	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	121	..	..	..	72	..	193	..
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	3277	..	..	173	..	*634	..	346	..	4429	*634
Transport	83522	..	..	..	..	..	83522	..
Road	83479	..	..	..	..	..	83479	..
Rail	43	..	..	..	..	..	43	..
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	2007	..	*84528	..	3179	..	*89714	*84528
Agriculture, forestry, fishing	560	..	..	..	43	..	603	..
Commerce, public services	95	..	*13997	..	1782	..	*15874	*13997
Households	1353	..	*70531	..	1354	..	*73237	*70531
Other consumers
Non-energy use

Bermuda

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	..	..	..	*605	..	..	*605	*303
Imports	14	9169	..	9	0	..	9193	10
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	*-404	..	..	..	..	*-404	..
International aviation bunkers	..	*-617	..	..	..	..	*-617	..
Stock changes	..	430	..	..	..	..	430	..
Total energy supply	14	8578	..	*614	0	..	9207	*312
Statistical Difference	0	*-50	..	0	0	0	*-50	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	..	..	..	..	..	*-159	*-159	..
Final consumption	*14	*4140	..	*9	0	2109	*6273	*10
Final energy consumption	*14	*4095	..	*9	0	2109	*6228	*10
Manufacturing, const., mining	*14	*46	..	0	..	..	*60	0
Transport	..	*1633	..	*1	..	..	*1633	*1
Road	..	*1377	..	*1	..	..	*1378	*1
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	*255	..	..	..	..	*255	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*2416	..	*9	0	2109	*4534	*9
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	1032	1032	..
Households	..	*2416	..	*9	0	882	*3307	*9
Other consumers	..	..	..	..	..	195	195	..
Non-energy use	..	*46	..	..	..	..	*46	..
2017								
Primary production	..	..	..	*590	..	..	*590	*295
Imports	8	10414	..	3	0	..	10426	4
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	*-424	..	..	..	..	*-424	..
International aviation bunkers	..	*-679	..	..	..	..	*-679	..
Stock changes	..	*-645	..	..	..	..	*-645	..
Total energy supply	8	8666	..	*593	0	..	9267	*299
Statistical Difference	0	731	..	0	0	0	*731	0
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-5367	..	*-590	..	2424	*-3534	*-295
Electricity plants	..	*-5367	..	*-590	..	2424	*-3534	*-295
Charcoal plants	..	..	..	..	..	..	..	..
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-158	-158	..
Losses	..	..	..	..	..	*-161	*-161	..
Final consumption	*8	*2567	..	*3	0	2104	*4683	*4
Final energy consumption	*8	*2536	..	*3	0	2104	*4652	*4
Manufacturing, const., mining	*8	*75	..	0	..	..	*83	0
Transport	..	*1579	..	*1	..	..	*1580	*1
Road	..	*1320	..	*1	..	..	*1320	*1
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	*259	..	..	..	..	*259	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*881	..	*3	0	2104	2989	*3
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	1026	1026	..
Households	..	*881	..	*3	0	882	*1767	*3
Other consumers	..	..	..	..	..	196	196	..
Non-energy use	..	*32	..	..	..	..	*32	..

Bhutan

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	3039	..	..	47088	..	28633	78759	75721
Imports	..	7482	..	1	223	303	8009	224
Exports	0	..	..	0	-2	-20747	-20750	-2
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-118	..	..	..	..	*-118	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	3039	7364	..	47089	220	8189	65900	75942
Statistical Difference	0	1	..	0	0	0	1	28633
Transfers	..	..	..	..	..	..	..	..
Transformation	..	0	..	*-384	207	0	*-177	*-177
Electricity plants	..	0	..	..	..	0	0	..
Charcoal plants	..	..	..	*-384	207	..	*-177	*-177
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	0	0	..
Losses	..	..	..	..	..	*-957	*-957	..
Final consumption	*3039	7363	..	*46705	*427	7232	*64765	*47132
Final energy consumption	*3039	6784	..	*46705	*427	7232	*64187	*47132
Manufacturing, const., mining	*3039	*55	..	..	..	5574	8668	..
Transport	..	6197	..	..	..	..	6197	..
Road	..	*1188	..	..	..	..	*1188	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	5009	..	..	..	..	5009	..
Other	..	*532	..	*46705	*427	1658	*49322	*47132
Agriculture, forestry, fishing	..	..	..	..	..	8	8	..
Commerce and public services	..	..	..	..	..	220	220	..
Households	..	*532	..	*46614	*427	855	*48428	*47041
Other consumers	..	..	..	*91	..	575	666	*91
Non-energy use	..	*579	..	..	..	..	*579	..
2017								
Primary production	4167	..	..	47457	..	27826	79451	75283
Imports	..	8180	..	1	150	331	8662	151
Exports	-488	..	..	0	0	-20524	-21013	-1
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-142	..	..	..	..	*-142	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	3679	8038	..	47458	149	7634	66958	75434
Statistical Difference	0	4	..	0	0	-444	-439	27826
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-3	..	*-384	207	1	*-179	*-177
Electricity plants	..	*-3	..	..	..	1	*-2	..
Charcoal plants	..	..	..	*-384	207	..	*-177	*-177
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-1	-1	..
Losses	..	..	..	..	..	-209	-209	..
Final consumption	*3679	*8030	..	*47075	*356	7869	*67009	*47430
Final energy consumption	*3679	*7295	..	*47075	*356	7869	*66273	*47430
Manufacturing, const., mining	*3679	*70	..	..	..	5755	9503	..
Transport	..	*6688	..	..	..	..	*6688	..
Road	..	*1283	..	..	..	..	*1283	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	*5405	..	..	..	..	*5405	..
Other	..	*537	..	*47075	*356	2114	*50081	*47430
Agriculture, forestry, fishing	..	..	..	..	..	8	8	..
Commerce and public services	..	..	..	..	..	249	249	..
Households	..	*537	..	*47002	*356	871	*48765	*47357
Other consumers	..	..	..	*73	..	986	1059	*73
Non-energy use	..	*736	..	..	..	..	*736	..

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	136154	..	724935	47122	..	6358	..	914568	53480
Imports	37672	..	0	..	..	..	37672	0
Exports	0	-20550	-566473	-21	..	..	..	-587044	-21
International marine bunkers
International aviation bunkers	-3704	..	..	..	..	..	-3704	..
Stock changes	-85	1691	..	..	..	..	..	1607	..
Total energy supply	136069	15109	158462	47101	..	6358	..	363098	53458
Statistical difference	-7214	-12629	3478	0	..	-281	..	-16646	6358
Transfers
Transformation	-143283	140542	-77801	*-7961	..	27515	..	-60988	*-7961
Electricity plants	-2451	-77801	*-7050	..	27515	..	-59788	*-7050
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-17680	18920	..	..	..	..	..	1240	..
Oil refineries	-125603	124073	..	..	..	..	..	-1530	..
Other transformation	*-911	..	..	..	*-911	*-911
Energy industries own use	-6614	-12577	*-1417	..	-432	..	-21040	*-1417
Losses	-4229	-640	..	..	-4198	..	-9066	..
Final consumption	157438	63967	*37722	..	29524	..	288650	*37722
Final energy consumption	152891	63967	*37722	..	29524	..	284103	*37722
Manufacturing, const., mining	4482	32344	*25126	..	7682	..	69635	*25126
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	*25126	..	7682	..	69635	*25126
Transport	93174	24659	..	..	..	..	117833	..
Road	88940	24659	..	..	..	..	113599	..
Rail
Domestic aviation	4234	..	..	..	..	..	4234	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	55234	6963	*12596	..	21841	..	96635	*12596
Agriculture, forestry, fishing	26316	..	..	..	3247	..	29563	..
Commerce, public services	284	1925	..	..	7229	..	9438	..
Households	19710	5038	*12596	..	11365	..	48710	*12596
Other consumers	8924	..	..	..	..	..	8924	..
Non-energy use	4547	..	..	..	..	..	4547	..

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
2017											
Primary production	131508	..	695871	41911	..	8298	..	877588	50209
Imports	50813	..	0	..	..	..	50813	0
Exports	0	-12670	-542801	-13	..	..	..	-555483	-13
International marine bunkers
International aviation bunkers	-3484	..	..	..	..	..	-3484	..
Stock changes	127	1884	..	..	..	..	..	2011	..
Total energy supply	131635	36543	153070	41899	..	8298	..	371445	50197
Statistical difference	-23965	-5449	1840	0	..	817	..	-26756	8298
Transfers
Transformation	-155600	151377	-73375	*-7350	..	27572	..	-57375	*-7350
Electricity plants	-2580	-73375	*-6439	..	27572	..	-54822	*-6439
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-17459	18684	..	..	..	..	..	1225	..
Oil refineries	-138141	135274	..	..	..	..	..	-2867	..
Other transformation	*-911	..	..	..	*-911	*-911
Energy industries own use	-6867	-12240	*-1579	..	-655	..	-21342	*-1579
Losses	-5331	-650	..	..	-4298	..	-10279	..
Final consumption	181171	64965	*32969	..	30100	..	309205	*32969
Final energy consumption	179478	64965	*32969	..	30100	..	307512	*32969
Manufacturing, const., mining	4559	31519	*25529	..	7747	..	69354	*25529
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	4559	31519	*25529	..	7747	..	69354	*25529
Transport	99136	25839	..	..	..	..	124975	..
Road	94549	25839	..	..	..	..	120388	..
Rail
Domestic aviation	4587	..	..	..	..	..	4587	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	75783	7607	*7440	..	22352	..	113183	*7440
Agriculture, forestry, fishing	27821	..	..	..	3247	..	31068	..
Commerce, public services	237	2047	..	..	7492	..	9775	..
Households	17254	5560	*7440	..	11614	..	41868	*7440
Other consumers	30472	..	..	..	..	..	30472	..
Non-energy use	1693	..	..	..	..	..	1693	..

Bonaire, St Eustatius, Saba

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	153	153	153
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	153	*5370	157
Statistical Difference	..	*-97	..	0	0	0	*-97	153
Transfers
Transformation	..	*-1147	..	..	..	340	*-807	..
Electricity plants	..	*-1147	..	..	..	340	*-807	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-59	-59	..
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	..
2017								
Primary production	145	145	145
Imports	..	*14666	..	*1	*3	..	*14670	*4
Exports
International marine bunkers	..	*-9042	..	..	..	..	*-9042	..
International aviation bunkers	..	*-348	..	..	..	..	*-348	..
Stock changes
Total energy supply	..	*5276	..	*1	*3	145	*5425	149
Statistical Difference	..	*-178	..	0	0	0	*-178	145
Transfers
Transformation	..	*-1228	..	..	..	365	*-863	..
Electricity plants	..	*-1228	..	..	..	365	*-863	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-61	-61	..
Losses	*-76	*-76	..
Final consumption	..	*4226	..	*1	*3	*373	*4602	*4
Final energy consumption	..	*3586	..	*1	*3	*373	*3963	*4
Manufacturing, const., mining	..	*905	..	..	..	*191	*1096	..
Transport	..	*2279	..	..	..	..	*2279	..
Road	..	*2279	..	..	..	..	*2279	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*402	..	*1	*3	*182	*588	*4
Agriculture, forestry, fishing
Commerce and public services
Households	..	*402	..	*1	*3	..	*406	*4
Other consumers	*182	*182	..
Non-energy use	..	*639	..	..	..	..	*639	..

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	0	-1	..	0	0	83	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	..	..	-4889	-356	-5374	..
Final consumption	10913	4979	..	64272	5689	20844	..	39917	5280	151894	20844
Final energy consumption	10913	4979	..	61096	5689	20844	..	39917	5280	148718	20844
Manufacturing, const., mining	3265	4979	..	4651	3182	732	..	14684	22	31515	732
Iron and steel	..	4380	..	848	781	..	..	2927	..	8936	..
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	..	763	..
Commerce, public services	..	..	..	2004	1058	1496	..	7690	1267	13514	1496
Households	3079	..	..	3560	1446	18616	..	17039	3991	47731	18616
Other consumers	4570	..	..	282	..	..	..	..	..	4852	..
Non-energy use	..	..	..	3176	..	..	..	..	..	3176	..

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
2017											
Primary production	151220	..	..	..	..	28596	..	14429	..	194245	43025
Imports	40610	1655	35744	47224	8363	265	..	12046	..	145906	265
Exports	-2566	-8733	..	-11242	..	-9486	..	-18673	..	-50700	-9486
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-441	..	..	..	..	..	-441	..
Stock changes	-648	-6165	-3257	-1168	..	..	..	..	..	-11237	..
Total energy supply	188616	-13243	32486	34374	8363	19375	..	7801	..	277772	33804
Statistical difference	0	0	0	142	0	0	..	47	0	188	14428
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-177243	23995	-32486	35224	-2104	-2568	..	44752	5793	-104638	-2568
Electricity plants	-136897	..	..	-646	-267	..	..	43927	..	-93883	..
CHP plants	-3672	..	..	..	..	-196	..	824	1817	-1227	-196
Heat plants	-2319	..	..	-606	-1837	-622	..	..	3976	-1408	-622
Coke ovens	-34355	30929	..	..	..	..	..	..	..	-3426	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-6934	..	..	..	..	..	..	..	-6934	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-32486	36476	..	..	..	..	..	3990	..
Other transformation	..	..	..	..	..	-1750	..	..	..	-1750	-1750
Energy industries own use	-118	-6527	..	-4696	..	..	..	-6624	-27	-17992	..
Losses	-193	..	..	..	-19	..	..	-4849	-438	-5499	..
Final consumption	11061	4226	..	64760	6240	16808	..	41033	5328	149455	16808
Final energy consumption	11061	4226	..	62107	6240	16808	..	41033	5328	146802	16808
Manufacturing, const., mining	4791	4226	..	5667	3585	720	..	15638	21	34647	720
Iron and steel	..	4197	..	1212	732	..	..	2952	..	9093	..
Chemical and petrochemical	..	..	..	90	50	..	..	490	..	630	..
Non-ferrous metals	1449	..	..	47	2342	..	..	6221	..	10059	..
Non-metallic minerals	2990	29	..	215	51	..	..	605	..	3890	..
Transport equipment	..	..	..	95	6	..	..	191	..	292	..
Machinery	61	..	..	310	8	..	..	1044	..	1423	..
Mining and quarrying	32	..	..	1075	1	..	..	331	..	1439	..
Food and tobacco	193	..	..	628	284	..	..	950	..	2056	..
Paper, pulp and printing	..	..	..	90	19	..	..	824	..	934	..
Wood and wood products	..	..	..	258	35	..	..	644	..	938	..
Textile and leather	54	..	..	138	51	..	..	626	..	869	..
Construction	..	..	..	1419	..	..	..	227	..	1646	..
Industries n.e.s	11	0	..	90	5	720	..	533	21	1379	720
Transport	..	..	..	52223	46	..	..	274	..	52542	..
Road	..	..	..	52223	46	..	..	..	..	52269	..
Rail	..	..	..	..	..	..	..	274	..	274	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	6270	..	..	4217	2609	16088	..	25121	5307	59613	16088
Agriculture, forestry, fishing	11	..	..	608	..	..	..	173	..	791	..
Commerce, public services	..	..	..	1359	1028	1248	..	7826	1310	12771	1248
Households	4370	..	..	1888	1581	14840	..	17122	3997	43798	14840
Other consumers	1890	..	..	363	..	..	..	..	..	2253	..
Non-energy use	..	..	..	2653	..	..	..	..	..	2653	..

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	..

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
2017											
Primary production	52385	..	..	..	..	6388	..	7	..	58781	6395
Imports	..	..	..	41222	..	1	..	4637	..	45860	1
Exports	-5404	..	..	..	..	..	..	..	..	-5404	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-485	..	..	..	..	..	-485	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	46982	..	..	40737	..	6389	..	4644	..	98752	6396
Statistical difference	0	..	..	-5253	..	0	..	50	..	-5202	7
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-45212	..	..	-129	..	*-1901	..	10872	..	-36370	*-1901
Electricity plants	-45212	..	..	-129	..	..	..	10872	..	-34469	..
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	..	..	..	..	..	..	..	-1584	..	-1584	..
Losses	..	..	..	..	..	..	..	-2074	..	-2074	..
Final consumption	1770	..	..	45861	..	*4488	..	11808	..	63927	*4488
Final energy consumption	1770	..	..	44977	..	*4488	..	11808	..	63042	*4488
Manufacturing, const., mining	1605	..	..	7853	..	..	..	3924	..	13382	..
Iron and steel	..	..	..	..	..	..	..	58	..	58	..
Chemical and petrochemical	..	..	..	..	..	..	..	79	..	79	..
Non-ferrous metals	..	..	..	..	..	..	..	79	..	79	..
Non-metallic minerals	..	..	..	..	..	..	..	68	..	68	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	1605	..	..	5811	..	..	..	3013	..	10429	..
Food and tobacco	..	..	..	176	..	..	..	320	..	497	..
Paper, pulp and printing	..	..	..	40	..	..	..	29	..	69	..
Wood and wood products	..	..	..	..	..	..	..	29	..	29	..
Textile and leather	..	..	..	43	..	..	..	94	..	137	..
Construction	..	..	..	946	..	..	..	22	..	968	..
Industries n.e.s	0	..	..	837	..	..	..	133	..	970	..
Transport	..	..	..	35276	..	..	..	..	..	35276	..
Road	..	..	..	34714	..	..	..	..	..	34714	..
Rail	..	..	..	473	..	..	..	..	..	473	..
Domestic aviation	..	..	..	89	..	..	..	..	..	89	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	165	..	..	1848	..	*4488	..	7884	..	14385	*4488
Agriculture, forestry, fishing	118	..	..	434	..	..	..	673	..	1225	..
Commerce, public services	47	..	..	864	..	..	..	3074	..	3986	..
Households	..	..	..	506	..	*2272	..	3679	..	6457	*2272
Other consumers	..	..	..	43	..	*2216	..	457	..	*2716	*2216
Non-energy use	..	..	..	884	..	..	..	..	..	884	..

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	..	6413237	..	799856	3659283	171331	1492142	..	12666161	5151426
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	..	6439	..	..	..	-33142	6439
Total energy supply	709937	33105	4772460	497597	1208619	3645315	171331	1639004	..	12677369	5137457
Statistical difference	-457	-455	4469	-158482	-5884	4611	0	-7	..	-156205	1496753
Transfers	..	..	-82427	90446	..	-121075	..	..	..	-113056	-121075
Transformation	-546937	339274	-4685564	4118302	-451731	-613759	-171331	591887	..	-1419859	-613759
Electricity plants	*-259050	-11417	..	*-135183	*-451731	-524954	-171331	591887	..	-961779	-524954
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	..	..	-4498775	4154969	..	..	..	..	..	-343806	..
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	2457557	..	1769778	..	9872413	2457557
Final energy consumption	162987	363601	..	4065549	460692	2457557	..	1769778	..	9280164	2457557
Manufacturing, const., mining	162987	363601	..	463875	376448	1344695	..	706367	..	3417973	1344695
Iron and steel	94152	349583	..	13133	40094	136721	..	83858	..	717542	136721
Chemical and petrochemical	7119	..	..	96114	87055	5666	..	79567	..	275522	5666
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	227	..	..	..	227	227
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	..	..	1036	..	..	..	1036	1036
Food and tobacco	..	..	..	..	..	648	..	..	..	648	648
Paper, pulp and printing	..	..	..	..	..	486	..	..	..	486	486
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	61716	14018	..	354628	249299	1199912	..	542941	..	2422514	1199912
Transport	..	..	..	3066359	63102	676977	..	7225	..	3813663	676977
Road	..	..	..	2848410	63102	674418	..	..	..	3585931	674418
Rail	..	..	..	41968	..	2558	..	7225	..	51752	2558
Domestic aviation	..	..	..	145406	..	..	..	..	..	145406	..
Domestic navigation	..	..	..	30575	..	..	..	..	..	30575	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	535315	21142	435885	..	1056186	..	2048528	435885
Agriculture, forestry, fishing	..	..	..	232111	..	113071	..	101671	..	446854	113071
Commerce, public services	..	..	..	..	..	0	..	476093	..	476093	0
Households	..	..	..	274664	14122	315617	..	478422	..	1082825	315617
Other consumers	..	..	..	28540	7020	7197	..	..	..	42756	7197
Non-energy use	..	..	..	565423	26826	..	..	..	..	592250	..

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
2017											
Primary production	89633	..	6656143	..	896891	3762989	169981	1490134	..	13065771	5253122
Imports	647662	46971	338161	1207311	373649	38699	..	131440	..	2783892	38699
Exports	..	..	-2432434	-235444	..	-29439	..	-562	..	-2697878	-29439
International marine bunkers	..	..	..	-140518	..	..	..	..	..	-140518	..
International aviation bunkers	..	..	..	-93051	..	..	..	..	..	-93051	..
Stock changes	-3013	-3451	10170	-11460	..	-10177	..	..	..	-17932	-10177
Total energy supply	734282	43520	4572040	726838	1270540	3762072	169981	1621012	..	12900284	5252205
Statistical difference	-18884	-38	5336	-152120	3961	-54290	0	7	..	-216027	1435844
Transfers	..	..	-105086	-38436	..	-141200	..	..	..	-284722	-141200
Transformation	-558895	361885	-4461618	3941415	-519556	-659071	-169981	631444	..	-1434377	-659071
Electricity plants	-232538	-16320	..	-134859	-519556	-567979	-169981	631444	..	-1009789	-567979
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-326357	378205	..	-37960	..	..	..	..	..	13888	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-194126	134437	..	..	..	..	..	-59689	..
Oil refineries	..	..	-4267492	3979796	..	..	..	..	..	-287696	..
Other transformation	..	..	..	..	..	-91092	..	..	..	-91092	-91092
Energy industries own use	..	-8849	..	-232603	-259276	-432414	..	-106708	..	-1039850	-432414
Losses	-2386	-1161	..	-4063	-15269	-4783	..	-353099	..	-380760	-4783
Final consumption	191885	395433	..	4545271	472478	2578893	..	1792642	..	9976601	2578893
Final energy consumption	191885	395433	..	3970966	445336	2578893	..	1792642	..	9375154	2578893
Manufacturing, const., mining	191885	395433	..	448843	356281	1353223	..	718855	..	3464520	1353223
Iron and steel	116866	380865	..	11799	45968	145059	..	89903	..	790458	145059
Chemical and petrochemical	8876	..	..	106845	85659	5857	..	79747	..	286984	5857
Non-ferrous metals	36317	10658	..	72125	23225	32	..	98251	..	240609	32
Non-metallic minerals	14114	1863	..	36291	16495	227	..	44989	..	113978	227
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	6053	2046	..	142640	52689	1101	..	35093	..	239622	1101
Food and tobacco	3288	..	..	26279	33660	680	..	98939	..	162846	680
Paper, pulp and printing	5704	..	..	22083	32156	551	..	83675	..	144168	551
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	4700	8845	..	..	23450	..	36996	..
Construction	..	..	..	606	..	..	..	..	..	606	..
Industries n.e.s	669	0	..	25477	57584	1199716	..	164808	..	1448254	1199716
Transport	..	..	..	3021020	68700	770990	..	7398	..	3868108	770990
Road	..	..	..	2799881	68700	767914	..	..	..	3636495	767914
Rail	..	..	..	41968	..	3076	..	7398	..	52442	3076
Domestic aviation	..	..	..	144876	..	..	..	..	..	144876	..
Domestic navigation	..	..	..	34296	..	..	..	..	..	34296	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	501102	20355	454680	..	1066388	..	2042526	454680
Agriculture, forestry, fishing	..	..	..	196119	..	132764	..	103450	..	432333	132764
Commerce, public services	..	..	..	..	..	32	..	480625	..	480658	32
Households	..	..	..	276036	15012	314639	..	482314	..	1088000	314639
Other consumers	..	..	..	28947	5343	7244	..	..	..	41535	7244
Non-energy use	..	..	..	574305	27142	..	..	..	..	601447	..

British Virgin Islands

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	*758	*-1007	*-2
Electricity plants	..	*-1763	..	..	..	*758	*-1005	..
Charcoal plants	*-4	2	..	*-2	*-2
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-26	*-26	..
Losses	*-79	*-79	..
Final consumption	..	*1205	..	*10	*3	*659	*1877	*14
Final energy consumption	..	*1205	..	*10	*3	*659	*1877	*14
Manufacturing, const., mining	*36	*36	..
Transport	..	*1029	..	..	..	..	*1029	..
Road	..	*642	..	..	..	..	*642	..
Domestic aviation
Domestic navigation
Other transport	..	*387	..	..	..	..	*387	..
Other	..	*175	..	*10	*3	*623	*812	*14
Agriculture, forestry, fishing
Commerce and public services	*419	*419	..
Households	..	*175	..	*10	*3	*204	*393	*14
Other consumers
Non-energy use
2017								
Primary production	14	..	*4	18	18
Imports	..	*2387	..	..	1	..	*2388	1
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*2387	..	14	1	*4	*2406	19
Statistical Difference	..	0	..	0	0	0	0	4
Transfers
Transformation	..	*-1518	..	-4	2	*531	*-989	-2
Electricity plants	..	*-1518	..	..	..	*531	*-987	..
Charcoal plants	-4	2	..	-2	-2
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-19	*-19	..
Losses	*-68	*-68	..
Final consumption	..	*869	..	*10	*3	*447	*1330	*14
Final energy consumption	..	*869	..	*10	*3	*447	*1330	*14
Manufacturing, const., mining	*26	*26	..
Transport	..	*729	..	..	..	..	*729	..
Road	..	*514	..	..	..	..	*514	..
Domestic aviation
Domestic navigation
Other transport	..	*215	..	..	..	..	*215	..
Other	..	*140	..	*10	*3	*422	*575	*14
Agriculture, forestry, fishing
Commerce and public services	*288	*288	..
Households	..	*140	..	*10	*3	*134	*287	*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
2016											
Primary production	252406	..	380146	106	..	4	..	632662	110
Imports	150	16275	..	9	..	..	..	16434	9
Exports	-239568	0	-283580	-7	..	..	..	-523154	-7
International marine bunkers	-1576	..	..	..	..	..	-1576	..
International aviation bunkers	-3263	..	..	..	..	..	-3263	..
Stock changes	1115	485	1134	..	..	..	..	2734	..
Total energy supply	14103	11920	97700	109	..	4	..	123835	112
Statistical difference	-723	687	-3441	-6	..	0	..	-3483	-3
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	..

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
2017											
Primary production	235333	..	416499	106	..	7	..	651946	114
Imports	120	19208	..	11	..	..	..	19339	11
Exports	-226552	0	-294493	-4	..	..	..	-521049	-4
International marine bunkers
International aviation bunkers	-3131	..	..	..	..	..	-3131	..
Stock changes	3174	-492	2813	..	..	..	..	5494	..
Total energy supply	12076	15584	124819	113	..	7	..	152599	121
Statistical difference	-757	-988	-4502	-1	..	7	..	-6242	6
Transfers
Transformation	-12833	10411	-46494	*-8	..	14962	..	-33963	*-8
Electricity plants	-559	-40840	..	..	13403	..	-27996	..
CHP plants	-5654	..	..	1559	..	-4095	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-751	804	..	..	..	..	..	53	..
Oil refineries	-12082	10166	..	..	..	..	..	-1916	..
Other transformation	*-8	..	..	..	*-8	*-8
Energy industries own use	-168	-37994	..	..	-2027	..	-40189	..
Losses	-8021	..	..	-1732	..	-9752	..
Final consumption	26815	36813	*106	..	11203	..	74937	*106
Final energy consumption	26130	17644	*106	..	11203	..	55084	*106
Manufacturing, const., mining	5696	16910	..	..	482	..	23088	..
Iron and steel
Chemical and petrochemical	15	16910	..	..	..	..	16925	..
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	5681	0	..	..	482	..	6163	..
Transport	18599	..	..	..	..	..	18599	..
Road	18599	..	..	..	..	..	18599	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	1836	734	*106	..	10721	..	13397	*106
Agriculture, forestry, fishing
Commerce, public services	6109	..	6109	..
Households	804	734	*106	..	4612	..	6256	*106
Other consumers	1032	..	..	..	..	..	1032	..
Non-energy use	684	19169	..	..	..	..	19854	..

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	*-80	..	..	..	-891	*-80
Total energy supply	236382	2769	265356	-93105	112479	55957	170993	1372	4314	756516	80949
Statistical difference	-317	-70	42	324	1384	-37	0	148	-31	1444	24274
Transfers	..	..	35303	-34656	..	..	..	..	..	647	..
Transformation	-224362	419	-300616	289910	-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	..	..	-306700	299612	..	..	..	..	..	-7089	..
Other transformation	..	..	..	..	-8302	*-69	..	..	..	-8371	*-69
Energy industries own use	-7	-12	..	-17382	-1297	..	..	-20747	-8445	-47889	..
Losses	0	..	..	-43	-377	..	..	-12877	-6331	-19628	..
Final consumption	12329	3246	..	144400	66510	*51841	..	104033	35171	417529	*52522
Final energy consumption	11994	1194	..	137935	54453	*51841	..	104033	35171	396620	*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	0	..	..	262	1715	*20	..	3542	24	5564	*20
Mining and quarrying	0	..	..	248	733	*2	..	3899	..	4881	*2
Food and tobacco	28	0	..	485	3666	*1020	..	4385	360	9943	*1020
Paper, pulp and printing	41	..	..	0	1984	*6513	..	1570	17	*10124	*6513
Wood and wood products	0	..	..	..	69	*1632	..	720	0	*2421	*1632
Textile and leather	140	..	..	43	758	*73	..	1339	448	2801	*73
Construction	0	..	..	1026	582	*5	..	904	71	2588	*5
Industries n.e.s	0	0	..	47	551	192	..	2192	14	2996	192
Transport	..	..	..	121593	9115	6666	..	1274	..	138648	6666
Road	..	..	..	120196	3102	6666	..	198	..	130162	6666
Rail	..	..	..	559	..	0	..	986	..	1545	0
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	0	..	5040	610	741	..	803	332	7825	741
Commerce, public services	237	0	..	1661	3752	670	..	31241	8127	45688	2653
Households	5369	396	..	1183	2466	*31737	..	38639	13995	93784	*32141
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	336	2052	..	6465	12057	..	..	..	..	20909	..

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
2017											
Primary production	238401	..	1015	..	2774	55784	168582	20646	4276	491478	76962
Imports	22634	1767	291126	111111	114006	4117	..	13338	..	558099	4117
Exports	-152	..	..	-206690	-1121	*-4508	..	-33070	..	-245541	*-4508
International marine bunkers	..	..	..	-3421	..	..	..	..	..	-3421	..
International aviation bunkers	..	..	..	-10231	..	..	..	..	..	-10231	..
Stock changes	-4415	-1250	-4218	-321	-8	*881	..	..	..	-9331	*881
Total energy supply	256468	517	287923	-109552	115650	56274	168582	914	4276	781053	77452
Statistical difference	156	-70	0	394	1334	-228	0	169	523	2277	20418
Transfers	..	..	25241	-24484	..	..	..	..	..	757	..
Transformation	-242361	1602	-313164	302378	-44145	*-3577	-168582	141163	41788	-284898	*-3573
Electricity plants	-210422	-3964	..	-1644	-905	-632	-167886	127667	-532	-258319	-632
CHP plants	-15296	-9292	..	-5506	-23936	*-2666	-696	13496	32559	-11336	*-2666
Heat plants	-50	-189	..	-98	-10113	*-217	..	..	9761	-907	*-213
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-16592	15048	..	..	..	..	..	..	..	-1544	..
Liquefaction plants	..	..	6768	..	..	..	..	..	..	6768	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-319932	309626	..	..	..	..	..	-10306	..
Other transformation	..	..	..	..	-9191	*-62	..	..	..	-9253	*-62
Energy industries own use	-7	-13	..	-17771	-1428	*-31	..	-21730	-8454	-49434	*-31
Losses	-202	..	..	-90	-468	..	..	-12514	-7082	-20355	..
Final consumption	13743	2177	..	150086	68275	*52895	..	107665	30005	424846	*53430
Final energy consumption	13440	524	..	143582	56636	*52895	..	107665	30005	404747	*53430
Manufacturing, const., mining	7725	57	..	13458	38889	*11431	..	33854	8292	113707	*9535
Iron and steel	..	..	..	..	2120	*2	..	2833	..	4955	*2
Chemical and petrochemical	5240	0	..	7328	12896	*573	..	4154	6487	36679	*573
Non-ferrous metals	..	57	..	498	1643	..	..	3776	841	6815	..
Non-metallic minerals	2325	..	..	3762	11649	2814	..	3362	2	23913	918
Transport equipment	..	..	..	..	332	*1	..	428	0	762	*1
Machinery	0	..	..	310	1751	*16	..	3726	24	5827	*16
Mining and quarrying	25	..	..	207	915	*1	..	3974	..	5123	*1
Food and tobacco	25	0	..	402	3731	*393	..	4514	429	9494	*393
Paper, pulp and printing	35	..	..	0	1751	*5789	..	1580	16	*9171	*5789
Wood and wood products	0	..	..	..	152	*1601	..	817	0	*2570	*1601
Textile and leather	76	..	..	43	822	*74	..	1318	447	2779	*74
Construction	0	..	..	862	554	*4	..	900	36	2356	*4
Industries n.e.s	0	0	..	47	573	*163	..	2470	10	3263	*163
Transport	..	..	..	122621	10299	6766	..	1357	..	141043	6766
Road	..	..	..	121180	3141	6766	..	191	..	131278	6766
Rail	..	..	..	559	..	0	..	1094	..	1653	0
Domestic aviation	..	..	..	882	..	..	..	..	..	882	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	7158	..	..	72	..	7230	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	5715	467	..	7502	7448	*34698	..	72454	21713	149997	*37130
Agriculture, forestry, fishing	353	13	..	4954	634	*325	..	799	208	7285	*325
Commerce, public services	147	13	..	1465	3965	*2570	..	31558	6862	46579	*4585
Households	5215	442	..	1084	2849	*31803	..	40097	14643	96133	*32220
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	302	1653	..	6505	11639	..	..	..	..	20099	..

Burkina Faso

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	127372	..	502	127874	127874
Imports	..	40863	..	18	..	2267	43148	18
Exports	0	-354	..	-354	-354
International marine bunkers
International aviation bunkers	..	-988	..	..	..	..	-988	..
Stock changes	..	6181	..	..	..	..	6181	..
Total energy supply	..	46056	..	127390	-354	2769	175861	127538
Statistical Difference	..	0	..	0	0	0	0	502
Transfers
Transformation	..	*-7901	..	*-37837	20345	3001	*-22392	*-17492
Electricity plants	..	*-7901	..	*-36	..	3001	*-4936	*-36
Charcoal plants	*-37801	20345	..	*-17456	*-17456
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-211	-211	..
Losses	*-660	*-660	..
Final consumption	..	*38156	..	*89553	*19991	*4900	*152600	*109544
Final energy consumption	..	*38125	..	*89553	*19991	*4900	*152570	*109544
Manufacturing, const., mining	..	*10420	..	*633	..	*1862	*12915	*633
Transport	..	24042	..	..	..	..	24042	..
Road	..	24042	..	..	..	..	24042	..
Domestic aviation
Domestic navigation
Other transport
Other	..	3663	..	*88920	*19991	*3038	*115612	*108911
Agriculture, forestry, fishing	*57	*57	..
Commerce and public services	*2018	*2018	..
Households	..	3663	..	*88920	*19991	*963	*113537	*108911
Other consumers
Non-energy use	..	*30	..	..	..	..	*30	..
2017								
Primary production	128833	..	494	129328	129328
Imports	..	51077	..	18	..	2323	53419	18
Exports	0	-354	..	-354	-354
International marine bunkers
International aviation bunkers	..	-1193	..	..	..	..	-1193	..
Stock changes	..	*3929	..	..	..	..	*3929	..
Total energy supply	..	53813	..	128852	-354	2818	185128	128992
Statistical Difference	..	*-2	..	0	0	0	*-2	494
Transfers
Transformation	..	*-10699	..	*-38778	20852	3448	*-25176	*-17925
Electricity plants	..	*-10699	..	*-36	..	3448	*-7286	*-36
Charcoal plants	*-38742	20852	..	*-17889	*-17889
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-235	-235	..
Losses	*-805	*-805	..
Final consumption	..	*43116	..	*90074	*20498	*5227	*158915	*110572
Final energy consumption	..	*43085	..	*90074	*20498	*5227	*158884	*110572
Manufacturing, const., mining	..	*10783	..	*633	..	*1927	*13343	*633
Transport	..	28310	..	..	..	..	28310	..
Road	..	28310	..	..	..	..	28310	..
Domestic aviation
Domestic navigation
Other transport
Other	..	3992	..	*89441	*20498	*3299	*117230	*109939
Agriculture, forestry, fishing	*58	*58	..
Commerce and public services	*2052	*2052	..
Households	..	3992	..	*89441	*20498	*1190	*115120	*109939
Other consumers
Non-energy use	..	*31	..	..	..	..	*31	..

Burundi

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	140	..	..	55396	..	516	56052	55912
Imports	..	6256	..	..	..	*360	6616	..
Exports	..	..	..	-9	..	..	-9	-9
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-67	..	..	..	..	-67	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	140	6190	..	55387	..	876	62593	55903
Statistical Difference	0	0	..	0	0	*12	12	516
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-307	..	*-14596	7788	112	*-7003	*-6808
Electricity plants	..	*-307	..	*-126	..	112	*-321	*-126
Charcoal plants	..	..	..	*-14470	7788	..	*-6682	*-6682
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-54	-54	..
Losses	..	..	..	..	..	*-144	*-144	..
Final consumption	140	*5883	..	*40791	*7788	*778	*55380	*48579
Final energy consumption	140	*5209	..	*40791	*7788	*778	*54706	*48579
Manufacturing, const., mining	..	*48	..	*470	..	*311	*829	*470
Transport	..	*5139	..	..	..	..	*5139	..
Road	..	*5139	..	..	..	..	*5139	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	140	*21	..	*40322	*7788	*467	*48738	*48110
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	..	..	..
Households	140	*21	..	*40322	*7788	*387	*48658	*48110
Other consumers	..	..	..	..	..	*80	*80	..
Non-energy use	..	*674	..	..	..	..	*674	..
2017								
Primary production	204	..	..	55353	..	361	55918	55714
Imports	..	*7362	..	..	..	*360	*7722	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-189	..	..	..	..	-189	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	204	*7173	..	55353	..	721	63451	55714
Statistical Difference	0	0	..	0	0	0	0	361
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-921	..	*-14650	7788	302	*-7481	*-6862
Electricity plants	..	*-921	..	*-180	..	302	*-799	*-180
Charcoal plants	..	..	..	*-14470	7788	..	*-6682	*-6682
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	*-69	*-69	..
Losses	..	..	..	..	..	*-144	*-144	..
Final consumption	*204	*6252	..	*40703	*7788	*810	*55757	*48491
Final energy consumption	*204	*6000	..	*40703	*7788	*810	*55505	*48491
Manufacturing, const., mining	..	*48	..	*372	..	*327	*747	*372
Transport	..	*5939	..	..	..	..	*5939	..
Road	..	*5939	..	..	..	..	*5939	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	*204	*12	..	*40331	*7788	*483	*48818	*48119
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	..	..	..
Households	*204	*12	..	*40331	*7788	*400	*48734	*48119
Other consumers	..	..	..	..	..	84	84	..
Non-energy use	..	*253	..	..	..	..	*253	..

Cabo Verde

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	*1448	..	297	*1745	*1745
Imports	..	*12628	..	..	..	..	*12628	..
Exports
International marine bunkers	..	*-3106	..	..	..	..	*-3106	..
International aviation bunkers	..	*-1996	..	..	..	..	*-1996	..
Stock changes
Total energy supply	..	*7526	..	*1448	..	297	*9271	*1745
Statistical Difference	..	*5	..	*-4	0	0	*1	*293
Transfers
Transformation	..	-3319	..	*-35	*19	1301	-2034	*-16
Electricity plants	..	-3319	..	..	..	1301	-2018	..
Charcoal plants	*-35	*19	..	*-16	*-16
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-38	-38	..
Losses	*-424	*-424	..
Final consumption	..	*4203	..	*1418	*19	*1136	*6775	*1437
Final energy consumption	..	*4119	..	*1418	*19	*1136	*6692	*1437
Manufacturing, const., mining	..	0	..	..	..	*128	*129	..
Transport	..	*3508	..	..	..	..	*3508	..
Road	..	*2729	..	..	..	..	*2729	..
Domestic aviation	..	558	..	..	..	..	558	..
Domestic navigation	..	*221	..	..	..	..	*221	..
Other transport
Other	..	*611	..	*1418	*19	*1008	*3056	*1437
Agriculture, forestry, fishing
Commerce and public services	..	*251	..	..	*17	*177	*444	*17
Households	..	*361	..	*1418	*2	*360	*2141	*1420
Other consumers	*471	*471	..
Non-energy use	..	*83	..	..	..	..	*83	..
2017								
Primary production	*1413	..	298	*1711	*1711
Imports	..	*13540	..	..	..	..	*13540	..
Exports
International marine bunkers	..	*-3321	..	..	..	..	*-3321	..
International aviation bunkers	..	*-2134	..	..	..	..	*-2134	..
Stock changes
Total energy supply	..	*8084	..	*1413	..	298	*9796	*1711
Statistical Difference	..	0	..	*5	0	22	*27	*303
Transfers
Transformation	..	*-3633	..	*-34	*19	1472	*-2176	*-15
Electricity plants	..	*-3633	..	..	..	1472	*-2161	..
Charcoal plants	*-34	*19	..	*-15	*-15
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-42	-42	..
Losses	*-470	*-470	..
Final consumption	..	*4451	..	*1374	*19	*1236	*7081	*1393
Final energy consumption	..	*4371	..	*1374	*19	*1236	*7000	*1393
Manufacturing, const., mining	..	0	..	..	..	*131	*131	..
Transport	..	*3753	..	..	..	..	*3753	..
Road	..	*2921	..	..	..	..	*2921	..
Domestic aviation	..	*595	..	..	..	..	*595	..
Domestic navigation	..	*237	..	..	..	..	*237	..
Other transport
Other	..	*618	..	*1374	*19	*1106	*3117	*1393
Agriculture, forestry, fishing
Commerce and public services	..	*257	..	..	*17	*194	*468	*17
Households	..	*361	..	*1374	*2	*396	*2133	*1377
Other consumers	*516	*516	..
Non-energy use	..	*80	..	..	..	..	*80	..

Cambodia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	..	..	..	181910	..	9439	191349	191349
Imports	28419	96079	..	..	..	5699	130196	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-3793	..	..	..	..	-3793	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	28419	92286	..	181910	..	15138	317753	191349
Statistical Difference	0	47	..	0	0	7	55	9439
Transfers	..	-3	..	..	..	..	-3	..
Transformation	-27722	-4105	..	-52775	27229	10699	-46675	-25547
Electricity plants	-27722	-4105	..	-1118	..	10699	-22246	-1118
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	..	129135	27229	21791	266981	156363
Final energy consumption	696	87126	..	129135	27229	21791	265976	156363
Manufacturing, const., mining	696	7961	..	39633	..	5440	53729	39633
Transport	..	69903	..	..	..	..	69903	..
Road	..	58358	..	..	..	..	58358	..
Domestic aviation	..	838	..	..	..	..	838	..
Domestic navigation	..	2236	..	..	..	..	2236	..
Other transport	..	8471	..	..	..	..	8471	..
Other	..	9262	..	89502	27229	16351	142344	116730
Agriculture, forestry, fishing	..	1978	..	..	..	..	1978	..
Commerce and public services	..	5014	..	..	..	9544	14557	..
Households	..	2270	..	89502	27229	6779	125780	116730
Other consumers	..	..	..	..	..	29	29	..
Non-energy use	..	1005	..	..	..	..	1005	..
2017								
Primary production	1114	..	..	186915	..	9857	197885	196772
Imports	38859	99589	..	..	..	5328	143776	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-4763	..	..	..	..	-4763	..
Stock changes	2267	-309	..	..	..	..	1958	..
Total energy supply	42240	94517	..	186915	..	15185	338857	196772
Statistical Difference	0	0	..	0	0	0	0	9857
Transfers	..	29	..	..	..	..	29	..
Transformation	-40112	-3644	..	-53585	27642	15336	-54363	-25944
Electricity plants	-40112	-3644	..	-1132	..	15336	-29552	-1132
Charcoal plants	..	..	..	-52453	27642	..	-24812	-24812
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-1339	-1339	..
Losses	..	..	..	..	..	-4795	-4795	..
Final consumption	2128	90902	..	133330	27642	24386	278388	160972
Final energy consumption	2128	90339	..	133330	27642	24386	277825	160972
Manufacturing, const., mining	2128	6267	..	42448	..	5562	56405	42448
Transport	..	73847	..	..	..	..	73847	..
Road	..	62926	..	..	..	..	62926	..
Domestic aviation	..	1676	..	..	..	..	1676	..
Domestic navigation	..	1935	..	..	..	..	1935	..
Other transport	..	7310	..	..	..	..	7310	..
Other	..	10225	..	90882	27642	18824	147573	118524
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	5771	..	..	..	9122	14893	..
Households	..	2649	..	90882	27642	9702	130874	118524
Other consumers	..	1806	..	..	..	..	1806	..
Non-energy use	..	563	..	..	..	..	563	..

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	..	15138	..	498252	281945
Imports	57274	30029	..	..	..	788	..	88091	..
Exports	-178591	-16492	..	..	..	..	..	-195083	..
International marine bunkers	0	..	..	..	..	..	0	..
International aviation bunkers	-926	..	..	..	..	..	-926	..
Stock changes	424	..	..	..	..	..	424	..
Total energy supply	76352	13035	18639	266807	..	15926	..	390759	281945
Statistical difference	0	6580	204	1	..	0	..	6785	15139
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	..	..	..	-839	..	-2027	..
Losses	-2129	..	..	..	-5994	..	-8123	..
Final consumption	58085	..	*229128	..	22615	..	*309828	*229128
Final energy consumption	55472	..	*229128	..	22615	..	*307215	*229128
Manufacturing, const., mining	2999	..	..	..	12892	..	15891	..
Iron and steel	342	..	342	..
Chemical and petrochemical
Non-ferrous metals	5634	..	5634	..
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	43913	..	..	..	..	..	43913	..
Road	43825	..	..	..	..	..	43825	..
Rail
Domestic aviation	88	..	..	..	..	..	88	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	8560	..	*229128	..	9724	..	*247411	*229128
Agriculture, forestry, fishing	209	..	209	..
Commerce, public services	*40658	..	1717	..	*42375	*40658
Households	7071	..	*188465	..	4694	..	*200230	*188465
Other consumers	1489	..	6	..	3103	..	4598	6
Non-energy use	2613	..	..	..	..	..	2613	..

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
2017											
Primary production	162644	..	20710	273807	..	15138	..	472299	288945
Imports	47122	30913	..	..	..	166	..	78201	..
Exports	-146950	-15488	..	..	..	..	..	-162438	..
International marine bunkers	0	..	..	..	..	..	0	..
International aviation bunkers	-750	..	..	..	..	..	-750	..
Stock changes	424	..	..	..	..	..	424	..
Total energy supply	62816	15100	20710	273807	..	15304	..	387737	288945
Statistical difference	0	-2118	227	1	..	0	..	-1891	15139
Transfers
Transformation	-62815	42450	-20483	*-38636	..	14368	..	-65117	*-38636
Electricity plants	-13969	-20483	*-26	..	14368	..	-20111	*-26
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-62815	56419	..	..	..	..	..	-6397	..
Other transformation	*-38609	..	..	..	*-38609	*-38609
Energy industries own use	-990	..	..	..	-864	..	-1854	..
Losses	-1733	..	..	..	-6170	..	-7903	..
Final consumption	56946	..	*235171	..	22637	..	*314753	*235171
Final energy consumption	54252	..	*235171	..	22637	..	*312060	*235171
Manufacturing, const., mining	3082	..	..	..	12906	..	15988	..
Iron and steel	342	..	342	..
Chemical and petrochemical
Non-ferrous metals	5641	..	5641	..
Non-metallic minerals	161	..	..	..	544	..	704	..
Transport equipment
Machinery
Mining and quarrying	2286	..	2286	..
Food and tobacco	756	..	756	..
Paper, pulp and printing
Wood and wood products
Textile and leather	112	..	112	..
Construction
Industries n.e.s	2922	..	..	..	3226	..	6147	..
Transport	42523	..	..	..	..	..	42523	..
Road	42434	..	..	..	..	..	42434	..
Rail
Domestic aviation	88	..	..	..	..	..	88	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	8648	..	*235171	..	9731	..	*253549	*235171
Agriculture, forestry, fishing	209	..	209	..
Commerce, public services	*41724	..	1717	..	*43441	*41724
Households	7158	..	*193441	..	4698	..	*205297	*193441
Other consumers	1489	..	6	..	3107	..	4602	6
Non-energy use	2693	..	..	..	..	..	2693	..

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	..	9445565	..	6216709	546324	1092344	1515035	1760	20074757	2053330
Imports	164073	26880	2184416	555663	712295	40106	..	33487	..	3716921	40106
Exports	-758340	-1208	-7149326	-896293	-2879154	-51933	..	-264438	..	-12000692	-51933
International marine bunkers	..	..	..	-13682	..	..	..	..	..	-13682	..
International aviation bunkers	..	..	..	-26240	..	..	..	..	..	-26240	..
Stock changes	20889	-4723	28913	29297	-67683	..	..	..	..	6694	..
Total energy supply	683643	20950	4509568	-351255	3982167	534496	1092344	1284084	1760	11757758	2041502
Statistical difference	-27339	2883	301460	-630890	32111	-20	0	46642	1	-275152	1515015
Transfers	..	..	-386587	547569	..	..	..	..	..	160982	..
Transformation	-672335	47870	-3821521	3767090	-742400	*-132342	-1092344	884401	25892	-1735689	*-128513
Electricity plants	-600204	-283	..	-87615	-501675	*-121542	-1092344	840139	..	-1563524	*-120523
CHP plants	..	..	..	-1616	-111383	-2875	..	44262	21578	-50034	-2184
Heat plants	..	-34	..	..	..	-7925	..	..	4314	-3645	-5807
Coke ovens	-72131	80553	..	..	..	..	..	..	..	8422	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	131005	..	..	..	..	..	..	131005	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-32366	..	..	..	..	..	..	..	-32366	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-3952526	3856321	..	..	..	..	..	-96205	..
Other transformation	..	..	..	..	-129342	..	..	..	..	-129342	..
Energy industries own use	..	..	..	-708346	-1281045	-78	..	-180248	0	-2169717	-78
Losses	..	..	..	..	..	..	..	-233935	..	-233935	..
Final consumption	38647	65936	..	3885949	1926611	*402096	..	1707660	27651	8054550	*397896
Final energy consumption	37345	65003	..	3044437	1795860	*402096	..	1707660	27651	7080052	*397896
Manufacturing, const., mining	37026	65003	..	236659	594400	*204078	..	606344	23103	1766613	*198118
Iron and steel	7646	62010	..	..	74889	61	..	31741	57	176405	61
Chemical and petrochemical	..	..	..	..	159620	..	..	77022	10969	247611	..
Non-ferrous metals	6550	..	..	..	28918	..	..	179464	..	214932	..
Non-metallic minerals	12217	1922	..	19415	31508	5960	..	26431	..	97453	..
Transport equipment	..	..	..	..	9463	..	..	12931	..	22394	..
Machinery	..	..	..	..	15557	..	..	6484	..	22040	..
Mining and quarrying	..	1071	..	54915	28453	..	..	21776	..	106214	..
Food and tobacco	..	..	..	..	35132	..	..	21233	94	56458	..
Paper, pulp and printing	..	..	..	6171	73534	*198057	..	137038	2008	416807	*198057
Wood and wood products	..	..	..	22687	7817	..	..	14029	..	44534	..
Textile and leather	..	..	..	..	3523	..	..	2999	..	6521	..
Construction	..	..	..	84147	16664	..	..	..	33	100844	..
Industries n.e.s	10612	0	..	49325	109324	0	..	75197	9942	254399	0
Transport	..	..	..	2355007	153775	71693	..	24876	..	2605351	71693
Road	..	..	..	1994145	1640	71693	..	3002	..	2070481	71693
Rail	..	..	..	80582	..	..	..	..	..	80582	..
Domestic aviation	..	..	..	217068	..	..	..	..	..	217068	..
Domestic navigation	..	..	..	57231	..	..	..	..	..	57231	..
Pipeline transport	..	..	..	610	150131	..	..	21874	..	172614	..
Transport, n.e.s	..	..	..	5371	2004	..	..	..	..	7376	..
Other	319	..	..	452771	1047686	*126325	..	1076440	4548	2708088	*128085
Agriculture, forestry, fishing	..	..	..	212903	37164	7	..	36086	1	286162	7
Commerce, public services	..	..	..	162300	459172	638	..	416477	1954	1040541	638
Households	319	..	..	77568	551350	*125680	..	590998	..	1345914	*125680
Other consumers	..	..	..	..	..	..	..	32879	2593	35472	1760
Non-energy use	1301	934	..	841512	130751	..	..	..	..	974498	..

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
2017											
Primary production	1278159	..	10433855	..	6423850	567617	1092010	1529647	1797	21326935	2089351
Imports	194335	23201	1909420	480236	840739	55115	..	35640	..	3538685	55115
Exports	-776721	-1181	-7562113	-1008254	-2974513	-49683	..	-259560	..	-12632024	-49683
International marine bunkers	..	..	..	-15780	..	..	..	..	..	-15780	..
International aviation bunkers	..	..	..	-26372	..	..	..	..	..	-26372	..
Stock changes	-15667	6617	-13338	-13510	-67109	..	..	..	..	-103007	..
Total energy supply	680106	28638	4767824	-583680	4222967	573048	1092010	1305727	1797	12088437	2094782
Statistical difference	-6789	7715	348051	-518008	198677	-474	0	-129132	0	-99961	1529429
Transfers	..	..	-437172	592442	..	..	..	..	..	155269	..
Transformation	-644170	49329	-3982601	3931285	-693587	*-80236	-1092010	840190	23677	-1648123	*-76407
Electricity plants	-570862	-283	..	-79620	-470085	*-69436	-1092010	798656	..	-1483640	*-68417
CHP plants	..	..	..	-81	-104370	-2875	..	41533	19363	-46430	-2184
Heat plants	..	-36	..	..	..	-7925	..	..	4314	-3647	-5807
Coke ovens	-73307	82545	..	..	..	..	..	..	..	9238	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	120664	..	..	..	..	..	..	120664	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-32897	..	..	..	..	..	..	..	-32897	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-4103265	4010986	..	..	..	..	..	-92279	..
Other transformation	..	..	..	..	-119131	..	..	..	..	-119131	..
Energy industries own use	..	..	..	-690477	-1338008	-78	..	-174859	0	-2203423	-78
Losses	..	..	..	..	..	..	..	-268794	..	-268794	..
Final consumption	42726	70251	..	3767577	1992695	*493209	..	1831396	25474	8223327	*488869
Final energy consumption	40962	68302	..	3039784	1864092	*493209	..	1831396	25474	7363217	*488869
Manufacturing, const., mining	40578	68302	..	246655	614735	*276192	..	644713	21412	1912587	*270055
Iron and steel	7652	66380	..	..	84184	61	..	31925	57	190259	61
Chemical and petrochemical	..	..	..	..	156999	..	..	66895	11041	234935	..
Non-ferrous metals	9208	..	..	..	32507	..	..	210244	..	251959	..
Non-metallic minerals	13215	906	..	21623	32546	6137	..	28220	..	102647	..
Transport equipment	..	..	..	..	9947	..	..	13064	..	23011	..
Machinery	..	..	..	..	14009	..	..	6484	..	20493	..
Mining and quarrying	..	1016	..	53942	32617	..	..	34042	..	121616	..
Food and tobacco	..	..	..	..	36494	..	..	20970	94	57558	..
Paper, pulp and printing	..	..	..	7218	74666	*269994	..	139219	2244	*493341	*269994
Wood and wood products	..	..	..	23380	8458	..	..	14202	..	46041	..
Textile and leather	..	..	..	..	3857	..	..	2970	..	6827	..
Construction	..	..	..	90071	16845	..	..	..	33	106949	..
Industries n.e.s	10502	0	..	50421	111605	0	..	76478	7943	256950	0
Transport	..	..	..	2340333	143046	90692	..	28274	..	2602345	90692
Road	..	..	..	1971329	1903	90692	..	4356	..	2068279	90692
Rail	..	..	..	80883	..	..	..	..	..	80883	..
Domestic aviation	..	..	..	224742	..	..	..	..	..	224742	..
Domestic navigation	..	..	..	57658	..	..	..	..	..	57658	..
Pipeline transport	..	..	..	477	138921	..	..	23918	..	163317	..
Transport, n.e.s	..	..	..	5244	2222	..	..	..	..	7466	..
Other	384	..	..	452796	1106311	*126325	..	1158408	4062	2848286	*128122
Agriculture, forestry, fishing	..	..	..	216847	34912	7	..	34787	0	286552	7
Commerce, public services	..	..	..	165998	478144	638	..	429667	1444	1075891	638
Households	384	..	..	69952	593255	*125680	..	604058	..	1393329	*125680
Other consumers	..	..	..	..	..	..	..	89896	2618	92514	1797
Non-energy use	1764	1949	..	727794	128603	..	..	..	..	860110	..

Cayman Islands

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production
Imports	..	9410	..	0	0	..	9411	0
Exports
International marine bunkers
International aviation bunkers	..	-1566	..	..	..	..	-1566	..
Stock changes
Total energy supply	..	7845	..	0	0	..	7845	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	..	2599	..	0	0	2257	4856	0
Final energy consumption	..	2518	..	0	0	2257	4776	0
Manufacturing, const., mining	1120	1120	..
Transport	..	2282	..	..	..	..	2282	..
Road	..	2198	..	..	..	..	2198	..
Domestic aviation	..	84	..	..	..	..	84	..
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	..
2017								
Primary production
Imports	..	9999	..	0	0	..	10000	0
Exports
International marine bunkers
International aviation bunkers	..	-1676	..	..	..	..	-1676	..
Stock changes
Total energy supply	..	8323	..	0	0	..	8324	0
Statistical Difference	..	-43	..	0	0	0	-43	0
Transfers
Transformation	..	-5547	..	..	..	2416	-3131	..
Electricity plants	..	-5547	..	..	..	2416	-3131	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	-104	-104	..
Final consumption	..	2819	..	0	0	2311	5131	0
Final energy consumption	..	2699	..	0	0	2311	5010	0
Manufacturing, const., mining	1123	1123	..
Transport	..	2462	..	..	..	..	2462	..
Road	..	2374	..	..	..	..	2374	..
Domestic aviation	..	88	..	..	..	..	88	..
Domestic navigation
Other transport
Other	..	237	..	0	0	1188	1425	0
Agriculture, forestry, fishing
Commerce and public services	25	25	..
Households	..	237	..	..	..	1163	1399	..
Other consumers	0	0	..	0	0
Non-energy use	..	121	..	..	..	..	121	..

Central African Rep.

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	18270	..	536	18806	18806
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	536	23050	18807
Statistical Difference	..	0	..	0	0	0	0	536
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	-24	-24	..
Losses	*-36	*-36	..
Final consumption	..	*4222	..	*6550	*6308	*480	*17560	*12858
Final energy consumption	..	*4181	..	*6550	*6308	*480	*17520	*12858
Manufacturing, const., mining	..	*250	..	..	..	*191	*441	..
Transport	..	*2489	..	..	..	..	*2489	..
Road	..	*2489	..	..	..	..	*2489	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*1442	..	*6550	*6308	*289	*14590	*12858
Agriculture, forestry, fishing
Commerce and public services	*18	*18	..
Households	..	*767	..	*6550	..	*238	*7554	*6550
Other consumers	..	*676	..	..	*6308	*34	*7018	*6308
Non-energy use	..	*40	..	..	..	..	*40	..
2017								
Primary production	18270	..	547	18817	18817
Imports	..	*5817	..	..	1	..	*5818	1
Exports	0	..	0	0
International marine bunkers
International aviation bunkers	..	*-1526	..	..	..	..	*-1526	..
Stock changes
Total energy supply	..	*4291	..	18270	1	547	23109	18818
Statistical Difference	..	0	..	0	0	0	0	547
Transfers
Transformation	..	*-22	..	*-11903	6408	4	*-5513	*-5495
Electricity plants	..	*-22	..	..	..	4	*-18	..
Charcoal plants	*-11903	6408	..	*-5495	*-5495
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-27	-27	..
Losses	*-36	*-36	..
Final consumption	..	*4270	..	*6367	*6409	*487	*17533	*12776
Final energy consumption	..	*4229	..	*6367	*6409	*487	*17493	*12776
Manufacturing, const., mining	..	*250	..	..	..	*194	*445	..
Transport	..	*2515	..	..	..	..	*2515	..
Road	..	*2515	..	..	..	..	*2515	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*1464	..	*6367	*6409	*293	*14533	*12776
Agriculture, forestry, fishing
Commerce and public services	*18	*18	..
Households	..	*767	..	*6367	..	*241	*7375	*6367
Other consumers	..	*698	..	..	*6409	*34	*7140	*6409
Non-energy use	..	*40	..	..	..	..	*40	..

Chad

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	..
2017								
Primary production	..	245340	..	72834	..	..	318174	72834
Imports	..	*120	..	..	..	..	*120	..
Exports	..	-232033	..	..	..	..	-232033	..
International marine bunkers
International aviation bunkers	..	*-781	..	..	..	..	*-781	..
Stock changes
Total energy supply	..	12646	..	72834	..	..	85480	72834
Statistical Difference	..	-5	..	0	0	0	-5	0
Transfers
Transformation	..	*-2948	..	*-26254	14131	*828	*-14244	*-12123
Electricity plants	..	*-2537	..	..	..	*828	*-1709	..
Charcoal plants	*-26254	14131	..	*-12123	*-12123
Other transformation	..	*-411	..	0	..	..	*-411	0
Energy industries own use	*-43	*-43	..
Losses
Final consumption	..	*9702	..	*46580	*14131	*785	*71197	*60711
Final energy consumption	..	*9617	..	*46580	*14131	*785	*71113	*60711
Manufacturing, const., mining	*914	..	*281	*1195	*914
Transport	..	*2125	..	..	..	..	*2125	..
Road	..	*1816	..	..	..	..	*1816	..
Domestic aviation	..	*309	..	..	..	..	*309	..
Domestic navigation
Other transport
Other	..	*7492	..	*45666	*14131	*504	*67793	*59796
Agriculture, forestry, fishing
Commerce and public services	*36	*36	..
Households	..	*1128	..	*45666	*14131	*396	*61321	*59796
Other consumers	..	*6364	..	..	..	*72	*6436	..
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
2016											
Primary production	42440	..	10743	..	42401	325843	..	102103	1739	525270	429685
Imports	277356	0	360371	351891	153068	30	..	0	..	1142716	30
Exports	-14623	-4174	..	-18659	-12676	..	..	-7	..	-50139	..
International marine bunkers	..	..	..	-5454	..	..	..	..	..	-5454	..
International aviation bunkers	..	..	..	-24167	..	..	..	..	..	-24167	..
Stock changes	-4723	2059	1890	-3788	-750	*-467	..	..	..	-5779	*-467
Total energy supply	300451	-2116	373005	299823	182044	325406	..	102096	1739	1582447	429248
Statistical difference	10996	-389	-1291	-5807	13504	*-9464	..	9896	0	17445	92639
Transfers	..	..	49546	-47477	..	..	..	..	..	2068	..
Transformation	-281771	11695	-423841	371432	-89387	*-178179	..	183406	0	-406646	*-178179
Electricity plants	-270099	..	..	-31910	-89355	..	..	161960	0	-229404	..
CHP plants	..	..	..	..	..	*-175508	..	21445	..	*-154063	*-175508
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-11672	15760	..	..	0	..	..	..	..	4088	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	-113	..	..	..	..	-113	..
Blast furnaces	..	-4279	..	..	..	..	..	..	..	-4279	..
NGL plants & gas blending	..	213	..	-95	81	0	..	..	..	199	0
Oil refineries	..	..	-423841	403437	..	..	..	..	..	-20404	..
Other transformation	..	0	..	0	..	*-2671	..	..	..	*-2671	*-2671
Energy industries own use	..	-6237	..	-13938	-6090	..	..	-12647	0	-38913	..
Losses	0	-530	..	..	-2315	-687	..	-10343	..	-13875	-687
Final consumption	7683	3201	..	615647	70748	*156004	..	252616	1739	1107638	*157743
Final energy consumption	7683	3201	..	602863	59920	*156004	..	252616	1739	1084027	*157743
Manufacturing, const., mining	7638	3015	..	162048	34259	*81259	..	157000	..	445220	*81259
Iron and steel	..	2627	..	348	189	..	..	2124	..	5289	..
Chemical and petrochemical	0	..	..	..	5174	..	..	155	..	5329	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	249	..	..	10189	414	*435	..	1148	..	12435	*435
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	2538	146	..	94407	7165	0	..	87430	..	191686	0
Food and tobacco	2606	172	..	0	39	*8	..	..	..	2825	*8
Paper, pulp and printing	295	..	..	8147	6570	*62664	..	19915	..	*97591	*62664
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	1949	70	..	48957	14709	*18152	..	46228	..	130065	*18152
Transport	..	..	..	362221	1025	..	..	3550	..	366795	..
Road	..	..	..	326883	1025	..	..	1678	..	329586	..
Rail	..	..	..	1849	..	..	..	1710	..	3559	..
Domestic aviation	..	..	..	19755	..	..	..	..	..	19755	..
Domestic navigation	..	..	..	13734	..	..	..	..	..	13734	..
Pipeline transport	..	..	..	..	..	..	..	0	..	0	..
Transport, n.e.s	..	..	..	..	0	..	..	162	..	162	..
Other	45	186	..	78595	24636	*74745	..	92066	1739	272011	*76484
Agriculture, forestry, fishing	45	..	..	10854	3	0	..	306	..	11208	0
Commerce, public services	0	114	..	25888	5307	*1039	..	42800	..	75149	*1039
Households	..	72	..	41853	19326	*73284	..	48960	..	183494	*73284
Other consumers	..	..	..	..	..	*422	..	..	1739	2161	2161
Non-energy use	..	..	..	12784	10828	..	..	..	..	23612	..

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
2017											
Primary production	41109	..	12499	..	43139	338531	..	103500	4386	543163	446417
Imports	279996	0	373093	340779	146736	..	..	7	..	1140611	..
Exports	-15494	-1487	..	-21003	-7412	..	..	-140	..	-45536	..
International marine bunkers	..	..	..	-5737	..	..	..	..	..	-5737	..
International aviation bunkers	..	..	..	-25534	..	..	..	..	..	-25534	..
Stock changes	2221	86	-574	-6112	-549	*474	..	..	..	-4455	*474
Total energy supply	307831	-1401	385018	282394	181913	339005	..	103367	4386	1602513	446891
Statistical difference	8581	-381	-503	-6962	5074	*-5509	..	8248	0	8548	98222
Transfers	..	..	36286	-35057	..	..	..	..	..	1229	..
Transformation	-291761	10340	-421807	391395	-96319	*-198901	..	182398	-2304	-426959	*-200974
Electricity plants	-280905	..	..	-21589	-95252	..	..	160574	-2304	-239475	-2074
CHP plants	..	..	..	..	..	*-193866	..	21823	..	*-172043	*-193866
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-10856	14483	..	..	0	..	..	..	..	3627	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	1656	..	..	..	..	..	..	1656	..
Gas works	..	..	..	..	-72	..	..	..	..	-72	..
Blast furnaces	..	-4222	..	..	..	..	..	..	..	-4222	..
NGL plants & gas blending	..	79	..	0	0	0	..	..	..	79	0
Oil refineries	..	..	-423463	412984	..	..	..	..	..	-10479	..
Other transformation	..	0	..	0	-995	*-5035	..	..	..	*-6030	*-5035
Energy industries own use	..	-5888	..	-12730	-6071	..	..	-11210	..	-35899	..
Losses	0	-459	..	..	-3548	-572	..	-15030	..	-19609	-572
Final consumption	7489	2973	..	632964	70901	*145041	..	251276	2082	1112727	*147123
Final energy consumption	7489	2973	..	618653	61961	*145041	..	251276	2082	1089476	*147123
Manufacturing, const., mining	7421	2914	..	150430	33516	*69061	..	149789	..	413130	*69061
Iron and steel	..	2514	..	348	223	..	..	2203	..	5288	..
Chemical and petrochemical	0	..	..	..	3092	..	..	749	..	3840	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	160	..	..	9154	417	0	..	1742	..	11474	0
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	2794	200	..	90392	7364	*93	..	91876	..	192718	*93
Food and tobacco	3000	172	..	43	42	*8	..	..	..	3265	*8
Paper, pulp and printing	23	..	..	8810	6720	*51282	..	19674	..	*86509	*51282
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	7695	1723	..	..	292	..	9709	..
Industries n.e.s	1443	29	..	33988	13936	*17679	..	33253	..	100327	*17679
Transport	..	..	..	375871	691	..	..	3467	..	380029	..
Road	..	..	..	336920	691	..	..	1750	..	339361	..
Rail	..	..	..	1763	..	..	..	1645	..	3408	..
Domestic aviation	..	..	..	21291	..	..	..	..	..	21291	..
Domestic navigation	..	..	..	15897	..	..	..	..	..	15897	..
Pipeline transport	..	..	..	..	..	..	..	0	..	0	..
Transport, n.e.s	..	..	..	..	0	..	..	72	..	72	..
Other	69	59	..	92352	27754	*75980	..	98021	2082	296317	*78062
Agriculture, forestry, fishing	69	..	..	18373	941	*233	..	6595	..	26212	*233
Commerce, public services	0	0	..	29577	6767	888	..	46163	..	83395	888
Households	..	59	..	44401	20046	*74651	..	45263	..	184419	*74651
Other consumers	..	..	..	..	..	209	..	..	2082	2291	2291
Non-energy use	..	..	..	14311	8940	..	..	..	..	23251	..

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	70787086	..	8360819	..	4979645	3999891	2303500	5371312	..	95802253	9157906
Imports	4718273	14	15952759	2298728	2502317	5905	..	22266	..	25500261	5905
Exports	-182430	-288088	-123123	-2258063	-113311	-2021	..	-68065	..	-3035101	-2021
International marine bunkers	..	..	..	-391460	..	..	..	..	..	-391460	..
International aviation bunkers	..	..	..	-368808	..	..	..	..	..	-368808	..
Stock changes	2647840	435301	-729723	21316	..	..	..	..	..	2374734	..
Total energy supply	77970769	147227	23460732	-698288	7368651	4003775	2303500	5325512	..	119881878	9161790
Statistical difference	-1229441	338	2669	56121	8198	19118	0	199	1577	-1141220	5389937
Transfers	..	..	2757508	0	..	..	..	..	..	2757508	..
Transformation	-56123869	7070664	-25934818	22870492	-1851999	-691714	-2303500	16753879	4313195	-35897670	-478910
Electricity plants	-37620001	-1109694	-5472	-103633	*-1482321	-521034	-2303500	16753879	-653826	-27045602	-356699
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	-5473601	-368183	0	-209316	..	-128562	..	..	4967022	-1212642	-80094
Coke ovens	-12490616	14285390	..	..	..	..	..	..	..	1794774	..
Briquetting plants	-62428	..	..	..	..	..	..	..	..	-62428	..
Liquefaction plants	-227641	..	143200	..	-347479	..	..	..	..	-431919	..
Gas works	-249583	534330	..	-2266	0	..	..	..	..	282481	..
Blast furnaces	..	-6271178	..	..	..	..	..	..	..	-6271178	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-26072547	27163217	-22199	..	..	..	..	1068471	..
Other transformation	..	..	..	-3977510	..	*-42118	..	..	..	-4019628	*-42118
Energy industries own use	-4241113	-242654	-134141	-1843523	-814747	-8002	..	-2610557	-496246	-10390983	-8002
Losses	..	..	-16911	-577	-81103	..	..	-1102655	-46315	-1247561	..
Final consumption	18835228	6974899	129701	20271983	4612603	*3284941	..	18365980	3769057	76244392	*3284941
Final energy consumption	17031710	6207867	118404	15637066	4186931	*3284941	..	18365980	3769057	68601956	*3284941
Manufacturing, const., mining	12793279	6114375	118404	1781636	1759119	*502652	..	12072252	2532129	37673846	*502652
Iron and steel	2178759	4840961	8	81797	175801	26081	..	2014853	205228	9523488	26081
Chemical and petrochemical	1664172	319919	117579	308508	453634	27936	..	1754866	1119485	5766099	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	8950348	953495	25	79002	1129685	*18774	..	8302532	1207416	20641277	*18774
Transport	83174	914	..	8246419	808947	327152	..	450536	26410	9943552	327152
Road	..	..	..	5672944	731620	327152	..	103676	..	6835393	327152
Rail	64819	6	..	137613	..	..	..	250612	..	453049	..
Domestic aviation	..	..	..	948896	..	..	..	..	..	948896	..
Domestic navigation	2847	0	..	889382	0	..	..	..	..	892229	..
Pipeline transport	..	..	..	3598	14401	..	..	10157	..	28156	..
Transport, n.e.s	15508	908	..	593985	62926	..	..	86090	26410	785829	..
Other	4155257	92578	..	5609012	1618864	*2455137	..	5843192	1210518	20984558	*2455137
Agriculture, forestry, fishing	572153	15129	..	747238	3659	152980	..	393088	1280	1885527	152980
Commerce, public services	..	..	..	..	..	30350	..	..	..	30350	30350
Households	1954779	58616	..	3052412	1273443	707009	..	3031416	986226	11063901	707009
Other consumers	1628326	18833	..	1809361	341762	*1564798	..	2418689	223011	8004780	*1564798
Non-energy use	1803518	767032	11297	4634917	425673	..	..	..	..	7642436	..

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
2017											
Primary production	73173808	..	8018360	..	5441938	4211159	2679156	5693702	..	99218124	9652497
Imports	4958618	276	17562887	2590559	3173859	6320	..	23122	..	28315641	6320
Exports	-167963	-229995	-203518	-2413481	-118509	-1802	..	-70090	..	-3205358	-1802
International marine bunkers	..	..	..	-412044	..	..	..	..	..	-412044	..
International aviation bunkers	..	..	..	-409473	..	..	..	..	..	-409473	..
Stock changes	717107	392317	-712544	-306227	..	..	..	..	..	90654	..
Total energy supply	78681569	162598	24665186	-950665	8497288	4215677	2679156	5646735	..	123597543	9657015
Statistical difference	-742707	58483	2848	20079	-10193	-1108	0	-2	15	-672585	5692284
Transfers	..	..	3208694	0	..	..	..	..	..	3208694	..
Transformation	-57944192	6839323	-27699079	24187189	-2061660	-814652	-2679156	17688812	4587405	-37896010	-562598
Electricity plants	-39127978	-1202048	-5943	-103264	*-1601574	-624576	-2679156	17688812	-712676	-28368403	-412563
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	-5967883	-350985	0	-215819	..	-134717	..	..	5300081	-1369323	-94676
Coke ovens	-12130205	13774212	..	..	..	..	..	..	..	1644006	..
Briquetting plants	-56827	..	..	..	..	..	..	..	..	-56827	..
Liquefaction plants	-322927	..	253598	..	-402915	..	..	..	..	-472244	..
Gas works	-338372	620939	..	-2247	..	..	..	..	..	280320	..
Blast furnaces	..	-5999132	..	..	..	..	..	..	..	-5999132	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-27946733	29037900	-57170	..	..	..	..	1033996	..
Other transformation	..	..	..	-4529381	..	*-55360	..	..	..	-4584741	*-55360
Energy industries own use	-4039882	-228855	-124823	-1913104	-842054	-6050	..	-2721987	-531102	-10407857	-6050
Losses	..	..	-19273	-473	-95719	..	..	-1150497	-48175	-1314137	..
Final consumption	17440202	6714583	27857	21302868	5508048	*3396083	..	19463065	4008113	77860818	*3396083
Final energy consumption	15461940	6260566	27857	16452503	5149614	*3396083	..	19463065	4008113	70219740	*3396083
Manufacturing, const., mining	11444602	6181249	27857	1946204	2463417	526578	..	12597179	2677710	37864796	526578
Iron and steel	2109520	5039491	4	75502	198184	30121	..	2028815	211729	9693366	30121
Chemical and petrochemical	1216582	331442	27479	470296	768601	32822	..	1844014	1194973	5886209	32822
Non-ferrous metals	..	..	0	106407	..	3606	..	..	..	110013	3606
Non-metallic minerals	..	..	176	353576	..	11075	..	..	..	364826	11075
Transport equipment	..	..	25	49383	..	1409	..	..	..	50817	1409
Machinery	..	..	59	89470	..	5222	..	..	..	94751	5222
Mining and quarrying	..	..	67	86820	..	1106	..	..	..	87993	1106
Food and tobacco	..	..	13	44410	..	*326327	..	..	..	*370749	*326327
Paper, pulp and printing	..	..	17	16809	..	26908	..	..	..	43734	26908
Wood and wood products	..	..	0	10832	..	39424	..	..	..	50257	39424
Textile and leather	..	..	8	32464	..	20828	..	..	..	53301	20828
Construction	..	..	..	528870	..	9408	..	..	..	538278	9408
Industries n.e.s	8118500	810316	8	81366	1496631	18323	..	8724351	1271009	20520504	18323
Transport	72627	1710	..	8636817	902382	375357	..	510474	30644	10530011	375357
Road	..	..	..	5703816	817488	375357	..	117014	..	7013675	375357
Rail	56316	2	..	135402	..	..	..	284100	..	475821	..
Domestic aviation	..	..	..	1067744	..	..	..	..	..	1067744	..
Domestic navigation	3111	..	..	1032689	..	..	..	..	..	1035801	..
Pipeline transport	..	..	..	4049	16238	..	..	12652	..	32938	..
Transport, n.e.s	13199	1708	..	693117	68657	..	..	96707	30644	904031	..
Other	3944711	77607	..	5869482	1783815	*2494147	..	6355412	1299758	21824933	*2494147
Agriculture, forestry, fishing	583533	10947	..	771407	3809	170354	..	423043	1333	1964427	170354
Commerce, public services	..	..	..	..	..	..	..	..	..	..	..
Households	1911365	45093	..	3286207	1409426	754273	..	3265764	1063300	11735428	754273
Other consumers	1449813	21567	..	1811868	370580	*1569520	..	2666604	235126	8125079	*1569520
Non-energy use	1978262	454017	0	4850365	358434	..	..	..	..	7641078	..

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	..	..	83	0	30	..	0	..	112	30
Transfers
Transformation	-280313	..	..	-17711	-88136	..	..	137354	..	-248806	..
Electricity plants	-280313	..	..	-3827	-95917	..	..	137354	..	-242702	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works	-13884	-18152	..	..	..	..	-32036	..
Blast furnaces
NGL plants & gas blending	25933	..	..	..	..	25933	..
Oil refineries
Other transformation
Energy industries own use	0	..	0	..
Losses	-16351	..	-16351	..
Final consumption	*140424	25933	89	..	158501	..	324946	89
Final energy consumption	*139821	25933	89	..	158501	..	324343	89
Manufacturing, const., mining	*16985	1329	..	..	11254	..	*29568	..
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	*16985	1329	..	..	11254	..	*29568	..
Transport	*87520	..	..	..	..	..	*87520	..
Road	*87092	..	..	..	..	..	*87092	..
Rail
Domestic aviation	428	..	..	..	..	..	428	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	*35316	24603	89	..	147247	..	207255	89
Agriculture, forestry, fishing
Commerce, public services	10710	..	..	104126	..	114836	..
Households	*27133	13893	89	..	43121	..	84236	89
Other consumers	*8183	..	..	..	..	..	*8183	..
Non-energy use	603	..	..	..	..	..	603	..

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
2017											
Primary production
Imports	276964	..	..	907844	113748	118	..	45274	..	1343948	118
Exports	-12170	..	..	..	-4828	..	-16997	..
International marine bunkers	-450285	..	..	..	..	..	-450285	..
International aviation bunkers	-291951	..	..	..	..	..	-291951	..
Stock changes	-14372	..	..	16651	..	..	..	..	..	2279	..
Total energy supply	262592	..	..	170089	113748	118	..	40446	..	586994	118
Statistical difference	0	..	..	-75	0	30	..	0	..	-45	30
Transfers
Transformation	-262592	..	..	-16895	-87604	..	..	133092	..	-234000	..
Electricity plants	-262592	..	..	-4257	-96079	..	..	133092	..	-229836	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works	-12638	-17670	..	..	..	..	-30308	..
Blast furnaces
NGL plants & gas blending	26144	..	..	..	..	26144	..
Oil refineries
Other transformation
Energy industries own use	0	..	0	..
Losses	-15743	..	-15743	..
Final consumption	*153269	26144	89	..	157795	..	337296	89
Final energy consumption	*151620	26144	89	..	157795	..	335648	89
Manufacturing, const., mining	*19264	1412	..	..	11196	..	*31872	..
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	*19264	1412	..	..	11196	..	*31872	..
Transport	*96335	..	..	..	..	..	*96335	..
Road	*95872	..	..	..	..	..	*95872	..
Rail
Domestic aviation	463	..	..	..	..	..	463	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	*36021	24732	89	..	146599	..	207441	89
Agriculture, forestry, fishing
Commerce, public services	10945	..	..	104472	..	115417	..
Households	*28595	13787	89	..	42127	..	84598	89
Other consumers	*7426	..	..	..	..	..	*7426	..
Non-energy use	1648	..	..	..	..	..	1648	..

China, Macao SAR

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	*5292	..	..	*5292	*2646
Imports	0	27581	333	..	30	15502	43445	30
Exports
International marine bunkers	..	-3139	..	..	..	..	-3139	..
International aviation bunkers
Stock changes	..	-96	1	..	..	..	-96	..
Total energy supply	0	24346	334	*5292	30	15502	45503	*2676
Statistical Difference	0	-363	-19	0	0	0	-382	0
Transfers
Transformation	..	-6186	0	*-5292	..	3557	-7922	*-2646
Electricity plants	..	-6186	0	*-5292	..	3557	-7922	*-2646
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	..	88	212	..	..	13766	14066	..
Households	..	662	29	..	..	3722	4413	..
Other consumers	..	*8421	..	..	*30	..	*8451	*30
Non-energy use	..	2156	..	..	..	..	2156	..
2017								
Primary production	*5616	..	..	*5616	*2808
Imports	..	25613	6162	..	30	14227	46032	30
Exports
International marine bunkers	..	-2838	..	..	..	..	-2838	..
International aviation bunkers
Stock changes	..	-540	-2	..	..	..	-541	..
Total energy supply	..	22236	6161	*5616	30	14227	48269	*2838
Statistical Difference	..	-62	-100	0	0	4	-159	0
Transfers
Transformation	..	-4770	-5710	*-5616	..	5274	-10821	*-2808
Electricity plants	..	-4770	-5710	*-5616	..	5274	-10821	*-2808
Charcoal plants
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-245	-245	..
Losses	-500	-500	..
Final consumption	..	17529	551	..	*30	18752	36861	*30
Final energy consumption	..	15298	551	..	*30	18752	34631	*30
Manufacturing, const., mining	..	1462	61	..	..	734	2258	..
Transport	..	5690	104	..	..	..	5794	..
Road	..	5690	104	..	..	..	5794	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*8146	386	..	*30	18018	26580	*30
Agriculture, forestry, fishing
Commerce and public services	..	88	353	..	..	14008	14448	..
Households	..	662	33	..	..	4010	4706	..
Other consumers	..	*7396	..	..	*30	..	*7426	*30
Non-energy use	..	2230	..	..	..	..	2230	..

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	225876	..	169121	..	5207775	394996
Imports	..	..	..	209368	454	..	..	1361	..	211182	..
Exports	-2267607	-35632	-1371366	-133177	0	0	..	-162	..	-3807944	0
International marine bunkers	..	..	..	-13583	..	..	..	..	..	-13583	..
International aviation bunkers	..	..	..	*-47328	..	..	..	..	..	*-47328	..
Stock changes	54945	0	188303	*-23513	..	-266	..	..	..	219469	-266
Total energy supply	250532	-35632	766428	-8233	400548	225610	..	170320	..	1769571	394730
Statistical difference	17635	3155	-22043	21385	-34986	20251	..	3488	..	8886	189372
Transfers	..	..	..	36354	..	..	..	..	..	36354	..
Transformation	-126654	46972	-779038	578789	-125028	-16191	..	99378	..	-321771	-16191
Electricity plants	-65504	-384	-10702	-37554	-87535	-14781	..	97189	..	-119270	-14781
CHP plants	0	..	..	..	*-37493	..	..	2189	..	*-35304	..
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	..	..	-756016	604023	..	..	..	..	..	-151993	..
Other transformation	..	..	..	..	..	*-1410	..	..	..	*-1410	*-1410
Energy industries own use	..	-923	-9137	-27423	-155624	..	..	-24473	..	-217580	..
Losses	0	*-2396	..	0	..	..	..	-25200	..	-27596	..
Final consumption	106243	4866	296	558101	154882	189168	..	216536	..	1230093	189168
Final energy consumption	106243	4866	296	542785	154882	189168	..	216536	..	1214777	189168
Manufacturing, const., mining	103549	4866	296	19616	50356	70895	..	68155	..	317734	70895
Iron and steel	24493	4786	0	339	9943	30	..	8273	..	47863	30
Chemical and petrochemical	7239	60	0	15669	6006	172	..	9886	..	39032	172
Non-ferrous metals	109	..	..	0	780	..	..	803	..	1692	..
Non-metallic minerals	41501	..	0	0	8707	246	..	7355	..	57809	246
Transport equipment	..	..	..	..	455	..	..	479	..	933	..
Machinery	..	20	..	..	590	..	..	976	..	1586	..
Mining and quarrying	..	..	..	..	..	..	..	15109	..	15109	..
Food and tobacco	12491	..	0	..	13164	57436	..	13810	..	96901	57436
Paper, pulp and printing	12328	..	296	..	5517	0	..	6120	..	24261	0
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	12911	..	893	..	17884	12911
Transport	0	..	0	426776	22190	*23344	..	346	..	472655	*23344
Road	..	..	..	420821	22190	*23344	..	..	..	466354	*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	94928	..	148036	..	424388	94928
Agriculture, forestry, fishing	0	..	0	375	..	10244	..	2149	..	12768	10244
Commerce, public services	..	..	0	2888	14403	..	..	47581	..	64872	..
Households	2694	..	..	17460	41642	84685	..	81684	..	228164	84685
Other consumers	..	..	..	75671	26292	..	..	16621	..	118584	..
Non-energy use	..	..	..	15316	..	..	..	..	..	15316	..

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
2017											
Primary production	2464200	..	1876659	..	410589	212481	..	206942	..	5170872	419423
Imports	..	..	..	119609	455	..	..	281	..	120344	..
Exports	-2794578	-50685	-1373312	-159512	..	-295	..	-32	..	-4378415	-295
International marine bunkers	..	..	..	-10849	..	..	..	..	..	-10849	..
International aviation bunkers	..	..	..	-56095	..	..	..	..	..	-56095	..
Stock changes	551138	..	303343	-22842	..	..	..	..	..	831639	..
Total energy supply	220760	-50685	806690	-129690	411044	212186	..	207191	..	1677496	419128
Statistical difference	17580	-5305	-17809	56409	68886	40778	..	554	..	161094	247720
Transfers	..	..	..	57668	..	..	..	..	..	57668	..
Transformation	-98923	51380	-815278	709509	-99491	-16232	..	63508	..	-205528	-16232
Electricity plants	-32521	-346	-11379	-14141	-58165	-14387	..	61229	..	-69709	-14387
CHP plants	..	..	..	..	*-41326	..	..	2279	..	*-39047	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-66402	53259	..	..	..	..	..	..	..	-13143	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-1532	..	..	..	..	..	..	..	-1532	..
NGL plants & gas blending	..	..	-14232	15231	..	..	..	..	..	998	..
Oil refineries	..	..	-789667	708419	..	..	..	..	..	-81248	..
Other transformation	..	..	..	..	..	-1845	..	..	..	-1845	-1845
Energy industries own use	..	-833	-8798	-26861	-72548	..	..	-28458	..	-137498	..
Losses	..	-131	..	..	..	..	..	-20016	..	-20147	..
Final consumption	104257	5036	423	554217	170118	155176	..	221670	..	1210897	155176
Final energy consumption	104257	5036	423	539464	170118	155176	..	221670	..	1196144	155176
Manufacturing, const., mining	101590	5036	423	36753	61301	56764	..	70679	..	332546	56764
Iron and steel	13879	4956	42	473	10869	..	..	9457	..	39677	..
Chemical and petrochemical	3184	60	..	13524	6855	98	..	11822	..	35544	98
Non-ferrous metals	..	..	..	135	657	..	..	929	..	1720	..
Non-metallic minerals	34916	..	42	1420	11267	216	..	7006	..	54866	216
Transport equipment	27	..	..	..	304	..	..	425	..	756	..
Machinery	..	20	..	43	484	..	..	968	..	1516	..
Mining and quarrying	..	..	..	16732	8593	..	..	15264	..	40589	..
Food and tobacco	23948	..	..	1493	12188	43235	..	14558	..	95422	43235
Paper, pulp and printing	10777	..	338	171	5424	..	..	4752	..	21463	..
Wood and wood products	..	..	..	95	108	38	..	576	..	816	38
Textile and leather	12600	..	..	88	4055	59	..	3445	..	20246	59
Construction	..	..	..	2537	91	..	..	601	..	3229	..
Industries n.e.s	2259	0	0	43	405	13119	..	875	..	16701	13119
Transport	..	..	..	426693	18766	*21778	..	349	..	467586	*21778
Road	..	..	..	425238	18766	*21778	..	..	..	465782	*21778
Rail	..	..	..	..	..	..	..	349	..	349	..
Domestic aviation	..	..	..	1019	..	..	..	..	..	1019	..
Domestic navigation	..	..	..	437	..	..	..	..	..	437	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	2667	..	..	76017	90051	76633	..	150642	..	396011	76633
Agriculture, forestry, fishing	..	..	..	5966	..	..	..	2236	..	8201	..
Commerce, public services	..	..	..	2081	14621	..	..	57222	..	73925	..
Households	2667	..	..	15050	44155	76633	..	83448	..	221953	76633
Other consumers	..	..	..	52920	31275	..	..	7736	..	91932	..
Non-energy use	..	..	..	14753	..	..	..	..	..	14753	..

Comoros

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	*30	*131	0
Transfers
Transformation	..	*-597	..	*-2550	1372	*210	*-1565	*-1178
Electricity plants	..	*-597	..	..	..	*210	*-387	..
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
2017								
Primary production	2877	..	..	2877	2877
Imports	..	*3546	..	..	..	..	*3546	..
Exports
International marine bunkers
International aviation bunkers	..	*-176	..	..	..	..	*-176	..
Stock changes
Total energy supply	..	*3369	..	2877	..	..	*6246	2877
Statistical Difference	..	0	..	0	0	*74	*74	0
Transfers
Transformation	..	*-933	..	*-2609	1404	*329	*-1808	*-1205
Electricity plants	..	*-933	..	..	..	*329	*-604	..
Charcoal plants	*-2609	1404	..	*-1205	*-1205
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-58	*-58	..
Final consumption	..	*2436	..	*268	*1404	*198	*4306	*1672
Final energy consumption	..	*2436	..	*268	*1404	*198	*4306	*1672
Manufacturing, const., mining
Transport	..	*693	..	..	..	..	*693	..
Road	..	*642	..	..	..	..	*642	..
Domestic aviation	..	*51	..	..	..	..	*51	..
Domestic navigation
Other transport
Other	..	*1743	..	*268	*1404	*198	*3613	*1672
Agriculture, forestry, fishing
Commerce and public services
Households	..	*591	..	*268	*1404	*90	*2353	*1672
Other consumers	..	*1152	..	..	..	*108	*1260	..
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
2016											
Primary production	512233	..	20581	64724	..	6131	..	603669	70855
Imports	16500	..	..	..	76	..	16576	..
Exports	-481652	-13130	..	..	..	-79	..	-494861	..
International marine bunkers
International aviation bunkers	-1808	..	..	..	..	..	-1808	..
Stock changes	42	0	..	..	..	..	..	42	..
Total energy supply	30623	1562	20581	64724	..	6127	..	123617	70855
Statistical difference	0	1911	0	-29	..	1080	..	2962	6101
Transfers
Transformation	-30623	23513	-20581	-14381	..	6448	..	-35624	-14381
Electricity plants	-2592	-20581	..	..	6448	..	-16725	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-30623	27150	..	..	..	..	..	-3472	..
Other transformation	-1045	..	-14381	..	..	..	-15426	-14381
Energy industries own use	-1411	..	-1411	..
Losses	-4903	..	-4903	..
Final consumption	23164	..	50373	..	5180	..	78718	50373
Final energy consumption	22406	..	50373	..	5180	..	77960	50373
Manufacturing, const., mining	1173	..	..	..	302	..	1475	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	769	..	..	..	..	..	769	..
Paper, pulp and printing
Wood and wood products	101	..	101	..
Textile and leather
Construction
Industries n.e.s	404	..	..	..	202	..	606	..
Transport	19898	..	..	..	..	..	19898	..
Road	14782	..	..	..	..	..	14782	..
Rail	3526	..	..	..	..	..	3526	..
Domestic aviation	1191	..	..	..	..	..	1191	..
Domestic navigation	399	..	..	..	..	..	399	..
Pipeline transport
Transport, n.e.s
Other	1336	..	50373	..	4878	..	56587	50373
Agriculture, forestry, fishing
Commerce, public services	261	..	649	..	2387	..	3297	649
Households	1075	..	49724	..	2491	..	53290	49724
Other consumers
Non-energy use	758	..	..	..	..	..	758	..

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
2017											
Primary production	591503	..	21641	66809	..	6404	..	686357	73213
Imports	8612	..	..	..	79	..	8691	..
Exports	-556008	-13857	..	..	..	-79	..	-569944	..
International marine bunkers
International aviation bunkers	-1367	..	..	..	..	..	-1367	..
Stock changes
Total energy supply	35495	-6613	21641	66809	..	6404	..	123736	73213
Statistical difference	44	-484	0	-89	..	2491	..	1963	6316
Transfers
Transformation	-35451	27728	-21641	-14754	..	8075	..	-36043	-14754
Electricity plants	-1611	-21641	..	..	8075	..	-15176	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-35451	29981	..	..	..	..	..	-5469	..
Other transformation	-643	..	-14754	..	..	..	-15397	-14754
Energy industries own use	-1624	..	-1624	..
Losses	-4766	..	-4766	..
Final consumption	21599	..	52144	..	5598	..	79340	52144
Final energy consumption	20796	..	52144	..	5598	..	78538	52144
Manufacturing, const., mining	1534	..	..	..	371	..	1905	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	766	..	..	..	..	..	766	..
Paper, pulp and printing
Wood and wood products	122	..	122	..
Textile and leather
Construction
Industries n.e.s	768	..	..	..	248	..	1016	..
Transport	18103	..	..	..	..	..	18103	..
Road	16530	..	..	..	..	..	16530	..
Rail	645	..	..	..	..	..	645	..
Domestic aviation	573	..	..	..	..	..	573	..
Domestic navigation	354	..	..	..	..	..	354	..
Pipeline transport
Transport, n.e.s
Other	1160	..	52144	..	5227	..	58531	52144
Agriculture, forestry, fishing
Commerce, public services	306	..	679	..	2794	..	3778	679
Households	854	..	51465	..	2434	..	54753	51465
Other consumers
Non-energy use	803	..	..	..	..	..	803	..

Cook Islands

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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
2017								
Primary production	*13	*13	*13
Imports	..	*1371	..	..	..	..	*1371	..
Exports
International marine bunkers
International aviation bunkers	..	*-416	..	..	..	..	*-416	..
Stock changes
Total energy supply	..	*954	..	..	..	*13	*967	*13
Statistical Difference	..	0	..	..	..	*1	*1	*13
Transfers
Transformation	..	*-344	..	..	..	*119	*-225	..
Electricity plants	..	*-344	..	..	..	*119	*-225	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses
Final consumption	..	610	..	..	..	131	741	..
Final energy consumption	..	610	..	..	..	131	741	..
Manufacturing, const., mining
Transport	..	610	..	..	..	..	610	..
Road	..	323	..	..	..	..	323	..
Domestic aviation
Domestic navigation
Other transport	..	*288	..	..	..	..	*288	..
Other	131	131	..
Agriculture, forestry, fishing
Commerce and public services
Households
Other consumers	131	131	..
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
2016											
Primary production	26550	..	33032	48223	107805	107805
Imports	14	..	..	112783	..	0	..	2906	..	115703	0
Exports	-560	..	-2365	..	-2925	-560
International marine bunkers
International aviation bunkers	*-8156	..	..	..	..	..	*-8156	..
Stock changes	0	977	..	0	..	..	..	977	0
Total energy supply	14	..	0	105605	..	25990	..	33574	48223	213404	107245
Statistical difference	0	..	0	-996	..	70	..	-29	0	-956	37924
Transfers	0	171	..	..	..	..	..	171	..
Transformation	-1682	..	-1450	..	6135	-48223	-45220	-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
NGL plants & gas blending
Oil refineries
Other transformation	-134	..	..	..	-134	-134
Energy industries own use	-390	..	..	..	-445	..	-835	..
Losses	-4067	..	-4067	..
Final consumption	14	..	..	104701	..	24470	..	35225	..	164410	24470
Final energy consumption	14	..	..	101601	..	24470	..	35225	..	161310	24470
Manufacturing, const., mining	14	..	..	14174	..	19031	..	7042	..	40260	19031
Iron and steel
Chemical and petrochemical	480	..	..	..	1418	..	1899	..
Non-ferrous metals
Non-metallic minerals	4027	..	..	..	..	..	4027	..
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	..	..	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	2391	..	..	..	1193	..	3584	..
Commerce, public services	1570	..	1126	..	13335	..	16032	1126
Households	2916	..	4314	..	13391	..	20620	4314
Other consumers	1099	..	..	..	265	..	1364	..
Non-energy use	3100	..	..	..	..	..	3100	..

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
2017											
Primary production	25526	..	35973	40242	101741	101741
Imports	181	..	..	121454	..	22	..	1982	..	123639	22
Exports	-558	..	-2669	..	-3227	-558
International marine bunkers
International aviation bunkers	-8260	..	..	..	..	..	-8260	..
Stock changes	-1852	..	..	..	..	..	-1852	..
Total energy supply	181	..	..	111341	..	24990	..	35286	40242	212040	101205
Statistical difference	0	..	..	1721	..	69	..	58	0	1849	40066
Transfers	-172	..	..	..	..	..	-172	..
Transformation	-363	..	-1372	..	4823	-40242	-37154	-37590
Electricity plants	-363	..	-1329	..	4159	-40242	-37775	-37547
CHP plants	664	..	664	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	-43	..	..	..	-43	-43
Energy industries own use	-400	..	..	..	-464	..	-864	..
Losses	-4	..	-3945	..	-3949	-4
Final consumption	181	..	..	108685	..	23544	..	35642	..	168052	23544
Final energy consumption	181	..	..	104004	..	23544	..	35642	..	163372	23544
Manufacturing, const., mining	181	..	..	14945	..	18257	..	7293	..	40676	18257
Iron and steel
Chemical and petrochemical	593	..	..	..	1472	..	2064	..
Non-ferrous metals
Non-metallic minerals	4593	..	..	..	..	..	4593	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	0	..	..	5328	..	12525	..	2423	..	20275	12525
Paper, pulp and printing	480	..	405	..	458	..	1343	405
Wood and wood products	239	..	4838	..	141	..	5217	4838
Textile and leather	567	..	..	..	255	..	823	..
Construction
Industries n.e.s	181	..	..	3145	..	490	..	2545	..	6361	490
Transport	80924	..	..	..	..	..	80924	..
Road	80567	..	..	..	..	..	80567	..
Rail	62	..	..	..	..	..	62	..
Domestic aviation	230	..	..	..	..	..	230	..
Domestic navigation	64	..	..	..	..	..	64	..
Pipeline transport
Transport, n.e.s
Other	8135	..	5287	..	28349	..	41772	5287
Agriculture, forestry, fishing	2513	..	..	..	1237	..	3751	..
Commerce, public services	1750	..	1172	..	13246	..	16168	1172
Households	2926	..	4115	..	13598	..	20638	4115
Other consumers	946	..	..	..	268	..	1215	..
Non-energy use	4680	..	..	..	..	..	4680	..

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	92822	..	87341	270109	..	5505	..	455776	275614
Imports	110031	54028	..	..	..	68	..	164127	..
Exports	-86207	-59407	..	..	..	-6757	..	-152372	..
International marine bunkers	-3379	..	..	..	..	..	-3379	..
International aviation bunkers	-7023	..	..	..	..	..	-7023	..
Stock changes	0	..	..	..	..	..	0	..
Total energy supply	116645	-15782	87341	270109	..	-1184	..	457129	275614
Statistical difference	11053	-5671	-4	0	..	-1296	..	4082	5505
Transfers	42312	-42317	..	..	..	..	..	-5	..
Transformation	-147904	136535	-73158	-96470	..	31405	..	-149592	-96470
Electricity plants	-991	*-73158	-1941	..	31405	..	*-44685	-1941
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-265	284	..	..	..	..	..	19	..
Oil refineries	-147639	137243	..	..	..	..	..	-10396	..
Other transformation	-94529	..	..	..	-94529	-94529
Energy industries own use	-2530	..	..	..	-1846	..	-4376	..
Losses	-1287	..	-5857	..	-7144	-1287
Final consumption	81577	14187	172352	..	23814	..	291930	172352
Final energy consumption	78766	14187	172352	..	23814	..	289119	172352
Manufacturing, const., mining	11619	14187	..	..	7837	..	33643	..
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	14187	..	..	2862	..	17806	..
Paper, pulp and printing
Wood and wood products	1886	..	1886	..
Textile and leather	551	..	551	..
Construction	205	..	205	..
Industries n.e.s	10862	0	..	..	1562	..	12424	..
Transport	49179	..	..	..	..	..	49179	..
Road	44133	..	..	..	..	..	44133	..
Rail	559	..	..	..	..	..	559	..
Domestic aviation	316	..	..	..	..	..	316	..
Domestic navigation	4171	..	..	..	..	..	4171	..
Pipeline transport
Transport, n.e.s
Other	17969	..	172352	..	15977	..	206297	172352
Agriculture, forestry, fishing	4816	..	..	..	0	..	4816	..
Commerce, public services	4944	..	19007	..	8402	..	32353	19007
Households	8208	..	153345	..	7535	..	169088	153345
Other consumers	40	..	40	..
Non-energy use	2811	..	..	..	..	..	2811	..

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
2017											
Primary production	85161	..	78911	266401	..	7370	..	437843	273771
Imports	100928	58553	..	..	..	133	..	159614	..
Exports	-79101	*-46505	..	..	..	-4489	..	-130096	..
International marine bunkers	-3209	..	..	..	..	..	-3209	..
International aviation bunkers	*-7321	..	..	..	..	..	*-7321	..
Stock changes	753	..	..	..	..	..	753	..
Total energy supply	106988	2271	78911	266401	..	3014	..	457585	273771
Statistical difference	11083	*-2286	1	0	..	-86	..	8712	7370
Transfers	44505	-44421	..	..	..	..	..	84	..
Transformation	-140411	*131130	-66093	-81083	..	29066	..	-127391	-81083
Electricity plants	-975	-66093	-1941	..	29066	..	-39943	-1941
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-265	284	..	..	..	..	..	19	..
Oil refineries	-140145	*131821	..	..	..	..	..	-8325	..
Other transformation	-79142	..	..	..	-79142	-79142
Energy industries own use	-1870	..	..	..	-5112	..	-6982	..
Losses	-1298	..	-4309	..	-5607	-1298
Final consumption	89395	12817	184020	..	22745	..	308977	184020
Final energy consumption	86179	12817	184020	..	22745	..	305761	184020
Manufacturing, const., mining	9596	12817	..	..	7837	..	30250	..
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	687	12817	..	..	2862	..	16366	..
Paper, pulp and printing
Wood and wood products	1886	..	1886	..
Textile and leather	551	..	551	..
Construction	205	..	205	..
Industries n.e.s	8909	0	..	..	1562	..	10471	..
Transport	55218	..	..	..	..	..	55218	..
Road	*50093	..	..	..	..	..	*50093	..
Rail	645	..	..	..	..	..	645	..
Domestic aviation	309	..	..	..	..	..	309	..
Domestic navigation	4171	..	..	..	..	..	4171	..
Pipeline transport
Transport, n.e.s
Other	*21366	..	184020	..	14908	..	220293	184020
Agriculture, forestry, fishing	5848	..	..	..	..	..	5848	..
Commerce, public services	*5827	..	19984	..	8402	..	34212	19984
Households	*9691	..	164037	..	6444	..	180172	164037
Other consumers	61	..	61	..
Non-energy use	3216	..	..	..	..	..	3216	..

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	-40	..	0	0	-40	28519
Transfers	..	..	16555	-16555	..	..	..	..	..	0	..
Transformation	-24561	..	-157518	161222	-24433	-5975	..	16855	11411	-22999	-5975
Electricity plants	-24409	..	..	-43	-2300	-259	..	10418	..	-16593	-259
CHP plants	-152	..	..	-553	-16064	-5352	..	6437	9095	-6589	-5352
Heat plants	..	..	..	-334	-2471	-3	..	..	2316	-491	-3
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	2556	..	..	..	..	..	..	2556	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-1768	1892	..	..	..	..	..	124	..
Oil refineries	..	..	-158306	160259	..	..	..	..	..	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	..

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
2017											
Primary production	..	..	31973	..	51477	67739	..	23728	884	175801	91867
Imports	15615	909	121061	97825	63095	1528	..	43769	..	343803	1528
Exports	..	..	..	-106771	-6930	-13967	..	-18734	..	-146403	-13967
International marine bunkers	..	..	..	-293	..	..	..	..	..	-293	..
International aviation bunkers	..	..	..	-6218	..	..	..	..	..	-6218	..
Stock changes	-125	..	-955	1931	-3255	-142	..	..	..	-2547	-142
Total energy supply	15490	909	152080	-13527	104387	55157	..	48762	884	364142	79286
Statistical difference	17	-29	30	-43	0	-33	..	-11	-1	-70	23695
Transfers	..	..	13373	-13373	..	..	..	..	..	0	..
Transformation	-13359	..	-165423	167817	-34013	-7291	..	18702	12431	-21135	-7291
Electricity plants	-13222	..	..	-43	-184	-309	..	5029	..	-8728	-309
CHP plants	-137	..	..	-1987	-28517	-6580	..	13673	10660	-12888	-6580
Heat plants	..	..	..	-293	-1902	-3	..	..	1771	-427	-3
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	2412	..	..	..	..	..	..	2412	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-1856	1987	..	..	..	..	..	130	..
Oil refineries	..	..	-165978	168154	..	..	..	..	..	2175	..
Other transformation	..	..	..	..	-3411	-399	..	..	..	-3810	-399
Energy industries own use	..	..	..	-14427	-6854	-28	..	-3586	-1234	-26129	-28
Losses	..	..	..	..	-1117	0	..	-6354	-1534	-9005	0
Final consumption	2114	938	..	126533	62404	47871	..	57535	10548	307943	48272
Final energy consumption	2114	938	..	120302	45276	47871	..	57535	10548	284584	48272
Manufacturing, const., mining	1960	938	..	12811	16180	1824	..	12992	2995	49700	1341
Iron and steel	..	..	..	..	73	..	..	194	..	267	..
Chemical and petrochemical	..	..	..	131	5063	..	..	1109	671	6974	..
Non-ferrous metals	..	..	..	47	326	4	..	310	..	687	4
Non-metallic minerals	1464	791	..	6910	3661	571	..	2437	..	15835	88
Transport equipment	..	..	..	43	111	1	..	353	..	508	1
Machinery	..	..	..	268	892	12	..	1645	379	3196	12
Mining and quarrying	..	..	..	516	..	..	..	119	..	635	..
Food and tobacco	496	147	..	752	3765	174	..	2506	529	8368	174
Paper, pulp and printing	..	..	..	218	1451	52	..	1166	26	2914	52
Wood and wood products	..	..	..	..	59	689	..	1120	1218	3086	689
Textile and leather	..	..	..	83	423	6	..	551	35	1098	6
Construction	..	..	..	3755	..	..	..	277	..	4032	..
Industries n.e.s	0	0	..	86	357	315	..	1206	137	2101	315
Transport	..	..	..	90883	177	0	..	965	..	92025	0
Road	..	..	..	87732	177	0	..	..	..	87909	0
Rail	..	..	..	774	..	..	..	824	..	1598	..
Domestic aviation	..	..	..	485	..	..	..	..	..	485	..
Domestic navigation	..	..	..	1892	..	..	..	..	..	1892	..
Pipeline transport	..	..	..	..	..	..	..	140	..	140	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	154	..	..	16608	28919	46047	..	43578	7553	142859	46931
Agriculture, forestry, fishing	..	..	..	8275	833	..	..	223	393	9724	158
Commerce, public services	..	..	..	2500	8026	347	..	20797	1883	33553	696
Households	154	..	..	5833	20060	45701	..	22558	5277	99582	46078
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	6231	17128	..	..	..	..	23359	..

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	..	447	..	192711	40289
Imports	57	31	157018	136400	..	..	..	..	..	293505	..
Exports	*-24314	..	..	..	..	..	*-24314	..
International marine bunkers	-25937	..	..	..	..	..	-25937	..
International aviation bunkers	-2183	..	..	..	..	..	-2183	..
Stock changes
Total energy supply	57	31	267810	83966	41630	39841	..	447	..	433782	40289
Statistical difference	-5	0	8	9184	8288	835	..	0	..	18310	1282
Transfers	*-170300	*162650	..	..	..	..	..	*-7649	..
Transformation	..	3676	*-97502	-100117	*-14321	*-15466	..	73203	..	-150527	*-15466
Electricity plants	-184924	*-14321	*-13128	..	73203	..	-139170	*-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	..	137093	*19020	23540	..	58620	..	242042	23540
Final energy consumption	62	3707	..	132546	*19020	23540	..	58620	..	237495	23540
Manufacturing, const., mining	62	*430	..	90058	*18985	17248	..	13578	..	140361	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	..	13267	..	100703	1078
Transport	17999	..	..	..	1034	..	19033	..
Road	10127	..	..	..	..	..	10127	..
Rail	1034	..	1034	..
Domestic aviation	5906	..	..	..	..	..	5906	..
Domestic navigation
Pipeline transport
Transport, n.e.s	1967	..	..	..	..	..	1967	..
Other	..	3277	..	24489	*35	*6292	..	44007	..	78101	*6292
Agriculture, forestry, fishing	5910	..	*813	..	1153	..	7875	*813
Commerce, public services	5601	..	..	..	1313	..	6914	..
Households	..	2204	..	11528	..	829	..	31713	..	46274	829
Other consumers	..	*1073	..	1450	*35	*4650	..	9829	..	17037	*4650
Non-energy use	4547	..	..	..	..	..	4547	..

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
2017											
Primary production	106689	..	36903	50487	..	591	..	194671	51079
Imports	93	14	120115	145447	..	..	..	..	..	265669	..
Exports	*-33773	..	..	..	..	..	*-33773	..
International marine bunkers	*-18405	..	..	..	..	..	*-18405	..
International aviation bunkers	*-4537	..	..	..	..	..	*-4537	..
Stock changes
Total energy supply	93	14	226804	88732	36903	50487	..	591	..	403625	51079
Statistical difference	31	2	0	-2065	3112	540	..	0	..	1619	1132
Transfers	*-109946	*105008	..	..	..	..	..	*-4938	..
Transformation	..	3463	*-116858	-68895	-14529	*-14945	..	73418	..	-138347	*-14945
Electricity plants	-166518	*-14529	*-12996	..	73418	..	-120626	*-12996
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works	..	3467	..	*-12878	..	..	..	..	..	*-9411	..
Blast furnaces	..	*-4	..	..	..	..	..	..	..	*-4	..
NGL plants & gas blending
Oil refineries	*-116858	110501	..	..	..	..	..	*-6357	..
Other transformation	*-1949	..	..	..	*-1949	*-1949
Energy industries own use	-94	..	..	..	-6807	..	-6901	..
Losses	-11438	..	-11438	..
Final consumption	62	3475	..	126815	*19263	*35002	..	55765	..	240382	*35002
Final energy consumption	62	3475	..	122337	*19263	*35002	..	55765	..	235904	*35002
Manufacturing, const., mining	62	*367	..	72818	*19263	*28742	..	11042	..	132294	*28742
Iron and steel	..	10	..	..	..	..	..	..	..	10	..
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying	20527	..	..	..	..	..	20527	..
Food and tobacco	2586	..	*27591	..	..	..	*30177	*27591
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	634	..	..	..	373	..	1007	..
Industries n.e.s	62	*357	..	49071	*19263	*1151	..	10669	..	80573	*1151
Transport	18396	..	..	..	1056	..	19452	..
Road	11154	..	..	..	..	..	11154	..
Rail	1056	..	1056	..
Domestic aviation	5302	..	..	..	..	..	5302	..
Domestic navigation
Pipeline transport
Transport, n.e.s	1940	..	..	..	..	..	1940	..
Other	..	3108	..	31123	..	*6260	..	43667	..	84158	*6260
Agriculture, forestry, fishing	5591	..	*872	..	1101	..	7565	*872
Commerce, public services	9371	..	..	..	1258	..	10630	..
Households	..	2104	..	12415	..	787	..	32024	..	47330	787
Other consumers	..	*1004	..	3745	..	*4600	..	9284	..	18633	*4600
Non-energy use	4478	..	..	..	..	..	4478	..

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	824	..	824	824
Imports	344504	116826	*5040	11	..	..	..	466381	11
Exports	-319401	..	..	..	..	..	-319401	..
International marine bunkers	-65198	..	..	..	..	..	-65198	..
International aviation bunkers	-2558	..	..	..	..	..	-2558	..
Stock changes
Total energy supply	344504	-270331	*5040	11	..	824	..	80048	835
Statistical difference	0	95	0	0	..	0	..	95	824
Transfers	17010	-16852	..	..	..	..	..	158	..
Transformation	-361513	341925	..	..	..	2358	..	-17231	..
Electricity plants	-5939	..	..	..	2358	..	-3581	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-361513	347864	..	..	..	..	..	-13650	..
Other transformation
Energy industries own use	-28298	*-5040	..	..	-299	..	-33636	..
Losses	-508	..	-508	..
Final consumption	26350	..	*11	..	2376	..	28737	*11
Final energy consumption	22330	..	*11	..	2376	..	24717	*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	14841	..	..	..	..	..	14841	..
Road	14841	..	..	..	..	..	14841	..
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	4020	..	..	..	..	..	4020	..

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
2017											
Primary production	1238	..	1238	1238
Imports	289456	112926	*4230	11	..	..	..	406623	11
Exports	-263996	..	..	..	..	..	-263996	..
International marine bunkers	-65279	..	..	..	..	..	-65279	..
International aviation bunkers	-2602	..	..	..	..	..	-2602	..
Stock changes
Total energy supply	289456	-218951	*4230	11	..	1238	..	75984	1249
Statistical difference	0	-291	0	0	..	-4	..	-295	1238
Transfers	14267	-14134	..	..	..	..	..	133	..
Transformation	-303723	282960	..	..	..	1969	..	-18794	..
Electricity plants	-4888	..	..	..	1969	..	-2919	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-303723	287849	..	..	..	..	..	-15875	..
Other transformation
Energy industries own use	-23816	*4230	..	..	-302	..	-28349	..
Losses	-515	..	-515	..
Final consumption	26350	..	*11	..	2394	..	28755	*11
Final energy consumption	22330	..	*11	..	2394	..	24735	*11
Manufacturing, const., mining	5171	..	..	..	1314	..	6485	..
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	..	..	..	1314	..	6485	..
Transport	14841	..	..	..	..	..	14841	..
Road	14841	..	..	..	..	..	14841	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	2318	..	*11	..	1080	..	3409	*11
Agriculture, forestry, fishing
Commerce, public services
Households	2318	..	*11	..	..	..	2329	*11
Other consumers	1080	..	1080	..
Non-energy use	4020	..	..	..	..	..	4020	..

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	..	-286	..	..	..	-1217	-108
Total energy supply	0	..	..	83828	..	2754	..	1339	2952	90873	6453
Statistical difference	0	..	..	-705	..	1	..	4	0	-701	1340
Transfers	..	..	..	202	..	..	..	..	..	202	..
Transformation	..	..	..	-42209	..	-416	..	16254	50	-26321	-416
Electricity plants	..	..	..	-42209	..	..	..	16067	..	-26142	..
CHP plants	..	..	..	0	..	-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	..	..	..	0	..	..	..	-806	0	-806	..
Losses	..	..	..	..	..	..	..	-947	..	-947	..
Final consumption	0	..	..	42526	..	2337	..	15836	3002	63701	4697
Final energy consumption	0	..	..	40877	..	2337	..	15836	3002	62052	4697
Manufacturing, const., mining	0	..	..	6020	..	1202	..	1750	..	8971	610
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	..	*36	..	612	..	1330	*36
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	..	767	..	14087	3002	25679	3719
Agriculture, forestry, fishing	..	..	..	1084	..	163	..	619	50	1916	163
Commerce, public services	..	..	..	1327	..	238	..	7434	433	9431	671
Households	..	..	..	5064	..	366	..	5706	2519	13655	2885
Other consumers	0	..	..	349	..	..	..	328	..	677	..
Non-energy use	..	..	..	1648	..	..	..	..	..	1648	..

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
2017											
Primary production	..	..	..	..	..	1128	..	1379	3005	5512	5371
Imports	439	..	..	110745	..	2265	..	..	..	113448	1558
Exports	..	..	..	0	..	..	..	..	..	0	..
International marine bunkers	..	..	..	-10565	..	..	..	..	..	-10565	..
International aviation bunkers	..	..	..	-13186	..	..	..	..	..	-13186	..
Stock changes	-284	..	..	-1223	..	64	..	..	..	-1443	40
Total energy supply	155	..	..	85771	..	3456	..	1379	3005	93766	6968
Statistical difference	26	..	..	15	..	-30	..	14	0	25	1349
Transfers	..	..	..	242	..	..	..	..	..	242	..
Transformation	..	..	..	-42523	..	-436	..	16636	54	-26269	-436
Electricity plants	..	..	..	-42482	..	..	..	16434	..	-26048	..
CHP plants	..	..	..	-40	..	-323	..	202	54	-108	-323
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	*-113	..	..	..	*-113	*-113
Energy industries own use	..	..	..	0	..	..	..	-832	0	-832	..
Losses	..	..	..	..	..	..	..	-821	..	-821	..
Final consumption	129	..	..	43477	..	3050	..	16348	3059	66062	5183
Final energy consumption	129	..	..	41828	..	3050	..	16348	3059	64414	5183
Manufacturing, const., mining	129	..	..	5896	..	1812	..	1865	..	9702	940
Iron and steel	..	..	..	..	..	..	..	7	..	7	..
Chemical and petrochemical	..	..	..	83	..	*22	..	158	..	264	*22
Non-ferrous metals	..	..	..	0	..	..	..	..	..	0	..
Non-metallic minerals	129	..	..	4037	..	1740	..	630	..	6536	868
Transport equipment	..	..	..	..	..	..	..	7	..	7	..
Machinery	..	..	..	..	..	..	..	76	..	76	..
Mining and quarrying	..	..	..	129	..	..	..	104	..	233	..
Food and tobacco	..	..	..	936	..	*50	..	634	..	1620	*50
Paper, pulp and printing	..	..	..	40	..	..	..	58	..	98	..
Wood and wood products	..	..	..	..	..	..	..	22	..	22	..
Textile and leather	..	..	..	..	..	..	..	18	..	18	..
Construction	..	..	..	629	..	..	..	18	..	647	..
Industries n.e.s	0	..	..	40	..	0	..	133	..	174	0
Transport	..	..	..	28019	..	368	..	..	..	28387	368
Road	..	..	..	28019	..	368	..	..	..	28387	368
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	0	..	..	7913	..	870	..	14483	3059	26325	3875
Agriculture, forestry, fishing	..	..	..	1127	..	164	..	616	54	1960	164
Commerce, public services	..	..	..	1291	..	277	..	7549	441	9558	718
Households	..	..	..	5102	..	429	..	5990	2564	14085	2993
Other consumers	0	..	..	394	..	..	..	328	..	721	..
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
2016											
Primary production	675080	..	7726	..	7546	174412	261206	16661	1112	1143743	178515
Imports	94970	27094	226412	206502	281148	17984	..	49741	33	903884	17984
Exports	-107551	-17992	-1187	-93364	..	*-16612	..	-89248	-83	-326037	*-16612
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-13495	..	..	..	..	..	-13495	..
Stock changes	27764	-11	221	790	5065	-67	..	..	..	33762	-67
Total energy supply	690263	9091	233171	100433	293759	175717	261206	-22846	1062	1741857	179819
Statistical difference	9597	-1781	0	-3326	0	27	0	7690	4747	16954	16688
Transfers	..	..	8040	-7182	..	..	..	..	..	858	..
Transformation	-622602	45067	-241211	239511	-60390	*-49680	-261206	278896	127109	-544507	*-46799
Electricity plants	-94421	..	..	-242	-12070	-855	-260323	124470	-152	-243593	-855
CHP plants	-419319	-30804	..	-1294	-22442	*-47267	-883	154454	99754	-267800	*-44760
Heat plants	-2129	-28	..	-283	-25879	*-1558	..	-29	27507	-2398	*-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	..	..	-241409	241330	..	..	..	..	..	-78	..
Other transformation	..	3625	198	0	..	..	..	..	..	3823	..
Energy industries own use	-10597	-14304	..	-7109	-3326	..	..	-32605	-27383	-95324	..
Losses	-1347	-1642	..	..	-4615	..	..	-14688	-7110	-29403	..
Final consumption	46119	39993	..	328980	225428	*126010	..	201067	88931	1056527	*116333
Final energy consumption	46092	27121	..	275647	221229	*126010	..	201067	88931	986097	*116333
Manufacturing, const., mining	18352	23200	..	6265	84373	*29248	..	82822	23390	267650	*20171
Iron and steel	2822	19258	..	..	8213	*1	..	8546	3017	41857	*1
Chemical and petrochemical	7431	1385	..	585	6848	164	..	11614	7488	35515	*43
Non-ferrous metals	..	114	..	..	1972	*1	..	1458	57	3602	*1
Non-metallic minerals	4390	1970	..	595	22057	9016	..	8575	385	46989	77
Transport equipment	225	..	..	90	6527	*10	..	10494	1797	19143	*10
Machinery	254	229	..	356	10163	*114	..	14648	2935	28700	*114
Mining and quarrying	..	..	..	40	2041	*8	..	1339	44	3473	*8
Food and tobacco	1663	200	..	302	12556	*472	..	5720	3289	24202	*472
Paper, pulp and printing	1276	..	..	40	3958	*12098	..	6268	1046	24686	*12098
Wood and wood products	38	..	..	205	465	*7024	..	1840	334	*9905	*7024
Textile and leather	100	..	..	47	2091	5	..	2567	378	5188	5
Construction	77	43	..	2421	3685	*112	..	1771	283	8392	*112
Industries n.e.s	75	0	..	1584	3798	*223	..	7981	2337	15998	*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	65541	446064	*83627
Agriculture, forestry, fishing	252	29	..	14116	2565	6147	..	3413	300	26822	6147
Commerce, public services	765	429	..	1123	47214	3685	..	55177	20374	128768	2471
Households	26683	3463	..	2034	83471	*74395	..	53766	44867	288679	*75009
Other consumers	..	..	..	472	1323	..	..	..	..	1795	..
Non-energy use	27	12872	..	53332	4199	..	..	..	..	70430	..

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
2017											
Primary production	639846	..	8727	..	7891	176089	306980	16754	1149	1157437	180232
Imports	104567	19169	331827	163426	307090	*18784	..	54259	53	999174	*18784
Exports	-75854	-21101	-1018	-101079	..	*-15640	..	-101192	-84	-315969	*-15640
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-15126	..	..	..	..	..	-15126	..
Stock changes	4005	-715	-1323	3676	-13490	-110	..	..	..	-7957	-110
Total energy supply	672563	-2647	338213	50897	301491	179122	306980	-30179	1118	1817559	183265
Statistical difference	-3146	-1771	-512	-3624	0	*-40	0	6732	3732	1372	16716
Transfers	..	..	9447	-8561	..	..	..	..	..	886	..
Transformation	-614773	59668	-348172	349830	-58443	*-53200	-306980	292360	122459	-557252	*-50013
Electricity plants	-82132	..	..	-205	-11295	-539	-306072	134554	-171	-265860	-539
CHP plants	-416791	-29409	..	-1793	-21398	*-50600	-908	157856	95446	-267596	*-47826
Heat plants	-1848	-84	..	-346	-25751	*-2060	..	-50	27184	-2956	*-1647
Coke ovens	-87413	95672	..	..	..	..	..	..	..	8259	..
Briquetting plants	-2763	2981	..	..	..	..	..	..	..	218	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	-16454	15177	..	..	..	..	..	..	..	-1277	..
Blast furnaces	-7371	-28179	..	..	..	..	..	..	..	-35550	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-348883	352174	..	..	..	..	..	3291	..
Other transformation	..	3510	711	0	..	..	..	..	..	4221	..
Energy industries own use	-10090	-15331	..	-9860	-3983	..	..	-33296	-22856	-95416	..
Losses	-827	-1116	..	..	-3843	..	..	-15750	-6912	-28448	..
Final consumption	50019	42345	..	385931	235221	*125962	..	206402	90077	1135957	*116536
Final energy consumption	49992	30917	..	281953	231506	*125962	..	206402	90077	1016810	*116536
Manufacturing, const., mining	20925	26177	..	5504	89631	*27707	..	85716	23928	279588	*18850
Iron and steel	1697	21618	..	..	8023	*1	..	8338	3268	42944	*1
Chemical and petrochemical	10927	1385	..	1618	9255	156	..	12182	7395	42918	*27
Non-ferrous metals	..	144	..	..	2467	*4	..	1480	51	4146	*4
Non-metallic minerals	4755	2563	..	256	22479	8783	..	8752	436	48024	*73
Transport equipment	238	..	..	90	6773	*9	..	10940	1817	19868	*9
Machinery	189	202	..	225	10718	*381	..	15635	2950	30300	*381
Mining and quarrying	27	..	..	81	2217	*11	..	1354	43	3732	*11
Food and tobacco	1653	202	..	218	13165	268	..	5782	3329	24616	268
Paper, pulp and printing	1163	..	..	81	4335	*11680	..	6473	1229	24961	*11680
Wood and wood products	38	..	..	164	516	*6057	..	1894	345	*9013	*6057
Textile and leather	88	..	..	47	2245	*3	..	2653	382	5418	*3
Construction	64	64	..	2070	3428	*122	..	1962	293	8003	*122
Industries n.e.s	88	0	..	653	4010	*232	..	8273	2390	15645	*214
Transport	39	..	..	258667	2929	13064	..	6109	..	280808	13064
Road	..	..	..	252762	2336	12806	..	241	..	268145	12806
Rail	39	..	..	3483	..	258	..	5670	..	9450	258
Domestic aviation	..	..	..	2250	..	..	..	..	..	2250	..
Domestic navigation	..	..	..	172	..	..	..	..	..	172	..
Pipeline transport	..	..	..	..	593	..	..	148	..	741	..
Transport, n.e.s	..	..	..	..	..	..	..	50	..	50	..
Other	29028	4740	..	17783	138947	*85191	..	114577	66149	456414	*84622
Agriculture, forestry, fishing	227	..	..	14156	2740	5857	..	3593	301	26873	5857
Commerce, public services	752	513	..	1120	49826	3516	..	56225	20575	132527	2301
Households	28050	4227	..	2034	83923	*75818	..	54760	45273	294085	*76464
Other consumers	..	..	..	472	2458	..	..	..	..	2930	..
Non-energy use	27	11428	..	103978	3715	..	..	..	..	119147	..

Dem. Rep. of the Congo

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	-437999	120183	130	-317828	-317816
Electricity plants	..	-129	-13	*-311	..	130	*-323	*-311
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	..	*743138	120183	25204	*915686	*863321
Final energy consumption	..	27000	..	*743138	120183	25204	*915525	*863321
Manufacturing, const., mining	..	889	..	132700	..	13853	147442	132700
Transport	..	26068	..	..	..	0	26068	..
Road	..	22198	..	..	..	..	22198	..
Domestic aviation
Domestic navigation	..	3870	..	..	..	..	3870	..
Other transport	0	0	..
Other	..	44	..	*610438	120183	11351	*742016	*730621
Agriculture, forestry, fishing	8005	..	..	8005	8005
Commerce and public services	2567	2567	..
Households	..	44	..	*602433	120183	8784	*731444	*722616
Other consumers
Non-energy use	..	161	..	..	..	..	161	..
2017								
Primary production	..	50675	11	1179530	..	34135	1264352	1213666
Imports	..	35413	..	..	..	2405	37818	..
Exports	..	-50675	..	..	..	-223	-50899	..
International marine bunkers
International aviation bunkers	..	-5160	..	..	..	..	-5160	..
Stock changes
Total energy supply	..	30253	11	1179530	..	36317	1246111	1213666
Statistical Difference	..	-129	0	-8156	0	2686	-5599	25979
Transfers
Transformation	..	-86	-11	-310862	120360	101	-190498	-190502
Electricity plants	..	-86	-11	*-301	..	101	*-297	*-301
Charcoal plants	-310561	120360	..	-190201	-190201
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-2534	-2534	..
Losses	-5195	-5195	..
Final consumption	..	30296	..	*876824	120360	26003	*1053483	*997184
Final energy consumption	..	30135	..	*876824	120360	26003	*1053323	*997184
Manufacturing, const., mining	..	646	..	149982	..	16715	167343	149982
Transport	..	29445	..	..	..	36	29481	..
Road	..	24930	..	..	..	..	24930	..
Domestic aviation
Domestic navigation	..	4515	..	..	..	..	4515	..
Other transport	36	36	..
Other	..	44	..	*726842	120360	9252	*856498	*847202
Agriculture, forestry, fishing	8157	..	..	8157	8157
Commerce and public services	3604	3604	..
Households	..	44	..	*718685	120360	5648	*844738	*839045
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
2016											
Primary production	..	..	297732	..	169736	113114	..	48762	2188	631531	146928
Imports	67296	322	164905	387952	25617	*66131	..	53914	128	766264	*63515
Exports	-490	..	-166711	-377221	-79416	-1178	..	-35708	..	-660724	-1178
International marine bunkers	..	..	..	-28177	..	..	..	..	..	-28177	..
International aviation bunkers	..	..	..	-40307	..	..	..	..	..	-40307	..
Stock changes	12172	29	1161	6933	4564	552	..	..	..	25411	552
Total energy supply	78978	352	297087	-50821	120500	178619	..	66967	2316	693998	209817
Statistical difference	-5317	58	-3655	6003	764	*122	..	22	-9	-2013	*50370
Transfers	..	..	91720	-91309	..	..	..	..	..	411	..
Transformation	-80027	816	-392462	386963	-34773	*-110630	..	60404	133277	-36432	*-91958
Electricity plants	..	..	..	-172	..	-15	..	47	..	-140	-15
CHP plants	-79981	..	..	-3206	-21027	*-85446	..	61121	89308	-39230	*-68218
Heat plants	-47	..	..	-804	-16265	*-22063	..	-763	43969	4027	*-20620
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	-588	..	..	..	..	-588	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	816	..	-378	3106	-3106	..	..	..	438	-3106
Oil refineries	..	..	-392462	391483	..	..	..	..	..	-979	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	-13157	-21933	-148	..	-8626	-1336	-45199	-148
Losses	..	-33	..	..	-115	-4	..	-6743	-26858	-33753	-4
Final consumption	4267	1077	..	225674	62915	*67715	..	111982	107408	581038	*67337
Final energy consumption	4267	1077	..	215262	62915	*67715	..	111982	107408	570626	*67337
Manufacturing, const., mining	3708	522	..	17965	27858	7664	..	30319	3268	91303	6922
Iron and steel	..	..	..	90	1837	1	..	1498	169	3595	1
Chemical and petrochemical	443	185	..	331	4640	0	..	5443	614	11656	0
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	2075	205	..	8663	4775	1523	..	2840	320	20402	799
Transport equipment	..	..	..	43	171	*44	..	313	35	606	*44
Machinery	..	..	..	574	2113	*750	..	4752	536	8725	*738
Mining and quarrying	93	..	..	733	842	*1253	..	328	37	3285	*1253
Food and tobacco	1096	132	..	2099	11194	1437	..	8550	964	25472	1437
Paper, pulp and printing	..	..	..	138	1002	*128	..	1130	128	2526	*125
Wood and wood products	..	..	..	126	89	*2014	..	752	85	*3067	*2013
Textile and leather	..	..	..	..	214	*8	..	396	45	663	*8
Construction	..	..	..	5083	343	11	..	1343	..	6779	11
Industries n.e.s	0	0	..	86	638	495	..	2974	335	4528	494
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	555	..	31582	34925	*50369	..	80161	104140	302293	*50734
Agriculture, forestry, fishing	560	..	..	19194	1680	*2363	..	6275	1585	31657	*2363
Commerce, public services	..	44	..	2619	7401	*2458	..	36821	32415	81757	*2322
Households	..	511	..	9770	25640	*45548	..	37066	70140	188675	*46049
Other consumers	..	..	..	..	204	..	..	..	..	204	..
Non-energy use	..	..	..	10412	..	..	..	..	..	10412	..

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
2017											
Primary production	..	..	289691	..	182142	124388	..	55976	2482	654679	165045
Imports	74790	352	207389	247226	19445	*77349	..	54785	124	681461	*75327
Exports	..	0	-176214	-282137	-84036	-810	..	-38358	..	-581555	-810
International marine bunkers	..	..	..	-22466	..	..	..	..	..	-22466	..
International aviation bunkers	..	..	..	-41586	..	..	..	..	..	-41586	..
Stock changes	-10292	..	1376	41494	-2528	-515	..	..	..	29535	-515
Total energy supply	64499	352	322242	-57469	115024	200412	..	72403	2606	720068	239048
Statistical difference	-900	60	-688	17323	2223	*168	..	14	-5	18194	*57953
Transfers	..	..	58243	-57243	..	..	..	..	..	1000	..
Transformation	-60679	683	-381173	373732	-26719	*-131016	..	54695	133700	-36777	*-112363
Electricity plants	..	..	..	-293	..	-15	..	86	..	-222	-15
CHP plants	-60557	..	..	-2728	-18496	*-101954	..	55681	92264	-35790	*-84630
Heat plants	-122	..	..	-592	-12885	*-23917	..	-1073	41436	2848	*-22588
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	-468	..	..	..	..	-468	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	683	..	-568	5130	-5130	..	..	..	115	-5130
Oil refineries	..	..	-381173	377913	..	..	..	..	..	-3260	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	-14457	-22769	..	..	-8370	-1275	-46871	..
Losses	..	-27	..	..	-113	-6	..	-6037	-27011	-33194	-6
Final consumption	4720	948	..	227241	63200	*69222	..	112676	108025	586032	*68726
Final energy consumption	4720	948	..	216950	63200	*69222	..	112676	108025	575741	*68726
Manufacturing, const., mining	4306	522	..	18660	29008	*9888	..	30863	3268	96516	*9145
Iron and steel	..	..	..	90	1915	0	..	1519	169	3694	0
Chemical and petrochemical	511	185	..	331	4837	*403	..	5526	614	12407	*403
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	2409	205	..	8978	4978	1536	..	2884	320	21309	812
Transport equipment	..	..	..	43	178	*9	..	317	35	582	*9
Machinery	..	..	..	571	2203	*502	..	4824	536	8636	*490
Mining and quarrying	122	..	..	687	878	*1060	..	331	37	3114	*1060
Food and tobacco	1265	132	..	2184	11669	1632	..	8680	964	26526	1632
Paper, pulp and printing	..	..	..	138	1044	394	..	1148	128	2852	391
Wood and wood products	..	..	..	83	93	*3489	..	763	85	*4513	*3488
Textile and leather	..	..	..	..	223	*28	..	403	45	699	*28
Construction	..	..	..	5470	325	18	..	1451	..	7263	18
Industries n.e.s	0	0	..	86	665	*817	..	3017	335	4920	*815
Transport	..	..	..	168987	253	9582	..	1465	..	180288	9582
Road	..	..	..	155290	253	9582	..	..	..	165125	9582
Rail	..	..	..	3311	..	..	..	1465	..	4776	..
Domestic aviation	..	..	..	1279	..	..	..	..	..	1279	..
Domestic navigation	..	..	..	6278	..	..	..	..	..	6278	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	2829	..	..	..	..	..	2829	..
Other	414	426	..	29302	33939	*49752	..	80348	104757	298938	*49999
Agriculture, forestry, fishing	414	..	..	17824	1707	*2390	..	6332	1585	30252	*2390
Commerce, public services	..	34	..	2397	7637	2973	..	38506	32609	84155	2713
Households	..	392	..	9082	24355	*44389	..	35510	70563	184291	*44896
Other consumers	..	..	..	..	240	..	..	..	..	240	..
Non-energy use	..	..	..	10291	..	..	..	..	..	10291	..

Djibouti

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	3560	..	..	3560	3560
Imports	..	10020	..	1	0	1618	11639	1
Exports	-12	-442	..	-454	-454
International marine bunkers	..	*-794	..	..	..	..	*-794	..
International aviation bunkers	..	-3555	..	..	..	..	-3555	..
Stock changes	..	*-646	..	..	..	..	*-646	..
Total energy supply	..	5026	..	3549	-442	1618	9752	3107
Statistical Difference	..	-13	..	0	0	26	13	0
Transfers
Transformation	..	*-903	..	*-2887	1554	316	*-1920	*-1333
Electricity plants	..	*-903	..	..	..	316	*-587	..
Charcoal plants	*-2887	1554	..	*-1333	*-1333
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-387	*-387	..
Final consumption	..	*4136	..	*662	*1112	*1522	*7433	*1774
Final energy consumption	..	*3827	..	*662	*1112	*1522	*7123	*1774
Manufacturing, const., mining	..	*322	..	..	..	..	*322	..
Transport	..	*1875	..	..	..	..	*1875	..
Road	..	*1875	..	..	..	..	*1875	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*1630	..	*662	*1112	*1522	*4927	*1774
Agriculture, forestry, fishing
Commerce and public services	..	*378	..	..	..	*609	*987	..
Households	..	*607	..	*662	*1112	*913	*3295	*1774
Other consumers	..	*645	..	..	..	..	*645	..
Non-energy use	..	*310	..	..	..	..	*310	..
2017								
Primary production	3605	..	..	3605	3605
Imports	..	9582	..	1	0	1830	11413	1
Exports	-12	-1307	..	-1318	-1318
International marine bunkers	..	*-794	..	..	..	..	*-794	..
International aviation bunkers	..	*-3563	..	..	..	..	*-3563	..
Stock changes	..	*-457	..	..	..	..	*-457	..
Total energy supply	..	4769	..	3594	-1306	1830	8885	2287
Statistical Difference	..	*-13	..	0	0	*-27	-40	0
Transfers
Transformation	..	*-602	..	*-2923	1574	*211	*-1740	*-1349
Electricity plants	..	*-602	..	..	..	*211	*-391	..
Charcoal plants	*-2923	1574	..	*-1349	*-1349
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-408	*-408	..
Final consumption	..	*4179	..	*671	*268	*1660	*6778	*938
Final energy consumption	..	*3858	..	*671	*268	*1660	*6456	*938
Manufacturing, const., mining	..	*322	..	..	..	..	*322	..
Transport	..	*1906	..	..	..	..	*1906	..
Road	..	*1906	..	..	..	..	*1906	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*1630	..	*671	*268	*1660	*4229	*938
Agriculture, forestry, fishing
Commerce and public services	..	*378	..	..	..	*664	*1042	..
Households	..	*607	..	*671	*268	*996	*2541	*938
Other consumers	..	*645	..	..	..	..	*645	..
Non-energy use	..	*322	..	..	..	..	*322	..

Dominica

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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
2017								
Primary production	68	..	98	166	166
Imports	..	*2407	..	2	1	..	*2410	3
Exports	0	-1	..	-1	-1
International marine bunkers	..	*-40	..	..	..	..	*-40	..
International aviation bunkers	..	*-27	..	..	..	..	*-27	..
Stock changes	..	*-67	..	..	..	..	*-67	..
Total energy supply	..	*2272	..	70	-1	98	*2440	167
Statistical Difference	..	*-4	..	0	0	0	*-4	98
Transfers
Transformation	..	*-1180	..	*-13	7	369	*-817	*-6
Electricity plants	..	*-1180	..	..	..	369	*-811	..
Charcoal plants	*-13	7	..	*-6	*-6
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-14	-14	..
Losses	..	*-13	..	..	..	-18	-31	..
Final consumption	..	*1083	..	*57	*6	*435	*1582	*64
Final energy consumption	..	*1083	..	*57	*6	*435	*1582	*64
Manufacturing, const., mining	..	*139	..	..	..	*76	*216	..
Transport	..	*746	..	..	..	..	*746	..
Road	..	*746	..	..	..	..	*746	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*198	..	*57	*6	*359	*621	*64
Agriculture, forestry, fishing	..	*49	..	..	..	*13	*61	..
Commerce and public services	..	*46	..	..	..	*211	*256	..
Households	..	*102	..	*57	*6	124	*289	*64
Other consumers	..	*2	..	..	..	*11	*14	..
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
2016											
Primary production	..	..	..	..	..	19541	..	6900	..	26441	26441
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	569	304	..	..	..	..	-193	..
Total energy supply	27954	..	49119	211007	34959	19485	..	6900	..	349424	26385
Statistical difference	-1117	..	-406	788	0	-56	..	0	..	-790	6844
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-25026	..	-49525	-40518	-30817	-1618	..	60384	..	-87119	-1618
Electricity plants	-25026	..	..	-87551	-30817	-755	..	60384	..	-83764	-755
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-49525	47033	..	..	..	..	..	-2492	..
Other transformation	..	..	..	..	..	-863	..	..	..	-863	-863
Energy industries own use	..	..	..	-2083	..	..	..	-2474	..	-4557	..
Losses	-733	..	..	..	..	..	..	-8682	..	-9415	..
Final consumption	3313	..	..	167618	4142	17923	..	56127	..	249123	17923
Final energy consumption	3313	..	..	149107	4142	17923	..	56127	..	230612	17923
Manufacturing, const., mining	3313	..	..	26916	3404	8474	..	19057	..	61163	8474
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	1313	660	..	..	2313	..	4286	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	2793	..	..	13733	387	..	..	5458	..	22371	..
Food and tobacco	520	..	..	5624	1188	8474	..	5473	..	21279	8474
Paper, pulp and printing	..	..	..	1017	..	..	..	786	..	1802	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	2956	1044	..	..	3998	..	7998	..
Construction	..	..	..	1712	..	..	..	..	..	1712	..
Industries n.e.s	0	..	..	561	125	0	..	1030	..	1716	0
Transport	..	..	..	94889	738	0	..	193	..	95820	0
Road	..	..	..	94292	738	0	..	..	..	95030	0
Rail	..	..	..	..	..	..	..	193	..	193	..
Domestic aviation	..	..	..	596	..	..	..	..	..	596	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	27303	..	9449	..	36877	..	73629	9449
Agriculture, forestry, fishing	..	..	..	2875	..	..	..	3572	..	6446	..
Commerce, public services	..	..	..	3743	..	39	..	13526	..	17308	39
Households	..	..	..	20685	..	9410	..	19780	..	49875	9410
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	18511	..	..	..	..	..	18511	..

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
2017											
Primary production	..	..	..	..	..	21856	..	9817	..	31673	31673
Imports	32379	..	41881	221215	41496	0	..	..	..	336972	0
Exports	..	..	..	..	..	-56	..	..	..	-56	-56
International marine bunkers	..	..	..	..	-1334	..	..	..	..	-1334	..
International aviation bunkers	..	..	..	-23770	..	..	..	..	..	-23770	..
Stock changes	137	..	1840	-1290	-72	..	..	..	..	615	..
Total energy supply	32516	..	43721	196155	40090	21800	..	9817	..	344099	31617
Statistical difference	1903	..	3321	945	0	-56	..	42	..	6154	9761
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-26458	..	-40401	-30951	-36190	-2851	..	58714	..	-78137	-2851
Electricity plants	-26458	..	..	-69480	-36190	-1958	..	58714	..	-75372	-1958
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-40401	38529	..	..	..	..	..	-1872	..
Other transformation	..	..	..	..	..	-894	..	..	..	-894	-894
Energy industries own use	..	..	..	-1704	..	..	..	-2395	..	-4098	..
Losses	-475	..	..	..	..	..	..	-8902	..	-9377	..
Final consumption	3681	..	..	162556	3900	19005	..	57191	..	246332	19005
Final energy consumption	3681	..	..	149357	3900	19005	..	57191	..	233133	19005
Manufacturing, const., mining	3681	..	..	28550	3301	9452	..	20202	..	65187	9452
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	1247	647	..	..	2470	..	4364	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	2837	..	..	14208	380	..	..	5827	..	23252	..
Food and tobacco	843	..	..	6325	1166	9452	..	5843	..	23630	9452
Paper, pulp and printing	..	..	..	1392	..	..	..	839	..	2230	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	3122	985	..	..	4123	..	8230	..
Construction	..	..	..	1722	..	..	..	..	..	1722	..
Industries n.e.s	0	..	..	535	123	0	..	1099	..	1758	0
Transport	..	..	..	94048	599	0	..	182	..	94829	0
Road	..	..	..	93695	599	0	..	..	..	94294	0
Rail	..	..	..	..	..	..	..	182	..	182	..
Domestic aviation	..	..	..	353	..	..	..	..	..	353	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	26759	..	9552	..	36807	..	73118	9552
Agriculture, forestry, fishing	..	..	..	2696	..	..	..	3704	..	6401	..
Commerce, public services	..	..	..	3650	..	45	..	14854	..	18549	45
Households	..	..	..	20413	..	9507	..	18249	..	48169	9507
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	13199	..	..	..	..	..	13199	..

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	..	30292	24156	..	57444	*102	1287657	81702
Imports	0	245923	..	..	..	294	..	246217	..
Exports	-825468	-101866	..	..	..	-1446	..	-928780	..
International marine bunkers	-12385	..	..	..	..	..	-12385	..
International aviation bunkers	-10103	..	..	..	..	..	-10103	..
Stock changes	14788	85	..	..	..	..	..	14873	..
Total energy supply	364984	121653	30292	24156	..	56291	*102	597478	81702
Statistical difference	-6273	3778	0	0	..	2	0	-2493	57444
Transfers
Transformation	-365422	264576	-28195	-4079	..	40886	..	-92234	-4079
Electricity plants	-13559	-68959	-23182	-1051	..	39124	..	-67626	-1051
CHP plants	-3028	..	1762	..	-1266	-3028
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works	-5014	..	..	..	..	-5014	..
Blast furnaces
NGL plants & gas blending	-7781	8091	..	..	..	..	..	310	..
Oil refineries	-344083	323836	..	..	..	..	..	-20246	..
Other transformation	1608	..	..	..	..	..	1608	..
Energy industries own use	-5834	-17674	..	..	..	-1640	..	-25148	..
Losses	-12597	..	-12597	..
Final consumption	364777	2097	20078	..	82938	*102	469991	20180
Final energy consumption	364777	2097	20078	..	82938	*102	469991	20180
Manufacturing, const., mining	23585	2079	10687	..	32108	..	68459	10687
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	23585	2079	10687	..	32108	..	68459	10687
Transport	246492	..	755	..	36	..	247283	755
Road	229997	..	755	..	36	..	230788	755
Rail	12205	..	..	..	..	..	12205	..
Domestic aviation	4249	..	..	..	..	..	4249	..
Domestic navigation	42	..	..	..	..	..	42	..
Pipeline transport
Transport, n.e.s
Other	94700	17	8636	..	50794	*102	154249	8738
Agriculture, forestry, fishing	4835	..	..	..	..	..	4835	..
Commerce, public services	15270	..	..	..	17875	*102	33247	*102
Households	35970	17	8636	..	25577	..	70201	8636
Other consumers	38625	..	..	..	7341	..	45966	..
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
2017											
Primary production	1136098	..	28136	26415	..	72720	*102	1263472	99237
Imports	126	253408	..	..	..	67	..	253600	..
Exports	-776226	-125470	..	..	..	-762	..	-902458	..
International marine bunkers	-15168	..	..	..	..	..	-15168	..
International aviation bunkers	-10922	..	..	..	..	..	-10922	..
Stock changes	23608	2447	..	..	..	..	..	26055	..
Total energy supply	383605	104295	28136	26415	..	72024	*102	614578	99237
Statistical difference	2627	3888	32	0	..	-115	0	6432	72720
Transfers
Transformation	-374941	296275	-26185	-5033	..	28198	..	-81687	-5033
Electricity plants	-14061	-39185	-20836	-1958	..	26547	..	-49492	-1958
CHP plants	-3075	..	1651	..	-1424	-3075
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works	-5349	..	..	..	..	-5349	..
Blast furnaces
NGL plants & gas blending	-7690	8185	..	..	..	..	..	494	..
Oil refineries	-353191	326270	..	..	..	..	..	-26921	..
Other transformation	1005	..	..	..	..	..	1005	..
Energy industries own use	-6037	-15917	..	..	..	-1379	..	-23333	..
Losses	-12658	..	-12658	..
Final consumption	380765	1919	21382	..	86300	*102	490468	21484
Final energy consumption	380765	1919	21382	..	86300	*102	490468	21484
Manufacturing, const., mining	24026	1901	11636	..	34088	..	71651	11636
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	24026	1901	11636	..	34088	..	71651	11636
Transport	261094	..	1366	..	36	..	262497	1366
Road	244642	..	1366	..	36	..	246044	1366
Rail	12198	..	..	..	..	..	12198	..
Domestic aviation	3832	..	..	..	..	..	3832	..
Domestic navigation	423	..	..	..	..	..	423	..
Pipeline transport
Transport, n.e.s
Other	95645	18	8379	..	52176	*102	156320	8481
Agriculture, forestry, fishing	5462	..	..	..	..	..	5462	..
Commerce, public services	15730	..	..	..	18203	*102	34035	*102
Households	36060	18	8379	..	26273	..	70730	8379
Other consumers	38392	..	..	..	7700	..	46093	..
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
2016											
Primary production	1368952	..	1455229	224835	..	56470	..	3105486	281305
Imports	9965	*9607	253715	673297	326705	21	..	194	..	1273504	21
Exports	..	*-1796	-481882	-67550	-47120	-2191	..	-2689	..	-603229	-2191
International marine bunkers	-2181	..	..	..	..	..	-2181	..
International aviation bunkers	-18743	..	..	..	..	..	-18743	..
Stock changes	..	0	..	1183	..	..	..	..	..	1183	..
Total energy supply	9965	*7810	1140786	586006	1734813	222665	..	53975	..	3756019	279134
Statistical difference	-77	0	27199	13745	-160028	0	..	6649	..	-112512	56470
Transfers
Transformation	-10042	*241	-1113587	809516	-1064574	*-41908	..	663268	..	-757086	*-41908
Electricity plants	-317931	-1064574	*-5668	..	663268	..	-724906	*-5668
CHP plants
Heat plants
Coke ovens	-9759	*5879	..	..	..	..	..	..	..	-3880	..
Briquetting plants
Liquefaction plants
Gas works	-283	251	..	..	..	..	..	..	..	-32	..
Blast furnaces	..	*-5889	..	..	..	..	..	..	..	*-5889	..
NGL plants & gas blending	-57990	62058	..	..	..	..	..	4067	..
Oil refineries	-1055597	1065390	..	..	..	..	..	9794	..
Other transformation	*-36240	..	..	..	*-36240	*-36240
Energy industries own use	-41317	-186071	..	..	-43470	..	-270858	..
Losses	-82933	..	-82933	..
Final consumption	..	*8051	..	*1340460	644197	*180757	..	584190	..	2757654	*180757
Final energy consumption	..	*8051	..	*1217558	483169	*180757	..	584190	..	2473724	*180757
Manufacturing, const., mining	..	*7969	..	228260	399715	56842	..	145138	..	837923	56842
Iron and steel	..	*7969	..	..	49450	..	..	..	..	57418	..
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	56842	..	145138	..	780505	56842
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	..

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
2017											
Primary production	1341005	..	1795134	225109	..	56268	..	3417516	281377
Imports	15398	*4164	265771	624732	269856	42	..	234	..	1180196	42
Exports	..	*-4191	-405826	-63080	-81636	-652	..	-1199	..	-556584	-652
International marine bunkers	-7673	..	..	..	..	..	-7673	..
International aviation bunkers	-19536	..	..	..	..	..	-19536	..
Stock changes	-1656	..	..	..	..	..	-1656	..
Total energy supply	15398	*-27	1200950	532787	1983353	224499	..	55303	..	4012263	280767
Statistical difference	0	0	-42	-897	19747	0	..	0	..	18809	56268
Transfers
Transformation	-15398	*8037	-1200992	804385	-1181400	*-42235	..	645703	..	-981899	*-42235
Electricity plants	-267232	-1181400	*-5668	..	645703	..	-808597	*-5668
CHP plants
Heat plants
Coke ovens	-14728	*13716	..	..	..	..	..	..	..	-1013	..
Briquetting plants
Liquefaction plants
Gas works	-669	526	..	..	..	..	..	..	..	-144	..
Blast furnaces	..	*-6204	..	..	..	..	..	..	..	*-6204	..
NGL plants & gas blending	-54366	58179	..	..	..	..	..	3813	..
Oil refineries	-1146626	1013438	..	..	..	..	..	-133188	..
Other transformation	*-36567	..	..	..	*-36567	*-36567
Energy industries own use	-39499	-217781	..	..	-63882	..	-321162	..
Losses	*-91343	..	*-91343	..
Final consumption	..	8010	..	1298570	564425	*182264	..	545782	..	2599051	*182264
Final energy consumption	..	8010	..	1230753	350554	*182264	..	545782	..	2317362	*182264
Manufacturing, const., mining	..	7879	..	215370	255144	*56842	..	149324	..	684559	*56842
Iron and steel	..	7879	..	..	..	..	..	..	..	7879	..
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	..	215370	255144	*56842	..	149324	..	676680	*56842
Transport	777961	13522	..	..	1922	..	793405	..
Road	741718	13522	..	..	..	..	755240	..
Rail	1922	..	1922	..
Domestic aviation	25093	..	..	..	..	..	25093	..
Domestic navigation	11150	..	..	..	..	..	11150	..
Pipeline transport
Transport, n.e.s
Other	..	131	..	237422	81888	*125422	..	394535	..	839398	*125422
Agriculture, forestry, fishing	40806	..	..	..	24275	..	65081	..
Commerce, public services	139410	..	139410	..
Households	..	131	..	196616	81888	..	..	230850	..	509485	..
Other consumers	*125422	..	..	..	*125422	*125422
Non-energy use	67817	213872	..	..	..	..	281688	..

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	23523	..	4626	56736	84885	84885
Imports	102175	..	..	..	3838	..	106013	..
Exports	-6319	..	..	..	-281	..	-6600	..
International marine bunkers
International aviation bunkers	-7321	..	..	..	..	..	-7321	..
Stock changes	-47	..	..	..	..	..	-47	..
Total energy supply	88488	..	23523	..	8183	56736	176929	84885
Statistical difference	0	..	0	..	-281	0	-281	10300
Transfers
Transformation	-20685	..	-12897	..	17014	-56736	-73304	-63960
Electricity plants	-20685	..	-11955	..	17014	-56736	-72362	-63017
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	0	..	..	..	..	..	0	..
Other transformation	-942	..	..	..	-942	-942
Energy industries own use	-662	..	-662	..
Losses	-2952	..	-2952	..
Final consumption	67803	..	10626	..	21863	..	100291	10626
Final energy consumption	66995	..	10626	..	21863	..	99484	10626
Manufacturing, const., mining	11616	..	934	..	7272	..	19822	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	11616	..	934	..	7150	..	19700	934
Transport	47729	..	..	..	..	..	47729	..
Road	47729	..	..	..	..	..	47729	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	7650	..	9692	..	14591	..	31933	9692
Agriculture, forestry, fishing
Commerce, public services	839	..	854	..	6250	..	7943	854
Households	6811	..	8838	..	6840	..	22489	8838
Other consumers	1501	..	1501	..
Non-energy use	808	..	..	..	..	..	808	..

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
2017											
Primary production	25933	..	6419	56484	88836	88836
Imports	95378	..	..	..	6030	..	101408	..
Exports	-7798	..	..	..	-324	..	-8122	..
International marine bunkers
International aviation bunkers	-7277	..	..	..	..	..	-7277	..
Stock changes
Total energy supply	80303	..	25933	..	12125	56484	174845	88836
Statistical difference	87	..	16	..	-554	0	-451	12083
Transfers
Transformation	-11554	..	-15600	..	13262	-56484	-70376	-66436
Electricity plants	-11554	..	-14583	..	13262	-56484	-69359	-65419
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	-1017	..	..	..	-1017	-1017
Energy industries own use	-868	..	-868	..
Losses	-2927	..	-2927	..
Final consumption	68662	..	10317	..	22147	..	101126	10317
Final energy consumption	67894	..	10317	..	22147	..	100358	10317
Manufacturing, const., mining	15293	..	655	..	7402	..	23350	655
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	15293	..	655	..	7402	..	23350	655
Transport	46805	..	..	..	..	..	46805	..
Road	46805	..	..	..	..	..	46805	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	5796	..	9662	..	14746	..	30204	9662
Agriculture, forestry, fishing
Commerce, public services	215	..	841	..	6412	..	7467	841
Households	5581	..	8821	..	6761	..	21163	8821
Other consumers	1573	..	1573	..
Non-energy use	767	..	..	..	..	..	767	..

Equatorial Guinea

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	..	459489	*347439	4083	..	*720	811732	4803
Imports	..	*13271	..	..	..	..	*13271	..
Exports	..	-492224	-303252	..	..	..	-795476	..
International marine bunkers
International aviation bunkers	..	*-2073	..	..	..	..	*-2073	..
Stock changes	..	*7875	*18000	..	..	..	*25875	..
Total energy supply	..	-13661	*62187	4083	..	*720	53329	4803
Statistical Difference	..	14	*-1978	0	0	0	-1964	720
Transfers
Transformation	..	31987	*-45810	*-576	310	*2340	*-11750	*-267
Electricity plants	..	*-86	*-5310	..	..	*2340	*-3056	..
Charcoal plants	*-576	310	..	*-267	*-267
Other transformation	..	32073	*-40500	0	..	..	*-8427	0
Energy industries own use	..	*-5922	*-356	..	..	*-126	*-6404	..
Losses	*-346	*-346	..
Final consumption	..	*12389	*18000	*3507	*310	*2588	*36794	*3817
Final energy consumption	..	*12164	*18000	*3507	*310	*2588	*36569	*3817
Manufacturing, const., mining	..	*1333	*18000	..	..	*832	*20165	..
Transport	..	*8208	..	..	..	..	*8208	..
Road	..	*8208	..	..	..	..	*8208	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*2624	..	*3507	*310	*1757	*8197	*3817
Agriculture, forestry, fishing
Commerce and public services	..	*520	..	..	..	*756	*1276	..
Households	..	*757	..	*3507	*310	*900	*5473	*3817
Other consumers	..	*1347	..	..	..	*101	*1447	..
Non-energy use	..	*225	..	..	..	..	*225	..
2017								
Primary production	..	398486	337141	4083	..	*720	740430	4803
Imports	..	*13871	..	..	..	..	*13871	..
Exports	..	-433375	-299596	..	..	..	-732971	..
International marine bunkers
International aviation bunkers	..	-2161	..	..	..	..	-2161	..
Stock changes	..	*7847	*22210	..	..	..	*30057	..
Total energy supply	..	-15332	59755	4083	..	*720	49227	4803
Statistical Difference	..	0	0	0	0	0	0	720
Transfers
Transformation	..	32416	*-41400	*-576	310	*2340	*-6911	*-267
Electricity plants	..	*-86	*-5400	..	..	*2340	*-3146	..
Charcoal plants	*-576	310	..	*-267	*-267
Other transformation	..	32502	*-36000	0	..	..	*-3498	0
Energy industries own use	..	*-4230	*-356	..	..	*-126	*-4712	..
Losses	*-346	*-346	..
Final consumption	..	12854	*18000	*3507	*310	*2588	*37259	*3817
Final energy consumption	..	12621	*18000	*3507	*310	*2588	*37026	*3817
Manufacturing, const., mining	..	*1333	*18000	..	..	*832	*20165	..
Transport	..	8659	..	..	..	..	8659	..
Road	..	8659	..	..	..	..	8659	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*2629	..	*3507	*310	*1757	*8202	*3817
Agriculture, forestry, fishing
Commerce and public services	..	*473	..	..	..	*756	*1229	..
Households	..	*757	..	*3507	*310	*900	*5473	*3817
Other consumers	..	1399	..	..	..	*101	1500	..
Non-energy use	..	*233	..	..	..	..	*233	..

Eritrea

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	27446	..	14	27460	27460
Imports	..	8519	..	..	..	..	8519	..
Exports
International marine bunkers
International aviation bunkers	..	-441	..	..	..	..	-441	..
Stock changes
Total energy supply	..	8078	..	27446	..	14	35538	27460
Statistical Difference	..	0	..	0	0	65	65	14
Transfers
Transformation	..	-4540	..	-15312	5133	1444	-13276	-10179
Electricity plants	..	-4540	..	..	..	1444	-3097	..
Charcoal plants	-15312	5133	..	-10179	-10179
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-79	-79	..
Losses	-180	-180	..
Final consumption	..	3538	..	*12134	5133	1134	*21939	*17267
Final energy consumption	..	3457	..	*12134	5133	1134	*21858	*17267
Manufacturing, const., mining	..	245	..	..	..	306	551	..
Transport	..	2464	..	..	..	..	2464	..
Road	..	2464	..	..	..	..	2464	..
Domestic aviation
Domestic navigation
Other transport
Other	..	748	..	*12134	5133	828	*18843	*17267
Agriculture, forestry, fishing
Commerce and public services	..	84	..	*816	89	360	*1349	*904
Households	..	664	..	*11318	5045	468	*17495	*16363
Other consumers
Non-energy use	..	80	..	..	..	..	80	..
2017								
Primary production	28077	..	14	28091	28091
Imports	..	8851	..	..	..	..	8851	..
Exports
International marine bunkers
International aviation bunkers	..	-353	..	..	..	..	-353	..
Stock changes
Total energy supply	..	8498	..	28077	..	14	36590	28091
Statistical Difference	..	87	..	0	0	83	170	14
Transfers
Transformation	..	-4788	..	-16075	5399	1516	-13949	-10677
Electricity plants	..	-4788	..	..	..	1516	-3272	..
Charcoal plants	-16075	5399	..	-10677	-10677
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-83	-83	..
Losses	-187	-187	..
Final consumption	..	3624	..	*12002	5399	1177	*22201	*17401
Final energy consumption	..	3543	..	*12002	5399	1177	*22121	*17401
Manufacturing, const., mining	..	245	..	..	..	320	565	..
Transport	..	2550	..	..	..	..	2550	..
Road	..	2550	..	..	..	..	2550	..
Domestic aviation
Domestic navigation
Other transport
Other	..	748	..	*12002	5399	857	*19006	*17401
Agriculture, forestry, fishing
Commerce and public services	..	84	..	*857	89	378	*1408	*946
Households	..	664	..	*11145	5310	479	*17598	*16455
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
2016											
Primary production	143448	..	..	..	..	61833	..	2264	..	207545	62625
Imports	624	..	..	77572	17931	*592	..	12877	..	109597	*592
Exports	-192	-371	-22896	-20566	..	*-21311	..	-20210	..	-85546	*-21311
International marine bunkers	..	..	..	-11520	..	..	..	..	..	-11520	..
International aviation bunkers	..	..	..	-1985	..	..	..	..	..	-1985	..
Stock changes	24363	10	..	-480	..	5	..	..	..	23898	1
Total energy supply	168243	-361	-22896	43023	17931	41119	..	-5069	..	241990	41908
Statistical difference	0	0	-295	-44	0	0	..	-576	546	-369	2264
Transfers	..	..	-3463	3636	..	..	..	..	..	173	..
Transformation	-164539	449	26064	-2424	-6260	*-22837	..	41569	23940	-104038	*-21865
Electricity plants	-101945	-2600	..	-1616	..	*-944	..	37084	..	-70021	*-769
CHP plants	-4847	-2650	..	-40	-518	*-12516	..	4486	11966	-4119	*-11719
Heat plants	-182	..	..	-768	-5742	*-9377	..	..	11974	-4094	*-9377
Coke ovens	-476	371	..	..	..	..	..	..	..	-105	..
Briquetting plants	-128	78	..	..	..	..	..	..	..	-50	..
Liquefaction plants	-46420	..	26064	..	..	..	..	..	..	-20356	..
Gas works	-10541	5250	..	..	..	..	..	..	..	-5291	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	-199	-68	..	-721	-1103	-517	..	-8197	-373	-11178	-288
Losses	..	..	..	..	..	..	..	-2603	-3244	-5847	..
Final consumption	3505	20	..	43558	10569	*17765	..	26276	19777	121470	*17491
Final energy consumption	1176	20	..	41588	10569	*17765	..	26276	19777	117171	*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	..	..	..	32571	173	107	..	173	..	33024	107
Road	..	..	..	31667	173	107	..	61	..	32008	107
Rail	..	..	..	645	..	..	..	43	..	688	..
Domestic aviation	..	..	..	44	..	..	..	..	..	44	..
Domestic navigation	..	..	..	215	..	..	..	..	..	215	..
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	2329	..	..	1970	..	..	..	..	..	4298	..

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
2017											
Primary production	173950	..	..	..	..	65841	..	2696	..	242487	67022
Imports	990	..	..	80590	16997	*793	..	8212	..	107580	*793
Exports	-312	-542	-33192	-18275	..	*-22626	..	-18054	..	-93001	*-22626
International marine bunkers	..	..	..	-13179	..	..	..	..	..	-13179	..
International aviation bunkers	..	..	..	-2558	..	..	..	..	..	-2558	..
Stock changes	3732	..	..	-3336	..	*805	..	..	..	1201	*810
Total energy supply	178359	-542	-33192	43242	16997	44813	..	-7146	..	242531	45999
Statistical difference	8	0	-315	-43	0	*81	..	0	528	259	*2737
Transfers	..	..	-3699	3909	..	..	..	..	..	210	..
Transformation	-174418	542	36576	-1737	-6939	*-24301	..	43758	24261	-102259	*-23192
Electricity plants	-103725	-3679	..	-727	..	*-673	..	38387	..	-70417	*-673
CHP plants	-4836	-2936	..	-40	-474	*-13978	..	5371	11148	-5745	*-12869
Heat plants	-405	..	..	-970	-6465	*-9650	..	..	13113	-4376	*-9650
Coke ovens	-650	542	..	..	..	..	..	..	..	-109	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	-57431	..	36576	..	..	..	..	..	..	-20855	..
Gas works	-7371	6615	..	..	..	..	..	..	..	-756	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	-146	..	..	-559	-189	*-40	..	-7823	-353	-9110	*-40
Losses	..	..	..	..	..	..	..	-2804	-3456	-6260	..
Final consumption	3786	..	..	44898	9869	*20391	..	25985	19924	124853	*20030
Final energy consumption	1659	..	..	42004	9869	*20391	..	25985	19924	119831	*20030
Manufacturing, const., mining	1527	..	..	2388	4114	*2885	..	8050	1550	20514	*2524
Iron and steel	..	..	..	..	11	0	..	7	..	18	0
Chemical and petrochemical	..	..	..	224	173	0	..	410	720	1527	0
Non-ferrous metals	..	..	..	..	44	..	..	..	..	44	..
Non-metallic minerals	1527	..	..	43	644	724	..	540	72	3549	363
Transport equipment	..	..	..	43	79	*14	..	97	63	296	*14
Machinery	..	..	..	47	166	*43	..	1087	216	1559	*43
Mining and quarrying	..	..	..	172	180	..	..	36	2	390	..
Food and tobacco	..	..	..	178	983	*16	..	1112	127	2416	*16
Paper, pulp and printing	..	..	..	..	928	*480	..	1768	35	3211	*480
Wood and wood products	..	..	..	172	396	*700	..	1796	62	3126	*700
Textile and leather	..	..	..	..	88	*6	..	209	65	368	*6
Construction	..	..	..	1419	298	*30	..	295	83	2125	*30
Industries n.e.s	0	..	..	90	125	*872	..	691	105	1884	*872
Transport	..	..	..	33721	196	54	..	166	..	34137	54
Road	..	..	..	32688	196	54	..	58	..	32996	54
Rail	..	..	..	688	..	..	..	47	..	735	..
Domestic aviation	..	..	..	44	..	..	..	..	..	44	..
Domestic navigation	..	..	..	301	..	..	..	..	..	301	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	61	..	61	..
Other	132	..	..	5894	5558	*17452	..	17770	18374	65180	*17452
Agriculture, forestry, fishing	44	..	..	4216	184	*222	..	900	74	5640	*222
Commerce, public services	..	..	..	1261	3056	*554	..	9886	4980	19736	*554
Households	88	..	..	417	2319	*16676	..	6984	13320	39804	*16676
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	2128	..	..	2894	..	..	..	..	..	5022	..

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	..	..	11927	..	1892	..	3878	..	20305	1892
Exports	*-2497	..	..	..	..	-7567	..	..	..	-10065	-7567
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-44	..	..	..	..	..	-44	..
Stock changes	*284	..	..	..	..	..	..	..	..	*284	..
Total energy supply	*3755	..	..	11883	..	23674	..	4321	..	43633	24118
Statistical difference	-40	..	..	-43	..	-2649	..	1	0	-2731	-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	..	..	11926	..	*7876	..	4544	*9403	*35222	*7876
Final energy consumption	1473	..	..	11846	..	*7876	..	4544	*9403	*35142	*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	..	..	..	6374	..	..	..	..	..	6374	..
Road	..	..	..	6374	..	..	..	..	..	6374	..
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	..

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
2017											
Primary production	4704	..	..	..	..	*31389	..	422	..	*36514	*31811
Imports	157	..	..	11879	..	1224	..	3772	..	17033	1224
Exports	-4704	..	..	..	..	-6634	..	..	..	-11338	-6634
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	*-65	..	..	..	..	..	*-65	..
Stock changes	*1419	..	..	..	..	..	..	..	..	*1419	..
Total energy supply	1576	..	..	11814	..	*25979	..	4194	..	*43564	*26401
Statistical difference	-15	..	..	-284	..	*1	..	-339	0	*-637	*423
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-422	..	..	..	..	*-19441	..	1069	*9403	*-9391	*-19441
Electricity plants	-241	..	..	..	..	..	..	47	..	-195	..
CHP plants	-181	..	..	..	..	*-13359	..	1022	*5322	*-7195	*-13359
Heat plants	..	..	..	..	..	*-4730	..	..	*4080	*-650	*-4730
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	-1351	..	..	..	-1351	-1351
Energy industries own use	..	..	..	..	..	..	..	-1	0	-1	..
Losses	..	..	..	..	..	..	..	-608	..	-608	..
Final consumption	1169	..	..	12098	..	*6537	..	4993	*9403	*34200	*6537
Final energy consumption	1169	..	..	12073	..	*6537	..	4993	*9403	*34176	*6537
Manufacturing, const., mining	1169	..	..	2031	..	*4636	..	1948	*9403	*19187	*4636
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	22	..	..	..	..	..	22	..
Food and tobacco	1164	..	..	322	..	..	..	738	*4089	*6313	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	*5314	*5314	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	6	..	..	1687	..	*4636	..	1210	0	*7538	*4636
Transport	..	..	..	9230	..	..	..	..	..	9230	..
Road	..	..	..	9230	..	..	..	..	..	9230	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	812	..	1901	..	3046	..	5759	1901
Agriculture, forestry, fishing	..	..	..	449	..	..	..	1148	..	1598	..
Commerce, public services	..	..	..	289	..	..	..	407	..	696	..
Households	..	..	..	61	..	1901	..	1490	..	3453	1901
Other consumers	..	..	..	12	..	..	..	..	..	12	..
Non-energy use	..	..	..	*25	..	..	..	..	..	*25	..

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	1310978	..	45522	..	1356500	1356500
Imports	13571	..	..	163190	..	10	..	..	..	176771	10
Exports	-25	..	-4691	..	-4716	-25
International marine bunkers
International aviation bunkers	-24652	..	..	..	..	..	-24652	..
Stock changes	347	..	..	..	..	..	347	..
Total energy supply	13571	..	..	138885	..	1310963	..	40831	..	1504250	1356485
Statistical difference	0	..	..	-4892	..	58	..	407	..	-4427	45580
Transfers
Transformation	-43	..	*-198276	..	*163	..	*-198156	*-198276
Electricity plants	-43	..	*-502	..	*163	..	*-382	*-502
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	*-197775	..	..	..	*-197775	*-197775
Energy industries own use	-329	..	-329	..
Losses	-9349	..	-9349	..
Final consumption	13571	..	..	143734	..	*1112628	..	30910	..	*1300843	*1112628
Final energy consumption	13571	..	..	139915	..	*1112628	..	30910	..	*1297024	*1112628
Manufacturing, const., mining	13571	..	..	37202	..	*8433	..	11135	..	70340	*8433
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	13571	..	..	9978	..	..	..	..	..	23548	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	*8433	..	..	..	*8433	*8433
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	27224	..	0	..	11135	..	38359	0
Transport	79113	..	134	..	..	..	79247	134
Road	77525	..	134	..	..	..	77659	134
Rail
Domestic aviation	1588	..	..	..	..	..	1588	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	23601	..	*1104062	..	19775	..	*1147437	*1104062
Agriculture, forestry, fishing	6622	..	..	..	..	..	6622	..
Commerce, public services	2795	..	12619	..	6952	..	22366	12619
Households	7562	..	*1091443	..	12823	..	*1111827	*1091443
Other consumers	6622	..	..	..	..	..	6622	..
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
2017											
Primary production	1320502	..	50173	..	1370675	1370675
Imports	14964	..	..	179666	..	10	..	..	..	194641	10
Exports	-25	..	-5173	..	-5198	-25
International marine bunkers
International aviation bunkers	-26592	..	..	..	..	..	-26592	..
Stock changes
Total energy supply	14964	..	..	153074	..	1320487	..	45000	..	1533525	1370660
Statistical difference	0	..	..	-5272	..	30	..	439	..	-4802	50204
Transfers
Transformation	-43	..	*-197303	..	*163	..	*-197183	*-197303
Electricity plants	-43	..	*-502	..	*163	..	*-382	*-502
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	*-196801	..	..	..	*-196801	*-196801
Energy industries own use	-343	..	-343	..
Losses	-10303	..	-10303	..
Final consumption	14964	..	..	158303	..	*1123154	..	34078	..	*1330498	*1123154
Final energy consumption	14964	..	..	154323	..	*1123154	..	34078	..	*1326518	*1123154
Manufacturing, const., mining	14964	..	..	41000	..	*8456	..	12276	..	76696	*8456
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	14964	..	..	10985	..	..	..	..	..	25949	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	*8456	..	..	..	*8456	*8456
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	30015	..	0	..	12276	..	42291	0
Transport	87823	..	161	..	..	..	87984	161
Road	85485	..	161	..	..	..	85646	161
Rail
Domestic aviation	2337	..	..	..	..	..	2337	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	25500	..	*1114537	..	21802	..	*1161839	*1114537
Agriculture, forestry, fishing	7310	..	..	..	..	..	7310	..
Commerce, public services	3096	..	*13496	..	7664	..	*24257	*13496
Households	7784	..	*1101041	..	14137	..	*1122962	*1101041
Other consumers	7310	..	..	..	..	..	7310	..
Non-energy use	3980	..	..	..	..	..	3980	..

Faeroe Islands

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	..	0	..	..	..	..	0	..
Non-energy use	..	*2	..	..	..	..	*2	..
2017								
Primary production	615	615	615
Imports	..	*11265	..	..	0	..	*11265	0
Exports
International marine bunkers	..	-1543	..	..	..	..	-1543	..
International aviation bunkers	..	-5	..	..	..	..	-5	..
Stock changes
Total energy supply	..	*9716	..	..	0	615	*10332	616
Statistical Difference	..	0	..	..	0	0	0	615
Transfers
Transformation	..	-1364	..	..	..	588	-776	..
Electricity plants	..	-1364	..	..	..	588	-776	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-35	-35	..
Losses	*-65	*-65	..
Final consumption	..	8352	..	..	0	1103	9456	0
Final energy consumption	..	8351	..	..	0	1103	9454	0
Manufacturing, const., mining	..	1114	..	..	..	308	1422	..
Transport	..	2977	..	..	..	..	2977	..
Road	..	2977	..	..	..	..	2977	..
Domestic aviation
Domestic navigation
Other transport
Other	..	4260	..	..	0	795	5055	0
Agriculture, forestry, fishing	..	3768	..	..	..	151	3919	..
Commerce and public services	..	492	..	..	..	362	854	..
Households	0	282	282	0
Other consumers	..	0	..	..	..	..	0	..
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
2016								
Primary production	*67	..	..	8	..	22	*96	29
Imports	..	468	4	..	1	..	473	1
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	*67	468	4	8	1	22	569	30
Statistical Difference	0	0	0	0	0	0	0	22
Transfers	..	..	..	..	..	..	..	..
Transformation	..	-118	..	*-6	3	53	-68	*-3
Electricity plants	..	-118	..	..	..	53	-65	..
Charcoal plants	..	..	..	*-6	3	..	*-3	*-3
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	*-11	*-11	..
Losses	..	..	..	..	..	..	..	..
Final consumption	*67	350	4	*2	*4	*64	490	*6
Final energy consumption	*67	350	4	*2	*4	*64	490	*6
Manufacturing, const., mining	..	202	..	..	..	*26	228	..
Transport	..	17	..	..	..	..	17	..
Road	..	9	..	..	..	..	9	..
Domestic aviation	..	9	..	..	..	..	9	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	*67	131	4	*2	*4	*37	245	*6
Agriculture, forestry, fishing	..	..	..	..	..	*5	*5	..
Commerce and public services	..	..	..	..	..	..	..	..
Households	*67	131	4	*2	*4	*11	218	*6
Other consumers	..	..	..	..	..	*21	*21	..
Non-energy use	..	..	..	..	..	..	..	..
2017								
Primary production	48	..	..	8	..	19	74	26
Imports	..	454	4	..	1	..	459	1
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	48	454	4	8	1	19	533	27
Statistical Difference	0	0	0	0	0	1	1	19
Transfers	..	..	..	..	..	..	..	..
Transformation	..	-114	..	*-6	3	52	-65	*-3
Electricity plants	..	-114	..	..	..	52	-62	..
Charcoal plants	..	..	..	*-6	3	..	*-3	*-3
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	*-7	*-7	..
Losses	..	..	..	..	..	..	..	..
Final consumption	*48	340	4	*2	*4	*63	461	*6
Final energy consumption	*48	340	4	*2	*4	*63	461	*6
Manufacturing, const., mining	..	203	..	..	..	*26	229	..
Transport	..	18	..	..	..	..	18	..
Road	..	9	..	..	..	..	9	..
Domestic aviation	..	9	..	..	..	..	9	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	*48	120	4	*2	*4	*37	214	*6
Agriculture, forestry, fishing	..	..	..	..	..	*5	*5	..
Commerce and public services	..	..	..	..	..	..	..	..
Households	*48	120	4	*2	*4	*10	187	*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
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	..
2017								
Primary production	..	..	..	4871	..	1776	6647	6647
Imports	*4	*33022	..	..	0	..	*33027	0
Exports	..	0	..	-1	0	..	-1	-1
International marine bunkers	..	*-2782	..	..	..	..	*-2782	..
International aviation bunkers	..	*-2531	..	..	..	..	*-2531	..
Stock changes	..	*81	..	..	..	..	*81	..
Total energy supply	*4	*27790	..	4870	0	1776	*34440	6646
Statistical Difference	0	*7471	..	0	0	0	*7471	1776
Transfers	..	..	..	..	..	..	..	..
Transformation	0	*-4452	..	*-136	73	1852	*-2663	*-63
Electricity plants	0	*-4452	..	..	..	1852	*-2601	..
Charcoal plants	..	..	..	*-136	73	..	*-63	*-63
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-85	-85	..
Losses	..	..	..	..	..	*-295	*-295	..
Final consumption	*4	*15866	..	*4734	*73	3248	*23926	*4807
Final energy consumption	*4	*15657	..	*4734	*73	3248	*23717	*4807
Manufacturing, const., mining	..	*3244	..	*4533	..	798	*8575	*4533
Transport	..	*10951	..	..	..	..	*10951	..
Road	..	*8317	..	..	..	..	*8317	..
Domestic aviation	..	*1344	..	..	..	..	*1344	..
Domestic navigation	..	*1290	..	..	..	..	*1290	..
Other transport	..	..	..	..	..	..	..	..
Other	*4	*1463	..	*201	*73	2450	4191	*274
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	1498	1498	..
Households	..	*1321	..	*201	*73	902	*2497	*274
Other consumers	*4	*142	..	..	..	*50	*196	..
Non-energy use	..	*209	..	..	..	..	*209	..

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	..	..	..	..	382566	250592	67990	5149	736455	437880
Imports	107600	9464	520041	254922	86208	5051	..	79596	..	1062882	5051
Exports	..	-2618	..	-392603	-14	*-1327	..	-11372	..	-407934	*-1327
International marine bunkers	..	..	..	-11984	..	..	..	..	..	-11984	..
International aviation bunkers	..	..	..	-27386	..	..	..	..	..	-27386	..
Stock changes	49020	-2422	-2517	11686	..	-37	..	..	..	55730	-37
Total energy supply	186779	4424	517524	-165365	86195	386253	250592	136213	5149	1407763	441567
Statistical difference	2163	56	-8396	-6518	357	-161	0	0	1	-12497	67829
Transfers	..	..	87975	-87336	..	..	..	..	..	639	..
Transformation	-170154	16818	-613895	605817	-55721	*-157558	-250592	178124	188850	-258311	*-147322
Electricity plants	-26276	-5257	..	-907	-268	*-12735	-250592	100937	-1858	-196957	*-12163
CHP plants	-91153	-1152	..	-1262	-30248	*-110472	..	78588	123475	-32225	*-101825
Heat plants	-12984	-1004	..	-10475	-13343	*-34057	..	-1400	67233	-6029	*-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	..	..	-622139	619226	..	..	..	..	..	-2912	..
Other transformation	-27	-2542	..	-684	-12156	..	..	..	..	-15409	..
Energy industries own use	..	-8760	..	-27277	-3690	-1123	..	-13612	-5500	-59962	-1123
Losses	..	-1465	..	-891	-69	..	..	-9734	-16197	-28357	..
Final consumption	14461	10960	..	331467	26357	*227732	..	290992	172301	1074270	*225292
Final energy consumption	14461	10960	..	270757	24924	*227732	..	290992	172301	1012127	*225292
Manufacturing, const., mining	12066	10960	..	51249	22225	*155846	..	138661	54877	445884	*153338
Iron and steel	1042	9068	..	4613	2332	*1	..	15890	4035	36981	*1
Chemical and petrochemical	..	..	..	12945	1021	768	..	18025	11052	43810	299
Non-ferrous metals	27	264	..	1385	48	2	..	6660	2180	10565	..
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	*143162	..	64660	15060	*254030	*142045
Wood and wood products	60	..	..	478	4	*9439	..	4676	6885	21542	*9421
Textile and leather	..	..	..	83	149	13	..	446	280	972	13
Construction	..	..	..	12516	..	..	..	1498	..	14013	..
Industries n.e.s	0	0	..	4137	408	*313	..	2808	1940	9605	*246
Transport	..	..	..	167932	354	6455	..	2552	..	177293	6455
Road	..	..	..	159258	166	6401	..	36	..	165861	6401
Rail	..	..	..	860	..	..	..	2516	..	3376	..
Domestic aviation	..	..	..	2646	..	..	..	..	..	2646	..
Domestic navigation	..	..	..	5168	..	54	..	..	..	5221	54
Pipeline transport	..	..	..	..	126	..	..	..	..	126	..
Transport, n.e.s	..	..	..	..	62	..	..	..	..	62	..
Other	2395	..	..	51576	2345	*65431	..	149778	117424	388950	*65500
Agriculture, forestry, fishing	2137	..	..	16356	43	*7239	..	5677	549	32001	*7239
Commerce, public services	100	..	..	11294	1180	*3640	..	63050	41270	120534	*3640
Households	159	..	..	16258	1122	*54552	..	81050	70608	223750	*54621
Other consumers	..	..	..	7668	..	..	..	..	4997	12665	..
Non-energy use	..	..	..	60710	1434	..	..	..	..	62143	..

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
2017											
Primary production	30603	..	..	..	..	403832	242752	70596	4833	752616	460598
Imports	105900	7472	532088	221809	80189	5937	..	79934	..	1033329	5937
Exports	..	-3965	..	-392575	..	-1168	..	-6404	..	-404112	-1168
International marine bunkers	..	..	..	-14645	-194	..	..	..	..	-14839	..
International aviation bunkers	..	..	..	-29018	..	..	..	..	..	-29018	..
Stock changes	34709	-1341	5802	7145	900	..	..	..	..	47215	..
Total energy supply	171213	2166	537890	-207284	80896	408601	242752	144126	4833	1385192	465367
Statistical difference	160	0	-1353	-15440	-840	4	0	-14	26	-17456	70600
Transfers	..	..	86233	-86190	..	..	..	..	..	43	..
Transformation	-156775	17976	-625475	626699	-47538	*-164082	-242752	170957	185781	-235208	*-152799
Electricity plants	-16567	-5466	..	-700	-148	*-12041	-242752	94424	-1887	-185135	*-11548
CHP plants	-88945	-946	..	-4731	-28077	*-113973	..	78059	119935	-38679	*-104404
Heat plants	-11920	-382	..	-5243	-8299	*-37708	..	-1526	67733	2655	*-36487
Coke ovens	-31618	34520	..	..	..	..	..	..	..	2902	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	7488	..	..	..	..	..	..	7488	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-7698	-7505	..	..	..	..	..	..	..	-15203	..
NGL plants & gas blending	..	..	..	..	360	-360	..	..	..	0	-360
Oil refineries	..	..	-632963	637948	..	..	..	..	..	4985	..
Other transformation	-27	-2245	..	-575	-11374	..	..	..	..	-14221	..
Energy industries own use	..	-8285	..	-27608	-3115	-932	..	-13392	-5477	-58808	-932
Losses	..	-2183	..	-891	-296	..	..	-9965	-16756	-30091	..
Final consumption	14278	9675	..	320166	30786	*243584	..	291740	168355	1078584	*241037
Final energy consumption	14278	9675	..	263137	26523	*243584	..	291740	168355	1017292	*241037
Manufacturing, const., mining	11877	9675	..	52294	23796	*164747	..	138802	52806	453995	*162124
Iron and steel	1172	7824	..	4947	2320	*2	..	15199	3673	35137	*2
Chemical and petrochemical	..	..	..	12334	1428	804	..	16610	11110	42286	*305
Non-ferrous metals	37	234	..	1080	47	..	..	6822	1984	10204	..
Non-metallic minerals	1928	1587	..	3780	1062	1918	..	2952	540	13767	1072
Transport equipment	..	..	..	436	24	..	..	1174	961	2595	..
Machinery	..	..	..	1244	187	*48	..	7769	3597	12845	*48
Mining and quarrying	..	..	..	1264	4	7	..	5245	224	6744	7
Food and tobacco	453	29	..	1987	697	*341	..	6955	6934	17396	*341
Paper, pulp and printing	8228	..	..	6253	17577	*151459	..	64634	13516	*261667	*150242
Wood and wood products	50	..	..	431	1	9936	..	5825	8164	24406	9936
Textile and leather	..	..	..	81	152	..	..	392	298	923	..
Construction	..	..	..	14537	..	..	..	1620	..	16157	..
Industries n.e.s	10	0	..	3920	297	*232	..	3604	1805	9867	*171
Transport	..	..	..	161310	366	14297	..	2783	..	178756	14297
Road	..	..	..	152320	190	14216	..	76	..	166801	14216
Rail	..	..	..	860	..	..	..	2707	..	3567	..
Domestic aviation	..	..	..	2734	..	..	..	..	..	2734	..
Domestic navigation	..	..	..	5396	..	80	..	..	..	5477	80
Pipeline transport	..	..	..	..	50	..	..	..	..	50	..
Transport, n.e.s	..	..	..	..	126	..	..	..	..	126	..
Other	2401	..	..	49533	2361	*64541	..	150156	115549	384540	*64616
Agriculture, forestry, fishing	2153	..	..	15970	43	*7097	..	5562	561	31387	*7097
Commerce, public services	99	..	..	11184	1220	*4017	..	63547	42847	122913	*4017
Households	149	..	..	15144	1098	*53427	..	81047	69591	220455	*53502
Other consumers	..	..	..	7235	..	..	..	..	2550	9785	..
Non-energy use	..	..	..	57029	4263	..	..	..	..	61292	..

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	712375	4354506	329288	20915	5457622	1000593
Imports	348970	12032	2360741	1789746	1726403	37281	..	71651	..	6346825	37281
Exports	0	-2324	-1260	-879494	-139685	-8532	..	-221054	..	-1252350	-8532
International marine bunkers	..	..	..	-62246	..	..	..	..	..	-62246	..
International aviation bunkers	..	..	..	-270421	..	..	..	..	..	-270421	..
Stock changes	28768	-2548	34871	-781	15606	-1000	..	..	..	74916	-1000
Total energy supply	377737	7160	2434137	576804	1603078	740123	4354506	179885	20915	10294346	1028341
Statistical difference	26714	-987	-167	27797	2	-604	0	30294	-1	83047	333431
Transfers	..	..	101288	-93511	..	..	..	..	..	7777	..
Transformation	-283462	70134	-2535592	2485314	-271474	-217412	-4354506	1684642	160613	-3261744	-170077
Electricity plants	-97918	-23874	..	-59910	-149713	-58688	-4354506	1613779	-3492	-3134322	-39102
CHP plants	-11276	-226	..	-11336	-92434	-117279	..	71384	96070	-65096	-91882
Heat plants	-9369	..	..	-1149	-30024	*-40748	..	-522	68035	-13777	*-38396
Coke ovens	-120027	114276	..	..	..	..	..	..	..	-5751	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-44872	-27015	..	..	..	..	..	..	..	-71887	..
NGL plants & gas blending	..	..	0	..	697	-697	..	..	..	0	-697
Oil refineries	..	..	-2535592	2559084	..	..	..	..	..	23492	..
Other transformation	..	6973	..	-1375	..	..	..	..	..	5598	..
Energy industries own use	..	-38333	..	-74042	-45680	-3419	..	-117266	-6	-278746	-1766
Losses	..	..	..	..	-18568	..	..	-134921	-32892	-186381	..
Final consumption	67561	39948	..	2866768	1267355	*519896	..	1582045	148631	6492205	*523067
Final energy consumption	58911	36000	..	2357613	1218464	*519896	..	1582045	148631	5921560	*523067
Manufacturing, const., mining	56258	35072	..	115240	422958	*68351	..	425754	49159	1172791	*68314
Iron and steel	22099	30800	..	1831	30608	*7	..	43358	..	128704	*7
Chemical and petrochemical	14271	533	..	8240	84115	*6129	..	70056	..	183344	*6126
Non-ferrous metals	83	..	..	471	14094	..	..	31820	..	46469	..
Non-metallic minerals	10130	1356	..	33520	67615	*6295	..	29419	..	148336	*6295
Transport equipment	..	252	..	1047	17601	295	..	26273	..	45468	295
Machinery	28	728	..	4997	28495	*147	..	46872	..	81267	*147
Mining and quarrying	..	..	..	8105	1895	487	..	5735	..	16221	487
Food and tobacco	8928	1404	..	10531	105128	*7525	..	75179	..	208695	*7516
Paper, pulp and printing	719	..	..	2351	37733	*31971	..	28138	..	100911	*31954
Wood and wood products	..	..	..	1132	1974	*13958	..	7913	..	*24976	*13958
Textile and leather	..	..	..	753	6142	*8	..	5900	..	12803	*8
Construction	..	..	..	38055	15419	80	..	24714	..	78268	53
Industries n.e.s	0	0	..	4208	12139	*1448	..	30377	49159	97331	*1467
Transport	..	..	..	1758823	3405	126852	..	38884	..	1927962	126852
Road	..	..	..	1698579	2643	126852	..	572	..	1828646	126852
Rail	..	..	..	5633	..	..	..	34891	..	40524	..
Domestic aviation	..	..	..	34137	..	..	..	..	..	34137	..
Domestic navigation	..	..	..	20474	..	..	..	..	..	20474	..
Pipeline transport	..	..	..	..	761	..	..	2549	..	3310	..
Transport, n.e.s	..	..	..	..	..	..	..	871	..	871	..
Other	2653	928	..	483550	792102	*324694	..	1117408	99472	2820806	*327902
Agriculture, forestry, fishing	55	32	..	125871	8726	*6185	..	31745	1439	174054	*7234
Commerce, public services	1631	256	..	111451	294652	27319	..	503230	35712	974250	23124
Households	967	640	..	227604	488723	*291190	..	580190	62321	1651636	*297544
Other consumers	..	..	..	18625	..	..	..	2243	..	20868	..
Non-energy use	8650	3948	..	509156	48891	..	..	..	..	570645	..

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
2017											
Primary production	..	..	38903	..	592	716683	4302277	305208	24594	5388258	984043
Imports	406735	15628	2444491	1767434	1806840	42746	..	76082	..	6559958	42746
Exports	..	-168	-4364	-866660	-227027	-13558	..	-220493	..	-1332269	-13558
International marine bunkers	..	..	..	-69811	..	..	..	..	..	-69811	..
International aviation bunkers	..	..	..	-275890	..	..	..	..	..	-275890	..
Stock changes	-2799	-6132	-15286	1066	31160	-274	..	..	..	7735	-274
Total energy supply	403937	9328	2463744	556140	1611565	745597	4302277	160798	24594	10277980	1012957
Statistical difference	12597	-1307	4651	10642	4	-300	0	30910	0	57197	310830
Transfers	..	..	73611	-65734	..	..	..	..	..	7877	..
Transformation	-316130	74609	-2532704	2489985	-303967	-224208	-4302277	1699510	161776	-3253406	-177830
Electricity plants	-122626	-25795	..	-57115	-180817	-53903	-4302277	1624601	-4824	-3122757	-36305
CHP plants	-11101	-212	..	-12596	-97025	-126806	..	75438	100781	-71521	-99102
Heat plants	-8326	..	..	-1039	-27441	*-42184	..	-529	65819	-13699	*-41108
Coke ovens	-122899	118797	..	..	..	..	..	..	..	-4102	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-51178	-25239	..	..	..	..	..	..	..	-76417	..
NGL plants & gas blending	..	..	..	..	1316	-1315	..	..	..	1	-1315
Oil refineries	..	..	-2532704	2562081	..	..	..	..	..	29377	..
Other transformation	..	7058	..	-1346	..	..	..	..	..	5712	..
Energy industries own use	..	-40453	..	-71006	-42426	-3147	..	-117734	0	-274766	-1654
Losses	..	..	..	..	-18265	..	..	-138956	-23680	-180901	..
Final consumption	75209	44792	..	2898743	1246904	518541	..	1572707	162690	6519586	522643
Final energy consumption	67809	40648	..	2357701	1200409	518541	..	1572707	162690	5920505	522643
Manufacturing, const., mining	65360	39784	..	104498	408006	*68646	..	424980	61668	1172941	*68518
Iron and steel	30082	35857	..	2137	32363	*15	..	41882	..	142336	*15
Chemical and petrochemical	15498	421	..	4685	78966	*2995	..	71388	..	173954	*2989
Non-ferrous metals	..	..	..	421	14079	..	..	32159	..	46659	..
Non-metallic minerals	7853	1401	..	26537	70728	*5185	..	29621	..	141325	*5185
Transport equipment	..	196	..	1094	17951	*278	..	25963	..	45482	*278
Machinery	54	784	..	4902	25999	*147	..	46800	..	78687	*147
Mining and quarrying	..	..	..	8106	1539	438	..	5868	..	15951	438
Food and tobacco	11301	1124	..	9058	98032	*9905	..	75233	..	204653	*9903
Paper, pulp and printing	571	..	..	1645	35460	*35306	..	27450	..	100432	*35188
Wood and wood products	..	..	..	1398	2321	*13130	..	7952	..	*24802	*13130
Textile and leather	..	..	..	713	6990	*12	..	5861	..	13576	*12
Construction	..	..	..	39345	12650	71	..	24473	..	76539	47
Industries n.e.s	0	0	..	4457	10928	*1163	..	30330	61668	108546	*1185
Transport	..	..	..	1765339	3864	135416	..	39107	..	1943725	135416
Road	..	..	..	1704735	3015	135416	..	752	..	1843918	135416
Rail	..	..	..	5977	..	..	..	34844	..	40821	..
Domestic aviation	..	..	..	34534	..	..	..	..	..	34534	..
Domestic navigation	..	..	..	20093	..	..	..	..	..	20093	..
Pipeline transport	..	..	..	..	849	..	..	2830	..	3678	..
Transport, n.e.s	..	..	..	..	..	..	..	680	..	680	..
Other	2449	864	..	487864	788540	314480	..	1108620	101022	2803838	318710
Agriculture, forestry, fishing	54	32	..	126430	8735	*6427	..	31795	1395	174868	*7478
Commerce, public services	1496	224	..	116530	305038	27967	..	501530	37278	990064	24559
Households	898	608	..	226570	474767	280086	..	573145	62349	1618423	286673
Other consumers	..	..	..	18334	..	..	..	2149	..	20483	..
Non-energy use	7401	4144	..	541042	46495	..	..	..	..	599082	..

French Polynesia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	42	..	*877	*919	*919
Imports	..	13335	..	0	4	..	13339	4
Exports
International marine bunkers	..	*-2485	..	..	..	..	*-2485	..
International aviation bunkers	..	*-485	..	..	..	..	*-485	..
Stock changes
Total energy supply	..	10365	..	42	4	*877	11288	*923
Statistical Difference	..	525	..	0	0	*40	*566	*877
Transfers
Transformation	..	*-4463	..	*-29	16	*1422	*-3054	*-13
Electricity plants	..	*-4463	..	..	..	*1422	*-3041	..
Charcoal plants	*-29	16	..	*-13	*-13
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-162	*-162	..
Final consumption	..	*5377	..	*13	*20	*2097	*7506	*33
Final energy consumption	..	*5264	..	*13	*20	*2097	*7394	*33
Manufacturing, const., mining
Transport	..	*4908	..	..	..	..	*4908	..
Road	..	*2166	..	..	..	..	*2166	..
Domestic aviation	..	*177	..	..	..	..	*177	..
Domestic navigation	..	*1454	..	..	..	..	*1454	..
Other transport	..	*1111	..	..	..	..	*1111	..
Other	..	*357	..	*13	*20	*2097	*2486	*33
Agriculture, forestry, fishing
Commerce and public services	*788	*788	..
Households	..	*357	..	*13	*20	*1309	*1698	*33
Other consumers
Non-energy use	..	*113	..	..	..	..	*113	..
2017								
Primary production	42	..	*846	*888	*888
Imports	..	13620	..	0	4	..	13625	4
Exports
International marine bunkers	..	*-2603	..	..	..	..	*-2603	..
International aviation bunkers	..	*-494	..	..	..	..	*-494	..
Stock changes
Total energy supply	..	10524	..	42	4	*846	11416	*892
Statistical Difference	..	444	..	0	0	0	*444	*846
Transfers
Transformation	..	*-4561	..	*-29	16	*1436	*-3139	*-14
Electricity plants	..	*-4561	..	..	..	*1436	*-3125	..
Charcoal plants	*-29	16	..	*-14	*-14
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*4	*-4	..
Losses	*-140	*-140	..
Final consumption	..	*5519	..	*13	*20	*2138	*7689	*33
Final energy consumption	..	*5402	..	*13	*20	*2138	*7572	*33
Manufacturing, const., mining
Transport	..	*5031	..	..	..	..	*5031	..
Road	..	*2234	..	..	..	..	*2234	..
Domestic aviation	..	*185	..	..	..	..	*185	..
Domestic navigation	..	*1471	..	..	..	..	*1471	..
Other transport	..	*1141	..	..	..	..	*1141	..
Other	..	*371	..	*13	*20	*2138	*2542	*33
Agriculture, forestry, fishing
Commerce and public services	*803	*803	..
Households	..	*371	..	*13	*20	*1334	*1739	*33
Other consumers
Non-energy use	..	*117	..	..	..	..	*117	..

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	21738	..	..	..	1238	..	22977	..
Exports	-446730	-10032	..	..	..	..	..	-456762	..
International marine bunkers	-7545	..	..	..	..	..	-7545	..
International aviation bunkers	-2826	..	..	..	..	..	-2826	..
Stock changes
Total energy supply	34052	1336	18698	*54261	..	4676	..	113023	*57699
Statistical difference	0	0	4263	0	..	0	..	4263	*3438
Transfers
Transformation	-34052	31121	-13527	*-904	..	4972	..	-12390	*-904
Electricity plants	-2623	-13527	-332	..	4972	..	-11510	-332
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	32457	104	*53357	..	7258	..	*93176	*53357
Final energy consumption	31975	104	*53357	..	7258	..	*92694	*53357
Manufacturing, const., mining	15652	104	*10608	..	1966	..	28330	*10608
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	*9903	..	72	..	25627	*9903
Transport	11247	..	..	..	29	..	11276	..
Road	11115	..	..	..	..	..	11115	..
Rail	29	..	29	..
Domestic aviation	132	..	..	..	..	..	132	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	5075	..	*42749	..	5263	..	*53087	*42749
Agriculture, forestry, fishing	688	..	..	..	..	..	688	..
Commerce, public services	1677	..	..	..	1094	..	2771	..
Households	2710	..	*42749	..	3773	..	*49232	*42749
Other consumers	396	..	396	..
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
2017											
Primary production	422408	..	13809	*55033	..	3226	..	494475	*58258
Imports	21396	..	..	..	1246	..	22641	..
Exports	-388356	-10557	..	..	..	..	..	-398913	..
International marine bunkers	-6550	..	..	..	..	..	-6550	..
International aviation bunkers	-2870	..	..	..	..	..	-2870	..
Stock changes
Total energy supply	34052	1419	13809	*55033	..	4471	..	108783	*58258
Statistical difference	0	43	-693	0	..	-4	..	-654	*3226
Transfers
Transformation	-34052	31121	-13594	*-914	..	4997	..	-12441	*-914
Electricity plants	-2623	-13594	-334	..	4997	..	-11554	-334
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	*-580	..	..	..	*-580	*-580
Energy industries own use	-804	..	..	-536	..	-1340	..
Losses	-1642	..	-1642	..
Final consumption	32497	104	*54118	..	7294	..	*94014	*54118
Final energy consumption	32015	104	*54118	..	7294	..	*93531	*54118
Manufacturing, const., mining	15693	104	*11535	..	1973	..	29305	*11535
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	*618	..	562	..	*1230	*618
Paper, pulp and printing
Wood and wood products	54	..	..	716	..	770	..
Textile and leather	7	..	7	..
Construction	324	..	324	..
Industries n.e.s	15693	0	*10917	..	72	..	26682	*10917
Transport	11247	..	..	..	29	..	11276	..
Road	11115	..	..	..	..	..	11115	..
Rail	29	..	29	..
Domestic aviation	132	..	..	..	..	..	132	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	5075	..	*42584	..	5292	..	*52951	*42584
Agriculture, forestry, fishing	688	..	..	..	..	..	688	..
Commerce, public services	1677	..	..	..	1102	..	2779	..
Households	2710	..	*42584	..	3791	..	*49085	*42584
Other consumers	400	..	400	..
Non-energy use	482	..	..	..	..	..	482	..

Gambia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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
2017								
Primary production	6921	..	..	6921	6921
Imports	..	*8006	*96	83	22	..	*8207	105
Exports	..	*-87	..	-5	-83	..	-175	-88
International marine bunkers
International aviation bunkers	..	*-626	..	..	..	..	*-626	..
Stock changes
Total energy supply	..	*7293	*96	6999	-61	..	*14327	6938
Statistical Difference	..	0	0	0	0	*25	*25	0
Transfers
Transformation	..	*-3188	..	*-3731	2008	*1159	*-3751	*-1723
Electricity plants	..	*-3188	..	..	..	*1159	*-2028	..
Charcoal plants	*-3731	2008	..	*-1723	*-1723
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-43	*-43	..
Losses	*-245	*-245	..
Final consumption	..	*4105	*96	*3268	*1947	*846	*10262	*5215
Final energy consumption	..	*4105	*96	*3268	*1947	*846	*10262	*5215
Manufacturing, const., mining	..	*1959	..	..	..	*144	*2103	..
Transport	..	*1125	..	..	..	..	*1125	..
Road	..	*1125	..	..	..	..	*1125	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*1020	*96	*3268	*1947	*702	*7033	*5215
Agriculture, forestry, fishing
Commerce and public services
Households	*3268	*1947	..	*5215	*5215
Other consumers	..	*1020	*96	..	..	*702	*1819	..
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
2016											
Primary production	5041	..	1633	..	231	18972	..	33618	769	60262	53358
Imports	2615	4320	1806	64676	78935	0	..	4783	..	157135	0
Exports	-26	0	-766	-5066	0	-64	..	-5071	..	-10992	-64
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-3109	..	..	..	..	..	-3109	..
Stock changes	-378	-607	17	1160	..	..	..	..	..	192	..
Total energy supply	7252	3714	2690	57660	79166	18908	..	33329	769	203488	53294
Statistical difference	-6	10	-216	-6	0	0	..	0	0	-218	33618
Transfers	..	..	-1806	1979	..	..	..	..	..	173	..
Transformation	-451	..	-1100	1046	-18256	..	..	8048	0	-10712	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	..	..	-1100	1046	..	..	..	..	..	-54	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	-19	..	..	..	0	..	..	-804	0	-823	..
Losses	..	..	..	..	-4767	..	..	-2821	0	-7588	..
Final consumption	6789	3704	..	60691	56144	18908	..	37751	769	184756	19677
Final energy consumption	6789	3704	..	55355	48360	18908	..	37751	769	171635	19677
Manufacturing, const., mining	6714	3704	..	3249	4039	74	..	10446	0	28226	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	..	..	1147	0	9151	..
Transport equipment	..	..	..	..	14	..	..	12	..	26	..
Machinery	..	..	..	..	4	..	..	17	..	20	..
Mining and quarrying	0	..	..	688	70	..	..	472	..	1230	..
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	..	..	..	2545	508	0	..	475	..	3527	0
Industries n.e.s	10	2	..	0	42	0	..	1344	0	1398	0
Transport	..	..	..	50267	9660	..	..	1082	..	61009	..
Road	..	..	..	49725	9660	..	..	..	..	59385	..
Rail	..	..	..	450	..	..	..	1082	..	1532	..
Domestic aviation	..	..	..	49	..	..	..	..	..	49	..
Domestic navigation	..	..	..	43	..	..	..	..	..	43	..
Pipeline transport	..	..	..	..	0	..	..	..	..	0	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	75	..	..	1839	34660	18834	..	26224	769	82401	19603
Agriculture, forestry, fishing	17	..	..	638	367	0	..	189	37	1248	37
Commerce, public services	22	..	..	459	6678	209	..	10375	478	18221	687
Households	36	..	..	743	27615	18625	..	8723	253	55995	18878
Other consumers	0	..	..	0	..	0	..	6937	0	6937	0
Non-energy use	..	..	..	5336	7784	..	..	..	..	13120	..

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
2017											
Primary production	4558	..	1354	..	298	17864	..	33474	786	58332	52124
Imports	4113	3974	2521	62207	81739	..	..	6304	..	160859	..
Exports	-38	-376	-313	*-7235	..	-78	..	-3383	..	*-11423	-78
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-4194	..	..	..	..	..	-4194	..
Stock changes	-486	519	199	487	..	..	..	..	..	719	..
Total energy supply	8146	4117	3760	51265	82037	17787	..	36395	786	204293	52046
Statistical difference	0	20	182	-8	0	0	..	0	0	194	33474
Transfers	..	..	-2521	*2722	..	..	..	..	..	*201	..
Transformation	-634	..	-1058	1008	-18235	..	..	8039	..	-10880	..
Electricity plants	-634	..	..	..	-18235	..	..	8039	..	-10830	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-1058	1008	..	..	..	..	..	-50	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	-15	..	..	..	..	..	..	-830	..	-845	..
Losses	..	..	..	..	-3343	..	..	-3253	..	-6596	..
Final consumption	7497	4098	..	55003	60459	17787	..	40351	786	185979	18572
Final energy consumption	7497	4098	..	49930	51867	17787	..	40351	786	172314	18572
Manufacturing, const., mining	7443	4098	..	3479	4851	54	..	11860	..	31785	54
Iron and steel	38	4098	..	4	571	..	..	6625	..	11336	..
Chemical and petrochemical	..	..	..	..	200	..	..	1021	..	1220	..
Non-ferrous metals	..	..	..	..	..	..	..	0	..	0	..
Non-metallic minerals	7242	..	..	23	1362	1	..	1060	..	9688	1
Transport equipment	..	..	..	..	4	..	..	8	..	11	..
Machinery	..	..	..	..	4	..	..	21	..	24	..
Mining and quarrying	..	..	..	774	32	..	..	453	..	1258	..
Food and tobacco	144	..	..	20	1725	51	..	893	..	2834	51
Paper, pulp and printing	..	..	..	..	63	..	..	61	..	124	..
Wood and wood products	..	..	..	..	24	1	..	28	..	54	1
Textile and leather	..	..	..	..	49	..	..	63	..	112	..
Construction	..	..	..	2657	742	1	..	524	..	3924	1
Industries n.e.s	20	0	..	0	77	0	..	1103	..	1200	0
Transport	..	..	..	44839	8785	..	..	1211	..	54835	..
Road	..	..	..	44276	8785	..	..	..	..	53061	..
Rail	..	..	..	455	..	..	..	1211	..	1666	..
Domestic aviation	..	..	..	26	..	..	..	..	..	26	..
Domestic navigation	..	..	..	82	..	..	..	..	..	82	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	53	..	..	1612	38231	17733	..	27279	786	85693	18518
Agriculture, forestry, fishing	10	..	..	551	437	1	..	226	38	1264	39
Commerce, public services	21	..	..	413	6853	181	..	10987	483	18938	664
Households	22	..	..	648	30940	17551	..	8859	265	58285	17815
Other consumers	..	..	..	..	..	..	..	7206	..	7206	..
Non-energy use	..	..	..	5073	8592	..	..	..	..	13665	..

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	..	150606	..	274274	1307639	914047	494075	39373	4843219	1652117
Imports	1587526	73138	3878326	1668097	3416958	36945	..	102017	..	10763006	36945
Exports	-8096	-50088	-4293	-958589	-809229	-59820	..	-283907	-130	-2174153	-59820
International marine bunkers	..	..	..	-117939	..	..	..	..	..	-117939	..
International aviation bunkers	..	..	..	-371719	..	..	..	..	..	-371719	..
Stock changes	-35865	1071	32346	-31396	62586	..	..	..	..	28743	..
Total energy supply	3206770	24121	4056985	188454	2944589	1284763	914047	312185	39243	12971157	1629241
Statistical difference	-7615	38416	-468	4454	-141241	-54	0	0	0	-106507	495454
Transfers	..	..	304101	-272809	..	..	..	..	..	31293	..
Transformation	-3111549	268474	-4361554	4256427	-728816	-648798	-914047	1822637	461359	-2955867	-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	-116746	137531	..	..	..	..	..	..	..	20785	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-133544	-112126	..	-1374	..	..	..	..	..	-247043	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-4361554	4336323	..	..	..	..	..	-25231	..
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	..

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
2017											
Primary production	1651374	..	147776	..	252419	1290923	824299	594878	38985	4800654	1735794
Imports	1345650	69594	3856819	1768937	4008494	43641	..	100231	..	11193365	43641
Exports	-6454	-55444	..	-989092	-1126265	-57885	..	-289084	-124	-2524347	-57885
International marine bunkers	..	..	..	-95969	..	..	..	..	..	-95969	..
International aviation bunkers	..	..	..	-410968	..	..	..	..	..	-410968	..
Stock changes	-16964	-860	10584	23291	19715	..	..	..	..	35767	..
Total energy supply	2973607	13290	4015178	296200	3154363	1276679	824299	406026	38861	12998503	1721549
Statistical difference	14094	23935	340	-4993	12620	27	0	0	0	46023	596140
Transfers	..	..	394958	-362322	..	..	..	..	..	32635	..
Transformation	-2862223	262439	-4409796	4303259	-766636	-640163	-824299	1736953	462645	-2737821	-504264
Electricity plants	-2010580	-85731	..	-34876	-144441	-212407	-824299	1257894	-5868	-2060308	-170417
CHP plants	-259332	-36853	..	-17537	-530301	-367509	..	479059	340265	-392207	-295520
Heat plants	-12587	-2316	..	-4958	-91895	-58449	..	..	128248	-41956	-36529
Coke ovens	-334656	337125	..	-16965	..	..	..	..	..	-14496	..
Briquetting plants	-112796	141180	..	..	..	..	..	..	..	28385	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-132273	-114256	..	-1131	..	..	..	..	..	-247661	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-4409796	4386706	..	..	..	..	..	-23090	..
Other transformation	..	23289	..	-7980	..	*-413	..	..	..	14896	*-413
Energy industries own use	-6339	-28283	..	-230139	-57558	-22605	..	-177440	-14168	-536532	-22605
Losses	..	-23600	..	..	..	-2731	..	-97286	-44912	-168529	-2731
Final consumption	90950	199911	..	4011990	2317550	*611153	..	1868252	442426	9542231	*595809
Final energy consumption	90019	183719	..	3166501	2209442	*611153	..	1868252	442426	8571512	*595809
Manufacturing, const., mining	86641	164739	..	91257	852460	*139091	..	821128	172093	2327409	*91919
Iron and steel	28289	98162	..	1277	93811	1	..	96102	1283	318924	1
Chemical and petrochemical	28437	5165	..	46364	245610	11821	..	195188	99041	631625	1889
Non-ferrous metals	644	487	..	2575	34952	279	..	58594	925	98454	11
Non-metallic minerals	10752	46232	..	14122	106295	47448	..	45904	732	271485	13853
Transport equipment	6623	1734	..	1690	39127	33	..	64012	12591	125810	31
Machinery	1260	745	..	9788	75497	359	..	122069	10825	220541	285
Mining and quarrying	27	2422	..	1350	4273	63	..	6365	129	14629	63
Food and tobacco	4094	3939	..	6459	118075	777	..	67100	10912	211355	777
Paper, pulp and printing	6355	5834	..	1575	87099	7262	..	77062	25839	211026	3978
Wood and wood products	..	..	..	647	5749	64	..	17341	2675	26477	50
Textile and leather	161	..	..	821	10170	..	..	7841	653	19646	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	0	20	..	4592	31803	*70983	..	63551	6488	177437	*70980
Transport	..	..	..	2297738	19133	108556	..	43045	..	2468473	108556
Road	..	..	..	2240943	5989	107968	..	565	..	2355465	107968
Rail	..	..	..	11537	..	589	..	42480	..	54606	589
Domestic aviation	..	..	..	29064	..	..	..	..	..	29064	..
Domestic navigation	..	..	..	10234	..	..	..	..	..	10234	..
Pipeline transport	..	..	..	..	13145	..	..	..	..	13145	..
Transport, n.e.s	..	..	..	5960	..	..	..	..	..	5960	..
Other	3379	18980	..	777506	1337848	*363505	..	1004080	270333	3775630	*395333
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..	..	..	..
Commerce, public services	697	..	..	295609	433574	*112839	..	542560	56629	1441907	*116486
Households	2681	18980	..	478204	904274	*250666	..	461520	213704	2330030	*278847
Other consumers	..	..	..	3693	..	..	..	..	..	3693	..
Non-energy use	931	16191	..	845489	108108	..	..	..	..	970720	..

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	160918	3801	..	..	2682	..	228566	..
Exports	-180706	-23353	..	-80	..	-673	..	-204812	-80
International marine bunkers	-103	..	..	..	..	..	-103	..
International aviation bunkers	-5602	..	..	..	..	..	-5602	..
Stock changes	-14382	0	..	..	..	..	..	-14382	..
Total energy supply	61250	131859	25916	98828	..	22126	..	339979	118945
Statistical difference	-2073	1626	6242	-3	..	1159	..	6952	20114
Transfers
Transformation	-57909	15690	-19492	-12582	..	27414	..	-46879	-12582
Electricity plants	-25380	-16790	-19492	..	..	27414	..	-34248	..
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	..	..	..	-256	..	-6336	..
Losses	-2030	..	..	..	..	-6642	..	-8672	..
Final consumption	*143226	182	86249	..	41483	..	271140	86249
Final energy consumption	*140492	182	86249	..	41483	..	268407	86249
Manufacturing, const., mining	16347	182	6049	..	11117	..	33695	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	..	11117	..	33695	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	..	30344	..	124877	80200
Agriculture, forestry, fishing	5871	..	..	..	11	..	5881	..
Commerce, public services	615	..	4181	..	9263	..	14059	4181
Households	7847	..	76018	..	21071	..	104936	76018
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
2017											
Primary production	359424	..	32046	107237	..	20318	..	519026	127555
Imports	9856	165672	11122	..	..	1152	..	187802	..
Exports	-344364	-20395	..	-12	..	-965	..	-365736	-12
International marine bunkers	-3823	..	..	..	..	..	-3823	..
International aviation bunkers	-7058	..	..	..	..	..	-7058	..
Stock changes	-12944	-2608	..	..	..	..	..	-15552	..
Total energy supply	11972	131789	43168	107225	..	20506	..	314660	127543
Statistical difference	-6260	-11787	-5556	32	..	32	..	-23538	20351
Transfers
Transformation	-16414	-4060	-39165	-18133	..	30974	..	-46797	-18133
Electricity plants	-10448	-10147	-39165	..	..	30974	..	-28786	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-4950	5392	..	..	..	..	..	442	..
Oil refineries	-1015	695	..	..	..	..	..	-320	..
Other transformation	-18133	..	..	..	-18133	-18133
Energy industries own use	-169	-3259	-8473	..	..	-904	..	-12805	..
Losses	-1650	..	..	..	..	-6912	..	-8562	..
Final consumption	136256	1086	89060	..	43632	..	270034	89060
Final energy consumption	133002	1086	89060	..	43632	..	266780	89060
Manufacturing, const., mining	12316	1086	5479	..	11081	..	29961	5479
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	12316	1086	5479	..	11081	..	29961	5479
Transport	106073	..	..	..	22	..	106095	..
Road	101067	..	..	..	..	..	101067	..
Rail	*1557	..	..	..	..	..	*1557	..
Domestic aviation	736	..	..	..	..	..	736	..
Domestic navigation	*2713	..	..	..	..	..	*2713	..
Pipeline transport	22	..	22	..
Transport, n.e.s
Other	14613	..	83581	..	32530	..	130723	83581
Agriculture, forestry, fishing	6198	..	..	..	14	..	6212	..
Commerce, public services	700	..	4680	..	10174	..	15554	4680
Households	7714	..	78901	..	22342	..	108957	78901
Other consumers
Non-energy use	*3254	..	..	..	..	..	*3254	..

Gibraltar

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	..
2017								
Primary production
Imports	..	184768	..	1	0	..	184769	1
Exports
International marine bunkers	..	-173733	..	..	..	..	-173733	..
International aviation bunkers	..	-353	..	..	..	..	-353	..
Stock changes
Total energy supply	..	10683	..	1	0	..	10683	1
Statistical Difference	..	0	..	0	0	4	4	0
Transfers
Transformation	..	-2707	..	..	..	986	-1720	..
Electricity plants	..	-2707	..	..	..	986	-1720	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-18	-18	..
Losses	-29	-29	..
Final consumption	..	7976	..	*1	0	936	8912	*1
Final energy consumption	..	6890	..	*1	0	936	7827	*1
Manufacturing, const., mining
Transport	..	6890	..	..	..	..	6890	..
Road	..	6890	..	..	..	..	6890	..
Domestic aviation
Domestic navigation
Other transport
Other	*1	0	936	937	*1
Agriculture, forestry, fishing
Commerce and public services	0	65	65	0
Households	*1	..	..	*1	*1
Other consumers	871	871	..
Non-energy use	..	1085	..	..	..	..	1085	..

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	..	6716	..	401	45756	..	52628	8807	280631	104674
Imports	7969	..	982916	371746	144965	5932	..	35399	..	1548927	5932
Exports	..	..	-5994	-770048	..	-246	..	-3733	..	-780021	-246
International marine bunkers	..	..	..	-72673	..	..	..	..	..	-72673	..
International aviation bunkers	..	..	..	-37750	..	..	..	..	..	-37750	..
Stock changes	8649	..	-11215	-4474	742	-147	..	..	..	-6445	-147
Total energy supply	182942	..	972423	-513199	146108	51295	..	84294	8807	932669	110213
Statistical difference	490	..	8330	-2841	1640	-52	..	0	0	7567	52577
Transfers	..	..	282946	-281834	..	..	..	..	..	1112	..
Transformation	-174176	..	-1247039	1236080	-93499	-5219	..	143273	2134	-138446	-3855
Electricity plants	-95988	..	..	-37259	-86377	-511	..	109184	..	-110950	-511
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	..	..	-1247039	1290724	..	..	..	..	..	43684	..
Other transformation	..	..	..	-33	..	*-94	..	..	..	*-126	*-94
Energy industries own use	..	..	..	-59145	-595	-43	..	-21215	0	-80998	-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	0	..	544	..	1246	0
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	..	..	..	0	..	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	0	37	..	155	..	10213	37
Non-energy use	..	..	..	18911	6128	..	..	..	..	25039	..

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
2017											
Primary production	191221	..	5418	..	380	44005	..	48568	11735	301327	104308
Imports	9573	..	991845	392634	176895	5909	..	31306	..	1608162	5909
Exports	..	..	-6716	-806418	..	*-546	..	-8852	..	-822531	*-546
International marine bunkers	..	..	..	-90207	..	..	..	..	..	-90207	..
International aviation bunkers	..	..	..	-42336	..	..	..	..	..	-42336	..
Stock changes	857	..	14897	-3280	-1275	-37	..	..	..	11163	-37
Total energy supply	201651	..	1005446	-549606	176000	49331	..	71021	11735	965577	109634
Statistical difference	890	..	5977	2293	1311	-51	..	-7	0	10414	48517
Transfers	..	..	311331	-311082	..	..	..	..	..	250	..
Transformation	-192614	..	-1310799	1297674	-109465	-3892	..	150113	2137	-166846	-3892
Electricity plants	-114243	..	..	-49730	-100892	-687	..	115744	..	-149808	-687
CHP plants	-78372	..	..	-7707	-8573	-3169	..	34369	2137	-61315	-3169
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-1310799	1355112	..	..	..	..	..	44313	..
Other transformation	..	..	..	0	..	*-36	..	..	..	*-36	*-36
Energy industries own use	..	..	..	-61493	-528	-43	..	-22878	0	-84942	-43
Losses	..	..	..	..	-394	..	..	-3967	..	-4361	..
Final consumption	8146	..	..	373201	64301	45448	..	194296	13872	699263	57183
Final energy consumption	8146	..	..	353674	49408	45448	..	194296	13872	664843	57183
Manufacturing, const., mining	7923	..	..	44961	27446	*5601	..	44230	67	130228	*5668
Iron and steel	..	..	..	703	1170	..	..	3604	..	5477	..
Chemical and petrochemical	..	..	..	881	1775	0	..	2408	..	5064	..
Non-ferrous metals	6386	..	..	310	13203	..	..	16456	..	36355	..
Non-metallic minerals	1537	..	..	22811	689	*137	..	3643	..	28816	*137
Transport equipment	..	..	..	606	..	0	..	191	..	797	0
Machinery	..	..	..	439	118	0	..	1530	..	2087	0
Mining and quarrying	..	..	..	3658	..	0	..	227	..	3884	0
Food and tobacco	..	..	..	6871	2523	4721	..	3737	..	17851	4721
Paper, pulp and printing	..	..	..	677	481	*124	..	763	..	2044	*124
Wood and wood products	..	..	..	90	180	*619	..	238	..	*1127	*619
Textile and leather	..	..	..	263	464	..	..	828	..	1556	..
Construction	..	..	..	4662	507	0	..	1789	..	6957	0
Industries n.e.s	0	..	..	2992	6338	0	..	8816	67	18213	*67
Transport	..	..	..	238787	536	6955	..	677	..	246955	6955
Road	..	..	..	204539	536	6845	..	86	..	212006	6845
Rail	..	..	..	1689	..	74	..	590	..	2353	74
Domestic aviation	..	..	..	8379	..	..	..	..	..	8379	..
Domestic navigation	..	..	..	24093	..	37	..	..	..	24130	37
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	86	..	..	..	0	..	86	..
Other	223	..	..	69925	21426	32892	..	149389	13805	287660	44560
Agriculture, forestry, fishing	20	..	..	1998	16	*1141	..	9454	120	12749	*1261
Commerce, public services	..	..	..	5228	6310	784	..	69275	665	82262	1449
Households	188	..	..	52738	15100	30967	..	70661	13020	182673	41850
Other consumers	15	..	..	9961	0	0	..	0	..	9976	0
Non-energy use	..	..	..	19527	14892	..	..	..	..	34419	..

Greenland

Terajoules

	Primary 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	94	..	1443	..	1537	1490
Imports	7856	..	..	..	..	..	7856	..
Exports
International marine bunkers	-729	..	..	..	..	..	-729	..
International aviation bunkers
Stock changes	-30	..	..	..	..	..	-30	..
Total energy supply	7096	..	94	..	1443	..	8634	1490
Statistical difference	-150	..	0	..	137	-92	-104	1443
Transfers
Transformation	-1074	..	-94	..	-56	*1075	-149	-47
Electricity plants
CHP plants	-1074	..	-94	..	322	*735	-112	-47
Heat plants	-378	*340	-38	..
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation
Energy industries own use	-2	..	..	..	-53	*-6	-62	..
Losses	-101	..	..	..	*-45	-427	-573	..
Final consumption	6069	..	..	..	1152	734	7954	..
Final energy consumption	5959	..	..	..	1152	734	7844	..
Manufacturing, const., mining	357	..	..	..	184	4	544	..
Iron and steel	9	..	..	..	7	..	15	..
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying	16	..	..	..	0	..	16	..
Food and tobacco	182	..	..	..	141	2	325	..
Paper, pulp and printing	1	..	..	..	..	..	1	..
Wood and wood products	2	..	2	..
Textile and leather	6	..	..	..	3	..	9	..
Construction	135	..	..	..	30	2	167	..
Industries n.e.s	7	..	..	..	1	0	8	..
Transport	1698	..	..	..	..	..	1698	..
Road	578	..	..	..	..	..	578	..
Rail
Domestic aviation	601	..	..	..	..	..	601	..
Domestic navigation	477	..	..	..	..	..	477	..
Pipeline transport
Transport, n.e.s	42	..	..	..	..	..	42	..
Other	3904	..	..	..	968	730	5602	..
Agriculture, forestry, fishing	1876	..	..	..	2	..	1878	..
Commerce, public services	622	..	..	..	552	301	1475	..
Households	1253	..	..	..	360	423	2036	..
Other consumers	153	..	..	..	53	6	213	..
Non-energy use	110	..	..	..	..	..	110	..

Greenland

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2017											
Primary production	94	..	1398	..	1492	1445
Imports	8426	..	..	..	..	..	8426	..
Exports
International marine bunkers	-824	..	..	..	..	..	-824	..
International aviation bunkers
Stock changes	-290	..	..	..	..	..	-290	..
Total energy supply	7311	..	94	..	1398	..	8803	1445
Statistical difference	-76	..	0	..	-57	-91	-224	1398
Transfers
Transformation	-1107	..	-94	..	*-173	*1201	*-172	-47
Electricity plants
CHP plants	-1107	..	-94	..	467	*625	-108	-47
Heat plants	*-640	*576	*-64	..
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation
Energy industries own use	-1	..	..	..	-57	*-7	-65	..
Losses	-73	..	..	..	-46	-532	-651	..
Final consumption	6206	..	..	..	1180	754	8139	..
Final energy consumption	6093	..	..	..	1180	754	8027	..
Manufacturing, const., mining	349	..	..	..	188	4	541	..
Iron and steel	9	..	..	..	7	..	16	..
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying	11	..	..	..	0	..	11	..
Food and tobacco	175	..	..	..	144	2	321	..
Paper, pulp and printing	1	..	..	..	..	..	1	..
Wood and wood products	2	..	2	..
Textile and leather	5	..	..	..	3	..	9	..
Construction	142	..	..	..	31	2	175	..
Industries n.e.s	6	..	..	..	1	0	7	..
Transport	1736	..	..	..	..	..	1736	..
Road	564	..	..	..	..	..	564	..
Rail
Domestic aviation	667	..	..	..	..	..	667	..
Domestic navigation	501	..	..	..	..	..	501	..
Pipeline transport
Transport, n.e.s	4	..	..	..	..	..	4	..
Other	4008	..	..	..	992	750	5750	..
Agriculture, forestry, fishing	1980	..	..	..	2	..	1982	..
Commerce, public services	619	..	..	..	565	299	1482	..
Households	1273	..	..	..	368	445	2086	..
Other consumers	137	..	..	..	57	6	200	..
Non-energy use	113	..	..	..	..	..	113	..

Grenada

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	383	..	0	383	383
Imports	..	4304	..	..	..	..	4304	..
Exports
International marine bunkers
International aviation bunkers	..	-318	..	..	..	..	-318	..
Stock changes	..	-191	..	..	..	..	-191	..
Total energy supply	..	3795	..	383	..	0	4178	383
Statistical Difference	..	6	..	0	0	0	5	0
Transfers
Transformation	..	-1944	..	-83	63	786	-1177	-20
Electricity plants	..	-1944	..	..	..	786	-1158	..
Charcoal plants	-83	63	..	-20	-20
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-42	-42	..
Losses	-64	-64	..
Final consumption	..	1846	..	300	63	680	2890	363
Final energy consumption	..	1846	..	300	63	680	2890	363
Manufacturing, const., mining	..	9	..	20	..	19	48	20
Transport	..	1341	..	..	..	..	1341	..
Road	..	1341	..	..	..	..	1341	..
Domestic aviation
Domestic navigation
Other transport
Other	..	495	..	280	63	661	1500	343
Agriculture, forestry, fishing	..	1	..	..	..	..	1	..
Commerce and public services	..	229	..	..	..	402	631	..
Households	..	266	..	280	63	*259	869	343
Other consumers
Non-energy use
2017								
Primary production	397	..	0	398	398
Imports	..	4464	..	..	..	..	4464	..
Exports
International marine bunkers
International aviation bunkers	..	-330	..	..	..	..	-330	..
Stock changes	..	-198	..	..	..	..	-198	..
Total energy supply	..	3936	..	397	..	0	4334	398
Statistical Difference	..	6	..	0	0	0	6	0
Transfers
Transformation	..	-2016	..	-86	65	815	-1221	-20
Electricity plants	..	-2016	..	..	..	815	-1201	..
Charcoal plants	-86	65	..	-20	-20
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-43	-43	..
Losses	-67	-67	..
Final consumption	..	1915	..	312	65	706	2997	377
Final energy consumption	..	1915	..	312	65	706	2997	377
Manufacturing, const., mining	..	9	..	21	..	20	50	21
Transport	..	1391	..	..	..	..	1391	..
Road	..	1391	..	..	..	..	1391	..
Domestic aviation
Domestic navigation
Other transport
Other	..	514	..	291	65	686	1556	356
Agriculture, forestry, fishing	..	1	..	..	..	..	1	..
Commerce and public services	..	237	..	..	..	417	654	..
Households	..	276	..	291	65	*269	901	356
Other consumers
Non-energy use

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	..	..	188845	..	..	..	2689	..	243578	..
Exports	-15554	-17891	..	..	..	-4805	..	-38250	..
International marine bunkers	-16779	..	..	..	..	..	-16779	..
International aviation bunkers	-2602	..	..	..	..	..	-2602	..
Stock changes	-6161	..	-931	-1529	..	12	..	..	..	-8609	12
Total energy supply	45883	..	2365	150044	..	309098	..	13645	10409	531444	335268
Statistical difference	0	..	0	47	..	0	..	155	0	202	16802
Transfers
Transformation	-45883	..	-2365	-7036	..	-87563	..	26679	-10409	-126577	-96931
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	*-2400	..	..	..	*-2400	*-2400
Energy industries own use	-1823	..	..	..	-3124	..	-4947	..
Losses	-1379	..	-1379	..
Final consumption	141137	..	*221535	..	35665	..	*398337	*221535
Final energy consumption	140564	..	*221535	..	35665	..	*397764	*221535
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	..	*221535	..	22630	..	*254886	*221535
Agriculture, forestry, fishing
Commerce, public services	571	..	7161	..	9508	..	17239	7161
Households	10149	..	*214375	..	11999	..	*236523	*214375
Other consumers	*1124	..	*1124	..
Non-energy use	574	..	..	..	..	..	574	..

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
2017											
Primary production	20335	..	..	291324	..	22331	9110	343100	322765
Imports	47161	..	..	200090	..	..	..	3209	..	250460	..
Exports	-16608	-13732	..	..	..	-6688	..	-37028	..
International marine bunkers	-17718	..	..	..	..	..	-17718	..
International aviation bunkers	-4295	..	..	..	..	..	-4295	..
Stock changes	-3943	..	-19	-332	..	5	..	..	..	-4289	5
Total energy supply	43218	..	3708	164013	..	291329	..	18852	9110	530230	322770
Statistical difference	0	..	0	44	..	0	..	-245	0	-201	23242
Transfers
Transformation	-43218	..	-3708	-632	..	-56095	..	21850	-9110	-90914	-64294
Electricity plants	-43218	..	..	-4187	..	-53784	..	21850	-9110	-88449	-61983
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-3708	3555	..	..	..	..	..	-153	..
Other transformation	*-2311	..	..	..	*-2311	*-2311
Energy industries own use	-2029	..	..	..	-3190	..	-5218	..
Losses	-1344	..	-1344	..
Final consumption	161308	..	*235233	..	36413	..	*432954	*235233
Final energy consumption	160206	..	*235233	..	36413	..	*431853	*235233
Manufacturing, const., mining	30085	..	..	..	13345	..	43430	..
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	30085	..	..	..	13345	..	43430	..
Transport	115006	..	..	..	..	..	115006	..
Road	114819	..	..	..	..	..	114819	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s	187	..	..	..	..	..	187	..
Other	15115	..	*235233	..	23068	..	*273417	*235233
Agriculture, forestry, fishing
Commerce, public services	713	..	7628	..	8899	..	17240	7628
Households	14402	..	*227606	..	12550	..	*254557	*227606
Other consumers	*1620	..	*1620	..
Non-energy use	1101	..	..	..	..	..	1101	..

Guinea

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	*3	112679	..	1423	114105	114102
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	1423	153922	114079
Statistical Difference	..	*-22	0	0	0	38	16	1423
Transfers
Transformation	..	*-12348	..	*-21696	11679	4321	*-18044	*-10016
Electricity plants	..	*-12348	..	..	..	4321	*-8027	..
Charcoal plants	*-21696	11679	..	*-10016	*-10016
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-72	-72	..
Losses	*-576	*-576	..
Final consumption	..	*27514	*3	*90984	*11656	*5058	*135214	*102640
Final energy consumption	..	*26151	*3	*90984	*11656	*5058	*133852	*102640
Manufacturing, const., mining	..	*8167	..	*629	..	*2356	*11153	*629
Transport	..	*17222	..	..	..	..	*17222	..
Road	..	*17000	..	..	..	..	*17000	..
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	..
2017								
Primary production	*3	113017	..	1539	114559	114556
Imports	..	*42914	..	..	1	..	*42915	1
Exports	-24	..	-24	-24
International marine bunkers
International aviation bunkers	..	*-1127	..	..	..	..	*-1127	..
Stock changes
Total energy supply	..	*41787	*3	113017	-23	1539	156323	114533
Statistical Difference	..	*-86	0	0	0	54	*-32	1539
Transfers
Transformation	..	*-13638	..	*-22125	11907	4771	*-19084	*-10218
Electricity plants	..	*-13638	..	..	..	4771	*-8867	..
Charcoal plants	*-22125	11907	..	*-10218	*-10218
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-82	-82	..
Losses	*-594	*-594	..
Final consumption	..	*28235	*3	*90892	*11884	*5580	*136595	*102777
Final energy consumption	..	*26828	*3	*90892	*11884	*5580	*135188	*102777
Manufacturing, const., mining	..	*8822	..	*629	..	*2376	*11827	*629
Transport	..	*17262	..	..	..	..	*17262	..
Road	..	*17040	..	..	..	..	*17040	..
Domestic aviation	..	*222	..	..	..	..	*222	..
Domestic navigation
Other transport
Other	..	*745	*3	*90263	*11884	*3204	*106099	*102147
Agriculture, forestry, fishing
Commerce and public services	*1314	*1314	..
Households	..	*745	..	*90263	*11884	*1890	*104782	*102147
Other consumers	*3	..	..	..	*3	..
Non-energy use	..	*1407	..	..	..	..	*1407	..

Guinea-Bissau

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	..
2017								
Primary production	26119	..	..	26119	26119
Imports	..	*5632	..	..	..	..	*5632	..
Exports	-3	..	-3	-3
International marine bunkers
International aviation bunkers	..	*-556	..	..	..	..	*-556	..
Stock changes
Total energy supply	..	*5077	..	26119	-3	..	31193	26117
Statistical Difference	..	0	..	0	0	*1	*1	0
Transfers
Transformation	..	*-417	..	*-4127	2221	*140	*-2183	*-1906
Electricity plants	..	*-417	..	..	..	*140	*-277	..
Charcoal plants	*-4127	2221	..	*-1906	*-1906
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses
Final consumption	..	*4659	..	*21993	*2218	*139	*29009	*24211
Final energy consumption	..	*3638	..	*21993	*2218	*139	*27988	*24211
Manufacturing, const., mining	*81	*81	..
Transport	..	*1357	..	..	..	..	*1357	..
Road	..	*1357	..	..	..	..	*1357	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*2281	..	*21993	*2218	*58	*26550	*24211
Agriculture, forestry, fishing
Commerce and public services
Households	..	*405	..	*21993	..	*58	*22456	*21993
Other consumers	..	*1876	..	..	*2218	..	*4094	*2218
Non-energy use	..	*1021	..	..	..	..	*1021	..

Guyana

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	6661	..	*5	6666	6666
Imports	..	31412	..	..	..	..	31412	..
Exports
International marine bunkers
International aviation bunkers	..	-724	..	..	..	..	-724	..
Stock changes	..	-78	..	..	..	..	-78	..
Total energy supply	..	30610	..	6661	..	*5	37275	6666
Statistical Difference	..	-260	..	0	0	0	-260	5
Transfers
Transformation	..	-10753	..	-534	42	3890	-7354	-491
Electricity plants	..	-10753	..	-448	..	3890	-7311	-448
Charcoal plants	-86	42	..	-43	-43
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-116	-116	..
Losses	-806	-806	..
Final consumption	..	20117	..	6127	42	2973	29260	6169
Final energy consumption	..	19982	..	6127	42	2973	29124	6169
Manufacturing, const., mining	..	1036	..	5141	2	1155	7334	5143
Transport	..	10536	..	..	..	..	10536	..
Road	..	10492	..	..	..	..	10492	..
Domestic aviation	..	*44	..	..	..	..	*44	..
Domestic navigation
Other transport
Other	..	8410	..	986	41	1818	11254	1026
Agriculture, forestry, fishing	..	6898	..	..	..	189	7087	..
Commerce and public services	..	329	..	..	..	573	902	..
Households	..	1183	..	986	41	1057	3265	1026
Other consumers
Non-energy use	..	136	..	..	..	..	136	..
2017								
Primary production	6609	..	*8	6617	6617
Imports	..	30748	..	..	..	..	30748	..
Exports
International marine bunkers
International aviation bunkers	..	-774	..	..	..	..	-774	..
Stock changes	..	251	..	..	..	..	251	..
Total energy supply	..	30225	..	6609	..	*8	36842	6617
Statistical Difference	..	-69	..	0	0	0	-69	8
Transfers
Transformation	..	-11004	..	-409	43	4048	-7322	-366
Electricity plants	..	-11004	..	-327	..	4048	-7284	-327
Charcoal plants	-81	43	..	-38	-38
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-123	-123	..
Losses	-838	-838	..
Final consumption	..	19290	..	6200	43	3094	28627	6244
Final energy consumption	..	19073	..	6200	43	3094	28411	6244
Manufacturing, const., mining	..	987	..	5226	2	1202	7417	5228
Transport	..	9813	..	..	..	..	9813	..
Road	..	9774	..	..	..	..	9774	..
Domestic aviation	..	*40	..	..	..	..	*40	..
Domestic navigation
Other transport
Other	..	8273	..	974	41	1892	11181	1015
Agriculture, forestry, fishing	..	6741	..	..	..	197	6938	..
Commerce and public services	..	323	..	..	..	596	919	..
Households	..	1210	..	974	41	1099	3324	1015
Other consumers
Non-energy use	..	216	..	..	..	..	216	..

Haiti

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	140387	..	256	140643	140643
Imports	..	45515	..	..	..	..	45515	..
Exports
International marine bunkers
International aviation bunkers	..	-970	..	..	..	..	-970	..
Stock changes
Total energy supply	..	44545	..	140387	..	256	185188	140643
Statistical Difference	..	-443	..	0	0	119	-325	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	..
2017								
Primary production	142033	..	461	142494	142494
Imports	..	46077	..	..	..	..	46077	..
Exports
International marine bunkers
International aviation bunkers	..	-970	..	..	..	..	-970	..
Stock changes
Total energy supply	..	45106	..	142033	..	461	187600	142494
Statistical Difference	..	-531	..	0	0	-25	-556	461
Transfers
Transformation	..	-12867	..	-75126	38026	3341	-46627	-37101
Electricity plants	..	-12867	..	..	..	3341	-9526	..
Charcoal plants	-75126	38026	..	-37101	-37101
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-61	-61	..
Losses	..	-667	..	..	..	-2246	-2913	..
Final consumption	..	32104	..	66907	38026	1519	138556	104933
Final energy consumption	..	31903	..	66907	38026	1519	138355	104933
Manufacturing, const., mining	..	8148	..	3457	..	680	12286	3457
Transport	..	19891	..	..	..	..	19891	..
Road	..	19891	..	..	..	..	19891	..
Domestic aviation
Domestic navigation
Other transport
Other	..	3863	..	63450	38026	839	106177	101476
Agriculture, forestry, fishing
Commerce and public services	..	47	..	..	1977	137	2161	1977
Households	..	3816	..	63450	36049	702	104017	99499
Other consumers
Non-energy use	..	201	..	..	..	..	201	..

Honduras

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	..	..	..	106642	..	13698	120340	120340
Imports	7023	116513	..	..	..	702	124238	..
Exports	..	-10742	..	..	..	-58	-10800	..
International marine bunkers	..	-1454	..	..	..	..	-1454	..
International aviation bunkers	..	-2205	..	..	..	..	-2205	..
Stock changes	0	12085	..	0	..	..	12085	0
Total energy supply	7023	114196	..	106642	..	14342	242204	120340
Statistical Difference	0	-387	..	*-1	0	32	-356	13697
Transfers	..	..	..	..	..	..	..	..
Transformation	-2193	-35743	..	*-9167	9	17921	-29174	*-9158
Electricity plants	-2193	-35743	..	*-9135	..	17921	-29151	*-9135
Charcoal plants	..	..	..	*-32	9	..	*-23	*-23
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-61	-61	..
Losses	..	..	..	..	..	-4748	-4748	..
Final consumption	4830	78840	..	*97476	9	27421	208576	*97485
Final energy consumption	4830	78840	..	*97476	9	27421	208576	*97485
Manufacturing, const., mining	4830	14983	..	*24607	..	6052	50472	*24607
Transport	..	57657	..	..	..	..	57657	..
Road	..	57260	..	..	..	..	57260	..
Domestic aviation	..	397	..	..	..	..	397	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	0	..	..	..	..	0	..
Other	..	6201	..	*72869	9	21370	*100448	*72878
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	2412	..	*4450	..	10098	16960	*4450
Households	..	2768	..	*68419	9	11272	*82467	*68428
Other consumers	..	1020	..	..	..	..	1020	..
Non-energy use	..	..	..	..	..	..	..	..
2017								
Primary production	..	..	..	105869	..	19872	125741	125741
Imports	10361	118128	..	..	..	1184	129673	..
Exports	..	0	..	..	..	-90	-90	..
International marine bunkers	..	-1495	..	..	..	..	-1495	..
International aviation bunkers	..	-2073	..	..	..	..	-2073	..
Stock changes	0	0	..	0	..	..	0	0
Total energy supply	10361	114561	..	105869	..	20966	251757	125741
Statistical Difference	0	40	..	0	0	0	40	16859
Transfers	..	..	..	..	..	..	..	..
Transformation	-5315	-31736	..	*-8142	3	13770	-31420	*-11152
Electricity plants	-5315	-31736	..	*-8109	..	13770	-31390	*-11122
Charcoal plants	..	..	..	*-33	3	..	*-30	*-30
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-61	-61	..
Losses	..	..	..	..	..	-4986	-4986	..
Final consumption	5046	82784	..	*97727	3	29689	215250	*97730
Final energy consumption	5046	82784	..	*97727	3	29689	215250	*97730
Manufacturing, const., mining	5046	15411	..	*20770	..	6552	47779	*20770
Transport	..	61085	..	..	..	..	61085	..
Road	..	60688	..	..	..	..	60688	..
Domestic aviation	..	397	..	..	..	..	397	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	0	..	..	..	..	0	..
Other	..	6288	..	*76957	3	23137	*106385	*76960
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	2460	..	*4617	..	10933	18010	*4617
Households	..	2728	..	*72340	3	12204	*87275	*72343
Other consumers	..	1101	..	..	..	..	1101	..
Non-energy use	..	..	..	..	..	..	..	..

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	..	41527	..	59821	129452	174231	4273	7988	478523	135932
Imports	46321	1275	252678	136002	302508	10924	..	64624	..	814332	9421
Exports	-1402	-13649	-4511	-119303	-37380	-18266	..	-18864	..	-213375	-18266
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-8203	..	..	..	..	..	-8203	..
Stock changes	509	275	-1276	-10168	11155	461	..	..	..	956	461
Total energy supply	106660	-12100	288418	-1671	336104	122570	174231	50033	7988	1072234	127548
Statistical difference	48	1	-174	-1904	-10589	1	0	1552	65	-11001	6975
Transfers	..	..	25122	-25075	..	..	..	..	..	46	..
Transformation	-101328	22666	-313670	316332	-82871	*-31670	-174231	110574	48565	-205633	*-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	..	..	-5332	5723	..	..	..	..	..	391	..
Oil refineries	..	..	-309526	312313	..	..	..	..	..	2787	..
Other transformation	..	207	0	-915	-5859	..	..	..	..	-6567	..
Energy industries own use	-14	-3208	..	-14898	-7392	-613	..	-12470	-5321	-43916	-613
Losses	..	-217	..	..	-3962	..	..	-12838	-4018	-21034	..
Final consumption	5270	7141	43	276592	252469	*90286	..	133747	47149	812698	*90286
Final energy consumption	5270	6777	..	217212	232063	*90286	..	133747	47149	732505	*90286
Manufacturing, const., mining	1586	6644	..	26472	54016	*8460	..	57607	16531	171316	*6039
Iron and steel	..	6345	..	43	2302	*3	..	2207	997	11897	*3
Chemical and petrochemical	..	..	..	13977	10308	*66	..	11776	9906	46033	*49
Non-ferrous metals	..	..	..	43	3119	..	..	1444	287	4893	..
Non-metallic minerals	718	209	..	4145	8438	3221	..	5216	124	22071	*903
Transport equipment	..	..	..	90	3002	*6	..	5958	436	9493	*10
Machinery	7	30	..	361	6854	*187	..	9266	273	16978	*201
Mining and quarrying	..	..	..	516	131	*3	..	346	..	996	*3
Food and tobacco	..	60	..	550	11526	*2380	..	8546	1483	24546	*2401
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	..	..	..	..	855	*24	..	860	17	1756	*24
Construction	169	..	..	6306	1872	*136	..	1163	145	9791	*149
Industries n.e.s	7	0	..	138	3524	*345	..	6782	309	11105	*350
Transport	..	..	..	170606	2010	7737	..	4237	..	184590	7737
Road	..	..	..	168671	338	7737	..	86	..	176833	7737
Rail	..	..	..	1720	..	..	..	4111	..	5831	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	215	..	..	..	..	..	215	..
Pipeline transport	..	..	..	..	1671	..	..	40	..	1711	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	3685	133	..	20133	176037	*74089	..	71903	30618	376598	*76510
Agriculture, forestry, fishing	7	..	..	15734	6188	*685	..	3240	1387	27240	2057
Commerce, public services	90	..	..	1496	51318	*1428	..	28962	8107	91401	*2018
Households	3581	133	..	2554	117793	*71976	..	39434	21017	256489	*72435
Other consumers	7	..	..	349	739	..	..	266	107	1468	..
Non-energy use	..	364	43	59380	20406	..	..	..	..	80193	..

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
2017											
Primary production	53723	..	43894	..	59064	127650	174687	4777	8615	472412	135463
Imports	49205	3481	250131	161483	467390	10784	..	71291	..	1013766	9237
Exports	-13	-11000	-7547	-127250	-123173	-19178	..	-24930	..	-313091	-19178
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-9526	..	..	..	..	..	-9526	..
Stock changes	-1024	-265	-2394	806	-45652	-231	..	..	..	-48759	-231
Total energy supply	101891	-7784	284085	25514	357629	119026	174687	51138	8615	1114802	125291
Statistical difference	8	-57	-132	-1296	-10744	2	0	1645	-143	-10717	7531
Transfers	..	..	20440	-20440	..	..	..	..	..	0	..
Transformation	-93971	20579	-304657	307094	-92298	*-31707	-174687	113558	47146	-208943	*-30659
Electricity plants	-53445	-2560	..	-824	-25213	*-14417	-86929	65095	-36	-118328	*-13077
CHP plants	-1394	-2057	..	-166	-37383	*-14213	-87758	48463	20614	-73895	*-12491
Heat plants	-267	-2712	..	-162	-23001	*-3077	..	..	26568	-2651	-5092
Coke ovens	-38865	38419	..	..	..	..	..	..	..	-446	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	1188	..	..	..	..	..	..	1188	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-11059	..	..	-1301	..	..	..	..	-12361	..
NGL plants & gas blending	..	..	-3827	4210	..	..	..	..	..	383	..
Oil refineries	..	..	-302018	304818	..	..	..	..	..	2800	..
Other transformation	..	549	..	-782	-5399	..	..	..	..	-5632	..
Energy industries own use	..	-3391	..	-14923	-9115	-583	..	-12056	-4979	-45048	-583
Losses	..	-641	..	..	-4501	..	..	-12442	-4297	-21881	..
Final consumption	7912	8821	..	298540	262460	*86734	..	138553	46628	849648	*86518
Final energy consumption	7912	8681	..	227034	239138	*86734	..	138553	46628	754681	*86518
Manufacturing, const., mining	4046	8446	..	28354	57118	*10492	..	60232	15140	183827	*7418
Iron and steel	88	8150	..	86	2427	*9	..	2477	807	14044	*9
Chemical and petrochemical	..	..	..	15678	10879	*58	..	12085	10311	49011	*44
Non-ferrous metals	..	..	..	90	3419	..	..	1544	369	5423	..
Non-metallic minerals	912	207	..	3755	8101	3821	..	5069	166	22031	*1088
Transport equipment	..	..	..	138	3071	*6	..	6188	510	9913	12
Machinery	..	30	..	409	7592	*139	..	9900	265	18334	*149
Mining and quarrying	..	..	..	688	145	*1	..	360	..	1194	*1
Food and tobacco	..	59	..	550	12317	*2801	..	8856	1364	25947	*2849
Paper, pulp and printing	2974	..	..	131	1920	*1275	..	3179	837	10315	*861
Wood and wood products	..	..	..	262	437	*1865	..	1213	34	3811	*1865
Textile and leather	..	..	..	..	874	*21	..	824	23	1742	*21
Construction	65	..	..	6430	2029	*150	..	1202	128	10004	*160
Industries n.e.s	7	0	..	138	3909	*346	..	7333	326	12059	*359
Transport	..	..	..	178699	2765	6141	..	4352	..	191957	6141
Road	..	..	..	176678	366	6141	..	90	..	183275	6141
Rail	..	..	..	1806	..	..	..	4223	..	6029	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	215	..	..	..	..	..	215	..
Pipeline transport	..	..	..	..	2399	..	..	40	..	2438	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	3866	235	..	19981	179256	*70101	..	73969	31488	378896	*72959
Agriculture, forestry, fishing	7	..	..	15099	5135	*669	..	3244	1563	25716	2215
Commerce, public services	51	..	..	1273	49000	*1456	..	29963	8459	90201	*2285
Households	3809	235	..	3216	124420	*67976	..	40496	21361	261513	*68459
Other consumers	..	..	..	393	702	..	..	266	105	1467	..
Non-energy use	..	140	..	71506	23322	..	..	..	..	94968	..

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	..	..	..	17521	-215325	-197890	-197804
Electricity plants	-86	..	..	..	1804	-17928	-16210	-16135
CHP plants	16452	-179465	-163013	-163013
Heat plants	-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	0	..	..	..	4547	14447	18994	1589
Households	90	..	..	..	3038	16740	19869	527
Other consumers	215	..	..	..	..	492	707	..
Non-energy use	764	..	..	..	..	..	764	..

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
2017											
Primary production	327	..	50641	247735	298703	298703
Imports	3572	587	..	41484	..	612	..	..	..	46256	612
Exports
International marine bunkers	-2542	..	..	..	..	..	-2542	..
International aviation bunkers	-16052	..	..	..	..	..	-16052	..
Stock changes	880	..	0	..	..	..	880	0
Total energy supply	3572	587	..	23769	..	939	..	50641	247735	327244	299315
Statistical difference	-84	-80	..	-1144	..	0	..	0	63	-1245	98366
Transfers	0	..	..	..	..	..	0	..
Transformation	-129	..	..	..	17921	-214350	-196558	-196621
Electricity plants	-43	..	..	..	2020	-20124	-18147	-18112
CHP plants	16600	-175893	-159293	-159293
Heat plants	-86	..	..	..	-698	-18333	-19117	-19216
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation
Energy industries own use	-2020	0	-2020	..
Losses	-2128	-2987	-5115	..
Final consumption	3657	667	..	24785	..	939	..	64415	30335	124797	4328
Final energy consumption	3657	667	..	23981	..	939	..	64415	30335	123993	4328
Manufacturing, const., mining	3657	667	..	1757	..	256	..	55400	507	62244	763
Iron and steel	3647	667	..	260	..	256	..	3931	..	8760	256
Chemical and petrochemical	302	..	302	..
Non-ferrous metals	0	..	..	..	48568	..	48568	..
Non-metallic minerals	162	..	162	..
Transport equipment	18	..	18	..
Machinery	40	..	40	..
Mining and quarrying	7	..	7	..
Food and tobacco	129	..	..	..	2070	..	2199	..
Paper, pulp and printing	54	..	54	..
Wood and wood products	14	..	14	..
Textile and leather	11	..	11	..
Construction	1247	..	..	..	137	..	1384	..
Industries n.e.s	10	0	..	121	..	0	..	86	507	725	507
Transport	14239	..	683	..	230	..	15153	683
Road	13500	..	683	..	..	..	14184	683
Rail
Domestic aviation	309	..	..	..	..	..	309	..
Domestic navigation	430	..	..	..	..	..	430	..
Pipeline transport
Transport, n.e.s	230	..	230	..
Other	7984	..	..	..	8784	29828	46596	2882
Agriculture, forestry, fishing	7386	..	..	..	1026	2916	11328	790
Commerce, public services	0	..	..	..	4795	11914	16709	1587
Households	133	..	..	..	2963	14615	17711	505
Other consumers	465	..	..	..	..	383	848	..
Non-energy use	804	..	..	..	..	..	804	..

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	11280009	..	1746521	..	1105909	8063161	409493	614214	..	23219307	8677375
Imports	5058305	122557	9247541	1419732	645865	..	..	20221	..	16514222	..
Exports	-29284	-2510	..	-2812751	..	..	..	-24156	..	-2868701	..
International marine bunkers	..	..	..	-60842	..	..	..	..	..	-60842	..
International aviation bunkers	..	..	..	*-216046	..	..	..	..	..	*-216046	..
Stock changes	216425	..	0	*-2514	..	..	..	..	..	213911	..
Total energy supply	16525455	120047	10994063	-1672420	1751774	8063161	409493	610279	..	36801852	8677375
Statistical difference	-442038	0	425411	-145478	-98076	*-4	0	55033	..	-205152	614210
Transfers	..	..	*360469	*-324094	..	..	..	..	..	*36375	..
Transformation	-10690655	*770642	-10929121	10938887	-589161	*-1058689	-409493	4542275	..	-7425315	*-1058689
Electricity plants	-10072720	*-33073	..	-34421	-589161	*-980640	-409493	4542275	..	-7577233	*-980640
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-531149	517949	..	..	..	..	..	..	..	-13201	..
Briquetting plants	*-22322	*8720	..	..	..	..	..	..	..	*-13602	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	*-1951	*993	..	..	..	..	..	..	..	*-958	..
Blast furnaces	-62513	*276053	..	..	..	..	..	..	..	*213541	..
NGL plants & gas blending	..	..	*-189839	121019	..	..	..	..	..	*-68820	..
Oil refineries	..	..	-10739282	10852289	..	..	..	..	..	113008	..
Other transformation	..	..	..	..	..	-78049	..	..	..	-78049	-78049
Energy industries own use	-5220	*-66145	..	*-607266	-239209	..	..	-363154	..	*-1280994	..
Losses	..	..	..	..	..	..	..	-895802	..	-895802	..
Final consumption	6271618	*824544	..	8480585	1021480	*7004475	..	3838565	..	*27441268	*7004475
Final energy consumption	6271618	*824544	..	*7738296	285023	*7004475	..	3838565	..	*25962522	*7004475
Manufacturing, const., mining	5735430	*815824	..	1511629	23857	*1946748	..	1535994	..	11569482	*1946748
Iron and steel	1081615	*815824	..	6837	..	..	..	*238108	..	2142384	..
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	*536189	*8720	..	2265824	6356	*5057727	..	2240590	..	*10115405	*5057727
Agriculture, forestry, fishing	..	..	..	34888	..	..	..	703703	..	738591	..
Commerce, public services	*201915	..	..	..	..	290770	..	353999	..	846684	290770
Households	*116681	*8720	..	1120534	..	*4766957	..	933520	..	*6946411	*4766957
Other consumers	*217593	..	..	*1110402	6356	..	..	249368	..	*1583719	..
Non-energy use	..	..	..	742289	736457	..	..	..	..	1478746	..

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
2017											
Primary production	11297930	..	1746314	..	1131875	8138102	414137	681732	..	23410090	8819834
Imports	5546490	129297	9529429	1991808	688853	..	..	20200	..	17906076	..
Exports	-24197	-3046	..	-3200868	..	..	..	-25931	..	-3254042	..
International marine bunkers	..	..	..	-63751	..	..	..	..	..	-63751	..
International aviation bunkers	..	..	..	*-167227	..	..	..	..	..	*-167227	..
Stock changes	252535	..	..	*-441	..	..	..	..	..	252094	..
Total energy supply	17072758	126251	11275743	-1440480	1820728	8138102	414137	676001	..	38083240	8819834
Statistical difference	-727945	9	415174	-115251	63165	29500	0	-26181	..	-361528	711232
Transfers	..	..	*387000	*-24179	..	..	..	..	..	*362821	..
Transformation	-11447151	765942	-11247568	11280492	-569318	*-1162999	-414137	4683323	..	-8111415	*-1162999
Electricity plants	-10793283	*-36321	..	-30566	-569318	*-1025626	-414137	4683323	..	-8185928	*-1025626
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-562061	501113	..	..	..	..	..	..	..	-60948	..
Briquetting plants	*-24240	*9280	..	..	..	..	..	..	..	*-14960	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	-2022	*1060	..	..	..	..	..	..	..	-962	..
Blast furnaces	-65545	290810	..	..	..	..	..	..	..	225266	..
NGL plants & gas blending	..	..	*-203718	158823	..	..	..	..	..	*-44895	..
Oil refineries	..	..	-11043851	11152235	..	..	..	..	..	108385	..
Other transformation	..	..	..	..	..	-137373	..	..	..	-137373	-137373
Energy industries own use	-4256	*-72643	..	*-486338	-116346	..	..	-380945	..	*-1060527	..
Losses	..	..	..	..	..	..	..	-935377	..	-935377	..
Final consumption	6349295	*819542	..	9444747	1071900	*6945604	..	4069182	..	28700270	*6945604
Final energy consumption	6349295	*819542	..	9037963	351637	*6945604	..	4069182	..	27573223	*6945604
Manufacturing, const., mining	5802325	*810262	..	2689975	30265	*1968809	..	*1688074	..	12989710	*1968809
Iron and steel	1191462	*810262	..	46493	..	..	..	..	..	2048216	..
Chemical and petrochemical	46510	..	..	513834	..	..	..	..	..	560345	..
Non-ferrous metals	..	..	..	11073	..	..	..	..	..	11073	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	6806	..	..	..	..	..	6806	..
Mining and quarrying	..	..	..	56212	..	..	..	..	..	56212	..
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	39243	..	..	..	..	..	..	..	..	39243	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	41040	..	..	3277	..	..	..	..	..	44318	..
Construction	164353	..	..	35453	..	..	..	..	..	199806	..
Industries n.e.s	4319716	0	..	2016827	30265	*1968809	..	*1688074	..	10023692	*1968809
Transport	..	..	..	1927851	17195	..	..	51682	..	1996728	..
Road	..	..	..	1286584	..	..	..	..	..	1286584	..
Rail	..	..	..	129	..	..	..	51682	..	51811	..
Domestic aviation	..	..	..	*282381	..	..	..	..	..	*282381	..
Domestic navigation	..	..	..	358756	..	..	..	..	..	358756	..
Pipeline transport	..	..	..	..	17195	..	..	..	..	17195	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	*546970	*9280	..	4420137	304177	*4976795	..	2329427	..	12586785	*4976795
Agriculture, forestry, fishing	..	..	..	28844	6552	..	..	735455	..	770851	..
Commerce, public services	*207949	..	..	3767	..	294066	..	346108	..	851889	294066
Households	*115856	*9280	..	1122257	297625	*4682729	..	984780	..	*7212526	*4682729
Other consumers	*223165	..	..	3265269	..	..	..	263084	..	3751518	..
Non-energy use	..	..	..	406784	720263	..	..	..	..	1127047	..

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	2522386	..	77409	383616	19029950	2983410
Imports	100505	15536	845360	1212739	..	..	..	4	..	2174144	..
Exports	-9557235	0	-718496	-49276	-676765	-29874	..	..	..	-11031647	-29874
International marine bunkers	..	..	..	-13791	..	..	..	..	..	-13791	..
International aviation bunkers	..	..	..	-34178	..	..	..	..	..	-34178	..
Stock changes	11792	*-1118	115267	..	..	*-6756	..	..	..	119185	*-6756
Total energy supply	2347222	14419	2151476	1115495	1668271	2485755	..	77412	383616	10243664	2946779
Statistical difference	138812	0	112614	88959	71894	0	..	-54110	0	358168	115770
Transfers	..	..	..	*10850	..	..	..	..	..	*10850	..
Transformation	-1953522	87921	-2037127	1622076	-407692	*-56733	..	762714	-383616	-2365979	*-401987
Electricity plants	-1854221	..	..	-159215	*-407692	*-21155	..	762714	-383616	-2063185	-366410
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	..	..	-1871775	1635212	..	..	..	..	..	-236563	..
Other transformation	..	..	..	..	..	*-35578	..	..	..	*-35578	*-35578
Energy industries own use	-8841	-254	..	-36979	-330134	..	..	-35683	..	-411891	..
Losses	-78	*-550	-1734	0	-212088	..	..	-81742	..	-296191	..
Final consumption	245969	101536	..	2622482	646464	*2429022	..	776812	..	*6822284	*2429022
Final energy consumption	245969	101282	..	2427920	438774	*2429022	..	776812	..	*6419779	*2429022
Manufacturing, const., mining	245969	100732	..	212167	424615	*326326	..	245322	..	1555131	*326326
Iron and steel	2489	82654	..	16251	115928	..	..	..	..	217323	..
Chemical and petrochemical	14986	0	..	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	*326326	..	245322	..	1273769	*326326
Transport	..	..	..	1250713	1120	*109027	..	..	..	1360860	*109027
Road	..	..	..	1082910	1120	*109027	..	..	..	1193057	*109027
Rail	..	..	..	9515	..	..	..	..	..	9515	..
Domestic aviation	..	..	..	120182	..	..	..	..	..	120182	..
Domestic navigation	..	..	..	37784	..	..	..	..	..	37784	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	322	..	..	..	..	..	322	..
Other	..	*550	..	965039	13040	*1993669	..	531490	..	*3503788	*1993669
Agriculture, forestry, fishing	..	..	..	13871	..	..	..	9702	..	23573	..
Commerce, public services	..	..	..	21341	11722	*8198	..	194404	..	235664	*8198
Households	..	*200	..	912402	1319	*1985471	..	327384	..	*3226776	*1985471
Other consumers	..	*350	..	17425	..	..	..	..	..	17775	..
Non-energy use	0	254	..	*194562	207689	..	..	..	..	402506	..

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
2017											
Primary production	11935751	..	1961809	..	2246745	2516408	..	67203	459500	19187416	3043111
Imports	122726	14831	763113	1398092	..	..	..	4030	..	2302792	..
Exports	-10085528	0	-581392	-45673	-703724	-23260	..	..	..	-11439578	-23260
International marine bunkers	..	..	..	-13816	..	..	..	..	..	-13816	..
International aviation bunkers	..	..	..	-42504	..	..	..	..	..	-42504	..
Stock changes	-9191	*-952	-1438	1939	..	*-25834	..	..	..	*-35476	*-25834
Total energy supply	1963758	13879	2142092	1298039	1543020	2467314	..	71233	459500	9958835	2994017
Statistical difference	-438633	*21	134790	91568	179428	0	..	4228	0	-28599	113153
Transfers	..	..	..	-2348	..	..	..	..	..	-2348	..
Transformation	-2100939	*83816	-2006117	1689280	-503557	*-59517	..	*953927	-459500	-2402608	*-473068
Electricity plants	-2013593	..	..	-121003	-503557	*-16710	..	*953927	-459500	-2160436	-430261
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-84437	*78819	..	..	..	..	..	..	..	-5618	..
Briquetting plants	-2910	*1697	..	..	..	..	..	..	..	-1212	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	*3300	..	..	..	..	..	..	..	*3300	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	*-127561	*131336	..	..	..	..	..	*3775	..
Oil refineries	..	..	-1878556	1678947	..	..	..	..	..	-199609	..
Other transformation	..	..	..	..	..	*-42807	..	..	..	*-42807	*-42807
Energy industries own use	-44349	*-254	..	-93303	*-165205	..	..	*-50645	..	*-353756	..
Losses	-104	*-550	-1184	0	-207307	..	..	-89593	..	-298738	..
Final consumption	256999	*96871	..	2800100	487524	*2407796	..	880693	..	*6929984	*2407796
Final energy consumption	256999	*96617	..	2568361	318106	*2407796	..	880693	..	*6528573	*2407796
Manufacturing, const., mining	256999	*96067	..	285263	304862	*316696	..	336474	..	1596362	*316696
Iron and steel	1949	*78819	..	8882	58455	..	..	9731	..	157835	..
Chemical and petrochemical	17173	0	..	20185	61212	..	..	36569	..	135139	..
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	237877	*17248	..	256196	185196	*316696	..	290174	..	1303388	*316696
Transport	..	..	..	1293098	964	*95581	..	864	..	1390506	*95581
Road	..	..	..	1098043	964	*95581	..	..	..	1194587	*95581
Rail	..	..	..	9457	..	..	..	864	..	10321	..
Domestic aviation	..	..	..	149402	..	..	..	..	..	149402	..
Domestic navigation	..	..	..	35874	..	..	..	..	..	35874	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	322	..	..	..	..	..	322	..
Other	..	*550	..	990000	12280	*1995519	..	543355	..	*3541704	*1995519
Agriculture, forestry, fishing	..	..	..	14436	..	..	..	1987	..	16424	..
Commerce, public services	..	..	..	29807	11270	*8155	..	198317	..	247549	*8155
Households	..	*200	..	929859	1010	*1987364	..	343051	..	*3261484	*1987364
Other consumers	..	*350	..	15898	..	..	..	..	..	16248	..
Non-energy use	0	*254	..	*231739	169418	..	..	..	..	*401411	..

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	157335	207848	177	..	15196	..	437322	177
Exports	-2859	-28	-5146910	-1086301	-321208	..	..	-24077	..	-6581382	..
International marine bunkers	..	..	..	-83488	..	..	..	..	..	-83488	..
International aviation bunkers	..	..	..	-66335	..	..	..	..	..	-66335	..
Stock changes	..	-28	169640	-9413	..	..	..	..	..	160199	..
Total energy supply	37473	677	4156483	-1088201	6965100	*84028	71496	51149	..	10278203	*144058
Statistical difference	-17165	-8575	-28297	-102920	-3714	*-55	0	1084	..	-159643	*59975
Transfers	..	..	8256	-12435	..	..	..	..	..	-4179	..
Transformation	-45481	15723	-4185168	3725118	-2193867	-307	-71496	980759	..	-1774719	-307
Electricity plants	..	-7028	..	-383775	-2188336	-282	-71496	980759	..	-1670157	-282
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-45481	42998	..	..	..	..	..	..	..	-2482	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-20248	..	..	*-5531	..	..	..	..	-25779	..
NGL plants & gas blending	..	..	-504189	531759	..	..	..	..	..	27570	..
Oil refineries	..	..	-3680978	3577134	..	..	..	..	..	-103845	..
Other transformation	..	..	..	0	..	*-25	..	..	..	*-25	*-25
Energy industries own use	..	-7547	-7868	-111605	-508096	..	..	-42739	..	-677855	..
Losses	..	-1491	0	..	-3715	..	..	-120647	..	-125853	..
Final consumption	*9157	15937	..	2615796	4263136	*83775	..	867438	..	7855240	*83775
Final energy consumption	390	7006	..	2011676	3813967	*83775	..	867438	..	6784252	*83775
Manufacturing, const., mining	..	7006	..	128121	1406037	..	..	290448	..	1831612	..
Iron and steel	..	7006	..	..	..	..	..	..	..	7006	..
Chemical and petrochemical	..	..	..	..	399819	..	..	..	..	399819	..
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	..	128121	1006218	..	..	290448	..	1424787	..
Transport	..	..	..	1510713	*286546	..	..	*1570	..	1798829	..
Road	..	..	..	1487480	..	..	..	..	..	1487480	..
Rail	..	..	..	..	..	..	..	*1570	..	*1570	..
Domestic aviation	..	..	..	*29	..	..	..	..	..	*29	..
Domestic navigation	..	..	..	22947	..	..	..	..	..	22947	..
Pipeline transport	..	..	..	258	..	..	..	..	..	258	..
Transport, n.e.s	..	..	..	..	*286546	..	..	..	..	*286546	..
Other	390	..	..	372842	2121385	*83775	..	575420	..	3153811	*83775
Agriculture, forestry, fishing	..	..	..	105882	69771	..	..	130399	..	306052	..
Commerce, public services	..	..	..	42859	268589	..	..	145922	..	457370	..
Households	390	..	..	222241	1783025	*83775	..	282179	..	2371609	*83775
Other consumers	..	..	..	1861	..	..	..	16920	..	18781	..
Non-energy use	*8768	8931	..	604120	449169	..	..	..	..	1070988	..

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
2017											
Primary production	42562	..	9835628	..	7640818	*84172	81151	55591	..	17739922	*139763
Imports	9456	3440	47430	161171	136759	0	..	13867	..	372123	0
Exports	-1903	-1438	-5691315	-999003	-468502	..	..	-29419	..	-7191581	..
International marine bunkers	..	..	..	-58425	..	..	..	..	..	-58425	..
International aviation bunkers	..	..	..	-69819	..	..	..	..	..	-69819	..
Stock changes	..	-28	195017	0	..	..	..	..	..	194989	..
Total energy supply	50115	1974	4386759	-966075	7309075	*84172	81151	40039	..	10987210	*139763
Statistical difference	-7343	-10035	28818	61764	-6956	0	0	18770	..	85019	*55591
Transfers	..	..	8987	-12318	..	..	..	..	..	-3331	..
Transformation	-48176	16629	-4358485	3999144	-2463971	-288	-81151	1053144	..	-1883155	-288
Electricity plants	..	-9920	..	-316291	-2457527	-288	-81151	1053144	..	-1812033	-288
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-48176	46913	..	..	..	..	..	..	..	-1263	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-20364	..	..	*-6444	..	..	..	..	-26808	..
NGL plants & gas blending	..	..	-577075	608246	..	..	..	..	..	31171	..
Oil refineries	..	..	-3781410	3707188	..	..	..	..	..	-74222	..
Other transformation	..	..	..	0	..	0	..	..	..	0	0
Energy industries own use	..	*-6933	-8442	-98006	-534668	..	..	-45688	..	-693737	..
Losses	..	-1467	0	..	-6955	..	..	-121399	..	-129821	..
Final consumption	*9282	20238	..	2860981	4310437	*83884	..	907326	..	8192147	*83884
Final energy consumption	387	7612	..	2125148	3780968	*83884	..	907326	..	6905324	*83884
Manufacturing, const., mining	..	7612	..	156396	1475230	..	..	290696	..	1929934	..
Iron and steel	..	7612	..	..	1	..	..	..	..	7613	..
Chemical and petrochemical	..	..	..	..	405341	..	..	..	..	405341	..
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	..	156396	1069888	..	..	290696	..	1516980	..
Transport	..	..	..	1634328	*287775	..	..	*1717	..	1923820	..
Road	..	..	..	1634059	..	..	..	..	..	1634059	..
Rail	..	..	..	..	..	..	..	*1717	..	*1717	..
Domestic aviation	..	..	..	*27	..	..	..	..	..	*27	..
Domestic navigation	..	..	..	242	..	..	..	..	..	242	..
Pipeline transport	..	..	..	0	..	..	..	..	..	0	..
Transport, n.e.s	..	..	..	..	*287775	..	..	..	..	*287775	..
Other	387	..	..	334424	2017963	*83884	..	614912	..	3051570	*83884
Agriculture, forestry, fishing	..	..	..	105613	78265	..	..	141768	..	325646	..
Commerce, public services	..	..	..	31084	259405	..	..	154832	..	445321	..
Households	387	..	..	195911	1680293	*83884	..	300251	..	2260725	*83884
Other consumers	..	..	..	1816	..	..	..	18061	..	19878	..
Non-energy use	*8895	12626	..	735834	529469	..	..	..	..	1286823	..

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	..

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
2017											
Primary production	9574545	..	296997	1982	..	7834	..	9881358	9816
Imports	700062	..	..	..	42433	..	742495	..
Exports	-7900540	-147783	..	..	..	..	..	-8048323	..
International marine bunkers	-11554	..	..	..	..	..	-11554	..
International aviation bunkers	-28180	..	..	..	..	..	-28180	..
Stock changes	-16285	1372	..	..	..	..	..	-14914	..
Total energy supply	1657720	513916	296997	1982	..	50267	..	2520882	9816
Statistical difference	262471	146686	-78349	0	..	2315	..	333123	7834
Transfers	265433	-253776	..	..	..	..	..	11656	..
Transformation	-1530481	583481	-318483	-894	..	294170	..	-972206	-894
Electricity plants	-338781	-482207	-318483	..	..	294170	..	-845300	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-64046	68538	..	..	..	..	..	4492	..
Oil refineries	-1127655	997150	..	..	..	..	..	-130504	..
Other transformation	-894	..	..	..	-894	-894
Energy industries own use	-120978	-54457	..	..	..	-14004	..	-189439	..
Losses	-9221	..	..	..	..	-189961	..	-199183	..
Final consumption	642478	56863	1089	..	138157	..	838587	1089
Final energy consumption	630338	47600	1089	..	138157	..	817184	1089
Manufacturing, const., mining	90301	47600	..	..	18576	..	156477	..
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	90301	47600	..	..	18576	..	156477	..
Transport	399617	..	..	..	..	..	399617	..
Road	399617	..	..	..	..	..	399617	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	140420	..	1089	..	119581	..	261089	1089
Agriculture, forestry, fishing	2556	..	2556	..
Commerce, public services	8942	..	8942	..
Households	140420	..	..	..	89975	..	230395	..
Other consumers	1089	..	18108	..	19197	1089
Non-energy use	12140	9263	..	..	..	..	21403	..

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	..	..	..	104165	18242	..	24610	506	175957	40624
Imports	47943	396	136876	244728	71174	5830	..	3136	..	510084	5830
Exports	-251	-167	..	-68122	..	*-9	..	-5699	..	-74248	*-9
International marine bunkers	..	..	..	-6338	..	..	..	..	..	-6338	..
International aviation bunkers	..	..	..	-36250	..	..	..	..	..	-36250	..
Stock changes	11509	-195	-128	2977	2461	-235	..	..	..	16388	-235
Total energy supply	87636	34	136748	136995	177800	23827	..	22046	506	585592	46209
Statistical difference	16	-99	-838	6927	1499	-491	..	2239	0	9253	24118
Transfers	..	..	-840	457	..	..	..	..	..	-383	..
Transformation	-73785	1786	-136746	132669	-100094	-7711	..	84186	..	-99695	-6645
Electricity plants	-69966	..	..	-2655	-86422	-7312	..	76270	..	-90085	-6246
CHP plants	-366	..	..	-245	-11418	-399	..	7916	..	-4512	-399
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-3453	1786	..	..	..	..	..	..	..	-1667	..
Liquefaction plants	..	..	1728	..	..	..	..	..	..	1728	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-138474	135569	..	..	..	..	..	-2906	..
Other transformation	..	..	..	..	-2254	..	..	..	..	-2254	..
Energy industries own use	-473	..	..	-5296	..	..	..	-4241	..	-10009	..
Losses	..	..	..	..	-2144	..	..	-7686	..	-9830	..
Final consumption	13362	1919	..	257898	74064	*16608	..	92066	506	456423	*15446
Final energy consumption	13362	1919	..	246160	74064	*16608	..	92066	506	444684	*15446
Manufacturing, const., mining	4030	..	..	20537	31529	*9036	..	36515	..	101647	*7368
Iron and steel	..	..	..	0	..	..	..	..	..	0	..
Chemical and petrochemical	..	..	..	1130	2640	..	..	6646	..	10415	..
Non-ferrous metals	..	..	..	363	17408	..	..	2840	..	20611	..
Non-metallic minerals	3235	..	..	7668	689	3395	..	2326	..	17312	1728
Transport equipment	..	..	..	185	76	..	..	774	..	1035	..
Machinery	..	..	..	1966	5243	..	..	5450	..	12660	..
Mining and quarrying	..	..	..	1290	486	..	..	2624	..	4400	..
Food and tobacco	795	..	..	5367	4275	*905	..	7801	..	19144	*905
Paper, pulp and printing	..	..	..	87	138	..	..	857	..	1081	..
Wood and wood products	..	..	..	86	83	*4736	..	1570	..	*6474	*4736
Textile and leather	..	..	..	87	47	..	..	468	..	602	..
Construction	..	..	..	..	..	..	..	263	..	263	..
Industries n.e.s	0	..	..	2308	446	0	..	4896	..	7650	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	42534	*2662	..	55375	506	171838	*3168
Agriculture, forestry, fishing	..	..	..	7439	..	..	..	2009	..	9448	..
Commerce, public services	..	..	..	9834	19011	*1326	..	25024	7	55201	*1333
Households	9332	1919	..	42237	23523	*1336	..	28343	499	107189	*1835
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	11738	..	..	..	..	..	11738	..

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
2017											
Primary production	31144	..	..	..	119248	23253	..	29333	529	203507	48312
Imports	51199	277	137561	256297	59009	7010	..	4018	..	515370	7010
Exports	-309	-137	-12630	-78204	..	*-9	..	-6462	..	-97751	*-9
International marine bunkers	..	..	..	-6244	..	..	..	..	..	-6244	..
International aviation bunkers	..	..	..	-42601	..	..	..	..	..	-42601	..
Stock changes	-6364	-86	11346	-5989	2301	331	..	..	..	1539	331
Total energy supply	75670	54	136277	123259	180558	30585	..	26888	529	573821	55644
Statistical difference	-26	0	-449	259	-386	-394	..	3110	0	2114	28938
Transfers	..	..	-1487	1125	..	..	..	..	..	-362	..
Transformation	-62976	1659	-135238	134641	-103521	-10035	..	81083	..	-94388	-7737
Electricity plants	-59700	..	..	-1392	-89504	-9633	..	73199	..	-87030	-7335
CHP plants	-286	..	..	-47	-11756	-402	..	7884	..	-4607	-402
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-2990	1659	..	..	..	..	..	..	..	-1331	..
Liquefaction plants	..	..	1440	..	..	..	..	..	..	1440	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-136678	136080	..	..	..	..	..	-599	..
Other transformation	..	..	..	..	-2261	..	..	..	..	-2261	..
Energy industries own use	-555	..	..	-5321	..	..	..	-3964	..	-9839	..
Losses	..	..	..	..	-2075	..	..	-7834	..	-9909	..
Final consumption	12164	1714	..	253445	75348	*20945	..	93064	529	457209	*18969
Final energy consumption	12164	1714	..	242752	75348	*20945	..	93064	529	446515	*18969
Manufacturing, const., mining	3962	..	..	20684	31903	*11336	..	36918	..	104803	*8831
Iron and steel	..	..	..	0	..	..	..	..	..	0	..
Chemical and petrochemical	..	..	..	1127	2689	..	..	6721	..	10537	..
Non-ferrous metals	..	..	..	323	17516	..	..	2866	..	20704	..
Non-metallic minerals	3119	..	..	7762	701	5087	..	2354	..	19024	2582
Transport equipment	..	..	..	185	77	..	..	781	..	1044	..
Machinery	..	..	..	2013	5342	..	..	5512	..	12867	..
Mining and quarrying	..	..	..	1373	495	..	..	2653	..	4521	..
Food and tobacco	842	..	..	5609	4356	*968	..	7888	..	19663	*968
Paper, pulp and printing	..	..	..	87	140	..	..	868	..	1095	..
Wood and wood products	..	..	..	86	85	*5281	..	1588	..	*7039	*5281
Textile and leather	..	..	..	127	48	..	..	472	..	647	..
Construction	..	..	..	..	..	..	..	263	..	263	..
Industries n.e.s	0	..	..	1992	454	0	..	4954	..	7399	0
Transport	..	..	..	162735	1	7286	..	187	..	170208	7286
Road	..	..	..	157915	1	7286	..	25	..	165227	7286
Rail	..	..	..	1548	..	..	..	162	..	1710	..
Domestic aviation	..	..	..	132	..	..	..	..	..	132	..
Domestic navigation	..	..	..	3139	..	..	..	..	..	3139	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	8203	1714	..	59334	43444	*2323	..	55958	529	171504	*2852
Agriculture, forestry, fishing	..	..	..	7826	..	..	..	2009	..	9835	..
Commerce, public services	..	..	..	10696	20234	*1199	..	25297	7	57433	*1206
Households	8203	1714	..	40812	23210	*1124	..	28652	522	104237	*1646
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	10693	..	..	..	..	..	10693	..

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	..	4892	..	317441	978	..	5558	16135	346683	22671
Imports	218776	..	439503	221175	12288	649	..	..	..	892390	649
Exports	..	..	..	-240607	..	..	..	-19991	..	-260598	..
International marine bunkers	..	..	..	-6375	..	..	..	..	..	-6375	..
International aviation bunkers	..	..	..	-40175	..	..	..	..	..	-40175	..
Stock changes	9701	..	16377	3552	..	..	..	..	..	29630	..
Total energy supply	230156	..	460772	-62430	329729	1627	..	-14432	16135	961556	23320
Statistical difference	-970	..	7363	3345	-9044	0	..	14	0	709	5558
Transfers	..	..	144790	-144790	..	..	..	..	..	0	..
Transformation	-228912	..	-598199	602971	-292711	-795	..	235555	..	-282090	-795
Electricity plants	-228912	..	..	-3041	-285902	-795	..	235555	..	-283096	-795
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	4932	..	..	..	..	..	..	4932	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-603131	606013	..	..	..	..	..	2882	..
Other transformation	..	..	..	..	-6809	..	..	..	..	-6809	..
Energy industries own use	-2189	..	..	-32324	..	..	..	-11506	..	-46018	..
Losses	..	..	..	..	..	..	..	-9126	..	-9126	..
Final consumption	25	..	..	360082	46062	832	..	200477	16135	623612	16967
Final energy consumption	..	..	..	286910	46062	832	..	200477	16135	550416	16967
Manufacturing, const., mining	..	..	..	21348	42791	..	..	48398	..	112537	..
Iron and steel	..	..	..	..	..	..	..	1732	..	1732	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	1739	..	1739	..
Machinery	..	..	..	..	..	..	..	9605	..	9605	..
Mining and quarrying	..	..	..	..	..	..	..	8446	..	8446	..
Food and tobacco	..	..	..	..	..	..	..	6203	..	6203	..
Paper, pulp and printing	..	..	..	..	..	..	..	288	..	288	..
Wood and wood products	..	..	..	..	..	..	..	2232	..	2232	..
Textile and leather	..	..	..	..	..	..	..	781	..	781	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	..	..	..	21348	42791	..	..	17374	..	81512	..
Transport	..	..	..	242522	..	..	..	..	..	242522	..
Road	..	..	..	241508	..	..	..	..	..	241508	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	1014	..	..	..	..	..	1014	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	23040	3272	832	..	152078	16135	195357	16967
Agriculture, forestry, fishing	..	..	..	..	..	..	..	9659	..	9659	..
Commerce, public services	..	..	..	5345	..	..	..	63940	..	69285	..
Households	..	..	..	5620	..	*183	..	65354	16135	87293	16318
Other consumers	..	..	..	12075	3272	649	..	13126	..	29121	649
Non-energy use	25	..	..	73172	..	..	..	..	..	73196	..

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
2017											
Primary production	1783	..	3233	..	346680	1143	..	6088	16135	375061	23366
Imports	212185	..	499567	210108	17415	649	..	..	..	939924	649
Exports	..	..	..	-243678	-2565	..	..	-20336	..	-266579	..
International marine bunkers	..	..	..	-9603	..	..	..	..	..	-9603	..
International aviation bunkers	..	..	..	-45026	..	..	..	..	..	-45026	..
Stock changes	-5905	..	-27607	4313	..	..	..	..	..	-29199	..
Total energy supply	208062	..	475193	-83886	361530	1792	..	-14249	16135	964577	24015
Statistical difference	-1470	..	15290	-35742	-1088	0	..	1048	0	-21963	6088
Transfers	..	..	118673	-118673	..	..	..	..	..	0	..
Transformation	-208735	..	-578576	579233	-315292	-960	..	237542	..	-286787	-960
Electricity plants	-208735	..	..	-7872	-308213	-960	..	237542	..	-288237	-960
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	5112	..	..	..	..	..	..	5112	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-583688	587104	..	..	..	..	..	3416	..
Other transformation	..	..	..	..	-7079	..	..	..	..	-7079	..
Energy industries own use	-772	..	..	-28364	..	..	..	-10998	..	-40134	..
Losses	..	..	..	..	..	..	..	-8593	..	-8593	..
Final consumption	25	..	..	384052	47327	832	..	202655	16135	651025	16967
Final energy consumption	..	..	..	304708	47327	832	..	202655	16135	571656	16967
Manufacturing, const., mining	..	..	..	23744	43965	..	..	46591	..	114300	..
Iron and steel	..	..	..	..	..	..	..	1667	..	1667	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	12904	..	..	..	..	..	12904	..
Transport equipment	..	..	..	..	..	..	..	1674	..	1674	..
Machinery	..	..	..	..	..	..	..	9248	..	9248	..
Mining and quarrying	..	..	..	..	..	..	..	8129	..	8129	..
Food and tobacco	..	..	..	..	..	..	..	5969	..	5969	..
Paper, pulp and printing	..	..	..	..	..	..	..	277	..	277	..
Wood and wood products	..	..	..	..	..	..	..	2149	..	2149	..
Textile and leather	..	..	..	..	..	..	..	752	..	752	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	..	..	..	10840	43965	..	..	16726	..	71530	..
Transport	..	..	..	247807	..	..	..	..	..	247807	..
Road	..	..	..	246748	..	..	..	..	..	246748	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	1058	..	..	..	..	..	1058	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	33157	3362	832	..	156064	16135	209549	16967
Agriculture, forestry, fishing	..	..	..	..	..	..	..	10530	..	10530	..
Commerce, public services	..	..	..	5345	..	..	..	64368	..	69713	..
Households	..	..	..	5573	..	183	..	66856	16135	88746	16318
Other consumers	..	..	..	22239	3362	649	..	14310	..	40560	649
Non-energy use	25	..	..	79345	..	..	..	..	..	79370	..

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	496061	..	296010	241627	1400122	984162
Imports	431096	27944	2580419	880449	2238588	104670	..	155452	..	6418618	104670
Exports	0	-10846	-26425	-1235256	-7269	-9480	..	-22154	..	-1311431	-9480
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	591140	..	429307	241627	6334001	1079241
Statistical difference	0	-62	-300	-54109	0	64	..	0	0	-54407	319528
Transfers	..	..	299108	-299108	..	..	..	..	..	0	..
Transformation	-427413	10381	-3046006	2880400	-951887	-257029	..	740585	-4177	-1055146	-423642
Electricity plants	-342543	0	..	-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	..	..	-3046006	3064290	..	..	..	..	..	18284	..
Other transformation	..	5402	..	-2375	..	*-321	..	..	..	2706	*-321
Energy industries own use	0	-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	..	0	..	16615	40050	3590	..	50080	36625	146960	326
Non-ferrous metals	..	0	..	2197	16347	..	..	8917	7	27468	..
Non-metallic minerals	9786	0	..	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	96919	19
Wood and wood products	..	..	..	..	1308	*6242	..	10674	1384	19608	*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	*3428	..	54526	4933	67094	*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	..

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
2017											
Primary production	0	..	185837	..	189910	523857	..	281948	239044	1420596	997362
Imports	382267	19405	2811020	784828	2388299	103732	..	154422	..	6643974	103732
Exports	0	-9903	-29633	-1326804	-9347	-13779	..	-18482	..	-1407948	-13779
International marine bunkers	..	..	..	-97283	..	..	..	..	..	-97283	..
International aviation bunkers	..	..	..	-146809	..	..	..	..	..	-146809	..
Stock changes	-1004	-58	13374	5319	8071	-1325	..	..	..	24378	-1325
Total energy supply	381263	9444	2980598	-780748	2576934	612485	..	417888	239044	6436908	1085991
Statistical difference	-25	-34	19120	-29764	-1	-7	..	0	0	-10711	305061
Transfers	..	..	236027	-236027	..	..	..	..	..	0	..
Transformation	-372446	16085	-3197506	3047982	-1056159	-254456	..	776477	8593	-1031429	-418939
Electricity plants	-301929	0	..	-21163	-360914	-108434	..	380009	-223236	-635667	-292096
CHP plants	-2259	-28414	..	-154021	-685207	-141272	..	396468	219888	-394816	-121300
Heat plants	..	..	..	-86	-10339	*-4127	..	..	11941	-2612	*-4920
Coke ovens	-56690	64855	..	..	..	..	..	..	..	8165	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-11569	-24215	..	..	..	..	..	..	..	-35784	..
NGL plants & gas blending	..	..	..	..	302	-302	..	..	..	-1	-302
Oil refineries	..	..	-3197506	3226173	..	..	..	..	..	28667	..
Other transformation	..	3859	..	-2920	..	*-321	..	..	..	618	*-321
Energy industries own use	0	-1942	..	-128755	-59320	..	..	-76082	-58757	-324857	..
Losses	..	..	..	..	-13788	..	..	-67205	-2423	-83416	..
Final consumption	8842	23620	..	1932216	1447668	*358037	..	1051078	186457	5007918	*361991
Final energy consumption	6759	23620	..	1627866	1420223	*358037	..	1051078	186457	4674040	*361991
Manufacturing, const., mining	6759	23620	..	82937	371392	*26162	..	416196	120858	1047925	*16429
Iron and steel	552	23620	..	2909	52580	..	..	67410	6795	153866	..
Chemical and petrochemical	..	0	..	12821	42211	3396	..	51422	43264	153114	309
Non-ferrous metals	..	0	..	1976	17898	..	..	9202	10	29086	..
Non-metallic minerals	6207	0	..	37514	83905	*11175	..	32058	5294	176154	*5599
Transport equipment	..	..	..	..	..	..	..	12924	4656	17580	..
Machinery	..	..	..	10668	59433	219	..	75197	1221	146738	*95
Mining and quarrying	..	..	..	1232	1302	..	..	2182	33	4749	..
Food and tobacco	..	..	..	7975	49154	*1862	..	44687	15855	119533	*1862
Paper, pulp and printing	..	..	..	2345	27528	18	..	30974	34889	95754	18
Wood and wood products	..	..	..	..	1378	*6696	..	10724	1507	20305	*6459
Textile and leather	..	..	..	2950	25511	4	..	18590	1678	48733	4
Construction	..	..	..	1333	9581	*32	..	4990	7	15943	*32
Industries n.e.s	0	0	..	1216	910	*2760	..	55836	5649	66371	*2051
Transport	..	..	..	1336941	44553	43855	..	40979	..	1466327	43855
Road	..	..	..	1265267	35465	43855	..	299	..	1344885	43855
Rail	..	..	..	1419	..	..	..	19854	..	21273	..
Domestic aviation	..	..	..	33516	..	..	..	..	..	33516	..
Domestic navigation	..	..	..	36739	..	..	..	..	..	36739	..
Pipeline transport	..	..	..	..	9087	..	..	1368	..	10455	..
Transport, n.e.s	..	..	..	..	..	..	..	19458	..	19458	..
Other	..	..	..	207989	1004278	*288020	..	593903	65599	2159788	*301707
Agriculture, forestry, fishing	..	..	..	91762	5693	*1477	..	21564	2528	123023	3566
Commerce, public services	..	..	..	23407	275918	*3697	..	336571	17993	657586	8790
Households	..	..	..	89160	722668	*282846	..	235768	44393	1374834	*289351
Other consumers	..	..	..	3660	..	..	..	..	685	4345	..
Non-energy use	2083	..	..	304349	27446	..	..	..	..	333878	..

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	4878	..	1224	..	6102	6102
Imports	2531	..	52558	72864	319	1394	..	..	..	129665	1394
Exports	-19557	..	..	..	..	..	-19557	..
International marine bunkers	-1294	..	..	..	..	..	-1294	..
International aviation bunkers
Stock changes	-15	..	..	1359	..	..	..	..	..	1343	..
Total energy supply	2516	..	52558	53371	319	6271	..	1224	..	116259	7495
Statistical difference	10	..	1464	185	0	-18	..	-54	..	1587	1206
Transfers
Transformation	-48848	9785	*-319	*-603	..	14407	..	-25578	*-603
Electricity plants	*-35804	*-319	..	..	14407	..	*-21716	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-48848	45588	..	..	..	..	..	-3260	..
Other transformation	*-603	..	..	..	*-603	*-603
Energy industries own use	-2246	..	..	..	..	-47	..	-2293	..
Losses	0	..	..	..	..	-4176	..	-4176	..
Final consumption	2505	..	..	62971	..	5686	..	11462	..	82624	5686
Final energy consumption	2505	..	..	59948	..	5686	..	11462	..	79601	5686
Manufacturing, const., mining	2505	..	..	25696	..	2927	..	5076	..	36204	2927
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	166	..	166	..
Transport equipment
Machinery
Mining and quarrying	24807	..	..	..	*3283	..	28091	..
Food and tobacco	2868	..	166	..	3034	2868
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	2505	..	..	396	..	..	..	130	..	3030	..
Industries n.e.s	0	..	..	493	..	59	..	1332	..	1884	59
Transport	29430	..	1394	..	..	..	30824	1394
Road	28388	..	1394	..	..	..	29781	1394
Rail
Domestic aviation	53	..	..	..	..	..	53	..
Domestic navigation	990	..	..	..	..	..	990	..
Pipeline transport
Transport, n.e.s
Other	4822	..	1366	..	6386	..	12574	1366
Agriculture, forestry, fishing	583	..	..	..	90	..	673	..
Commerce, public services	199	..	738	..	2412	..	3349	738
Households	1509	..	628	..	3884	..	6021	628
Other consumers	2530	..	0	..	..	..	2530	0
Non-energy use	3023	..	..	..	..	..	3023	..

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
2017											
Primary production	*3975	..	1753	..	*5728	5728
Imports	2482	..	49288	74255	3680	..	..	..	..	129706	..
Exports	-19880	..	..	..	..	..	-19880	..
International marine bunkers	-2189	..	..	..	..	..	-2189	..
International aviation bunkers
Stock changes	-359	..	..	-2055	..	..	..	..	..	-2414	..
Total energy supply	2123	..	49288	50132	3680	*3975	..	1753	..	110952	5728
Statistical difference	21	..	-317	5568	0	0	..	-220	..	5052	1753
Transfers
Transformation	-47156	13032	*-3680	*-603	..	13943	..	-24465	*-603
Electricity plants	*-30594	*-3680	..	..	13943	..	*-20331	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-47156	43626	..	..	..	..	..	-3530	..
Other transformation	*-603	..	..	..	*-603	*-603
Energy industries own use	-2449	..	..	..	..	-65	..	-2514	..
Losses	0	..	..	..	..	-4147	..	-4147	..
Final consumption	2103	..	..	57596	..	3372	..	11704	..	74774	3372
Final energy consumption	2103	..	..	55119	..	3372	..	11704	..	72297	3372
Manufacturing, const., mining	2103	..	..	20527	..	2024	..	4889	..	29543	2024
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	*180	..	*180	..
Transport equipment
Machinery
Mining and quarrying	19398	..	..	..	*3053	..	22451	..
Food and tobacco	1965	..	*180	..	2145	1965
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	2103	..	..	516	..	..	..	*144	..	2763	..
Industries n.e.s	0	..	..	614	..	60	..	1332	..	2005	60
Transport	27869	..	..	..	..	..	27869	..
Road	26549	..	..	..	..	..	26549	..
Rail
Domestic aviation	273	..	..	..	..	..	273	..
Domestic navigation	1046	..	..	..	..	..	1046	..
Pipeline transport
Transport, n.e.s
Other	6722	..	*1348	..	6815	..	14885	*1348
Agriculture, forestry, fishing	1347	..	..	..	151	..	1498	..
Commerce, public services	155	..	*738	..	2394	..	3287	*738
Households	1443	..	*610	..	3848	..	5901	*610
Other consumers	3778	..	..	..	421	..	4199	..
Non-energy use	2477	..	..	..	..	..	2477	..

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	..	18632	..	102544	540171	195048	469843	105789	1459628	878293
Imports	4731670	59328	6850075	1714475	4153996	*38718	..	..	..	17548261	*38718
Exports	-43	-29955	..	-766973	..	..	..	..	..	-796970	..
International marine bunkers	..	..	..	-180921	..	..	..	..	..	-180921	..
International aviation bunkers	..	..	..	-280167	..	..	..	..	..	-280167	..
Stock changes	..	-2247	65105	9965	1255	..	..	..	..	74077	..
Total energy supply	4759227	27126	6933812	496379	4257795	578889	195048	469843	105789	17823907	917011
Statistical difference	-139244	33756	-5877	140887	-38022	14510	0	37436	-2356	41090	491125
Transfers	..	..	154955	-157969	..	..	..	..	..	-3014	..
Transformation	-4467272	618484	-7087464	6426288	-3029197	-302821	-195048	3323776	-69698	-4782952	*-228025
Electricity plants	-2875960	-294425	-100441	-598020	-3078789	-297364	-195048	3327412	-90036	-4202672	*-227411
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	-162	-13486	..	..	-3636	20338	3055	..
Coke ovens	-1234305	1273347	..	-20622	..	-4843	..	..	..	13577	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-357006	-442630	..	..	..	..	..	..	..	-799636	..
NGL plants & gas blending	..	..	..	-51461	63078	-117	..	..	..	11500	-117
Oil refineries	..	..	-6987024	7106288	..	..	..	..	..	119265	..
Other transformation	..	82193	..	-9736	..	*-497	..	..	..	71960	*-497
Energy industries own use	-12815	-123092	-2316	-277250	-62853	-4055	..	-172796	-470	-655648	-4055
Losses	..	..	..	..	..	..	..	-164160	..	-164160	..
Final consumption	418385	488762	4864	6346559	1203767	*257503	..	3419226	37977	12177043	*193806
Final energy consumption	418359	473821	807	4959700	1193596	*257503	..	3419226	37977	10760989	*193806
Manufacturing, const., mining	417927	470057	807	870580	470766	*157207	..	1233745	27	3621115	*116500
Iron and steel	100611	400371	..	60320	102852	1420	..	251381	..	916954	..
Chemical and petrochemical	113527	47391	807	464489	91267	5244	..	201413	..	924137	..
Non-ferrous metals	2085	7366	..	18685	20182	1421	..	45176	..	94915	..
Non-metallic minerals	129800	12390	..	89483	31865	26253	..	65066	..	354857	*5121
Transport equipment	178	2422	..	8561	26871	..	..	94892	..	132925	..
Machinery	..	29	..	26223	43355	*3	..	176832	..	246442	*3
Mining and quarrying	25	29	..	8560	4521	..	..	3989	..	17124	..
Food and tobacco	178	58	..	55825	78764	*3394	..	92185	4	230408	*3398
Paper, pulp and printing	71422	0	..	29970	22766	*118093	..	111964	..	354213	*106576
Wood and wood products	..	..	..	4621	968	*1379	..	13414	..	20381	*1379
Textile and leather	127	..	..	12639	9975	..	..	14166	..	36907	..
Construction	..	..	..	60902	2792	..	..	21409	..	85103	..
Industries n.e.s	-25	0	0	30303	34591	0	..	141858	23	206749	*23
Transport	51	..	..	2907235	2534	16183	..	62856	..	2988859	16183
Road	..	..	..	2630025	2534	16183	..	..	..	2648743	16183
Rail	51	..	..	6837	..	..	..	62856	..	69744	..
Domestic aviation	..	..	..	142355	..	..	..	..	..	142355	..
Domestic navigation	..	..	..	128017	..	..	..	..	..	128017	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	381	3764	..	1181885	720296	*84113	..	2122625	37950	4151015	*61123
Agriculture, forestry, fishing	..	..	..	202629	108	..	..	10652	470	213860	470
Commerce, public services	381	3764	..	469170	352634	*57727	..	1149955	24053	2057685	*47010
Households	..	..	..	510086	367554	354	..	962017	13126	1853137	12361
Other consumers	..	..	..	..	..	26032	..	..	301	26333	*1282
Non-energy use	25	14941	4057	1386860	10171	..	..	..	..	1416054	..

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
2017											
Primary production	32402	..	18438	..	107250	590256	355450	519883	103495	1727174	957377
Imports	4840452	37077	6646906	1883293	4112007	*49555	..	..	..	17569290	*49555
Exports	-73	-35940	..	-734271	..	..	..	..	..	-770285	..
International marine bunkers	..	..	..	-169024	..	..	..	..	..	-169024	..
International aviation bunkers	..	..	..	-293353	..	..	..	..	..	-293353	..
Stock changes	..	2334	37675	6899	5020	..	..	..	..	51928	..
Total energy supply	4872781	3471	6703019	693543	4224278	639811	355450	519883	103495	18115730	1006933
Statistical difference	-140564	20251	18666	164576	42398	13234	0	24570	-2629	140503	541259
Transfers	..	..	168003	-170359	..	..	..	..	..	-2356	..
Transformation	-4567302	639328	-6838057	6250397	-2877855	-359794	-355450	3296171	-68017	-4880580	*-263886
Electricity plants	-2955988	-282896	-57104	-536951	-2933639	-354421	-355450	3299767	-88452	-4265134	*-263260
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	-162	-13551	..	..	-3596	20435	3126	..
Coke ovens	-1239341	1256225	..	-18409	..	-4747	..	..	..	-6272	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-371973	-409199	..	..	..	..	..	..	..	-781173	..
NGL plants & gas blending	..	..	..	-57550	69335	-129	..	..	..	11656	-129
Oil refineries	..	..	-6780952	6872707	..	..	..	..	..	91755	..
Other transformation	..	75198	..	-9238	..	*-497	..	..	..	65463	*-497
Energy industries own use	-11879	-121041	-2817	-250317	-48364	-3108	..	-175115	-660	-613301	-3108
Losses	..	..	..	..	..	..	..	-146311	..	-146311	..
Final consumption	434163	501506	11481	6358688	1255660	*263675	..	3470058	37447	12332678	*198680
Final energy consumption	434163	486064	974	4922216	1246287	*263675	..	3470058	37447	10860883	*198680
Manufacturing, const., mining	433438	481745	974	850398	477263	*162025	..	1247036	27	3652905	*119174
Iron and steel	100932	414513	..	56418	103343	1444	..	254970	..	931620	..
Chemical and petrochemical	117392	46163	974	467741	94853	5980	..	200048	..	933151	..
Non-ferrous metals	1863	6955	..	15946	18770	1334	..	46670	..	91538	..
Non-metallic minerals	136646	11633	..	83386	32007	27733	..	63900	..	355306	*5559
Transport equipment	181	2422	..	8189	30263	..	..	100739	..	141793	..
Machinery	..	29	..	25286	43745	*4	..	181894	..	250957	*4
Mining and quarrying	0	0	..	8043	4638	..	..	3906	..	16587	..
Food and tobacco	26	29	..	48606	80635	*3403	..	89237	4	221939	*3407
Paper, pulp and printing	76398	0	..	28206	23422	*120637	..	110509	..	359171	*108691
Wood and wood products	..	..	..	5084	945	*1490	..	13133	..	20652	*1490
Textile and leather	0	..	..	11655	9239	..	..	14357	..	35250	..
Construction	..	..	..	63561	2630	..	..	22676	..	88867	..
Industries n.e.s	0	0	0	28278	32777	0	..	144997	23	206075	*23
Transport	52	..	..	2882568	2152	17614	..	62856	..	2965241	17614
Road	..	..	..	2604110	2152	17614	..	..	..	2623876	17614
Rail	52	..	..	6837	..	..	..	62856	..	69745	..
Domestic aviation	..	..	..	144869	..	..	..	..	..	144869	..
Domestic navigation	..	..	..	126752	..	..	..	..	..	126752	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	673	4319	..	1189250	766872	*84037	..	2160166	37420	4242737	*61893
Agriculture, forestry, fishing	..	..	..	197354	79	..	..	11826	470	209729	470
Commerce, public services	673	4319	..	445017	381202	*59820	..	1164539	24190	2079760	*48466
Households	..	..	..	546879	385591	354	..	983801	12459	1929083	11675
Other consumers	..	..	..	..	..	23863	..	..	301	24164	*1282
Non-energy use	0	15442	10507	1436472	9374	..	..	..	..	1471796	..

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	-3362	..	..	..	..	..	-4349	..
Total energy supply	8710	787	123861	89440	127710	3661	..	6362	..	360530	6983
Statistical difference	0	0	0	-22	-1	0	..	716	..	693	3323
Transfers
Transformation	-123861	105630	-127711	*-1284	..	*67705	..	-79521	*-1284
Electricity plants	-16043	-127711	-100	..	*67705	..	-76149	-100
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-123861	121673	..	..	..	..	..	-2188	..
Other transformation	*-1184	..	..	..	*-1184	*-1184
Energy industries own use	*-1930	..	..	..	-3174	..	-5104	..
Losses	-9683	..	-9683	..
Final consumption	8710	787	..	193162	..	*2377	..	60494	..	265530	*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	10543	..	..	..	..	..	10543	..

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
2017											
Primary production	12	..	3462	3361	..	3882	..	10718	7243
Imports	5222	1253	118440	118456	181812	587	..	540	..	426310	587
Exports	-38326	-9	..	-603	..	-38938	-9
International marine bunkers	-3108	..	..	..	..	..	-3108	..
International aviation bunkers	-2799	..	..	..	..	..	-2799	..
Stock changes	-685	-7550	..	..	..	..	..	-8235	..
Total energy supply	5222	1253	117767	104999	146948	3939	..	3819	..	383947	7821
Statistical difference	0	0	-1371	-8598	0	0	..	-863	..	-10832	3882
Transfers
Transformation	-119138	101262	-146948	*-1310	..	*70854	..	-95280	*-1310
Electricity plants	*-13272	-146948	-100	..	*70854	..	-89467	-100
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-119138	114535	..	..	..	..	..	-4603	..
Other transformation	*-1210	..	..	..	*-1210	*-1210
Energy industries own use	*-1781	..	..	..	-2862	..	-4643	..
Losses	-9410	..	-9410	..
Final consumption	5222	1253	..	213079	..	*2629	..	63264	..	285446	*2629
Final energy consumption	5222	1253	..	203069	..	*2629	..	63264	..	275436	*2629
Manufacturing, const., mining	5222	1253	..	20181	..	..	..	13626	..	40282	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	1757	..	1757	..
Transport equipment
Machinery
Mining and quarrying	1584	..	1584	..
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	5222	1253	..	20181	..	..	..	10285	..	36941	..
Transport	139274	..	..	..	..	..	139274	..
Road	122365	..	..	..	..	..	122365	..
Rail
Domestic aviation	16815	..	..	..	..	..	16815	..
Domestic navigation
Pipeline transport
Transport, n.e.s	94	..	..	..	..	..	94	..
Other	43613	..	*2629	..	49638	..	95880	*2629
Agriculture, forestry, fishing	9557	..	9557	..
Commerce, public services	7246	..	..	..	11009	..	18255	..
Households	26706	..	*644	..	29072	..	56421	*644
Other consumers	9662	..	*1985	..	..	..	11647	*1985
Non-energy use	10010	..	..	..	..	..	10010	..

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	1809315	..	3324431	..	1467795	2202	..	43137	..	6646879	45338
Imports	447	20976	973	78074	240908	388	..	4747	..	346513	388
Exports	-474321	-809	-2600259	-173309	-519746	-3	..	-9258	..	-3777704	-3
International marine bunkers	..	..	..	-43	..	..	..	..	..	-43	..
International aviation bunkers	..	..	..	*-14553	..	..	..	..	..	*-14553	..
Stock changes	-39273	-502	-8333	21536	13877	..	..	..	..	-12695	..
Total energy supply	1296168	19665	716812	-88295	1202835	2586	..	38626	..	3188397	45723
Statistical difference	-111613	-1005	-15524	-45285	41455	0	..	-28	7	-131993	43137
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-897317	51073	*-635638	583902	-231892	*-25	..	340718	361022	-428158	*-25
Electricity plants	..	..	..	..	..	..	..	..	..	..	..
CHP plants	-811362	..	..	-23028	-231892	..	..	340718	361022	-364541	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-85956	89151	..	..	..	..	..	..	..	3196	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	*-38078	..	..	..	..	..	..	..	*-38078	..
NGL plants & gas blending	..	..	-56001	*59929	..	..	..	..	..	*3928	..
Oil refineries	..	..	*-579637	547001	..	..	..	..	..	*-32636	..
Other transformation	..	..	..	..	..	*-25	..	..	..	*-25	*-25
Energy industries own use	-9999	-16909	-66707	*-14181	-752495	..	..	-122884	-80177	-1063351	..
Losses	-31307	..	-7995	-904	-20399	..	..	-19256	-31795	-111655	..
Final consumption	469159	*54834	21996	525808	156595	*2561	..	237232	249044	1717227	*2561
Final energy consumption	469159	*54834	21996	500924	138720	*2561	..	237232	249044	1674469	*2561
Manufacturing, const., mining	309444	*54834	21996	164254	69179	..	..	159278	77686	856672	..
Iron and steel	94139	*54643	..	*18226	12851	..	..	45738	30524	256121	..
Chemical and petrochemical	843	..	..	*1314	17875	..	..	8327	6202	34561	..
Non-ferrous metals	27184	..	..	*14755	7708	..	..	31586	315	81548	..
Non-metallic minerals	*88	..	..	2395	..	..	..	5195	..	7678	..
Transport equipment	74	..	..	86	279	..	..	162	500	1101	..
Machinery	1167	..	..	390	622	..	..	1073	1559	4811	..
Mining and quarrying	41165	..	..	36825	18375	..	..	18436	11185	125986	..
Food and tobacco	1361	..	..	2644	8978	..	..	4993	6948	24925	..
Paper, pulp and printing	28	..	..	210	741	..	..	238	759	1975	..
Wood and wood products	19	..	..	43	39	..	..	112	119	331	..
Textile and leather	41	..	..	86	310	..	..	464	324	1225	..
Construction	1080	..	..	82643	1402	..	..	1638	1328	88091	..
Industries n.e.s	142256	*190	21996	4637	0	..	..	41317	17923	228320	..
Transport	0	..	..	*218086	..	..	..	11682	..	*229768	..
Road	..	..	..	*204767	..	..	..	410	..	*205177	..
Rail	0	..	..	8858	..	..	..	2956	..	11814	..
Domestic aviation	..	..	..	*4161	..	..	..	..	..	*4161	..
Domestic navigation	..	..	..	301	..	..	..	..	..	301	..
Pipeline transport	..	..	..	..	..	..	..	1577	..	1577	..
Transport, n.e.s	0	..	..	..	..	..	..	6739	..	6739	..
Other	159715	..	..	118583	69540	*2561	..	66271	171358	588029	*2561
Agriculture, forestry, fishing	4495	..	..	19501	1045	..	..	2259	3605	30904	..
Commerce, public services	30542	..	..	13881	38744	..	..	20077	72859	176103	..
Households	124678	..	..	79324	11876	*1712	..	43935	44602	306128	*1712
Other consumers	0	..	..	*5878	17875	849	..	..	50292	74894	849
Non-energy use	..	..	..	*24884	17875	..	..	..	..	*42759	..

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
2017											
Primary production	1980795	..	3671262	..	1663122	2202	..	41915	..	7359295	44116
Imports	74	23915	1777	83278	220390	426	..	4777	..	334638	426
Exports	-534120	-1275	-2929548	-185370	-624407	..	..	-20491	..	-4295211	..
International marine bunkers	..	..	..	0	..	..	..	..	..	0	..
International aviation bunkers	..	..	..	*-21036	..	..	..	..	..	*-21036	..
Stock changes	-46265	..	*-2411	16630	-10204	..	..	..	..	-42251	..
Total energy supply	1400484	22640	741079	-106498	1248901	2628	..	26201	..	3335435	44543
Statistical difference	-191277	0	-4568	-72905	36900	0	..	-28897	39401	-221346	41915
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-992814	47391	*-669042	628245	-235655	*-51	..	329346	371187	-521393	*-51
Electricity plants	..	..	..	..	..	..	..	..	..	..	..
CHP plants	-908716	..	..	-8888	-235655	..	..	329346	371187	-452726	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-84098	92680	..	..	..	..	..	..	..	8583	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-45289	..	..	..	..	..	..	..	-45289	..
NGL plants & gas blending	..	..	-54720	58557	..	..	..	..	..	3838	..
Oil refineries	..	..	*-614323	578576	..	..	..	..	..	*-35747	..
Other transformation	..	..	..	..	..	*-51	..	..	..	*-51	*-51
Energy industries own use	-8391	-17515	-36928	-26600	-811725	..	..	-110891	-88883	-1100933	..
Losses	-234	-75	-16835	-464	-20174	..	..	-23080	-34561	-95424	..
Final consumption	590322	52440	*22842	567588	*144446	2577	..	250474	208342	1839031	2577
Final energy consumption	590322	52440	*22842	539005	*127957	2577	..	250474	208342	1793959	2577
Manufacturing, const., mining	388455	52440	*22842	150674	*63812	..	..	170662	79179	928064	..
Iron and steel	97344	52255	..	22020	*11854	..	..	47282	29034	259790	..
Chemical and petrochemical	818	..	..	1556	*16488	..	..	14562	4897	38321	..
Non-ferrous metals	30521	..	..	18905	*7110	..	..	21769	648	78953	..
Non-metallic minerals	59	..	..	18774	..	..	..	5688	..	24520	..
Transport equipment	58	..	..	86	*257	..	..	166	644	1211	..
Machinery	853	..	..	343	*573	..	..	1415	1256	4440	..
Mining and quarrying	39090	..	..	47597	*16950	..	..	13910	11015	128561	..
Food and tobacco	1509	..	..	4360	*8282	..	..	4460	6366	24978	..
Paper, pulp and printing	26	..	..	288	*683	..	..	288	666	1951	..
Wood and wood products	19	..	..	86	*36	..	..	112	135	387	..
Textile and leather	63	..	..	86	*285	..	..	457	218	1110	..
Construction	989	..	..	15995	*1293	..	..	1588	5674	25538	..
Industries n.e.s	217108	185	*22842	20579	0	..	..	58964	18626	338304	..
Transport	0	..	..	229527	..	..	..	14468	..	243995	..
Road	..	..	..	201370	..	..	..	407	..	201777	..
Rail	0	..	..	11223	..	..	..	4838	..	16061	..
Domestic aviation	..	..	..	5668	..	..	..	..	..	5668	..
Domestic navigation	..	..	..	258	..	..	..	..	..	258	..
Pipeline transport	..	..	..	..	..	..	..	1674	..	1674	..
Transport, n.e.s	0	..	..	11008	..	..	..	7549	..	18557	..
Other	201867	..	..	158804	*64145	2577	..	65344	129163	621900	2577
Agriculture, forestry, fishing	4638	..	..	23508	*964	..	..	2585	3762	35457	..
Commerce, public services	35863	..	..	21400	*35738	..	..	19516	88089	200605	..
Households	161190	..	..	91817	*10955	1783	..	43243	32935	341923	1783
Other consumers	*176	..	..	22080	*16488	794	..	..	4377	43914	794
Non-energy use	..	..	..	28582	16490	..	..	..	..	45072	..

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	..

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
2017											
Primary production	556330	..	10217	171227	737774	737774
Imports	11945	..	0	287882	..	..	..	827	..	300654	..
Exports	0	-72626	..	..	..	-44	..	-72670	..
International marine bunkers	-320	..	..	..	..	..	-320	..
International aviation bunkers	-33592	..	..	..	..	..	-33592	..
Stock changes	0	0	..	..	..	..	..	0	..
Total energy supply	11945	..	0	181345	..	556330	..	11000	171227	931847	737774
Statistical difference	0	..	0	-14913	..	0	..	-1478	0	-16390	27340
Transfers
Transformation	0	-12205	..	-197059	..	26245	-171227	-354246	-351163
Electricity plants	-12205	..	-16800	..	26245	-171227	-173987	-170904
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	-180259	..	..	..	-180259	-180259
Energy industries own use	0	..	..	..	-180	..	-180	..
Losses	-7075	..	-7075	..
Final consumption	11945	..	..	184052	..	*359271	..	31467	..	*586736	*359271
Final energy consumption	11945	..	..	181716	..	*359271	..	31467	..	*584400	*359271
Manufacturing, const., mining	11945	..	..	16085	..	14367	..	19433	..	61830	14367
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	11945	..	..	..	..	..	..	..	..	11945	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	1292	..	1292	..
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	16085	..	14367	..	18140	..	48592	14367
Transport	138054	..	..	..	..	..	138054	..
Road	137482	..	..	..	..	..	137482	..
Rail	508	..	..	..	..	..	508	..
Domestic aviation	64	..	..	..	..	..	64	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	27577	..	*344904	..	12035	..	*384516	*344904
Agriculture, forestry, fishing	2243	..	..	..	..	..	2243	..
Commerce, public services	3020	..	3020	..
Households	25121	..	227921	..	9014	..	262056	227921
Other consumers	213	..	*116983	..	0	..	*117196	*116983
Non-energy use	2336	..	..	..	..	..	2336	..

Kiribati

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	..
2017								
Primary production	*540	..	*18	*558	*558
Imports	..	*915	..	1	..	..	*916	1
Exports
International marine bunkers
International aviation bunkers	..	*-21	..	..	..	..	*-21	..
Stock changes
Total energy supply	..	*895	..	*541	..	*18	*1454	*559
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	..	*519	*12	*88	*1196	*531
Final energy consumption	..	*570	..	*519	*12	*88	*1190	*531
Manufacturing, const., mining	..	*9	..	..	..	*9	*18	..
Transport	..	*373	..	..	..	..	*373	..
Road	..	*291	..	..	..	..	*291	..
Domestic aviation	..	*26	..	..	..	..	*26	..
Domestic navigation	..	*56	..	..	..	..	*56	..
Other transport
Other	..	*189	..	*519	*12	*79	*799	*531
Agriculture, forestry, fishing	..	*83	..	..	..	..	*83	..
Commerce and public services	..	*26	..	..	..	*43	*69	..
Households	..	*79	..	*519	*12	*32	*643	*531
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
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, 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
2017											
Primary production	556687	..	..	..	..	46604	..	42840	..	646131	89444
Imports	18222	5048	22504	17341	..	..	..	..	..	63114	..
Exports	*-129965	..	..	..	..	..	..	..	..	*-129965	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	*-271851	..	..	..	..	..	..	..	..	*-271851	..
Total energy supply	173093	5048	22504	17341	..	46604	..	42840	..	307429	89444
Statistical difference	-333	56	0	0	..	0	..	4	..	-273	42840
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-23360	-2585	-22504	7983	..	-9692	..	11747	..	-38412	-9692
Electricity plants	-23360	..	..	-14140	..	..	..	11747	..	-25754	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-2585	..	..	..	..	..	..	..	-2585	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-22504	22123	..	..	..	..	..	-381	..
Other transformation	..	..	..	..	..	-9692	..	..	..	-9692	-9692
Energy industries own use	..	..	..	-646	..	..	..	-5173	..	-5820	..
Losses	..	..	..	..	..	..	..	-8629	..	-8629	..
Final consumption	150066	2406	..	24677	..	36912	..	40781	..	254842	36912
Final energy consumption	150066	2406	..	24677	..	36912	..	40781	..	254842	36912
Manufacturing, const., mining	114170	2406	..	3757	..	..	..	20390	..	140724	..
Iron and steel	..	2406	..	..	..	..	..	..	..	2406	..
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	114170	0	..	3757	..	..	..	20390	..	138317	..
Transport	..	..	..	19256	..	..	..	..	..	19256	..
Road	..	..	..	19256	..	..	..	..	..	19256	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	35896	..	..	1664	..	36912	..	20390	..	94863	36912
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..	..	..	..
Commerce, public services	..	..	..	..	..	..	..	..	..	..	..
Households	..	..	..	1664	..	4897	..	..	..	6561	4897
Other consumers	35896	..	..	..	..	32015	..	20390	..	88301	32015
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
2016											
Primary production	32157	..	28860	..	5797	262013	1749546	36536	10137	2125046	177489
Imports	3396833	9822	6218533	1741107	1658293	..	..	..	..	13024589	..
Exports	..	..	-84	-2695291	..	..	..	..	..	-2695375	..
International marine bunkers	..	..	..	-422321	..	..	..	..	..	-422321	..
International aviation bunkers	..	..	..	-204271	..	..	..	..	..	-204271	..
Stock changes	-23792	..	-40604	221	65610	..	..	..	..	1435	..
Total energy supply	3405198	9822	6206704	-1580555	1729700	262013	1749546	36536	10137	11829103	177489
Statistical difference	11757	4852	-33040	-23293	-35705	1	0	-47696	14632	-108492	36537
Transfers	..	..	286474	-280687	..	..	..	..	..	5787	..
Transformation	-3164709	313671	-6526219	6152988	-860314	-87316	-1749546	1975201	218127	-3728116	*-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	..	..	-6526219	6351414	..	..	..	..	..	-174805	..
Other transformation	..	28713	..	1270	..	..	..	..	..	29983	..
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	..

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
2017											
Primary production	28806	..	31592	..	12783	295074	1603012	45126	11557	2027949	195585
Imports	3409567	9678	6359891	1646672	1826517	..	..	..	..	13252324	..
Exports	..	..	-132	-2799244	..	..	..	..	..	-2799376	..
International marine bunkers	..	..	..	-408601	..	..	..	..	..	-408601	..
International aviation bunkers	..	..	..	-209122	..	..	..	..	..	-209122	..
Stock changes	5816	..	1356	-19549	-30017	37	..	..	..	-42357	37
Total energy supply	3444189	9678	6392707	-1789844	1809283	295110	1603012	45126	11557	11820817	195621
Statistical difference	58226	3323	-38086	-87863	-21090	-38	0	-60682	18698	-127510	45088
Transfers	..	..	454614	-448618	..	..	..	..	..	5996	..
Transformation	-3208146	317221	-6885407	6558225	-896287	-99235	-1603012	1980576	236465	-3599599	*-65628
Electricity plants	-2165537	-90007	..	-53053	-551732	*-53032	-1603012	1748344	-1250	-2769278	*-50195
CHP plants	-160949	-94473	..	-68639	-342437	-23254	..	232232	213238	-244283	*-9379
Heat plants	..	..	..	-8854	-2117	-22948	..	..	24477	-9442	-6054
Coke ovens	-663063	633011	..	..	..	..	..	..	..	-30052	..
Briquetting plants	-26660	20897	..	..	..	..	..	..	..	-5763	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-191937	-181019	..	..	..	..	..	..	..	-372956	..
NGL plants & gas blending	..	..	..	-4541	..	..	..	..	..	-4541	..
Oil refineries	..	..	-6885407	6663543	..	..	..	..	..	-221864	..
Other transformation	..	28812	..	29769	..	..	..	..	..	58581	..
Energy industries own use	..	-127920	..	-270315	-5949	..	..	-135083	-4217	-543484	..
Losses	..	..	..	..	..	..	..	-67644	-2849	-70493	..
Final consumption	177816	195655	..	4137310	928137	195914	..	1883657	222258	7740746	84905
Final energy consumption	177816	179415	..	1903305	928137	195914	..	1883657	222258	5490501	84905
Manufacturing, const., mining	177816	158518	..	147769	313251	134992	..	987944	121656	2041947	*29857
Iron and steel	61184	148840	..	3562	64759	355	..	196250	212	475163	..
Chemical and petrochemical	594	..	..	25957	45348	16647	..	186869	79033	354447	482
Non-ferrous metals	..	..	..	1313	10849	..	..	32407	2	44571	..
Non-metallic minerals	103277	..	..	19849	22784	29386	..	46382	108	221786	*112
Transport equipment	..	..	..	9383	22226	*121	..	91397	245	123373	*121
Machinery	..	..	..	3094	40707	*4	..	287950	149	331903	*4
Mining and quarrying	..	..	..	1746	..	*3	..	6286	..	8035	*3
Food and tobacco	965	..	..	3334	28257	5295	..	41065	4910	83826	*1808
Paper, pulp and printing	..	..	..	1454	9952	30006	..	36230	10093	87735	*11743
Wood and wood products	..	..	..	167	1127	*4932	..	6970	394	13589	*4631
Textile and leather	2201	..	..	3650	11936	5497	..	41328	16658	81270	*2656
Construction	..	..	..	30580	143	1286	..	..	..	32009	369
Industries n.e.s	9596	9678	..	43680	55163	41460	..	14810	9852	184239	*7928
Transport	..	..	..	1415249	49645	19394	..	10314	..	1494601	19394
Road	..	..	..	1338916	49645	19394	..	162	..	1408116	19394
Rail	..	..	..	4042	..	..	..	10152	..	14194	..
Domestic aviation	..	..	..	54636	..	..	..	..	..	54636	..
Domestic navigation	..	..	..	17612	..	..	..	..	..	17612	..
Pipeline transport	..	..	..	43	..	..	..	..	..	43	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	20897	..	340287	565241	41528	..	885398	100602	1953953	35655
Agriculture, forestry, fishing	..	..	..	47762	128	2927	..	57528	1164	109509	4079
Commerce, public services	..	..	..	80365	171619	32089	..	588323	18653	891049	23069
Households	..	20897	..	154727	393494	6512	..	239548	80785	895963	8507
Other consumers	..	..	..	57432	..	..	..	..	..	57432	..
Non-energy use	..	16240	..	2234005	..	..	..	..	..	2250245	..

Kosovo

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	68665	..	..	14823	..	896	84384	15705
Imports	61	28572	..	496	..	2005	31133	496
Exports	-140	-381	..	0	..	-3830	-4351	0
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-176	..	..	..	..	-176	..
Stock changes	2083	..	..	..	..	..	2083	..
Total energy supply	70669	28015	..	15319	..	-929	113073	16201
Statistical Difference	23	0	..	0	..	8	32	868
Transfers	..	0	..	..	..	..	0	..
Transformation	-66473	-248	..	..	..	21445	-45276	..
Electricity plants	-66473	-248	..	..	..	21445	-45276	..
Charcoal plants	..	..	..	..	..	..	..	..
Other transformation	0	0	..	..	..	..	0	..
Energy industries own use	..	0	..	..	..	-1643	-1643	..
Losses	..	..	..	..	..	-4351	-4351	..
Final consumption	4172	27767	..	15319	..	14513	61771	15333
Final energy consumption	4172	25958	..	15319	..	14513	59962	15333
Manufacturing, const., mining	1075	6343	..	656	..	3773	11846	656
Transport	..	16460	..	..	..	..	16460	..
Road	..	16374	..	..	..	..	16374	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	86	..	..	..	..	86	..
Other	3097	3155	..	14663	..	10740	31655	14677
Agriculture, forestry, fishing	47	646	..	144	..	385	1222	144
Commerce and public services	2684	1962	..	408	..	2370	7423	418
Households	367	547	..	14111	..	7985	23010	14115
Other consumers	..	..	..	..	..	..	..	..
Non-energy use	..	1809	..	..	..	..	1809	..
2017								
Primary production	59100	..	..	15305	..	662	75067	15953
Imports	115	31364	..	237	..	4471	36188	237
Exports	-109	-98	..	-5	..	-3168	-3380	-5
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-265	..	..	..	..	-265	..
Stock changes	257	..	..	..	..	..	257	..
Total energy supply	59364	31002	..	15537	..	1965	107868	16185
Statistical Difference	-62	680	..	-2	..	41	657	632
Transfers	..	..	..	..	..	..	..	..
Transformation	-55792	-207	..	..	..	21477	-34522	..
Electricity plants	-55792	-207	..	..	..	21477	-34522	..
Charcoal plants	..	..	..	..	..	..	..	..
Other transformation	0	0	..	..	..	..	0	..
Energy industries own use	..	..	..	..	..	-2323	-2323	..
Losses	..	..	..	..	..	-4840	-4840	..
Final consumption	3634	30115	..	15539	..	16238	65526	15553
Final energy consumption	3634	28346	..	15539	..	16238	63757	15553
Manufacturing, const., mining	966	7847	..	559	..	3823	13195	559
Transport	..	17401	..	..	..	..	17401	..
Road	..	17272	..	..	..	..	17272	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	129	..	..	..	..	129	..
Other	2668	3098	..	14980	..	12415	33161	14994
Agriculture, forestry, fishing	..	688	..	136	..	403	1227	136
Commerce and public services	2247	1957	..	453	..	3365	8022	463
Households	421	453	..	14391	..	8647	23912	14395
Other consumers	..	..	..	..	..	..	..	..
Non-energy use	..	1769	..	..	..	..	1769	..

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	6679656	..	591352	183	..	0	..	7271191	183
Imports	169632	1282	..	616	..	171530	1282
Exports	-4563282	-1336722	..	-30	..	-767	..	-5900801	-30
International marine bunkers	-45124	..	..	..	..	..	-45124	..
International aviation bunkers	-31973	..	..	..	..	..	-31973	..
Stock changes	67542	..	..	..	..	..	67542	..
Total energy supply	2116374	-1346276	760984	1435	..	-151	..	1532366	1435
Statistical difference	-43527	-45724	0	2	..	0	..	-89249	2
Transfers
Transformation	-2159901	1677545	-260160	*-73	..	252306	..	-490284	*-73
Electricity plants	-109684	-311535	-260160	..	..	233428	..	-447951	..
CHP plants	18878	..	18878	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-344893	367340	..	..	..	..	..	22448	..
Oil refineries	-1705325	1621739	..	..	..	..	..	-83586	..
Other transformation	*-73	..	..	..	*-73	*-73
Energy industries own use	-18365	-230045	..	..	-84365	..	-332775	..
Losses	-22275	..	-22275	..
Final consumption	358628	270779	*1360	..	145515	..	776282	*1360
Final energy consumption	243518	270779	*1360	..	145515	..	661172	*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	12093	..	*1360	..	145515	..	158968	*1360
Agriculture, forestry, fishing	4491	..	4491	..
Commerce, public services	48956	..	48956	..
Households	12093	..	*1360	..	89793	..	103246	*1360
Other consumers	2276	..	2276	..
Non-energy use	115110	..	..	..	..	..	115110	..

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
2017											
Primary production	6334237	..	584879	185	..	7	..	6919308	192
Imports	189126	1274	..	1991	..	192391	1274
Exports	-4347679	-1184145	..	-28	..	-1404	..	-5533256	-28
International marine bunkers	-39078	..	..	..	..	..	-39078	..
International aviation bunkers	-40087	..	..	..	..	..	-40087	..
Stock changes	84823	..	..	..	..	..	84823	..
Total energy supply	1986558	-1178487	774005	1430	..	594	..	1584101	1437
Statistical difference	92004	6592	0	0	..	0	..	98597	7
Transfers
Transformation	-1894554	1538014	-257313	*-78	..	262037	..	-351894	*-78
Electricity plants	-109345	-271479	-257313	..	..	241672	..	-396465	..
CHP plants	20365	..	20365	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-388209	413742	..	..	..	..	..	25533	..
Oil refineries	-1397000	1395750	..	..	..	..	..	-1249	..
Other transformation	*-78	..	..	..	*-78	*-78
Energy industries own use	-15048	-227527	..	..	-86280	..	-328855	..
Losses	-23412	..	-23412	..
Final consumption	337886	289166	*1352	..	152939	..	781343	*1352
Final energy consumption	226555	289166	*1352	..	152939	..	670011	*1352
Manufacturing, const., mining	29326	289166	..	..	..	..	318492	..
Iron and steel
Chemical and petrochemical	111119	..	..	..	..	111119	..
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	29326	178047	..	..	..	..	207373	..
Transport	183734	..	..	..	..	..	183734	..
Road	183734	..	..	..	..	..	183734	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	13495	..	*1352	..	152939	..	167786	*1352
Agriculture, forestry, fishing	4720	..	4720	..
Commerce, public services	51454	..	51454	..
Households	13495	..	*1352	..	94374	..	109221	*1352
Other consumers	2391	..	2391	..
Non-energy use	111331	..	..	..	..	..	111331	..

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	..	..	1188	..	95665	..
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	..	41850	..	161800	41421
Statistical difference	-121	0	0	-129	72	0	..	461	-3461	-3178	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	..	..	71507	5324	43	..	36576	11687	146425	43
Final energy consumption	20659	..	..	71387	5324	43	..	36576	11687	145675	43
Manufacturing, const., mining	4708	..	..	5557	938	..	..	6152	990	18346	..
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	..	..	3040	117	..	..	2938	128	9368	..
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	..

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
2017											
Primary production	28388	..	7318	..	845	60	..	51131	..	87741	51191
Imports	18993	..	12563	54323	9779	..	..	..	..	95658	..
Exports	-7851	..	-846	-3273	..	..	..	-4374	..	-16344	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-838	..	..	..	..	..	-838	..
Stock changes	-2854	..	-212	-1580	..	..	..	..	..	-4646	..
Total energy supply	36675	..	18824	48631	10625	60	..	46757	..	161571	51191
Statistical difference	228	..	0	138	1	0	..	464	-6527	-5696	51131
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-12726	..	-18824	17774	-3244	..	..	4720	7966	-4333	..
Electricity plants	-181	..	..	..	..	..	..	54	..	-127	..
CHP plants	-12402	..	..	-566	-1527	..	..	4666	6207	-3623	..
Heat plants	-143	..	..	-404	-1716	..	..	..	1759	-504	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-18824	18864	..	..	..	..	..	40	..
Other transformation	..	..	..	-121	..	..	..	..	..	-121	..
Energy industries own use	..	..	..	-283	-288	..	..	-1145	-674	-2389	..
Losses	..	..	..	-44	-557	..	..	-10238	-857	-11697	..
Final consumption	23721	..	..	65941	6535	60	..	39629	12962	148847	60
Final energy consumption	23721	..	..	65908	6535	60	..	39629	12962	148815	60
Manufacturing, const., mining	5327	..	..	3588	1651	..	..	6347	1265	18177	..
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	20	..	..	202	..	..	..	61	..	283	..
Non-ferrous metals	..	..	..	..	..	..	..	425	..	425	..
Non-metallic minerals	1706	..	..	124	558	..	..	1192	135	3714	..
Transport equipment	..	..	..	..	..	..	..	7	..	7	..
Machinery	..	..	..	..	295	..	..	137	37	469	..
Mining and quarrying	..	..	..	854	..	..	..	356	..	1210	..
Food and tobacco	330	..	..	43	626	..	..	659	977	2636	..
Paper, pulp and printing	20	..	..	..	92	..	..	..	..	112	..
Wood and wood products	..	..	..	..	..	..	..	97	2	99	..
Textile and leather	20	..	..	..	14	..	..	130	..	164	..
Construction	..	..	..	1586	..	..	..	378	25	1989	..
Industries n.e.s	3231	..	..	779	65	..	..	2905	89	7069	..
Transport	20	..	..	25804	..	..	..	166	..	25989	..
Road	..	..	..	25415	..	..	..	72	..	25487	..
Rail	20	..	..	301	..	..	..	61	..	382	..
Domestic aviation	..	..	..	88	..	..	..	..	..	88	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	32	..	32	..
Other	18374	..	..	36517	4884	60	..	33116	11697	104649	60
Agriculture, forestry, fishing	15	..	..	83	..	1	..	788	..	887	1
Commerce, public services	2849	..	..	332	1418	21	..	3496	3985	12101	21
Households	15470	..	..	35662	3465	38	..	28476	7711	90822	38
Other consumers	40	..	..	439	2	..	..	356	1	838	..
Non-energy use	..	..	..	33	..	..	..	..	..	33	..

Lao People's Dem. Rep.

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	*-34477	..	..	..	..	..	*-34477	..
Total energy supply	111862	*41176	..	*56067	..	154	209258	120681
Statistical Difference	*-3	0	..	0	0	1	*-2	64614
Transfers	..	..	..	..	..	..	..	..
Transformation	*-92617	..	..	*-10157	*6048	25632	*-71095	*-4110
Electricity plants	*-92617	..	..	*-77	..	25632	*-67063	*-77
Charcoal plants	..	..	..	*-10080	*6048	..	*-4033	*-4033
Other transformation	0	..	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-8	-8	..
Losses	..	..	..	..	..	*-9000	*-9000	..
Final consumption	*19248	*41176	..	*45910	*6048	16776	*129157	*51957
Final energy consumption	*19248	*41071	..	*45910	*6048	16776	*129053	*51957
Manufacturing, const., mining	*10198	*424	..	*4897	..	6899	*22418	*4897
Transport	..	*38140	..	..	..	..	*38140	..
Road	..	*37454	..	..	..	..	*37454	..
Domestic aviation	..	*509	..	..	..	..	*509	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	*177	..	..	..	..	*177	..
Other	*9049	*2507	..	*41013	*6048	9877	*68495	*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	*9049	..	..	..	..	1048	*10097	..
Non-energy use	..	*105	..	..	..	..	*105	..
2017								
Primary production	148586	..	..	*56349	..	71522	276456	127871
Imports	..	*43729	..	..	..	*1842	*45571	..
Exports	0	..	..	..	..	*-84696	*-84696	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-1513	..	..	..	..	*-1513	..
Stock changes	*1231	..	..	..	..	..	*1231	..
Total energy supply	149817	*42216	..	*56349	..	*-11332	237051	127871
Statistical Difference	*-3	0	..	0	0	*177	*174	71522
Transfers	..	..	..	..	..	..	..	..
Transformation	*-124378	..	..	*-10851	*6048	*42060	*-87122	*-4804
Electricity plants	*-124378	..	..	*-425	..	*42060	*-82743	*-425
Charcoal plants	..	..	..	*-10427	*6048	..	*-4379	*-4379
Other transformation	0	..	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	*-1152	*-1152	..
Losses	..	..	..	..	..	*-11520	*-11520	..
Final consumption	*25442	*42216	..	*45498	*6048	17879	*137082	*51545
Final energy consumption	*25442	*42108	..	*45498	*6048	17879	*136974	*51545
Manufacturing, const., mining	*16536	*440	..	*4871	..	7511	*29358	*4871
Transport	..	*39078	..	..	..	..	*39078	..
Road	..	*38419	..	..	..	..	*38419	..
Domestic aviation	..	*526	..	..	..	..	*526	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	*133	..	..	..	..	*133	..
Other	*8907	*2590	..	*40627	*6048	10367	*68538	*46674
Agriculture, forestry, fishing	..	*2227	..	..	..	99	*2326	..
Commerce and public services	..	*61	..	*6927	*3334	2674	*12996	*10261
Households	..	*301	..	*33700	*2714	6532	*43247	*36414
Other consumers	*8907	..	..	..	..	1063	*9969	..
Non-energy use	..	*109	..	..	..	..	*109	..

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	39	118415	38637	7018	..	17381	..	183083	6460
Exports	-143	..	-39	-35219	..	-40280	..	-13662	..	-89344	-40280
International marine bunkers	..	..	..	-13233	..	..	..	..	..	-13233	..
International aviation bunkers	..	..	..	-5248	..	..	..	..	..	-5248	..
Stock changes	228	..	..	-7470	7974	384	..	..	..	1115	316
Total energy supply	1718	0	0	57244	46611	59954	..	13288	..	178816	68656
Statistical difference	0	0	0	-702	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	..	..	..	-455	..	..	-1714	-3441	-5610	..
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	..	..	..	43222	..	459	..	378	..	44059	459
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	..	..	..	..	..	..	..	..	..	..	..
Other	737	..	..	8813	8945	23038	..	16956	21826	80315	23038
Agriculture, forestry, fishing	0	..	..	5012	550	824	..	655	428	7468	824
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	..

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
2017											
Primary production	20	..	..	..	..	91887	..	16312	..	108218	107944
Imports	1641	3	39	110072	42400	7458	..	14663	..	176274	6663
Exports	-155	..	-39	-32810	..	-38717	..	-14893	..	-86614	-38717
International marine bunkers	..	..	..	-10938	..	..	..	..	..	-10938	..
International aviation bunkers	..	..	..	-5998	..	..	..	..	..	-5998	..
Stock changes	213	..	..	-707	-827	5066	..	..	..	3744	5075
Total energy supply	1719	3	0	59619	41573	65693	..	16081	..	184687	80965
Statistical difference	48	0	0	-674	-2	-35	..	0	1	-661	16276
Transfers	..	..	..	563	..	..	..	..	..	563	..
Transformation	-175	10	..	-40	-26925	-23462	..	10793	29990	-9811	-23462
Electricity plants	..	..	..	..	..	..	..	..	..	..	..
CHP plants	-48	..	..	..	-16727	-14663	..	10800	13865	-6774	-14663
Heat plants	-97	..	..	-40	-10198	-8250	..	-7	16125	-2467	-8250
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-30	10	..	..	..	..	..	..	..	-20	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	-550	..	..	..	-550	-550
Energy industries own use	..	..	..	-258	-439	..	..	-1822	-1093	-3612	..
Losses	..	..	..	..	-476	..	..	-1706	-3576	-5759	..
Final consumption	1496	12	..	60557	13734	42265	..	23346	25320	166730	41226
Final energy consumption	1496	12	..	56979	13734	42265	..	23346	25320	163152	41226
Manufacturing, const., mining	941	3	..	2270	4505	15778	..	6347	3290	33133	14740
Iron and steel	..	..	..	..	6	..	..	54	4	64	..
Chemical and petrochemical	..	..	..	142	446	209	..	230	41	1069	209
Non-ferrous metals	..	..	..	..	26	..	..	18	..	44	..
Non-metallic minerals	893	..	..	334	1282	2004	..	940	11	5462	966
Transport equipment	..	3	..	43	42	4	..	169	71	332	4
Machinery	..	..	..	..	212	134	..	320	18	684	134
Mining and quarrying	..	..	..	172	32	4	..	101	..	308	4
Food and tobacco	48	..	..	358	1238	373	..	1037	219	3273	373
Paper, pulp and printing	..	..	..	..	105	9	..	101	10	225	9
Wood and wood products	..	..	..	477	628	12825	..	2743	2812	19486	12825
Textile and leather	..	..	..	..	183	13	..	108	27	331	13
Construction	..	..	..	744	253	56	..	245	40	1338	56
Industries n.e.s	0	0	..	0	52	147	..	281	37	517	147
Transport	..	..	..	45285	..	395	..	374	..	46054	395
Road	..	..	..	42826	..	358	..	194	..	43379	358
Rail	..	..	..	2242	..	37	..	140	..	2419	37
Domestic aviation	..	..	..	44	..	..	..	..	..	44	..
Domestic navigation	..	..	..	172	..	..	..	..	..	172	..
Pipeline transport	..	..	..	..	..	..	..	40	..	40	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	555	10	..	9424	9230	26092	..	16625	22030	83965	26092
Agriculture, forestry, fishing	..	..	..	5486	337	1337	..	702	475	8337	1337
Commerce, public services	145	10	..	1579	4231	3603	..	9954	5956	25478	3603
Households	410	..	..	2359	4662	21152	..	5962	15593	50137	21152
Other consumers	..	..	..	..	..	..	..	7	6	13	..
Non-energy use	..	..	..	3578	..	..	..	..	..	3578	..

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	..	1476	1017	7464	7464
Imports	*6919	..	..	344593	..	413	..	248	..	352174	413
Exports
International marine bunkers	*-1212	..	..	..	..	..	*-1212	..
International aviation bunkers	*-10758	..	..	..	..	..	*-10758	..
Stock changes
Total energy supply	*6919	..	..	332623	..	5384	..	1724	1017	347668	7877
Statistical difference	0	..	..	513	..	0	..	0	0	513	1476
Transfers
Transformation	-188976	..	-585	..	75769	..	-113792	-585
Electricity plants	-188976	..	..	..	75769	..	-113207	..
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	-101	..	-101	..
Losses	*-6966	..	*-6966	..
Final consumption	*6919	..	..	*143134	..	4799	..	*70427	1017	*226296	5816
Final energy consumption	*6919	..	..	*139442	..	4799	..	*70427	1017	*222604	5816
Manufacturing, const., mining	*6919	..	..	5381	..	..	..	*18454	50	*30803	50
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	*6919	..	..	..	..	..	..	..	..	*6919	..
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	..	..	5381	..	..	..	*18454	50	*23884	50
Transport	*93057	..	..	..	..	..	*93057	..
Road	*93057	..	..	..	..	..	*93057	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	*41005	..	4799	..	*51973	967	*98744	5766
Agriculture, forestry, fishing
Commerce, public services	*11776	307	*12083	307
Households	*41005	..	4091	..	*26798	660	*72554	4751
Other consumers	708	..	*13399	..	*14107	708
Non-energy use	3692	..	..	..	..	..	3692	..

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
2017											
Primary production	*4971	..	1642	*1060	*7673	*7673
Imports	*6919	..	..	365014	..	413	..	1922	..	374268	413
Exports
International marine bunkers	*-1212	..	..	..	..	..	*-1212	..
International aviation bunkers	*-11891	..	..	..	..	..	*-11891	..
Stock changes
Total energy supply	*6919	..	..	351911	..	*5384	..	3564	*1060	368838	*8086
Statistical difference	0	..	..	-168	..	0	..	0	0	-168	*1642
Transfers
Transformation	-202007	..	*-585	..	82638	..	-119954	*-585
Electricity plants	-202007	..	..	..	82638	..	-119369	..
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	-148	..	-148	..
Losses	*-7744	..	*-7744	..
Final consumption	*6919	..	..	*150072	..	4799	..	*78311	*1060	*241161	5859
Final energy consumption	*6919	..	..	*146314	..	4799	..	*78311	*1060	*237402	5859
Manufacturing, const., mining	*6919	..	..	6182	..	..	..	*20520	*50	*33671	*50
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	*6919	..	..	..	..	..	..	..	..	*6919	..
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	..	..	6182	..	..	..	*20520	*50	*26752	*50
Transport	*96500	..	..	..	..	..	*96500	..
Road	*96500	..	..	..	..	..	*96500	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	*43631	..	4799	..	*57791	*1010	*107231	5809
Agriculture, forestry, fishing
Commerce, public services	*13093	*310	*13403	*310
Households	*43631	..	4091	..	*29797	*700	*78219	4791
Other consumers	708	..	*14900	..	*15608	708
Non-energy use	3759	..	..	..	..	..	3759	..

Lesotho

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	..	..	..	*17254	..	1828	*19082	*19082
Imports	*16615	9448	..	..	..	1341	*27405	..
Exports	..	..	..	..	..	-9	-9	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-18	..	..	..	..	*-18	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	*16615	9431	..	*17254	..	3160	*46459	*19082
Statistical Difference	0	*-113	..	0	0	-147	*-260	*1828
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-4	..	*-2165	1145	*1	*-1023	*-1020
Electricity plants	..	*-4	..	..	..	*1	*-3	..
Charcoal plants	..	..	..	*-2165	1145	..	*-1020	*-1020
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-1	-1	..
Losses	..	..	..	..	..	-553	-553	..
Final consumption	*16615	*9539	..	*15089	*1145	*2754	*45142	*16233
Final energy consumption	*16615	*9427	..	*15089	*1145	*2754	*45029	*16233
Manufacturing, const., mining	*16615	*1100	..	..	..	*961	*18676	..
Transport	..	6878	..	..	..	..	6878	..
Road	..	6836	..	..	..	..	6836	..
Domestic aviation	..	42	..	..	..	..	42	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*1448	..	*15089	*1145	*1793	*19474	*16233
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	*394	..	..	..	*868	*1262	..
Households	..	*1054	..	*15089	*1145	*925	*18213	*16233
Other consumers	..	..	..	..	..	..	..	..
Non-energy use	..	113	..	..	..	..	113	..
2017								
Primary production	..	..	..	16012	..	1804	17815	17815
Imports	*16615	11840	..	..	..	1393	*29848	..
Exports	..	..	..	..	..	-3	-3	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-18	..	..	..	..	*-18	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	*16615	11822	..	16012	..	3194	*47643	17815
Statistical Difference	0	-137	..	0	0	339	*202	1804
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-6	..	*-968	510	*2	*-462	*-458
Electricity plants	..	*-6	..	..	..	*2	*-4	..
Charcoal plants	..	..	..	*-968	510	..	*-458	*-458
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-2	-2	..
Losses	..	..	..	..	..	-429	-429	..
Final consumption	*16615	11953	..	*15043	*510	2426	*46547	*15554
Final energy consumption	*16615	11816	..	*15043	*510	2426	*46411	*15554
Manufacturing, const., mining	*16615	*1169	..	..	..	1018	*18803	..
Transport	..	8767	..	..	..	..	8767	..
Road	..	8765	..	..	..	..	8765	..
Domestic aviation	..	3	..	..	..	..	3	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*1879	..	*15043	*510	1407	*18840	*15554
Agriculture, forestry, fishing	..	..	..	..	..	5	5	..
Commerce and public services	..	*531	..	..	..	509	*1040	..
Households	..	*1348	..	*15043	*510	894	*17796	*15554
Other consumers	..	..	..	..	..	..	..	..
Non-energy use	..	137	..	..	..	..	137	..

Liberia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	..
2017								
Primary production	81091	..	*144	81235	81235
Imports	..	*16670	..	..	1	..	*16671	1
Exports	-12	..	-12	-12
International marine bunkers	..	*-215	..	..	..	..	*-215	..
International aviation bunkers	..	*-287	..	..	..	..	*-287	..
Stock changes
Total energy supply	..	*16168	..	81091	-11	*144	97393	81224
Statistical Difference	..	0	..	0	0	*2	*2	144
Transfers
Transformation	..	*-3870	..	*-16519	8891	*1429	*-10068	*-7628
Electricity plants	..	*-3870	..	..	..	*1429	*-2441	..
Charcoal plants	*-16519	8891	..	*-7628	*-7628
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-437	*-437	..
Losses	*-108	*-108	..
Final consumption	..	*12298	..	*64573	*8880	*1026	*86777	*73453
Final energy consumption	..	*12037	..	*64573	*8880	*1026	*86516	*73453
Manufacturing, const., mining	..	*1290	..	..	..	..	*1290	..
Transport	..	*10390	..	..	..	..	*10390	..
Road	..	*10059	..	..	..	..	*10059	..
Domestic aviation	..	*331	..	..	..	..	*331	..
Domestic navigation
Other transport
Other	..	*357	..	*64573	*8880	*1026	*74836	*73453
Agriculture, forestry, fishing	*64573	..	..	*64573	*64573
Commerce and public services
Households	*8880	..	*8880	*8880
Other consumers	..	*357	..	..	..	*1026	*1383	..
Non-energy use	..	*261	..	..	..	..	*261	..

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	862737	..	338580	6424	..	29	..	1207770	6453
Imports	255270	..	..	..	1354	..	256624	..
Exports	-686021	-46243	-164160	..	..	..	..	-896423	..
International marine bunkers	-3434	..	..	..	..	..	-3434	..
International aviation bunkers	-2337	..	..	..	..	..	-2337	..
Stock changes
Total energy supply	176717	203256	174420	6424	..	1382	..	562199	6453
Statistical difference	-23392	-43	-67019	0	..	53611	..	-36842	29
Transfers
Transformation	-200109	114189	-234236	..	..	131119	..	-189037	..
Electricity plants	-85477	-234236	..	..	131119	..	-188594	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-28244	29222	..	..	..	..	..	978	..
Oil refineries	-171865	170443	..	..	..	..	..	-1421	..
Other transformation
Energy industries own use	-6110	-1850	..	..	-2196	..	-10156	..
Losses	-26366	..	-26366	..
Final consumption	311377	5353	6424	..	50328	..	373483	6424
Final energy consumption	291307	1892	6424	..	50328	..	349951	6424
Manufacturing, const., mining	18180	1892	..	..	4367	..	24439	..
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	18180	1892	..	..	4367	..	24439	..
Transport	255060	..	..	..	..	..	255060	..
Road	254972	..	..	..	..	..	254972	..
Rail
Domestic aviation	89	..	..	..	..	..	89	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	18067	..	6424	..	45961	..	70453	6424
Agriculture, forestry, fishing	4399	..	4399	..
Commerce, public services	5422	..	5422	..
Households	18067	..	6424	..	21218	..	45710	6424
Other consumers	14922	..	14922	..
Non-energy use	20070	3461	..	..	..	..	23531	..

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
2017											
Primary production	1915351	..	311220	6016	..	29	..	2232616	6045
Imports	247487	..	..	..	1087	..	248575	..
Exports	-1698007	-59780	-157320	..	..	..	..	-1915107	..
International marine bunkers	-8888	..	..	..	..	..	-8888	..
International aviation bunkers	-2470	..	..	..	..	..	-2470	..
Stock changes
Total energy supply	217344	176350	153900	6016	..	1116	..	554726	6045
Statistical difference	-19796	86	-89269	0	..	53550	..	-55430	29
Transfers
Transformation	-237140	134651	-234568	..	..	132440	..	-204617	..
Electricity plants	-103486	-234568	..	..	132440	..	-205614	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-32620	33617	..	..	..	..	..	997	..
Oil refineries	-204521	204521	..	..	..	..	..	0	..
Other transformation
Energy industries own use	-7306	-1820	..	..	-2581	..	-11707	..
Losses	-26579	..	-26579	..
Final consumption	303609	6782	6016	..	50846	..	367253	6016
Final energy consumption	278310	2397	6016	..	50846	..	337569	6016
Manufacturing, const., mining	18342	2397	..	..	4410	..	25148	..
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	18342	2397	..	..	4410	..	25148	..
Transport	241169	..	..	..	..	..	241169	..
Road	241080	..	..	..	..	..	241080	..
Rail
Domestic aviation	89	..	..	..	..	..	89	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	18800	..	6016	..	46436	..	71252	6016
Agriculture, forestry, fishing	4457	..	4457	..
Commerce, public services	5476	..	5476	..
Households	18800	..	6016	..	21431	..	46246	6016
Other consumers	15073	..	15073	..
Non-energy use	25299	4385	..	..	..	..	29684	..

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	..	2708	..	..	59457	..	5962	9528	77854	63767
Imports	5652	1054	397521	88807	79106	7870	..	39982	..	619992	7870
Exports	-12	-49	-2243	-363924	-1536	-9452	..	-10192	..	-387407	-9452
International marine bunkers	..	..	..	-6881	..	..	..	..	..	-6881	..
International aviation bunkers	..	..	..	-4101	..	..	..	..	..	-4101	..
Stock changes	703	-20	-297	-119	-466	*30	..	..	..	-169	*38
Total energy supply	6542	986	397689	-286218	77104	57905	..	35752	9528	299288	62223
Statistical difference	0	0	0	-545	0	41	..	0	0	-504	6044
Transfers	..	..	21354	-22122	..	..	..	..	..	-768	..
Transformation	-263	59	-419043	420380	-17721	-28523	..	7261	30703	-7147	-26838
Electricity plants	..	..	..	..	..	..	..	..	-2917	-2917	..
CHP plants	0	..	..	-1487	-13088	-9873	..	7272	12707	-4469	-8147
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	..	..	-419043	422287	..	..	..	..	..	3244	..
Other transformation	..	..	..	..	..	-11	..	..	..	-11	-11
Energy industries own use	0	..	..	-22929	-1103	-3	..	-4648	-296	-28978	-3
Losses	..	..	..	0	..	..	..	-3265	-5025	-8290	..
Final consumption	6279	1045	..	89655	58280	29339	..	35100	34910	254608	29339
Final energy consumption	6279	1045	..	81093	23081	29339	..	35100	34910	210846	29339
Manufacturing, const., mining	3200	488	..	1473	12047	*3961	..	12301	7909	41380	*3961
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	..	..	907	30	5631	..
Transport equipment	..	..	..	..	54	..	..	86	28	168	..
Machinery	..	0	..	..	327	..	..	666	105	1098	..
Mining and quarrying	..	..	..	86	9	..	..	104	1	200	..
Food and tobacco	25	68	..	605	3515	32	..	2624	465	7336	32
Paper, pulp and printing	..	..	..	0	510	..	..	565	24	1100	..
Wood and wood products	0	..	..	86	445	..	..	1318	439	2287	..
Textile and leather	0	..	..	43	647	..	..	605	134	1429	..
Construction	..	..	..	432	519	..	..	533	61	1545	..
Industries n.e.s	0	10	..	90	183	*3724	..	2138	122	6267	*3724
Transport	..	..	..	75077	1303	2366	..	259	..	79005	2366
Road	..	..	..	72528	325	2292	..	130	..	75275	2292
Rail	..	..	..	2119	..	74	..	43	..	2236	74
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	172	..	0	..	..	..	172	0
Pipeline transport	..	..	..	..	978	..	..	86	..	1065	..
Transport, n.e.s	..	..	..	258	..	..	..	..	..	258	..
Other	3079	556	..	4542	9730	23012	..	22540	27001	90460	23012
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	1577	400	..	2068	6090	20851	..	9990	19525	60502	20851
Other consumers	..	..	..	353	..	..	..	..	..	353	..
Non-energy use	..	..	..	8563	35200	..	..	..	..	43763	..

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
2017											
Primary production	281	..	2370	..	..	63916	..	7322	11795	85684	69847
Imports	6901	1045	417883	56876	87081	6662	..	42934	..	619382	6662
Exports	-12	-39	-1777	-351148	-7182	-11449	..	-11696	..	-383304	-11449
International marine bunkers	..	..	..	-7421	..	..	..	..	..	-7421	..
International aviation bunkers	..	..	..	-4542	..	..	..	..	..	-4542	..
Stock changes	-238	78	-549	2648	547	900	..	..	..	3387	912
Total energy supply	6932	1084	417927	-303587	80447	60029	..	38560	11795	313186	65972
Statistical difference	12	0	0	-572	0	50	..	4	0	-506	7388
Transfers	..	..	10499	-11217	..	..	..	..	..	-717	..
Transformation	-486	49	-428426	431479	-14138	-31478	..	5656	32163	-5182	-30090
Electricity plants	..	..	..	..	..	..	..	..	-2788	-2788	..
CHP plants	..	..	..	-943	-10062	-10821	..	5666	13105	-3055	-9418
Heat plants	-415	..	..	-340	-4076	-20636	..	-11	21846	-3632	-20651
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-70	49	..	..	..	..	..	..	..	-22	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-428426	432762	..	..	..	..	..	4335	..
Other transformation	..	..	..	..	..	-21	..	..	..	-21	-21
Energy industries own use	..	..	..	-22915	-773	..	..	-4712	-396	-28797	..
Losses	-35	..	..	..	..	-12	..	-3290	-5017	-8355	-6
Final consumption	6400	1133	..	94332	65535	28489	..	36209	38545	270642	28489
Final energy consumption	6400	1133	..	85447	23857	28489	..	36209	38545	220079	28489
Manufacturing, const., mining	3067	518	..	1640	12213	*3635	..	13082	10011	44166	*3635
Iron and steel	..	29	..	..	1	..	..	68	..	99	..
Chemical and petrochemical	..	..	..	47	4876	*704	..	2992	8894	17513	*704
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	2992	440	..	167	986	..	..	878	1	5464	..
Transport equipment	..	..	..	..	60	..	..	83	10	153	..
Machinery	..	..	..	..	362	..	..	878	94	1334	..
Mining and quarrying	..	..	..	86	9	..	..	112	1	208	..
Food and tobacco	50	39	..	646	3477	49	..	2830	415	7505	49
Paper, pulp and printing	..	..	..	..	587	..	..	688	23	1297	..
Wood and wood products	..	..	..	86	473	..	..	1314	313	2186	..
Textile and leather	..	..	..	43	554	..	..	587	102	1286	..
Construction	25	..	..	475	612	..	..	500	89	1701	..
Industries n.e.s	0	10	..	90	216	*2882	..	2153	69	5420	*2882
Transport	..	..	..	78910	1412	2540	..	266	..	83128	2540
Road	..	..	..	76145	328	2466	..	130	..	79069	2466
Rail	..	..	..	2291	..	74	..	43	..	2408	74
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	215	..	..	..	..	..	215	..
Pipeline transport	..	..	..	..	1085	..	..	94	..	1178	..
Transport, n.e.s	..	..	..	258	..	..	..	..	..	258	..
Other	3333	615	..	4898	10232	22314	..	22860	28534	92785	22314
Agriculture, forestry, fishing	100	20	..	2034	911	617	..	738	191	4611	617
Commerce, public services	1452	156	..	133	2883	1476	..	11905	8464	26469	1476
Households	1780	439	..	2378	6439	20221	..	10217	19879	61353	20221
Other consumers	..	..	..	353	..	..	..	..	..	353	..
Non-energy use	..	..	..	8884	41678	..	..	..	..	50562	..

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	5612	..	1138	86	6836	5590
Imports	2002	206	..	113305	29689	5001	..	27785	..	177988	5001
Exports	-442	..	*-1106	..	-5112	..	-6660	*-1106
International marine bunkers
International aviation bunkers	-21741	..	..	..	..	..	-21741	..
Stock changes	-5	..	0	..	..	..	-5	0
Total energy supply	2002	206	..	91117	29689	9507	..	23810	86	156418	9485
Statistical difference	0	0	..	55	-1	35	..	-4	0	85	1172
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	-2009	-1	-2010	..
Losses	-569	-230	-799	..
Final consumption	2002	206	..	91019	26501	6615	..	22918	2287	151548	6155
Final energy consumption	2002	206	..	89513	26501	6615	..	22918	2287	150041	6155
Manufacturing, const., mining	2002	184	..	384	11758	*1731	..	12352	21	28431	*1185
Iron and steel	272	29	..	0	5665	..	..	6624	5	12594	..
Chemical and petrochemical	0	761	..	..	1379	3	2143	..
Non-ferrous metals
Non-metallic minerals	1730	..	..	86	2992	918	..	839	..	6564	*372
Transport equipment	22	..	..	47	..	68	..
Machinery	43	123	..	..	324	..	490	..
Mining and quarrying	43	10	..	..	40	..	93	..
Food and tobacco	43	294	..	..	634	..	971	..
Paper, pulp and printing	94	..	..	140	..	234	..
Wood and wood products	79	*813	..	14	..	*907	*813
Textile and leather	1156	..	..	364	7	1526	..
Construction	..	155	..	86	205	..	..	630	..	1077	..
Industries n.e.s	0	0	..	83	357	0	..	1318	6	1764	0
Transport	77566	..	3614	..	472	..	81651	3614
Road	77093	..	3614	..	4	..	80710	3614
Rail	473	..	..	..	468	..	941	..
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	..	22	..	11563	14744	*1270	..	10094	2266	39959	*1356
Agriculture, forestry, fishing	946	..	133	..	122	..	1201	133
Commerce, public services	3221	4887	79	..	6458	2180	16825	79
Households	..	22	..	7396	9857	*1058	..	3514	86	21933	*1144
Other consumers
Non-energy use	1506	..	..	..	..	..	1506	..

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
2017											
Primary production	6416	..	1544	91	8051	6695
Imports	1670	228	..	118964	29021	5799	..	27241	..	182924	5799
Exports	-1101	..	*-920	..	-5000	..	-7021	*-920
International marine bunkers
International aviation bunkers	-24608	..	..	..	..	..	-24608	..
Stock changes	294	..	-37	..	..	..	257	-37
Total energy supply	1670	228	..	93549	29021	11259	..	23785	91	159603	11538
Statistical difference	0	-22	..	-31	-1	-20	..	0	0	-74	1524
Transfers
Transformation	0	-2913	-3704	..	1688	2814	-2115	-2926
Electricity plants	0	-1557	..	446	..	-1111	-779
CHP plants	0	-2894	*-1718	..	1242	2450	-920	*-1718
Heat plants	-242	*-206	..	..	364	-84	*-206
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	223	-223	..	..	..	0	-223
Oil refineries
Other transformation
Energy industries own use	-1897	-1	-1898	..
Losses	-562	-288	-850	..
Final consumption	1670	250	..	93580	26108	7575	..	23015	2616	154814	7088
Final energy consumption	1670	250	..	92129	26108	7575	..	23015	2616	153364	7088
Manufacturing, const., mining	1670	228	..	554	11463	*1708	..	11455	21	27100	*1130
Iron and steel	123	29	..	43	5655	..	..	6610	5	12464	..
Chemical and petrochemical	0	737	..	..	1148	3	1889	..
Non-ferrous metals
Non-metallic minerals	1547	..	..	86	2770	980	..	695	..	6078	*402
Transport equipment	21	..	..	36	..	57	..
Machinery	43	121	..	..	270	..	434	..
Mining and quarrying	43	10	..	..	32	..	85	..
Food and tobacco	86	288	..	..	526	..	900	..
Paper, pulp and printing	92	..	..	115	..	207	..
Wood and wood products	78	*728	..	14	..	*821	*728
Textile and leather	1150	..	..	302	7	1460	..
Construction	..	200	..	129	195	..	..	526	..	1050	..
Industries n.e.s	0	0	..	124	347	0	..	1181	6	1657	0
Transport	79243	..	4574	..	486	..	84303	4574
Road	78598	..	4574	..	4	..	83176	4574
Rail	645	..	..	..	482	..	1127	..
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	..	22	..	12332	14645	*1293	..	11074	2595	41961	*1384
Agriculture, forestry, fishing	817	..	153	..	115	..	1085	153
Commerce, public services	4291	4668	45	..	7607	2504	19116	45
Households	..	22	..	7224	9977	*1095	..	3352	91	21760	*1186
Other consumers
Non-energy use	1451	..	..	..	..	..	1451	..

Madagascar

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	..	..	..	259423	..	3192	262615	262615
Imports	9965	36608	..	..	..	..	46573	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	*-347	..	..	..	..	*-347	..
International aviation bunkers	..	*-1675	..	..	..	..	*-1675	..
Stock changes	..	*-231	..	..	..	..	*-231	..
Total energy supply	9965	34355	..	259423	..	3192	306935	262615
Statistical Difference	1	-106	..	43	-42	21	-84	3192
Transfers	..	..	..	..	..	..	..	..
Transformation	-712	-8047	..	-102830	23655	3528	-84406	-79175
Electricity plants	-712	-8047	..	-336	..	3528	-5567	-336
Charcoal plants	..	..	..	-102494	23655	..	-78839	-78839
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	*-96	*-96	..
Losses	..	..	..	..	..	-419	-419	..
Final consumption	*9252	26415	..	156550	23697	6185	222099	180247
Final energy consumption	*9252	23493	..	156550	23697	6185	219178	180247
Manufacturing, const., mining	*9252	..	..	8796	1172	1496	20716	9968
Transport	..	17335	..	..	..	..	17335	..
Road	..	16819	..	..	..	..	16819	..
Domestic aviation	..	516	..	..	..	..	516	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*6158	..	147754	22525	4689	181127	170279
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	36341	..	670	37011	36341
Households	..	1864	..	111413	22525	2177	137979	133938
Other consumers	..	*4295	..	..	..	1842	*6137	..
Non-energy use	..	*2921	..	..	..	..	*2921	..
2017								
Primary production	..	..	..	269345	..	2839	272184	272184
Imports	14151	37645	..	..	..	..	51796	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	-186	..	..	..	..	-186	..
International aviation bunkers	..	-1744	..	..	..	..	-1744	..
Stock changes	..	*-461	..	..	..	..	*-461	..
Total energy supply	14151	35253	..	269345	..	2839	321588	272184
Statistical Difference	5	-40	..	-41	0	54	-23	2798
Transfers	..	..	..	..	..	..	..	..
Transformation	-963	-9777	..	-107343	24702	4255	-89126	-82641
Electricity plants	-963	-9777	..	-368	..	4255	-6853	-368
Charcoal plants	..	..	..	-106975	24702	..	-82273	-82273
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-92	-92	..
Losses	..	..	..	..	..	-460	-460	..
Final consumption	*13184	25516	..	162043	24702	6488	231933	186745
Final energy consumption	*13184	22863	..	162043	24702	6488	229280	186745
Manufacturing, const., mining	*13184	..	..	9140	1214	1590	*25128	10354
Transport	..	17474	..	..	..	..	17474	..
Road	..	17077	..	..	..	..	17077	..
Domestic aviation	..	397	..	..	..	..	397	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	*5388	..	152903	23488	4898	186678	176391
Agriculture, forestry, fishing	..	..	..	..	..	84	84	..
Commerce and public services	..	..	..	37597	..	712	38309	37597
Households	..	1894	..	115306	23488	2260	142948	138794
Other consumers	..	*3495	..	..	..	1842	*5337	..
Non-energy use	..	*2653	..	..	..	..	*2653	..

Malawi

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	1118	..	..	59753	..	*7117	67988	66771
Imports	*1182	13753	..	0	0	..	14935	1
Exports	-208	..	..	-2	0	-88	-298	-2
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-267	..	..	..	..	*-267	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	2092	13486	..	59752	0	*7029	82358	66770
Statistical Difference	0	0	..	-4	0	0	-3	7114
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-1904	..	*-31932	16674	*658	*-16505	*-15209
Electricity plants	..	*-1904	..	*-903	..	*658	*-2150	*-903
Charcoal plants	..	..	..	*-30980	16674	..	*-14306	*-14306
Other transformation	..	0	..	*-49	..	..	*-49	0
Energy industries own use	..	..	..	..	..	*-366	*-366	..
Losses	..	..	..	..	..	*-644	*-644	..
Final consumption	*2092	*11581	..	*27823	*16674	6677	*64847	*44447
Final energy consumption	*2092	*11195	..	*27823	*16674	6677	*64461	*44447
Manufacturing, const., mining	*1413	*233	..	*5922	..	3496	*11064	*5872
Transport	..	*10724	..	..	..	..	*10724	..
Road	..	*10670	..	..	..	..	*10670	..
Domestic aviation	..	*54	..	..	..	..	*54	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	*678	*237	..	*21901	*16674	3181	*42672	*38575
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	423	423	..
Households	..	*148	..	*21901	..	2759	*24808	*21901
Other consumers	*678	*89	..	..	*16674	..	*17442	*16674
Non-energy use	..	*386	..	..	..	..	*386	..
2017								
Primary production	*1237	..	..	60305	..	*6511	68054	66718
Imports	*1061	15732	..	0	0	..	16793	1
Exports	*-206	..	..	-2	0	-74	*-282	-2
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	*-296	..	..	..	..	*-296	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	*2092	15435	..	60304	0	*6438	84269	66717
Statistical Difference	0	0	..	-3	0	0	*-3	6508
Transfers	..	..	..	..	..	..	..	..
Transformation	..	*-1905	..	*-32625	17047	*658	*-16824	*-15529
Electricity plants	..	*-1905	..	*-903	..	*658	*-2150	*-903
Charcoal plants	..	..	..	*-31673	17047	..	*-14626	*-14626
Other transformation	..	0	..	*-48	..	..	*-48	0
Energy industries own use	..	..	..	..	..	*-692	*-692	..
Losses	..	..	..	..	..	*-1620	*-1620	..
Final consumption	*2092	*13531	..	*27683	*17048	4784	*65136	*44680
Final energy consumption	*2092	*13145	..	*27683	*17048	4784	*64750	*44680
Manufacturing, const., mining	*1413	*226	..	*5922	..	2064	*9625	*5872
Transport	..	*12689	..	..	..	..	*12689	..
Road	..	*12635	..	..	..	..	*12635	..
Domestic aviation	..	*54	..	..	..	..	*54	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	*678	*229	..	*21761	*17048	2720	*42436	*38808
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	224	224	..
Households	..	*141	..	*21761	..	2496	*24398	*21761
Other consumers	*678	*89	..	..	*17048	..	*17815	*17048
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
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	..	-1023	..	..	..	50660	-1023
Total energy supply	792242	..	1209866	60449	1345147	48717	..	70805	..	3527226	121901
Statistical difference	1531	..	-8333	52669	-39	-31	..	0	..	45797	73154
Transfers	..	..	-20484	23578	..	..	..	..	..	3094	..
Transformation	-715990	..	-1188197	1161085	-585363	-10620	..	490810	..	-848275	-10620
Electricity plants	-715990	..	..	-15246	-540862	*-9878	..	490810	..	-791167	*-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	..	*-742	..	..	..	14032	*-742
Energy industries own use	..	..	-9518	-10892	-98346	..	..	-36367	..	-155122	..
Losses	..	..	..	0	-197822	..	..	-6761	..	-204583	..
Final consumption	74721	..	..	1181552	463656	*38128	..	518486	..	2276543	*38128
Final energy consumption	74721	..	..	1055199	234446	*38128	..	518486	..	1920981	*38128
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	*21640	..	273672	..	378167	*21640
Agriculture, forestry, fishing	..	..	..	15596	..	0	..	1955	..	17551	0
Commerce, public services	..	..	..	40028	905	..	..	159656	..	200589	..
Households	..	..	..	26288	38	*21492	..	112061	..	159879	*21492
Other consumers	..	..	..	..	..	*148	..	..	..	*148	*148
Non-energy use	..	..	..	126354	229209	..	..	..	..	355563	..

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
2017											
Primary production	78892	..	1417643	..	2187786	48421	..	96876	..	3829617	145297
Imports	803064	..	414244	560851	263506	354	..	25	..	2042044	354
Exports	-16021	..	-611362	-459860	-1162814	-5241	..	-4046	..	-2259343	-5241
International marine bunkers	..	..	..	-16033	..	..	..	..	..	-16033	..
International aviation bunkers	..	..	..	-110003	..	..	..	..	..	-110003	..
Stock changes	2402	..	-12140	4706	..	*943	..	..	..	-4089	*943
Total energy supply	868336	..	1208385	-20339	1288478	44478	..	92855	..	3482193	141354
Statistical difference	-1267	..	-17808	24628	28062	-6	..	-11	..	33598	96870
Transfers	..	..	-12476	20858	..	..	..	..	..	8382	..
Transformation	-794090	..	-1204750	1253785	-529069	*-8940	..	495356	..	-787706	*-8940
Electricity plants	-794090	..	..	-19778	-486145	*-8196	..	492332	..	-815876	*-8196
CHP plants	..	..	..	..	..	..	..	3024	..	3024	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	18324	..	-42924	..	..	..	..	-24600	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-103340	110587	..	..	..	..	..	7248	..
Oil refineries	..	..	-1119734	1152158	..	..	..	..	..	32424	..
Other transformation	..	..	..	10818	..	*-744	..	..	..	10074	*-744
Energy industries own use	..	..	-8968	-9686	-68331	..	..	-44233	..	-131217	..
Losses	..	..	..	..	-28982	..	..	-16517	..	-45499	..
Final consumption	75513	..	..	1219992	634035	*35544	..	527472	..	2492556	*35544
Final energy consumption	75513	..	..	1084184	263597	*35544	..	527472	..	1986311	*35544
Manufacturing, const., mining	75513	..	..	113027	257090	*2394	..	257101	..	705125	*2394
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	75513	..	..	..	..	..	..	..	..	75513	..
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	..	..	113027	257090	*2394	..	257101	..	629612	*2394
Transport	..	..	..	846968	5557	11850	..	1652	..	866026	11850
Road	..	..	..	819427	5557	11850	..	..	..	836833	11850
Rail	..	..	..	40	..	..	..	1652	..	1693	..
Domestic aviation	..	..	..	27501	..	..	..	..	..	27501	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	124189	951	*21301	..	268718	..	415160	*21301
Agriculture, forestry, fishing	..	..	..	41563	..	..	..	2102	..	43665	..
Commerce, public services	..	..	..	33587	929	..	..	157406	..	191922	..
Households	..	..	..	49040	23	*21153	..	109210	..	179425	*21153
Other consumers	..	..	..	..	..	*148	..	..	..	*148	*148
Non-energy use	..	..	..	135807	370437	..	..	..	..	506245	..

Maldives

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	149	..	43	192	192
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	43	20750	209
Statistical Difference	..	*-3	..	0	0	0	*-3	43
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	*-137	*-137	..
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	..
2017								
Primary production	149	..	58	207	207
Imports	..	24453	..	4	13	..	24470	17
Exports
International marine bunkers	..	*-2289	..	..	..	..	*-2289	..
International aviation bunkers	..	*-882	..	..	..	..	*-882	..
Stock changes
Total energy supply	..	21281	..	153	13	58	21505	224
Statistical Difference	..	0	..	0	0	0	0	58
Transfers
Transformation	..	*-7525	..	*-48	26	*2304	*-5243	*-22
Electricity plants	..	*-7525	..	..	..	*2304	*-5221	..
Charcoal plants	*-48	26	..	*-22	*-22
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-140	*-140	..
Losses	*-72	*-72	..
Final consumption	..	*13756	..	*106	*39	*2149	*16050	*145
Final energy consumption	..	*13658	..	*106	*39	*2149	*15951	*145
Manufacturing, const., mining	..	*516	..	..	..	*126	*642	..
Transport	..	*12437	..	..	..	..	*12437	..
Road	..	*5772	..	..	..	..	*5772	..
Domestic aviation	..	*963	..	..	..	..	*963	..
Domestic navigation	..	*5702	..	..	..	..	*5702	..
Other transport
Other	..	*705	..	*106	*39	*2023	*2872	*145
Agriculture, forestry, fishing
Commerce and public services	*698	*698	..
Households	..	*705	..	*106	*39	*677	*1526	*145
Other consumers	*648	*648	..
Non-energy use	..	*98	..	..	..	..	*98	..

Mali

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	*-4	*-4	3974
Transfers
Transformation	..	*-9165	..	*-16570	8375	*3100	*-14260	*-8195
Electricity plants	..	*-9165	..	*-1009	..	*3100	*-7074	*-1009
Charcoal plants	*-15561	8375	..	*-7186	*-7186
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-259	*-259	..
Final consumption	..	*30902	..	*36311	*8372	*4914	*80498	*44683
Final energy consumption	..	*30902	..	*36311	*8372	*4914	*80498	*44683
Manufacturing, const., mining	..	*12829	..	..	..	*2574	*15402	..
Transport	..	*14857	..	..	..	..	*14857	..
Road	..	*14857	..	..	..	..	*14857	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*3217	..	*36311	*8372	*2340	*50239	*44683
Agriculture, forestry, fishing
Commerce and public services	..	*350	..	..	..	*900	*1250	..
Households	..	*1562	..	*36311	*8372	*1440	*47684	*44683
Other consumers	..	*1305	..	..	..	..	*1305	..
Non-energy use
2017								
Primary production	53357	..	*3985	57342	57342
Imports	..	*42381	..	..	4	..	*42384	4
Exports	-25	-2	*-1980	*-2007	-27
International marine bunkers
International aviation bunkers	..	*-2073	..	..	..	..	*-2073	..
Stock changes
Total energy supply	..	*40308	..	53332	1	*2005	95646	57318
Statistical Difference	..	0	..	0	1	0	*1	3986
Transfers
Transformation	..	*-9332	..	*-19420	9853	*3114	*-15785	*-9567
Electricity plants	..	*-9332	..	*-1004	..	*3114	*-7222	*-1004
Charcoal plants	*-18416	9853	..	*-8563	*-8563
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-288	*-288	..
Final consumption	..	*30976	..	*33912	*9853	*4831	*79572	*43765
Final energy consumption	..	*30976	..	*33912	*9853	*4831	*79572	*43765
Manufacturing, const., mining	..	*12790	..	..	..	*2574	*15364	..
Transport	..	*14901	..	..	..	..	*14901	..
Road	..	*14901	..	..	..	..	*14901	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*3285	..	*33912	*9853	*2257	*49307	*43765
Agriculture, forestry, fishing
Commerce and public services	..	*350	..	..	..	817	1168	..
Households	..	*1586	..	*33912	*9853	*1440	*46790	*43765
Other consumers	..	*1349	..	..	..	..	*1349	..
Non-energy use

Malta

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	120	..	664	784	577
Imports	..	111272	..	377	6	5490	117145	383
Exports	..	-11677	..	..	..	..	-11677	..
International marine bunkers	..	-73967	..	..	..	..	-73967	..
International aviation bunkers	..	-5336	..	..	..	..	-5336	..
Stock changes	..	-1745	..	-110	..	..	-1856	-110
Total energy supply	..	18547	..	387	6	6154	25094	850
Statistical Difference	..	-331	..	-1	0	7	-325	249
Transfers
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	..	11598	..	333	6	7825	19763	546
Final energy consumption	..	11237	..	333	6	7825	19401	546
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	..	2754	..	75	6	6346	9181	288
Agriculture, forestry, fishing	..	345	..	..	..	43	389	..
Commerce and public services	..	1613	..	29	..	3576	5218	29
Households	..	796	..	46	6	2601	3449	259
Other consumers	126	126	..
Non-energy use	..	362	..	..	..	..	362	..
2017								
Primary production	99	..	767	866	657
Imports	..	119246	10646	278	11	3229	133409	289
Exports	..	-6320	..	..	..	-130	-6450	..
International marine bunkers	..	-88323	..	..	..	..	-88323	..
International aviation bunkers	..	-5998	..	..	..	..	-5998	..
Stock changes	..	-4452	-526	110	..	..	-4867	110
Total energy supply	..	14153	10121	487	11	3867	28638	1056
Statistical Difference	..	174	0	0	0	0	174	349
Transfers
Transformation	..	-2157	-9698	-73	..	5379	-6549	-73
Electricity plants	..	-2157	-9698	-73	..	5379	-6549	-73
Charcoal plants
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-180	-180	..
Losses	-422	..	..	-446	-869	..
Final consumption	..	11822	..	414	11	8619	20867	634
Final energy consumption	..	11420	..	414	11	8619	20465	634
Manufacturing, const., mining	..	739	..	..	..	1652	2391	..
Transport	..	8534	..	331	..	..	8865	331
Road	..	7930	..	331	..	..	8262	331
Domestic aviation	..	44	..	..	..	..	44	..
Domestic navigation	..	559	..	..	..	..	559	..
Other transport
Other	..	2148	..	83	11	6967	9209	303
Agriculture, forestry, fishing	..	215	..	..	..	54	269	..
Commerce and public services	..	1224	..	26	..	3856	5106	26
Households	..	710	..	57	11	2970	3747	277
Other consumers	86	86	..
Non-energy use	..	402	..	..	..	..	402	..

Mauritania

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	..	11150	..	19092	..	473	30716	19566
Imports	..	*39320	..	..	..	796	*40116	..
Exports	..	*-11150	..	..	..	-206	*-11356	..
International marine bunkers
International aviation bunkers	..	*-706	..	..	..	..	*-706	..
Stock changes
Total energy supply	..	*38614	..	19092	..	1064	*58770	19566
Statistical Difference	..	*9	..	0	0	50	*59	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	..	*30298	..	*7219	*6390	3389	*47296	*13610
Final energy consumption	..	*29984	..	*7219	*6390	3389	*46983	*13610
Manufacturing, const., mining	..	*9109	..	..	..	1287	*10396	..
Transport	..	*16382	..	..	..	..	*16382	..
Road	..	*16337	..	..	..	..	*16337	..
Domestic aviation	..	*44	..	..	..	..	*44	..
Domestic navigation
Other transport
Other	..	*4494	..	*7219	*6390	2102	*20205	*13610
Agriculture, forestry, fishing	..	*2365	..	..	..	..	*2365	..
Commerce and public services	838	838	..
Households	..	*2129	..	*7219	*6390	1264	*17002	*13610
Other consumers
Non-energy use	..	*314	..	..	..	..	*314	..
2017								
Primary production	..	9995	..	19448	..	*659	30103	20107
Imports	..	53143	..	..	..	*666	53809	..
Exports	..	*-9995	..	..	..	..	*-9995	..
International marine bunkers
International aviation bunkers	..	*-595	..	..	..	..	*-595	..
Stock changes
Total energy supply	..	52548	..	19448	..	*1325	73321	20107
Statistical Difference	..	0	..	0	0	*-6	*-6	659
Transfers
Transformation	..	*-6638	..	*-12140	6534	*2462	*-9782	*-5606
Electricity plants	..	*-6638	..	..	..	*2462	*-4176	..
Charcoal plants	*-12140	6534	..	*-5606	*-5606
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-17	*-17	..
Losses	*-648	*-648	..
Final consumption	..	*45910	..	*7308	*6534	3128	*62880	*13842
Final energy consumption	..	*45154	..	*7308	*6534	3128	*62124	*13842
Manufacturing, const., mining	..	*14340	..	..	..	*828	*15168	..
Transport	..	*24608	..	..	..	..	*24608	..
Road	..	*24564	..	..	..	..	*24564	..
Domestic aviation	..	*44	..	..	..	..	*44	..
Domestic navigation
Other transport
Other	..	*6206	..	*7308	*6534	2300	*22348	*13842
Agriculture, forestry, fishing	..	*3311	..	..	..	..	*3311	..
Commerce and public services	930	930	..
Households	..	*2895	..	*7308	*6534	1370	*18107	*13842
Other consumers
Non-energy use	..	*756	..	..	..	..	*756	..

Mauritius

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	..
2017								
Primary production	..	..	..	9602	..	517	10119	10119
Imports	37146	70362	..	..	..	..	107508	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	-19302	..	..	..	..	-19302	..
International aviation bunkers	..	-6791	..	..	..	..	-6791	..
Stock changes	-17413	-4902	..	..	..	..	-22315	..
Total energy supply	19733	39366	..	9602	..	517	69218	10119
Statistical Difference	-21	-51	..	11	0	174	112	528
Transfers	..	..	..	..	..	..	..	..
Transformation	-18871	-9768	..	-8410	15	10757	-26277	-8395
Electricity plants	-18871	-9768	..	-8391	..	10757	-26274	-8391
Charcoal plants	..	..	..	*-18	15	..	*-4	*-4
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-1002	-1002	..
Losses	..	..	..	..	..	-673	-673	..
Final consumption	883	29649	..	1181	15	9426	41154	1196
Final energy consumption	883	28849	..	1181	15	9426	40354	1196
Manufacturing, const., mining	883	3287	..	1059	..	2744	7972	1059
Transport	..	22323	..	..	..	..	22323	..
Road	..	15139	..	..	..	..	15139	..
Domestic aviation	..	6791	..	..	..	..	6791	..
Domestic navigation	..	393	..	..	..	..	393	..
Other transport	..	..	..	..	..	..	..	..
Other	..	3239	..	122	15	6682	10059	137
Agriculture, forestry, fishing	..	94	..	..	..	84	178	..
Commerce and public services	..	..	..	..	..	3427	3427	..
Households	..	2365	..	122	3	3142	5632	125
Other consumers	..	780	..	..	12	29	821	12
Non-energy use	..	800	..	..	..	..	800	..

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	..	5220343	..	1274171	362894	114124	149544	231508	7643979	743394
Imports	204490	31515	21402	1776376	1488579	..	..	8035	..	3530398	..
Exports	-59	..	-2751814	-391352	-915	..	..	-7085	..	-3151225	..
International marine bunkers	..	..	..	-37829	..	..	..	..	..	-37829	..
International aviation bunkers	..	..	..	-153779	..	..	..	..	..	-153779	..
Stock changes	-9018	..	-5569	-448	9058	..	..	..	..	-5978	..
Total energy supply	486808	31515	2484362	1192968	2770893	362894	114124	150494	231508	7825567	743394
Statistical difference	18378	0	-181606	-87048	153654	*-1	0	-39859	0	-136482	171676
Transfers	..	..	12807	-13140	..	..	..	..	..	-334	..
Transformation	-420726	17874	-2678774	2104342	-1506326	*-73061	-114124	1004490	-221328	-1887634	*-271704
Electricity plants	-367229	-5189	..	-315913	-1325974	*-58720	-114124	943744	-221328	-1464732	*-257363
CHP plants	..	..	..	-27237	-190145	*-14341	..	60746	..	-170976	*-14341
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-53497	52746	..	..	..	..	..	..	..	-751	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	1332	..	..	..	..	..	..	1332	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-29683	..	..	..	..	..	..	..	-29683	..
NGL plants & gas blending	..	..	-264439	286867	9792	..	..	..	..	32220	..
Oil refineries	..	..	-2415667	2160718	..	..	..	..	..	-254949	..
Other transformation	..	..	..	-93	..	..	..	..	..	-93	..
Energy industries own use	..	-15752	..	-235359	-513957	..	..	-77515	..	-842583	..
Losses	..	..	..	..	..	..	..	-144007	..	-144007	..
Final consumption	47704	33637	..	3135859	596956	*289834	..	973321	10180	5087491	*300014
Final energy consumption	47704	31005	..	2941908	576061	*289834	..	973321	10180	4870014	*300014
Manufacturing, const., mining	47704	31005	..	299007	533903	*38276	..	525402	519	1475816	*38795
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	*5111	..	367247	519	684124	*5630
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	*251558	..	443815	9661	1189076	*261219
Agriculture, forestry, fishing	..	..	..	133928	..	..	..	40806	..	174734	..
Commerce, public services	..	..	..	65510	10522	..	..	86382	3802	166216	3802
Households	..	..	..	243401	30681	*251558	..	212278	5859	743776	*257417
Other consumers	..	..	..	..	..	..	..	104350	..	104350	..
Non-energy use	..	2632	..	193951	20894	..	..	..	..	217477	..

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
2017											
Primary production	275508	..	4721455	..	1112254	380323	117536	156632	224908	6988617	760966
Imports	253696	34087	26086	2118068	1494916	..	..	7744	..	3934598	..
Exports	-88	-2810	-2723968	-331940	-596	..	..	-6494	..	-3065896	..
International marine bunkers	..	..	..	-33565	..	..	..	..	..	-33565	..
International aviation bunkers	..	..	..	-164627	..	..	..	..	..	-164627	..
Stock changes	-29597	..	-24409	2884	14289	..	..	..	..	-36832	..
Total energy supply	499520	31278	1999165	1590819	2620864	380323	117536	157882	224908	7622295	760966
Statistical difference	-2460	-42	-209707	114542	-69963	*-118	0	-37778	0	-205527	177916
Transfers	..	..	6995	-7099	..	..	..	..	..	-104	..
Transformation	-389651	17418	-2215867	1758204	-1602740	*-80237	-117536	1002794	-214020	-1841635	*-271958
Electricity plants	-339425	-3654	..	-361570	-1379389	*-52850	-117536	934528	-214020	-1533917	*-244571
CHP plants	..	..	..	-17708	-224787	*-27387	..	68267	..	-201615	*-27387
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-50226	49901	..	..	..	..	..	..	..	-325	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	1188	..	..	..	..	..	..	1188	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-28829	..	..	..	..	..	..	..	-28829	..
NGL plants & gas blending	..	..	-244780	245342	1436	..	..	..	..	1997	..
Oil refineries	..	..	-1972275	1892219	..	..	..	..	..	-80056	..
Other transformation	..	..	..	-78	..	..	..	..	..	-78	..
Energy industries own use	..	-16045	..	-185641	-454487	..	..	-61445	..	-717617	..
Losses	..	..	..	..	..	..	..	-158094	..	-158094	..
Final consumption	112330	32692	..	3041742	633601	*300204	..	978916	10888	5110372	*311092
Final energy consumption	112330	30200	..	2849489	617008	*300204	..	978916	10888	4899033	*311092
Manufacturing, const., mining	112330	30200	..	271218	574484	*49896	..	530874	598	1569599	*50494
Iron and steel	..	30164	..	5677	133081	..	..	19350	..	188272	..
Chemical and petrochemical	..	..	..	16108	118109	..	..	22061	..	156278	..
Non-ferrous metals	..	..	..	..	..	..	..	2988	..	2988	..
Non-metallic minerals	7073	..	..	122019	46554	..	..	41296	..	216941	..
Transport equipment	..	..	..	946	4953	..	..	9587	..	15486	..
Machinery	..	..	..	2417	..	..	..	..	..	2417	..
Mining and quarrying	..	..	..	15941	9905	..	..	43150	..	68996	..
Food and tobacco	..	..	..	8520	16839	*43800	..	8334	..	*77493	*43800
Paper, pulp and printing	..	..	..	10490	28406	..	..	11578	..	50474	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	281	..	281	..
Construction	..	..	..	10879	..	..	..	1998	..	12877	..
Industries n.e.s	105257	36	..	78221	216636	*6096	..	370253	598	777097	*6694
Transport	..	..	..	2135929	1979	..	..	3877	..	2141786	..
Road	..	..	..	2078613	1979	..	..	..	..	2080592	..
Rail	..	..	..	28380	..	..	..	3877	..	32257	..
Domestic aviation	..	..	..	576	..	..	..	..	..	576	..
Domestic navigation	..	..	..	28361	..	..	..	..	..	28361	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	442341	40545	*250308	..	444164	10290	1187648	*260598
Agriculture, forestry, fishing	..	..	..	136452	..	..	..	41656	..	178108	..
Commerce, public services	..	..	..	64896	10861	..	..	85208	3870	164835	3870
Households	..	..	..	240994	29684	*250308	..	212951	6420	740356	*256728
Other consumers	..	..	..	..	..	..	..	104350	..	104350	..
Non-energy use	..	2492	..	192253	16593	..	..	..	..	211338	..

Micronesia (Fed. States of)

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	24	..	7	31	31
Imports	..	*2521	..	2	..	..	*2524	2
Exports
International marine bunkers	..	*-133	..	..	..	..	*-133	..
International aviation bunkers	..	*-265	..	..	..	..	*-265	..
Stock changes
Total energy supply	..	*2123	..	26	..	7	*2157	33
Statistical Difference	..	*42	..	0	0	0	*42	7
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	..
2017								
Primary production	24	..	7	31	31
Imports	..	*2543	..	2	..	..	*2545	2
Exports
International marine bunkers	..	*-138	..	..	..	..	*-138	..
International aviation bunkers	..	*-278	..	..	..	..	*-278	..
Stock changes
Total energy supply	..	*2127	..	26	..	7	*2160	33
Statistical Difference	..	*10	..	0	0	0	*10	7
Transfers
Transformation	..	*-843	..	*-21	11	*240	*-612	*-10
Electricity plants	..	*-843	..	..	..	*240	*-603	..
Charcoal plants	*-21	11	..	*-10	*-10
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-8	*-8	..
Losses	*-70	*-70	..
Final consumption	..	*1274	..	*6	*11	*169	*1460	*17
Final energy consumption	..	*1182	..	*6	*11	*169	*1367	*17
Manufacturing, const., mining	*55	*55	..
Transport	..	*1138	..	..	..	..	*1138	..
Road	..	226	..	..	..	..	226	..
Domestic aviation	..	*35	..	..	..	..	*35	..
Domestic navigation	..	*571	..	..	..	..	*571	..
Other transport	..	*305	..	..	..	..	*305	..
Other	..	*44	..	*6	*11	*114	*175	*17
Agriculture, forestry, fishing
Commerce and public services	*53	*53	..
Households	*6	..	*60	*66	*6
Other consumers	..	*44	..	..	*11	..	*55	*11
Non-energy use	..	*92	..	..	..	..	*92	..

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	857	..	..	..	..	..	..	..	..	857	..
Industries n.e.s	1759	..	..	..	..	..	..	12083	9902	23743	..
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	..	..	..	..	..	..	..	..	..	..	..

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
2017											
Primary production	1267330	..	38167	..	..	5481	..	..	..	1310979	5481
Imports	51	..	..	55097	..	..	..	5667	..	60815	..
Exports	-813257	..	-37617	..	..	..	..	-93	..	-850967	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	-125704	..	-550	..	..	..	..	..	..	-126254	..
Total energy supply	328421	..	0	55097	..	5481	..	5575	..	394574	5481
Statistical difference	-66483	..	0	-4	..	0	..	0	0	-66488	0
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-130299	..	..	-4002	..	..	..	21698	47296	-65307	..
Electricity plants	..	..	..	-3913	..	..	..	868	..	-3045	..
CHP plants	-130299	..	..	-89	..	..	..	20830	47296	-62262	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	..	..	..	..	-2939	-2311	-5250	..
Losses	-10863	..	..	..	..	..	..	-2919	-2053	-15836	..
Final consumption	253742	..	..	51099	..	*5481	..	21415	42932	374669	*5481
Final energy consumption	253742	..	..	51099	..	*5481	..	21415	42932	374669	*5481
Manufacturing, const., mining	1776	..	..	..	..	..	..	13291	10461	25528	..
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	837	..	..	..	..	..	..	..	..	837	..
Industries n.e.s	939	..	..	..	..	..	..	13291	10461	24691	..
Transport	1109	..	..	18203	..	..	..	891	..	20203	..
Road	..	..	..	18203	..	..	..	..	..	18203	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	1109	..	..	..	..	..	..	891	..	2000	..
Other	250857	..	..	32896	..	*5481	..	7233	32472	328938	*5481
Agriculture, forestry, fishing	136	..	..	..	..	..	..	226	214	576	..
Commerce, public services	9539	..	..	..	..	..	..	..	14605	24144	..
Households	13835	..	..	..	..	*5481	..	5136	16195	40647	*5481
Other consumers	227347	..	..	32896	..	..	..	1871	1458	263571	..
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
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	..

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
2017											
Primary production	13585	..	..	..	..	9235	..	4086	..	26906	13321
Imports	46	..	..	17161	..	36	..	5533	..	22777	36
Exports	-893	..	..	-1457	..	-1574	..	-1501	..	-5425	-1574
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-882	..	..	..	..	..	-882	..
Stock changes	..	..	..	-434	..	..	..	..	..	-434	..
Total energy supply	12737	..	..	14388	..	7698	..	8118	..	42941	11784
Statistical difference	0	..	..	-43	..	0	..	421	..	378	4086
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-12341	..	..	..	..	-683	..	4853	..	-8171	-683
Electricity plants	-12341	..	..	..	..	..	..	4853	..	-7489	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	-683	..	..	..	-683	-683
Energy industries own use	..	..	..	..	..	..	..	-428	..	-428	..
Losses	..	..	..	..	..	..	..	-1843	..	-1843	..
Final consumption	396	..	..	14431	..	7015	..	10278	..	32120	7015
Final energy consumption	396	..	..	12801	..	7015	..	10278	..	30490	7015
Manufacturing, const., mining	230	..	..	2344	..	347	..	2635	..	5556	347
Iron and steel	175	..	..	..	..	..	..	144	..	319	..
Chemical and petrochemical	..	..	..	83	..	64	..	18	..	165	64
Non-ferrous metals	..	..	..	..	..	..	..	2124	..	2124	..
Non-metallic minerals	..	..	..	86	..	0	..	22	..	108	0
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	9	..	..	90	..	18	..	22	..	139	18
Mining and quarrying	..	..	..	559	..	..	..	32	..	591	..
Food and tobacco	28	..	..	393	..	238	..	108	..	766	238
Paper, pulp and printing	..	..	..	..	..	..	..	22	..	22	..
Wood and wood products	9	..	..	473	..	9	..	47	..	538	9
Textile and leather	..	..	..	..	..	9	..	4	..	13	9
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	9	..	..	659	..	9	..	94	..	771	9
Transport	..	..	..	9798	..	..	..	72	..	9870	..
Road	..	..	..	9798	..	..	..	..	..	9798	..
Rail	..	..	..	..	..	..	..	72	..	72	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	166	..	..	659	..	6668	..	7571	..	15063	6668
Agriculture, forestry, fishing	..	..	..	173	..	..	..	65	..	238	..
Commerce, public services	74	..	..	439	..	301	..	2876	..	3690	301
Households	92	..	..	47	..	6367	..	4630	..	11136	6367
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	1630	..	..	..	..	..	1630	..

Montserrat

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	..
2017								
Primary production
Imports	..	419	..	..	..	..	419	..
Exports
International marine bunkers	..	*-43	..	..	..	..	*-43	..
International aviation bunkers	..	*-4	..	..	..	..	*-4	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	..	372	..	..	..	..	372	..
Statistical Difference	..	0	..	..	..	0	0	..
Transfers
Transformation	..	*-172	..	..	..	*68	*-104	..
Electricity plants	..	*-172	..	..	..	*68	*-104	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	*-4	*-4	..
Final consumption	..	*200	..	..	..	*65	*265	..
Final energy consumption	..	*196	..	..	..	*65	*261	..
Manufacturing, const., mining	*28	*28	..
Transport	..	*150	..	..	..	..	*150	..
Road	..	*128	..	..	..	..	*128	..
Domestic aviation
Domestic navigation
Other transport	..	*22	..	..	..	..	*22	..
Other	..	*46	..	..	..	36	*82	..
Agriculture, forestry, fishing
Commerce and public services	*18	*18	..
Households	..	*46	..	..	..	18	*64	..
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
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	..	..	0	0	..	..	..	..	..	0	..
Transformation	-178592	..	0	-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	..	..	..	..	..	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	..

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
2017											
Primary production	..	..	212	..	2583	66748	..	15196	4471	89210	83407
Imports	188153	..	..	566850	40337	..	..	21809	..	817149	..
Exports	..	..	..	..	..	..	..	-580	..	-580	..
International marine bunkers	..	..	..	-5595	..	..	..	..	..	-5595	..
International aviation bunkers	..	..	..	-29900	..	..	..	..	..	-29900	..
Stock changes	-1741	..	..	241	..	..	..	..	..	-1500	..
Total energy supply	186412	..	212	531596	42920	66748	..	36425	4471	868785	83407
Statistical difference	0	..	212	-1250	150	0	..	0	0	-888	16687
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-185666	..	..	-35134	-40186	-1740	..	102928	-4471	-164269	-4721
Electricity plants	-185666	..	..	-35134	-40186	..	..	102928	-4471	-162529	-2981
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	-1740	..	..	..	-1740	-1740
Energy industries own use	..	..	..	..	..	..	..	-684	..	-684	..
Losses	..	..	..	..	..	..	..	-21838	..	-21838	..
Final consumption	746	..	..	497713	2584	65009	..	116831	..	682882	62000
Final energy consumption	746	..	..	477211	2584	65009	..	116831	..	662380	62000
Manufacturing, const., mining	746	..	..	89088	2584	5303	..	42574	..	140295	2294
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	2898	..	445	..	3902	..	7246	*85
Non-ferrous metals	83	..	..	3117	..	..	..	5036	..	8236	..
Non-metallic minerals	..	..	..	48811	1063	4556	..	8258	..	62688	1907
Transport equipment	..	..	..	176	..	..	..	709	..	886	..
Machinery	..	..	..	47	..	..	..	2261	..	2308	..
Mining and quarrying	..	..	..	17410	789	..	..	10145	..	28344	..
Food and tobacco	663	..	..	9648	..	210	..	6271	..	16792	210
Paper, pulp and printing	..	..	..	1172	732	..	..	1105	..	3009	..
Wood and wood products	..	..	..	..	..	11	..	119	..	130	11
Textile and leather	..	..	..	2518	..	50	..	2869	..	5437	50
Construction	..	..	..	2383	..	31	..	1073	..	3486	31
Industries n.e.s	0	..	..	907	0	1	..	824	..	1733	1
Transport	..	..	..	238690	..	..	..	1325	..	240015	..
Road	..	..	..	237200	..	..	..	..	..	237200	..
Rail	..	..	..	387	..	..	..	1325	..	1712	..
Domestic aviation	..	..	..	1103	..	..	..	..	..	1103	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	149434	..	59705	..	72932	..	282071	59705
Agriculture, forestry, fishing	..	..	..	37567	..	..	..	13388	..	50956	..
Commerce, public services	..	..	..	6219	..	32779	..	20088	..	59087	32779
Households	..	..	..	105526	..	26926	..	39456	..	171909	26926
Other consumers	..	..	..	121	..	..	..	..	..	121	..
Non-energy use	..	..	..	20502	..	..	..	..	..	20502	..

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	292449	..	56137	..	626251	348586
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	292449	..	40506	..	437206	348586
Statistical difference	3	..	..	442	-7853	0	..	1563	..	-5846	56137
Transfers	..	..	..	-13	..	..	..	..	..	-13	..
Transformation	..	..	..	-215	-21903	-187622	..	11172	..	-198567	-187622
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	..	..	..	..	..	-187622	..	..	..	-187622	-187622
Energy industries own use	0	..	..	..	..	..	..	-208	..	-208	..
Losses	..	..	..	..	..	..	..	-8928	..	-8928	..
Final consumption	568	..	..	78892	10068	*104827	..	40980	..	*235336	*104827
Final energy consumption	568	..	..	78892	10068	*104827	..	40980	..	*235336	*104827
Manufacturing, const., mining	0	..	..	5513	5358	8811	..	32761	..	52443	8811
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	8811	..	1669	..	15993	8811
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	*96017	..	8219	..	*127682	*96017
Agriculture, forestry, fishing	..	..	..	15437	..	..	..	78	..	15515	..
Commerce, public services	..	..	..	232	8	15429	..	2070	..	17739	15429
Households	..	..	..	1405	22	*80588	..	6071	..	*88087	*80588
Other consumers	568	..	..	1196	4578	..	..	0	..	6341	..
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
2017											
Primary production	316530	..	..	..	173163	291136	..	50623	..	831452	341759
Imports	93314	..	..	..	35766	..	129080	..
Exports	-316530	..	..	..	-147607	..	..	-35802	..	-499940	..
International marine bunkers
International aviation bunkers	-1676	..	..	..	..	..	-1676	..
Stock changes	994	..	..	-7900	..	..	..	..	..	-6905	..
Total energy supply	994	..	..	83738	25556	291136	..	50587	..	452011	341759
Statistical difference	0	..	..	470	4	-59	..	4	..	418	50565
Transfers	-8	..	..	..	..	..	-8	..
Transformation	-21187	-197533	..	10548	..	-208172	-197533
Electricity plants	-21187	..	..	10548	..	-10639	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	-197533	..	..	..	-197533	-197533
Energy industries own use	-994	..	..	..	..	..	..	-209	..	-1203	..
Losses	-8928	..	-8928	..
Final consumption	83260	4365	93661	..	51995	..	233281	93661
Final energy consumption	83260	4365	93661	..	51995	..	233281	93661
Manufacturing, const., mining	6934	4230	*8046	..	44957	..	64167	*8046
Iron and steel	25	..	..	..	..	25	..
Chemical and petrochemical	15	..	..	..	..	15	..
Non-ferrous metals	1548	..	..	38934	..	40482	..
Non-metallic minerals	2254	..	..	..	..	2254	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	253	..	..	..	..	253	..
Paper, pulp and printing	27	..	..	..	..	27	..
Wood and wood products
Textile and leather
Construction	6934	..	..	..	..	..	6934	..
Industries n.e.s	0	108	*8046	..	6023	..	14177	*8046
Transport	56712	103	..	..	..	..	56814	..
Road	53874	103	..	..	..	..	53976	..
Rail
Domestic aviation
Domestic navigation	2838	..	..	..	..	..	2838	..
Pipeline transport
Transport, n.e.s
Other	19614	32	85615	..	7038	..	112300	85615
Agriculture, forestry, fishing	16426	..	..	..	68	..	16494	..
Commerce, public services	1618	10	15517	..	1393	..	18539	15517
Households	1570	23	*70098	..	5501	..	*77191	*70098
Other consumers	76	..	76	..
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
2016											
Primary production	16584	..	28060	..	670130	457493	..	35078	..	1207346	492572
Imports	6118	..	..	197319	..	..	..	..	..	203437	..
Exports	-584	..	-6285	..	-522304	..	..	..	..	-529173	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	..	..	-1345	-8342	..	..	..	..	..	-9687	..
Total energy supply	22118	..	20430	188977	147826	457493	..	35078	..	871922	492572
Statistical difference	-768	..	0	10016	-3986	0	..	0	..	5262	35078
Transfers	..	..	..	-184	..	..	..	..	..	-184	..
Transformation	*-784	..	*-18538	10491	-111125	*-1852	..	29243	..	-92565	*-1852
Electricity plants	*-784	..	..	-6807	*-111125	..	..	29243	..	*-89473	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	0	..	..	..	..	..	..	..	..	0	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-446	464	..	..	..	..	..	17	..
Oil refineries	..	..	*-18091	16834	..	..	..	..	..	*-1258	..
Other transformation	..	..	..	..	..	*-1852	..	..	..	*-1852	*-1852
Energy industries own use	..	..	..	-215	-17543	..	..	0	..	-17758	..
Losses	..	..	-1892	..	..	..	..	-8586	..	-10478	..
Final consumption	*22103	..	..	189052	23144	*455642	..	*55735	..	*745676	*455642
Final energy consumption	*22103	..	..	181298	17489	*455642	..	*55735	..	*732266	*455642
Manufacturing, const., mining	*21468	..	..	37314	10782	*16706	..	*8924	..	95195	*16706
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	*12024	..	..	37314	0	*16706	..	*8924	..	74969	*16706
Transport	..	..	..	79418	6691	..	..	..	..	86109	..
Road	..	..	..	73604	6691	..	..	..	..	80295	..
Rail	..	..	..	0	..	..	..	..	..	0	..
Domestic aviation	..	..	..	5814	..	..	..	..	..	5814	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	635	..	..	64566	16	*438936	..	*46811	..	*550963	*438936
Agriculture, forestry, fishing	..	..	..	20205	..	..	..	..	..	20205	..
Commerce, public services	..	..	..	..	..	..	..	*6091	..	*6091	..
Households	..	..	..	9338	..	*438936	..	*14839	..	*463113	*438936
Other consumers	635	..	..	35023	16	..	..	*25880	..	61554	..
Non-energy use	..	..	..	7755	5656	..	..	..	..	13410	..

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
2017											
Primary production	21601	..	25437	..	639292	460086	..	*39338	..	1185753	499424
Imports	0	..	..	166441	..	..	..	..	..	166441	..
Exports	0	..	-10177	..	*-484435	..	..	*-5015	..	*-499627	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	..	..	58	1518	..	..	..	..	..	1576	..
Total energy supply	21601	..	15317	167959	154857	460086	..	*34323	..	854143	499424
Statistical difference	0	..	-4326	5580	0	0	..	0	..	1254	39338
Transfers	..	..	..	-168	..	..	..	..	..	-168	..
Transformation	-6070	..	*-17892	13292	-113500	*-1852	..	*30780	..	-95243	*-1852
Electricity plants	-6070	..	..	-4597	*-113500	..	..	*30780	..	*-93387	..
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	0	..	..	..	..	..	..	..	..	0	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-535	558	..	..	..	..	..	23	..
Oil refineries	..	..	*-17357	17330	..	..	..	..	..	*-27	..
Other transformation	..	..	..	..	..	*-1852	..	..	..	*-1852	*-1852
Energy industries own use	..	..	..	-193	-18677	..	..	*-493	..	-19363	..
Losses	..	..	-1752	..	..	..	..	*-4353	..	*-6104	..
Final consumption	*15531	..	..	175309	22680	*458235	..	*60256	..	*732011	*458235
Final energy consumption	*15531	..	..	164978	16972	*458235	..	*60256	..	*715972	*458235
Manufacturing, const., mining	*15531	..	..	28242	10304	*16787	..	9378	..	80242	*16787
Iron and steel	*2859	..	..	..	386	..	..	..	..	*3245	..
Chemical and petrochemical	..	..	..	..	5328	..	..	..	..	5328	..
Non-ferrous metals	..	..	..	..	71	..	..	..	..	71	..
Non-metallic minerals	*9444	..	..	..	3497	..	..	..	..	*12941	..
Transport equipment	..	..	..	..	125	..	..	..	..	125	..
Machinery	..	..	..	..	198	..	..	..	..	198	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	..	..	..	..	359	..	..	..	..	359	..
Paper, pulp and printing	..	..	..	..	9	..	..	..	..	9	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	330	..	..	..	..	330	..
Construction	..	..	..	..	0	..	..	..	..	0	..
Industries n.e.s	*3228	..	..	28242	0	*16787	..	9378	..	57636	*16787
Transport	..	..	..	68137	6654	..	..	..	..	74790	..
Road	..	..	..	58833	6654	..	..	..	..	65486	..
Rail	..	..	..	36	..	..	..	..	..	36	..
Domestic aviation	..	..	..	9268	..	..	..	..	..	9268	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	0	..	..	68599	14	*441448	..	*50879	..	*560940	*441448
Agriculture, forestry, fishing	..	..	..	14651	..	..	..	..	..	14651	..
Commerce, public services	..	..	..	..	14	..	..	*6620	..	*6635	..
Households	..	..	..	14152	..	*441448	..	*16128	..	*471727	*441448
Other consumers	0	..	..	39797	0	..	..	*28130	..	67927	..
Non-energy use	..	..	..	10331	5708	..	..	..	..	16039	..

Namibia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	..	..	..	..	..	..	..	..
Total energy supply	772	53256	..	14868	-2891	15725	81730	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	..	53087	..	*5203	1859	14198	74347	*7188
Final energy consumption	..	51881	..	*5203	1859	14198	73141	*7188
Manufacturing, const., mining	..	4422	..	*1173	..	2106	7701	*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	..
2017								
Primary production	..	..	..	15192	..	5861	21053	20927
Imports	953	54426	..	..	..	10624	66002	..
Exports	..	-161	..	..	-2950	-360	-3471	-2950
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-1632	..	..	..	..	-1632	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	953	52633	..	15192	-2950	16124	81952	17977
Statistical Difference	0	43	..	0	30	-4	69	5638
Transfers	..	..	..	..	..	..	..	..
Transformation	-953	0	..	*-9875	4868	238	*-5723	*-5008
Electricity plants	-953	0	..	..	..	238	-715	..
Charcoal plants	..	..	..	*-9875	4868	..	*-5008	*-5008
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	0	0	..
Losses	..	..	..	..	..	-1634	-1634	..
Final consumption	..	52590	..	*5317	1888	14731	74526	*7331
Final energy consumption	..	51424	..	*5317	1888	14731	73360	*7331
Manufacturing, const., mining	..	4293	..	*1199	..	2171	7663	*1199
Transport	..	27462	..	..	..	..	27462	..
Road	..	26168	..	..	..	..	26168	..
Domestic aviation	..	265	..	..	..	..	265	..
Domestic navigation	..	1029	..	..	..	..	1029	..
Other transport	..	..	..	..	..	..	..	..
Other	..	19669	..	*4118	1888	12560	38235	*6132
Agriculture, forestry, fishing	..	15756	..	..	..	..	15756	..
Commerce and public services	..	81	..	..	..	..	81	..
Households	..	88	..	*4118	1888	..	*6093	*6006
Other consumers	..	3745	..	..	..	12560	16305	126
Non-energy use	..	1166	..	..	..	..	1166	..

Nauru

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	1	1	1
Imports	..	*1015	..	..	..	..	*1015	..
Exports
International marine bunkers	..	-186	..	..	..	..	-186	..
International aviation bunkers	..	*-212	..	..	..	..	*-212	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	..	*617	..	..	..	1	*619	1
Statistical Difference	..	*-103	..	..	..	0	*-103	1
Transfers
Transformation	..	*-366	..	..	..	114	*-251	..
Electricity plants	..	*-366	..	..	..	114	*-251	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	*-7	*-7	..
Final consumption	..	*355	..	..	..	*108	*463	..
Final energy consumption	..	*355	..	..	..	*108	*463	..
Manufacturing, const., mining
Transport	..	*185	..	..	..	..	*185	..
Road
Domestic aviation
Domestic navigation
Other transport	..	*185	..	..	..	..	*185	..
Other	..	*170	..	..	..	*108	*278	..
Agriculture, forestry, fishing
Commerce and public services	*54	*54	..
Households	..	*1	..	..	..	*54	*55	..
Other consumers	..	*170	..	..	..	..	*170	..
Non-energy use
2017								
Primary production	4	4	4
Imports	..	*949	..	..	..	..	*949	..
Exports
International marine bunkers	..	*-162	..	..	..	..	*-162	..
International aviation bunkers	..	*-172	..	..	..	..	*-172	..
Stock changes
Total energy supply	..	*615	..	..	..	4	*619	4
Statistical Difference	..	*-163	..	..	..	0	*-163	4
Transfers
Transformation	..	*-400	..	..	..	125	*-275	..
Electricity plants	..	*-400	..	..	..	125	*-275	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	-3	-3	..
Losses	*-11	*-11	..
Final consumption	..	*379	..	..	..	*115	*494	..
Final energy consumption	..	*379	..	..	..	*115	*494	..
Manufacturing, const., mining
Transport	..	*176	..	..	..	..	*176	..
Road
Domestic aviation
Domestic navigation
Other transport	..	*176	..	..	..	..	*176	..
Other	..	*203	..	..	..	*115	*318	..
Agriculture, forestry, fishing
Commerce and public services	*58	*58	..
Households	..	*1	..	..	..	*58	*58	..
Other consumers	..	*202	..	..	..	..	*202	..
Non-energy use

Nepal

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	528	..	..	414594	..	15278	430400	429872
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	..	414594	..	23098	544453	429872
Statistical Difference	0	775	..	-12	0	36	799	15266
Transfers	..	..	..	..	..	..	..	..
Transformation	..	0	..	-949	325	..	-624	-624
Electricity plants	..	0	..	..	..	..	0	..
Charcoal plants	..	..	..	-949	325	..	-624	-624
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-173	-173	..
Losses	..	..	..	..	..	-5159	-5159	..
Final consumption	28864	77122	..	*413657	325	17730	*537698	*413981
Final energy consumption	28864	76720	..	*413657	325	17730	*537296	*413981
Manufacturing, const., mining	28764	689	..	14200	89	6246	49987	14288
Transport	..	50229	..	..	..	25	50254	..
Road	..	50229	..	..	..	..	50229	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	25	25	..
Other	100	25802	..	*399457	236	11459	*437055	*399693
Agriculture, forestry, fishing	..	8557	..	..	..	407	8964	..
Commerce and public services	..	7368	..	2257	236	2171	12032	2493
Households	100	9877	..	*397200	..	8298	*415475	*397200
Other consumers	..	..	..	..	..	583	583	..
Non-energy use	..	402	..	..	..	..	402	..
2017								
Primary production	578	..	..	421203	..	16700	438481	437904
Imports	32532	97269	..	..	..	9295	139096	..
Exports	..	..	..	..	..	-11	-11	..
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-6659	..	..	..	..	-6659	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	33109	90610	..	421203	..	25985	570908	437904
Statistical Difference	0	-2421	..	0	0	36	-2385	16700
Transfers	..	..	..	..	..	..	..	..
Transformation	..	..	..	-960	325	..	-636	-636
Electricity plants	..	..	..	..	..	..	..	..
Charcoal plants	..	..	..	-960	325	..	-636	-636
Other transformation	..	..	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-198	-198	..
Losses	..	..	..	..	..	-5195	-5195	..
Final consumption	33109	93031	..	*420243	325	20556	*567264	*420568
Final energy consumption	33109	92589	..	*420243	325	20556	*566822	*420568
Manufacturing, const., mining	33009	862	..	14334	89	7236	55529	14423
Transport	..	61494	..	..	..	18	61512	..
Road	..	61494	..	..	..	..	61494	..
Domestic aviation	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	18	18	..
Other	100	30233	..	*405909	236	13302	*449781	*406145
Agriculture, forestry, fishing	..	10535	..	..	..	454	10989	..
Commerce and public services	..	8409	..	2295	236	2416	13356	2531
Households	100	11289	..	*403614	..	9594	*424598	*403614
Other consumers	..	..	..	..	..	839	839	..
Non-energy use	..	442	..	..	..	..	442	..

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	..	..	66086	..	1594460	185855	42768	35539	3991	1928699	194621
Imports	415143	2823	2610033	3953496	1384268	29644	..	87329	..	8482737	19944
Exports	..	-4267	-32194	-4819198	-1796683	-61687	..	-69635	..	-6783663	-60373
International marine bunkers	..	..	..	-490455	-44	..	..	..	..	-490499	..
International aviation bunkers	..	..	..	-165551	..	..	..	..	..	-165551	..
Stock changes	3244	-1425	-22668	26218	75357	-606	..	..	..	80121	-606
Total energy supply	418388	-2868	2621256	-1495489	1257359	153206	42768	53233	3991	3051843	153587
Statistical difference	0	2	-116	-16540	-2431	-116	0	-5350	-5094	-29645	35423
Transfers	..	..	120896	-71266	..	..	..	..	..	49630	..
Transformation	-413714	39218	-2646568	2606101	-377024	-106944	-42768	379220	101500	-460979	-69349
Electricity plants	-268551	-15200	..	..	-155881	*-13174	-42768	228222	-14510	-281862	*-13174
CHP plants	-37767	-9010	..	-14258	-219722	-89807	..	150998	100509	-119057	-52213
Heat plants	..	..	..	-13217	-5504	*-1343	..	..	15501	-4563	*-1343
Coke ovens	-73380	78411	..	..	..	..	..	..	..	5031	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-34016	-14983	..	..	..	..	..	..	..	-48999	..
NGL plants & gas blending	..	..	0	-6386	4083	-2620	..	..	..	-4922	-2620
Oil refineries	..	..	-2590732	2593024	..	..	..	..	..	2291	..
Other transformation	..	..	-56090	46937	..	..	..	..	..	-9153	..
Energy industries own use	..	-8977	..	-102905	-57845	..	..	-36587	-10385	-216699	..
Losses	..	..	..	..	..	..	..	-19562	-3767	-23329	..
Final consumption	4674	27371	95700	952980	824920	*46378	..	381654	96433	2430110	*48814
Final energy consumption	4497	27285	..	607334	728752	*46378	..	381654	96433	1892333	*48814
Manufacturing, const., mining	4497	27165	..	146584	212290	*5794	..	131040	68914	596285	*5794
Iron and steel	2966	25459	..	172	10577	..	..	9382	7	48562	..
Chemical and petrochemical	..	..	..	127848	82926	..	..	48294	59318	318386	..
Non-ferrous metals	..	..	..	..	2779	..	..	7999	1233	12011	..
Non-metallic minerals	540	969	..	507	18431	..	..	4655	3	25105	..
Transport equipment	..	..	..	215	2068	..	..	2192	3	4479	..
Machinery	..	..	..	138	10718	..	..	10814	54	21724	..
Mining and quarrying	180	..	..	215	1874	..	..	889	1802	4960	..
Food and tobacco	811	..	..	305	57077	459	..	24692	4319	87664	459
Paper, pulp and printing	..	..	..	47	12973	209	..	8971	1898	24098	209
Wood and wood products	..	..	..	0	984	*1378	..	727	27	3116	*1378
Textile and leather	..	..	..	..	2547	..	..	1278	197	4022	..
Construction	..	57	..	17047	3987	499	..	3215	..	24805	499
Industries n.e.s	0	680	..	90	5350	*3249	..	7931	53	17353	*3249
Transport	..	..	..	425174	1785	9980	..	7088	..	444026	9980
Road	..	..	..	410407	1785	9943	..	1246	..	423380	9943
Rail	..	..	..	1210	..	37	..	5843	..	7090	37
Domestic aviation	..	..	..	441	..	..	..	..	..	441	..
Domestic navigation	..	..	..	13115	..	..	..	..	..	13115	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	120	..	35576	514677	*30605	..	243526	27519	852022	*33040
Agriculture, forestry, fishing	..	..	..	24168	91896	*5664	..	32026	6544	160298	8508
Commerce, public services	..	80	..	6893	125381	5909	..	130194	7782	276239	4583
Households	..	40	..	1604	297255	*19032	..	81306	13193	412430	*19950
Other consumers	..	..	..	2911	145	..	..	..	..	3056	..
Non-energy use	177	85	95700	345646	96169	..	..	..	..	537777	..

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
2017											
Primary production	..	..	61603	..	1388660	204822	36742	46202	9970	1748000	225024
Imports	390108	3975	2581450	3839990	1624523	28590	..	80849	..	8549485	19039
Exports	..	-6976	-36746	-4743434	-1681640	-72812	..	-68227	..	-6609835	-71202
International marine bunkers	..	..	..	-481386	-146	..	..	..	..	-481532	..
International aviation bunkers	..	..	..	-170358	..	..	..	..	..	-170358	..
Stock changes	-4946	2281	13768	79682	-37246	-3881	..	..	..	49657	-3881
Total energy supply	385162	-720	2620074	-1475506	1294152	156719	36742	58824	9970	3085417	168980
Statistical difference	-46	29	112	-19900	-5241	84	0	403	-1528	-26088	46286
Transfers	..	..	89089	-42241	..	..	..	..	..	46849	..
Transformation	-378915	38473	-2618939	2583860	-405119	-105135	-36742	375944	96218	-450356	-68414
Electricity plants	-228778	-17941	..	..	-171184	*-11926	-36742	216799	-14988	-264759	*-11926
CHP plants	-39203	-7474	..	-12192	-232448	-88913	..	159145	97545	-123539	-52192
Heat plants	..	..	..	-10494	-5942	*-1196	..	..	13661	-3971	*-1196
Coke ovens	-72020	76829	..	..	..	..	..	..	..	4809	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-38915	-12942	..	..	..	..	..	..	..	-51856	..
NGL plants & gas blending	..	..	-4884	-1023	4455	-3100	..	..	..	-4552	-3100
Oil refineries	..	..	-2570979	2572737	..	..	..	..	..	1758	..
Other transformation	..	..	-43272	34831	..	..	..	..	..	-8441	..
Energy industries own use	..	-8928	..	-96426	-57488	..	..	-34549	-10918	-208309	..
Losses	..	..	..	..	..	..	..	-19490	-4111	-23601	..
Final consumption	6293	28796	90112	989587	836786	*51501	..	380326	92687	2476087	*54281
Final energy consumption	6162	28711	..	615755	729645	*51501	..	380326	92687	1904786	*54281
Manufacturing, const., mining	6162	28591	..	145901	220757	*5693	..	128891	64685	600679	*5693
Iron and steel	4030	26788	..	219	11128	..	..	9306	6	51477	..
Chemical and petrochemical	..	..	..	126664	89797	..	..	45619	54801	316881	..
Non-ferrous metals	..	..	..	..	3089	..	..	7182	1065	11336	..
Non-metallic minerals	800	1026	..	550	17678	..	..	4550	4	24609	..
Transport equipment	..	..	..	172	2096	..	..	2120	3	4392	..
Machinery	..	..	..	133	11079	..	..	11704	39	22955	..
Mining and quarrying	180	..	..	129	2006	..	..	986	1709	5011	..
Food and tobacco	1151	..	..	47	57298	429	..	25243	4966	89135	429
Paper, pulp and printing	..	..	..	0	13698	216	..	8975	1795	24684	216
Wood and wood products	..	..	..	0	459	*1147	..	562	0	*2168	*1147
Textile and leather	..	..	..	..	2580	..	..	1332	169	4081	..
Construction	..	57	..	17938	4272	709	..	3312	..	26288	709
Industries n.e.s	0	720	..	47	5578	*3192	..	7999	128	17665	*3192
Transport	..	..	..	434240	1922	12757	..	6980	..	455899	12757
Road	..	..	..	419990	1922	12720	..	1346	..	435978	12720
Rail	..	..	..	1124	..	37	..	5634	..	6795	37
Domestic aviation	..	..	..	441	..	..	..	..	..	441	..
Domestic navigation	..	..	..	12685	..	..	..	..	..	12685	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	120	..	35615	506966	*33051	..	244454	28002	848208	*35831
Agriculture, forestry, fishing	..	..	..	24208	89586	*6237	..	33599	6747	160377	9284
Commerce, public services	..	80	..	7112	128940	7353	..	129521	8403	281409	6175
Households	..	40	..	1604	288294	*19461	..	81335	12852	403586	*20372
Other consumers	..	..	..	2690	146	..	..	..	..	2836	..
Non-energy use	131	86	90112	373832	107141	..	..	..	..	571301	..

New Caledonia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	..
2017								
Primary production	..	..	..	120	..	1703	1823	1682
Imports	27180	38914	..	..	..	..	66095	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	-297	..	..	..	..	-297	..
International aviation bunkers	..	-1151	..	..	..	..	-1151	..
Stock changes	3081	-1666	..	..	..	..	1415	..
Total energy supply	30261	35801	..	120	..	1703	67885	1682
Statistical Difference	-159	-307	..	0	0	-2	-467	1421
Transfers	..	..	..	..	..	..	..	..
Transformation	-19141	-17058	..	*-38	18	10059	-26160	*-20
Electricity plants	-19141	-17058	..	*-5	..	10059	-26144	*-5
Charcoal plants	..	..	..	*-33	18	..	*-15	*-15
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-2	-2	..
Losses	..	..	..	..	..	-244	-244	..
Final consumption	11279	19050	..	*82	*18	11519	41947	241
Final energy consumption	4865	18399	..	*82	*18	11519	34882	241
Manufacturing, const., mining	4865	8327	..	..	..	8957	22148	..
Transport	..	9319	..	..	..	..	9319	..
Road	..	8371	..	..	..	..	8371	..
Domestic aviation	..	265	..	..	..	..	265	..
Domestic navigation	..	683	..	..	..	..	683	..
Other transport	..	..	..	..	..	..	..	..
Other	..	753	..	*82	*18	2562	3414	241
Agriculture, forestry, fishing	..	211	..	..	..	..	211	..
Commerce and public services	..	164	..	..	..	1501	1665	141
Households	..	378	..	*82	*18	1061	1539	*100
Other consumers	..	..	..	..	..	..	..	..
Non-energy use	6414	*651	..	..	..	..	7065	..

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	..	76783	..	177112	50379	..	101819	291972	766392	444170
Imports	9615	..	225987	117143	..	..	..	..	..	352745	..
Exports	-35800	..	-65766	-8869	..	..	..	..	..	-110435	..
International marine bunkers	..	..	..	-12083	..	..	..	..	..	-12083	..
International aviation bunkers	..	..	..	-46261	..	..	..	..	..	-46261	..
Stock changes	6082	..	-1916	-3933	-869	..	..	..	..	-637	..
Total energy supply	48224	..	235088	45997	176243	50379	..	101819	291972	949722	444170
Statistical difference	1147	0	-4086	5846	932	-1	..	-500	0	3338	130150
Transfers	..	..	6758	-6781	..	..	..	..	..	-23	..
Transformation	-21877	3890	-245932	248580	-44158	-7665	..	55282	-283320	-295200	-262653
Electricity plants	-4407	..	..	-43	-33127	-2106	..	47596	-281680	-273767	-254794
CHP plants	-194	-7231	..	..	-11016	-5559	..	7686	-1640	-17954	-7859
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-17277	18929	..	..	-14	..	..	..	..	1638	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-8088	..	..	..	..	..	..	..	-8088	..
NGL plants & gas blending	..	..	-7920	8183	..	..	..	..	..	263	..
Oil refineries	..	..	-238012	240440	..	..	..	..	..	2428	..
Other transformation	..	280	..	..	..	..	..	..	..	280	..
Energy industries own use	-2384	-2000	..	-14317	-8692	..	..	-6962	0	-34356	..
Losses	..	-264	..	..	-575	..	..	-10638	..	-11477	..
Final consumption	22816	1626	..	267633	121885	42715	..	140000	8652	605328	51367
Final energy consumption	22816	1626	..	252242	69547	42715	..	140000	8652	537598	51367
Manufacturing, const., mining	20155	1626	..	19047	55058	35674	..	49702	4821	186082	40495
Iron and steel	..	1626	..	..	2189	..	..	5044	..	8858	..
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	..	8989	..	38845	39
Paper, pulp and printing	..	..	..	..	3547	..	..	4543	..	8090	..
Wood and wood products	554	..	..	..	1453	35635	..	5292	..	42934	35635
Textile and leather	58	..	..	..	501	..	..	349	..	909	..
Construction	..	..	..	4343	440	..	..	1429	..	6212	..
Industries n.e.s	1107	0	..	12124	119	0	..	1807	4821	19977	4821
Transport	..	..	..	205460	14	107	..	223	..	205805	107
Road	..	..	..	186654	14	107	..	..	..	186776	107
Rail	..	..	..	1978	..	..	..	..	..	1978	..
Domestic aviation	..	..	..	12834	..	..	..	..	..	12834	..
Domestic navigation	..	..	..	3994	..	..	..	..	..	3994	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	223	..	223	..
Other	2661	..	..	27735	14475	6934	..	90076	3831	145711	10765
Agriculture, forestry, fishing	1136	..	..	18024	1445	..	..	9238	657	30501	657
Commerce, public services	1175	..	..	6463	7305	214	..	34110	2535	51803	2749
Households	349	..	..	3248	5724	6720	..	44024	639	60705	7359
Other consumers	..	..	..	..	..	..	..	2704	..	2704	..
Non-energy use	..	..	..	15391	52339	..	..	..	..	67730	..

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
2017											
Primary production	69181	..	69521	..	174972	52679	..	98636	293200	758189	444516
Imports	9810	..	222952	114495	..	..	..	..	..	347256	..
Exports	-34718	..	-58477	-9862	..	..	..	..	..	-103057	..
International marine bunkers	..	..	..	-11532	..	..	..	..	..	-11532	..
International aviation bunkers	..	..	..	-51200	..	..	..	..	..	-51200	..
Stock changes	4327	..	1171	7427	2810	..	..	..	..	15734	..
Total energy supply	48599	..	235166	49328	177782	52679	..	98636	293200	955390	444516
Statistical difference	-894	0	-4331	-9440	-3466	-1	..	1206	0	-16926	127101
Transfers	..	..	7021	-7044	..	..	..	..	..	-23	..
Transformation	-23566	3984	-246518	241493	-53798	-7163	..	60534	-284652	-309686	-263350
Electricity plants	-5259	..	..	-43	-41605	-2212	..	52398	-282931	-279652	-256098
CHP plants	-314	-7635	..	..	-12179	-4951	..	8136	-1721	-18664	-7251
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-17993	19385	..	..	-14	..	..	..	..	1377	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-7930	..	..	..	..	..	..	..	-7930	..
NGL plants & gas blending	..	..	-8287	8561	..	..	..	..	..	275	..
Oil refineries	..	..	-238232	232975	..	..	..	..	..	-5257	..
Other transformation	..	164	..	..	..	..	..	..	..	164	..
Energy industries own use	-2906	-2118	..	-15158	-9519	..	..	-7409	0	-37110	..
Losses	..	-148	..	..	-619	..	..	-10469	..	-11236	..
Final consumption	23021	1718	..	278059	117311	45517	..	140087	8548	614260	54065
Final energy consumption	23021	1718	..	264461	69326	45517	..	140087	8548	552678	54065
Manufacturing, const., mining	19185	1718	..	18448	54808	38389	..	49874	4732	187155	43121
Iron and steel	..	1718	..	..	2222	..	..	4860	..	8800	..
Chemical and petrochemical	..	..	..	..	28694	..	..	1462	..	30155	..
Non-ferrous metals	216	..	..	..	..	..	..	18022	..	18237	..
Non-metallic minerals	2181	..	..	..	1949	..	..	990	..	5120	..
Transport equipment	..	..	..	..	..	..	..	112	..	112	..
Machinery	20	..	..	..	234	..	..	425	..	678	..
Mining and quarrying	..	..	..	2580	127	..	..	1246	..	3953	..
Food and tobacco	14834	..	..	..	15474	39	..	9554	..	39901	39
Paper, pulp and printing	..	..	..	..	3613	..	..	4475	..	8087	..
Wood and wood products	530	..	..	..	1499	38350	..	5234	..	45614	38350
Textile and leather	20	..	..	..	430	..	..	335	..	785	..
Construction	..	..	..	5375	456	..	..	1343	..	7174	..
Industries n.e.s	1385	0	..	10493	110	0	..	1818	4732	18538	4732
Transport	..	..	..	218845	8	107	..	223	..	219184	107
Road	..	..	..	199542	8	107	..	..	..	199657	107
Rail	..	..	..	1505	..	..	..	..	..	1505	..
Domestic aviation	..	..	..	13805	..	..	..	..	..	13805	..
Domestic navigation	..	..	..	3994	..	..	..	..	..	3994	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	223	..	223	..
Other	3836	..	..	27168	14510	7021	..	89989	3816	146340	10837
Agriculture, forestry, fishing	2502	..	..	16296	1305	..	..	9086	681	29871	681
Commerce, public services	1060	..	..	7340	7127	214	..	34294	2496	52530	2710
Households	275	..	..	3532	6078	6807	..	43906	639	61236	7446
Other consumers	..	..	..	..	..	..	..	2704	..	2704	..
Non-energy use	..	..	..	13598	47984	..	..	..	..	61582	..

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	63554	..	4165	25416	93135	93135
Imports	27410	46190	..	..	..	738	..	74339	..
Exports	-683	..	..	..	-65	..	-748	..
International marine bunkers
International aviation bunkers	-970	..	..	..	..	..	-970	..
Stock changes	2073	-568	..	..	..	..	..	1504	..
Total energy supply	29483	43968	..	63554	..	4838	25416	167260	93135
Statistical difference	635	399	..	65	..	-158	0	940	6772
Transfers
Transformation	-28849	7296	..	*-17463	..	12362	-25416	-52069	*-40337
Electricity plants	-20075	..	*-16749	..	12362	-25416	-49877	*-39623
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-28849	27371	..	..	..	..	..	-1478	..
Other transformation	-714	..	..	..	-714	-714
Energy industries own use	-1194	..	..	..	-695	..	-1889	..
Losses	-3470	..	-3470	..
Final consumption	49671	..	*46026	..	13194	..	*108891	*46026
Final energy consumption	47942	..	*46026	..	13194	..	*107163	*46026
Manufacturing, const., mining	7938	..	*3006	..	4226	..	15171	*3006
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	..	..	..	403	..	792	..
Industries n.e.s	7335	..	*3006	..	3823	..	14164	*3006
Transport	30630	..	..	..	..	..	30630	..
Road	27445	..	..	..	..	..	27445	..
Rail
Domestic aviation	132	..	..	..	..	..	132	..
Domestic navigation	3053	..	..	..	..	..	3053	..
Pipeline transport
Transport, n.e.s
Other	9374	..	*43020	..	8968	..	*61362	*43020
Agriculture, forestry, fishing	612	..	*1292	..	403	..	*2307	*1292
Commerce, public services	6400	..	*1762	..	4223	..	12386	*1762
Households	2362	..	*39966	..	4342	..	*46669	*39966
Other consumers
Non-energy use	1729	..	..	..	..	..	1729	..

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
2017											
Primary production	62317	..	4021	27036	93375	93375
Imports	31429	43171	..	..	..	1177	..	75777	..
Exports	-846	..	..	..	-4	..	-850	..
International marine bunkers
International aviation bunkers	-1103	..	..	..	..	..	-1103	..
Stock changes	-973	692	..	..	..	..	..	-281	..
Total energy supply	30456	41914	..	62317	..	5195	27036	166918	93375
Statistical difference	804	-808	..	*-1	..	-11	0	-16	6724
Transfers
Transformation	-29652	10342	..	*-19072	..	12269	-27036	-53149	*-43404
Electricity plants	-17812	..	*-18732	..	12269	-27036	-51312	*-43064
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-29652	28154	..	..	..	..	..	-1498	..
Other transformation	-340	..	..	..	-340	-340
Energy industries own use	-446	..	..	..	-1465	..	-1911	..
Losses	-3586	..	-3586	..
Final consumption	52619	..	*43247	..	12424	..	*108289	*43247
Final energy consumption	51091	..	*43247	..	12424	..	*106761	*43247
Manufacturing, const., mining	8282	..	*2720	..	4129	..	15131	*2720
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	..	..	..	328	..	759	..
Industries n.e.s	7635	..	*2720	..	3802	..	14157	*2720
Transport	32712	..	..	..	..	..	32712	..
Road	29139	..	..	..	..	..	29139	..
Rail
Domestic aviation	176	..	..	..	..	..	176	..
Domestic navigation	3397	..	..	..	..	..	3397	..
Pipeline transport
Transport, n.e.s
Other	10097	..	*40527	..	8294	..	*58918	*40527
Agriculture, forestry, fishing	655	..	*1242	..	414	..	*2311	*1242
Commerce, public services	6895	..	*1584	..	3884	..	12364	*1584
Households	2547	..	*37701	..	3996	..	*44244	*37701
Other consumers
Non-energy use	1528	..	..	..	..	..	1528	..

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	3946	..	34752	..	..	66501	..	47	..	105246	66548
Imports	3058	..	..	..	2805	..	5862	..
Exports	-12874	..	..	..	0	..	-12874	..
International marine bunkers
International aviation bunkers	-1967	..	..	..	..	..	-1967	..
Stock changes	0	..	*-3638	*3939	..	..	..	..	..	*301	..
Total energy supply	3946	..	31115	-7845	..	66501	..	2852	..	96568	66548
Statistical difference	160	0	66	-811	..	1	..	-83	..	-668	48
Transfers
Transformation	-3786	*89	-31049	22242	..	-3041	..	1542	..	-14003	-3041
Electricity plants	-3721	..	..	-2728	..	..	..	1542	..	-4907	..
CHP plants
Heat plants
Coke ovens
Briquetting plants	-66	*89	..	..	..	..	..	..	..	*23	..
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-31049	24970	..	..	..	..	..	-6079	..
Other transformation	-3041	..	..	..	-3041	-3041
Energy industries own use	-244	..	-244	..
Losses	0	..	..	0	..	..	..	*-749	..	*-749	..
Final consumption	..	*89	..	15208	..	*63459	..	*3485	..	*82241	*63459
Final energy consumption	..	*89	..	14886	..	*63459	..	*3485	..	*81919	*63459
Manufacturing, const., mining	2849	..	..	..	*979	..	3828	..
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	..	..	..	*979	..	3828	..
Transport	11309	..	..	..	..	..	11309	..
Road	11309	..	..	..	..	..	11309	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	..	*89	..	*728	..	*63459	..	*2506	..	*66782	*63459
Agriculture, forestry, fishing	*22	..	*22	..
Commerce, public services	*396	..	*396	..
Households	*728	..	*63459	..	*2088	..	*66276	*63459
Other consumers	..	*89	..	..	..	..	..	..	..	*89	..
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
2017											
Primary production	3581	..	38517	..	..	*55416	..	53	..	*97567	*55469
Imports	3979	..	..	..	3043	..	7022	..
Exports	*-15772	..	..	..	0	..	*-15772	..
International marine bunkers
International aviation bunkers	*-1967	..	..	..	..	..	*-1967	..
Stock changes	0	..	*-1354	*-912	..	..	..	..	..	*-2265	..
Total energy supply	3581	..	37164	*-14671	..	*55416	..	3096	..	*84585	*55469
Statistical difference	11	0	*-95	*1077	..	0	..	388	..	*1381	*53
Transfers
Transformation	-3570	*104	*-37259	*31779	..	*-3161	..	1986	..	*-10121	*-3161
Electricity plants	-3495	..	..	*-2885	..	..	..	1986	..	-4393	..
CHP plants
Heat plants
Coke ovens
Briquetting plants	-75	*104	..	..	..	..	..	..	..	*28	..
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	*-37259	*34664	..	..	..	..	..	*-2595	..
Other transformation	*-3161	..	..	..	*-3161	*-3161
Energy industries own use	-259	..	-259	..
Losses	0	..	..	0	..	..	..	*-785	..	*-785	..
Final consumption	..	*104	..	16031	..	*52255	..	*3650	..	*72040	*52255
Final energy consumption	..	*104	..	15870	..	*52255	..	*3650	..	*71879	*52255
Manufacturing, const., mining	*3936	..	..	..	*1026	..	*4962	..
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	*3936	..	..	..	*1026	..	*4962	..
Transport	11034	..	..	..	..	..	11034	..
Road	11034	..	..	..	..	..	11034	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	..	*104	..	*900	..	*52255	..	*2624	..	*55883	*52255
Agriculture, forestry, fishing	*22	..	*22	..
Commerce, public services	*414	..	*414	..
Households	*900	..	*52255	..	*2189	..	*55344	*52255
Other consumers	..	*104	..	..	..	..	..	..	..	*104	..
Non-energy use	*161	..	..	..	..	..	*161	..

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	..	3881930	..	1378260	4776590	..	20203	..	10058170	4796794
Imports	824762	..	..	..	..	..	824762	..
Exports	-3744831	-10477	-795834	..	..	..	..	-4551141	..
International marine bunkers	-12897	..	..	..	..	..	-12897	..
International aviation bunkers	-18698	..	..	..	..	..	-18698	..
Stock changes	-15056	-30144	..	..	..	..	..	-45201	..
Total energy supply	1187	..	122043	752545	582426	4776590	..	20203	..	6254995	4796794
Statistical difference	0	..	-10779	84714	6206	0	..	2221	..	82363	20203
Transfers	12587	-9889	..	..	..	..	..	2698	..
Transformation	-141264	143632	-254208	*-379110	..	94388	..	-536561	*-379110
Electricity plants	-235737	..	..	94388	..	-141349	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants	7236	..	-18471	..	..	..	..	-11235	..
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-148500	143632	..	..	..	..	..	-4867	..
Other transformation	*-379110	..	..	..	*-379110	*-379110
Energy industries own use	-13352	-179430	..	..	-4115	..	-196897	..
Losses	-4145	-2030	..	..	..	-17176	..	-23351	..
Final consumption	1187	..	..	786192	142582	*4397480	..	91080	..	*5418521	*4397480
Final energy consumption	1187	..	..	774976	92572	*4397480	..	91080	..	*5357296	*4397480
Manufacturing, const., mining	1187	..	..	18234	92572	*171571	..	14753	..	*298317	*171571
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	..	..	18234	66942	*171571	..	14753	..	*271500	*171571
Transport	721628	..	..	..	..	..	721628	..
Road	710105	..	..	..	..	..	710105	..
Rail	2322	..	..	..	..	..	2322	..
Domestic aviation	6880	..	..	..	..	..	6880	..
Domestic navigation	2322	..	..	..	..	..	2322	..
Pipeline transport
Transport, n.e.s
Other	35114	..	*4225909	..	76327	..	*4337350	*4225909
Agriculture, forestry, fishing	172	..	..	..	..	..	172	..
Commerce, public services	44	..	*113283	..	23191	..	*136518	*113283
Households	24386	..	*4112626	..	53136	..	*4190148	*4112626
Other consumers	10512	..	..	..	..	..	10512	..
Non-energy use	11216	50009	..	..	..	..	61225	..

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
2017											
Primary production	1187	..	3942396	..	1542420	4895957	..	19991	..	10401950	4915947
Imports	979754	..	..	..	..	..	979754	..
Exports	-3771370	-35863	-949392	..	..	..	..	-4756625	..
International marine bunkers	-13021	..	..	..	..	..	-13021	..
International aviation bunkers	-18081	..	..	..	..	..	-18081	..
Stock changes	-30283	4442	..	..	..	..	..	-25841	..
Total energy supply	1187	..	140744	917230	593028	4895957	..	19991	..	6568136	4915947
Statistical difference	0	..	-30825	279614	2874	*-1	..	1649	..	253310	19990
Transfers	23158	-19781	..	..	..	..	..	3377	..
Transformation	-193035	186418	-258449	*-387920	..	96106	..	-556879	*-387920
Electricity plants	-240028	..	..	96106	..	-143923	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants	7200	..	-18420	..	..	..	..	-11220	..
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-200235	186418	..	..	..	..	..	-13816	..
Other transformation	*-387920	..	..	..	*-387920	*-387920
Energy industries own use	-17621	-186529	..	..	-4262	..	-208412	..
Losses	-1692	-2673	..	..	..	-17399	..	-21764	..
Final consumption	1187	..	..	783960	145177	*4508037	..	92786	..	*5531148	*4508037
Final energy consumption	1187	..	..	777729	94258	*4508037	..	92786	..	*5473998	*4508037
Manufacturing, const., mining	1187	..	..	18396	94258	*172950	..	14872	..	*301662	*172950
Iron and steel	9845	..	..	..	..	9845	..
Chemical and petrochemical	16252	..	..	..	..	16252	..
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	..	..	18396	68161	*172950	..	14872	..	*274378	*172950
Transport	722261	..	..	..	..	..	722261	..
Road	710561	..	..	..	..	..	710561	..
Rail	2322	..	..	..	..	..	2322	..
Domestic aviation	7056	..	..	..	..	..	7056	..
Domestic navigation	2322	..	..	..	..	..	2322	..
Pipeline transport
Transport, n.e.s
Other	37072	..	*4335088	..	77915	..	*4450075	*4335088
Agriculture, forestry, fishing	172	..	..	..	..	..	172	..
Commerce, public services	44	..	*114186	..	23378	..	*137608	*114186
Households	25381	..	*4220902	..	54536	..	*4300819	*4220902
Other consumers	11476	..	..	..	..	..	11476	..
Non-energy use	6231	50919	..	..	..	..	57150	..

Niue

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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
2017								
Primary production	1	..	*16	*17	1
Imports	..	*101	..	..	..	..	*101	..
Exports
International marine bunkers
International aviation bunkers	..	*-21	..	..	..	..	*-21	..
Stock changes
Total energy supply	..	*80	..	1	..	*16	*97	1
Statistical Difference	..	0	..	0	0	0	0	*-16
Transfers
Transformation	..	*-33	..	0	0	*12	*-21	0
Electricity plants	..	*-33	..	..	..	*12	*-21	..
Charcoal plants	0	0	..	0	0
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
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	..	*41	..	..	..	..	*41	..
Road	..	*40	..	..	..	..	*40	..
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

North Macedonia

Terajoules

	Primary 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	..	..	..	..	12016	..	7310	211	50744	19537
Imports	4676	29	0	50977	6634	1040	..	7886	..	71243	1040
Exports	-13	0	0	-4240	..	-40	..	-575	..	-4867	-40
International marine bunkers	0	..	..	-69	..	..	..	..	..	-69	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	504	15	0	-801	1	-438	..	..	..	-719	-438
Total energy supply	36375	44	0	45867	6635	12578	..	14621	211	116331	20099
Statistical difference	130	0	0	-11	-5	0	..	0	0	114	7310
Transfers	..	..	0	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	..	..	-85	..	-2	..	-1656	-7	-1750	-2
Losses	..	..	..	..	-22	..	..	-3625	-304	-3951	..
Final consumption	2266	44	..	44672	1434	12443	..	22295	2139	85293	12654
Final energy consumption	2266	44	..	38674	1434	12443	..	22295	2139	79295	12654
Manufacturing, const., mining	2192	44	..	5716	1212	280	..	5953	65	15461	280
Iron and steel	1036	42	..	2330	795	4	..	3186	65	7458	4
Chemical and petrochemical	..	..	..	75	36	0	..	232	..	343	0
Non-ferrous metals	0	..	..	55	0	0	..	49	..	104	0
Non-metallic minerals	1129	..	..	944	40	1	..	480	..	2595	1
Transport equipment	..	..	..	45	99	2	..	260	..	407	2
Machinery	0	3	..	87	5	11	..	173	..	279	11
Mining and quarrying	..	..	..	553	..	1	..	562	..	1116	1
Food and tobacco	0	..	..	705	211	197	..	512	..	1625	197
Paper, pulp and printing	0	..	..	20	13	2	..	37	..	72	2
Wood and wood products	..	..	..	3	..	14	..	16	..	33	14
Textile and leather	26	..	..	226	3	22	..	204	..	482	22
Construction	0	..	..	653	..	7	..	68	..	728	7
Industries n.e.s	0	0	..	20	9	17	..	173	0	219	17
Transport	..	..	..	29144	6	7	..	51	..	29208	7
Road	..	..	..	28380	6	7	..	..	..	28393	7
Rail	..	..	..	86	..	..	..	51	..	137	..
Domestic aviation	..	..	..	677	..	..	..	..	..	677	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	0	..	..	..	..	0	..
Other	74	..	..	3813	216	12156	..	16292	2074	34626	12368
Agriculture, forestry, fishing	26	..	..	549	..	81	..	130	155	941	236
Commerce, public services	..	..	..	..	..	14	..	..	..	14	14
Households	27	..	..	486	3	11808	..	11007	1369	24699	11808
Other consumers	21	..	..	2779	213	253	..	5155	551	8972	309
Non-energy use	0	..	..	5998	..	..	..	..	..	5998	..

North Macedonia

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2017											
Primary production	35692	..	..	..	..	12601	..	4480	198	52971	17279
Imports	3666	134	0	47356	8539	1553	..	8257	..	69504	1553
Exports	-13	-1	0	-3862	..	-40	..	-1120	..	-5035	-40
International marine bunkers	0	..	..	-44	..	..	..	..	..	-44	..
International aviation bunkers	..	..	..	..	..	..	..	..	..	..	..
Stock changes	1118	-103	0	218	-7	433	..	..	..	1659	433
Total energy supply	40463	29	0	43669	8532	14547	..	11617	198	119055	19225
Statistical difference	-57	0	0	-88	-9	1	..	0	0	-153	4481
Transfers	..	..	0	6	..	..	..	..	..	6	..
Transformation	-38362	..	0	-986	-6858	-191	..	15680	2419	-28297	-191
Electricity plants	-38362	..	..	-986	..	..	..	12697	..	-26651	..
CHP plants	0	..	..	..	-5852	-191	..	2984	1303	-1756	-191
Heat plants	..	..	..	..	-1005	..	..	..	1116	110	..
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	..	..	-61	..	-1	..	-1716	-15	-1794	-1
Losses	..	..	..	..	-22	..	..	-3615	-314	-3950	..
Final consumption	2159	29	..	42716	1661	14353	..	21967	2289	85173	14551
Final energy consumption	2159	29	..	39284	1661	14353	..	21967	2289	81741	14551
Manufacturing, const., mining	2046	29	..	4928	1408	399	..	5116	91	14017	399
Iron and steel	627	29	..	1748	944	2	..	2218	91	5660	2
Chemical and petrochemical	..	..	..	80	38	0	..	268	..	387	0
Non-ferrous metals	0	..	..	56	0	0	..	50	..	106	0
Non-metallic minerals	1383	..	..	894	55	1	..	485	..	2818	1
Transport equipment	..	..	..	59	119	2	..	308	..	488	2
Machinery	0	0	..	103	7	10	..	189	..	309	10
Mining and quarrying	..	..	..	545	..	1	..	555	..	1101	1
Food and tobacco	0	..	..	627	218	304	..	516	..	1665	304
Paper, pulp and printing	0	..	..	23	15	2	..	37	..	77	2
Wood and wood products	..	..	..	3	..	17	..	17	..	36	17
Textile and leather	35	..	..	214	3	30	..	225	..	507	30
Construction	0	..	..	557	..	9	..	68	..	633	9
Industries n.e.s	0	0	..	17	10	21	..	180	0	229	21
Transport	..	..	..	30589	8	5	..	49	..	30651	5
Road	..	..	..	29644	8	5	..	..	..	29657	5
Rail	..	..	..	52	..	..	..	49	..	101	..
Domestic aviation	..	..	..	893	..	..	..	..	..	893	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	0	..	..	..	..	0	..
Other	113	..	..	3767	246	13949	..	16802	2198	37074	14147
Agriculture, forestry, fishing	30	..	..	598	..	89	..	141	152	1011	241
Commerce, public services	..	..	..	..	..	28	..	..	..	28	28
Households	45	..	..	507	6	13575	..	11148	1469	26749	13575
Other consumers	37	..	..	2663	240	257	..	5513	577	9286	303
Non-energy use	0	..	..	3432	..	..	..	..	..	3432	..

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	57257	..	522439	..	8720563	568858
Imports	18546	12141	20854	262226	144	16367	..	20664	..	350942	16367
Exports	-25627	..	-2929444	-808513	-4051422	-2044	..	-79744	..	-7896794	-2044
International marine bunkers	..	..	..	-3039	-1976	..	..	..	..	-5014	..
International aviation bunkers	..	..	..	-22138	..	..	..	..	..	-22138	..
Stock changes	4103	-428	-30921	14671	401	..	..	..	..	-12175	..
Total energy supply	20007	11714	893726	-556794	231791	71580	..	463360	..	1135383	583181
Statistical difference	-1012	-29	-2115	19860	-8915	-5	..	-734	222	7272	522435
Transfers	..	..	65365	-62885	..	..	..	..	..	2480	..
Transformation	-2276	-4295	-961206	982279	-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	..	..	-562831	562976	..	..	..	..	..	145	..
Other transformation	..	..	..	-184	..	..	..	..	..	-184	..
Energy industries own use	..	..	..	-19652	-190465	..	..	-30928	0	-241044	..
Losses	..	-59	..	..	..	..	..	-33012	-2456	-35527	..
Final consumption	18743	7388	..	323089	35933	50158	..	409122	19520	863953	46023
Final energy consumption	16579	7388	..	246694	17099	50158	..	409122	19520	766560	46023
Manufacturing, const., mining	16579	7388	..	32830	10401	13257	..	164722	1963	247140	9295
Iron and steel	5845	4771	..	305	25	180	..	18630	5	29761	79
Chemical and petrochemical	8149	2099	..	12761	4057	3128	..	27893	482	58570	2101
Non-ferrous metals	..	..	..	1065	1371	..	..	74750	54	77240	..
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	..	..	4824	583	15127	..
Industries n.e.s	0	0	..	370	86	145	..	1426	17	2043	145
Transport	..	..	..	189726	4951	14694	..	3118	..	212488	14694
Road	..	..	..	131188	895	14452	..	853	..	147388	14452
Rail	..	..	..	559	..	..	..	2264	..	2823	..
Domestic aviation	..	..	..	16803	..	..	..	..	..	16803	..
Domestic navigation	..	..	..	41177	4056	241	..	..	..	45474	241
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	24138	1747	22207	..	241283	17557	306931	22034
Agriculture, forestry, fishing	..	..	..	6996	543	..	..	7448	34	15021	..
Commerce, public services	..	..	..	10320	1053	1713	..	94079	12729	119894	1540
Households	..	..	..	4023	151	20494	..	139756	4794	169218	20494
Other consumers	..	..	..	2798	..	..	..	..	..	2798	..
Non-energy use	2164	..	..	76395	18834	..	..	..	..	97393	..

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
2017											
Primary production	3681	..	3783187	..	4551886	63416	..	520877	..	8923047	573322
Imports	21946	11714	76013	252401	0	20550	..	22000	..	404624	20550
Exports	-2108	..	-2837315	-835389	-4353988	-3806	..	-76594	..	-8109198	-3806
International marine bunkers	..	..	..	-6296	-1424	..	..	..	..	-7720	..
International aviation bunkers	..	..	..	-23108	..	..	..	..	..	-23108	..
Stock changes	-141	399	41073	8098	-1937	..	..	..	..	47493	..
Total energy supply	23379	12113	1062958	-604294	194538	80161	..	466283	..	1235137	590067
Statistical difference	731	513	34601	127937	-53896	-226	..	-1141	29	108548	520656
Transfers	..	..	73778	-70933	..	..	..	..	..	2845	..
Transformation	-3653	-4453	-1102135	1139350	-13916	-22288	..	8942	23044	24892	-15185
Electricity plants	..	-1255	..	-129	0	-196	..	1879	..	299	-196
CHP plants	-815	..	..	-43	-13386	-10309	..	10771	7126	-6656	-5931
Heat plants	..	-28	..	-546	-530	-11782	..	-3708	15918	-676	-9058
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-2838	-3170	..	..	..	..	..	..	..	-6008	..
NGL plants & gas blending	..	..	-405314	427582	..	..	..	..	..	22268	..
Oil refineries	..	..	-696821	712629	..	..	..	..	..	15808	..
Other transformation	..	..	..	-143	..	..	..	..	..	-143	..
Energy industries own use	..	..	..	-22665	-194145	-6	..	-34110	0	-250926	-3
Losses	..	-157	..	..	..	..	..	-32951	-2496	-35604	..
Final consumption	18996	6990	..	313521	40372	58093	..	409306	20519	867796	54223
Final energy consumption	16495	6990	..	233590	19207	58093	..	409306	20519	764198	54223
Manufacturing, const., mining	16495	6990	..	35977	12170	14328	..	165636	1974	253569	10630
Iron and steel	5732	4570	..	400	37	188	..	19951	7	30885	174
Chemical and petrochemical	7728	1864	..	13118	4525	2805	..	26834	425	57299	2027
Non-ferrous metals	..	..	..	923	1642	..	..	74981	39	77585	..
Non-metallic minerals	3035	557	..	2302	2165	3242	..	3377	25	14701	871
Transport equipment	..	..	..	176	46	1	..	1429	86	1738	0
Machinery	..	..	..	353	128	7	..	3816	156	4459	2
Mining and quarrying	..	..	..	2159	103	0	..	1480	0	3741	0
Food and tobacco	..	..	..	3342	2718	66	..	10674	712	17512	66
Paper, pulp and printing	..	..	..	378	452	4698	..	14069	125	19722	4233
Wood and wood products	..	..	..	258	164	3219	..	2214	317	6172	3157
Textile and leather	..	..	..	47	24	0	..	248	3	323	0
Construction	..	..	..	12010	20	..	..	5008	64	17101	..
Industries n.e.s	0	0	..	512	148	101	..	1555	15	2330	101
Transport	..	..	..	169975	4094	21149	..	3287	..	198505	21149
Road	..	..	..	123197	956	20961	..	1210	..	146323	20961
Rail	..	..	..	602	..	..	..	2077	..	2679	..
Domestic aviation	..	..	..	15436	..	..	..	..	..	15436	..
Domestic navigation	..	..	..	30741	3138	188	..	..	..	34067	188
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	27637	2943	22617	..	240383	18545	312125	22444
Agriculture, forestry, fishing	..	..	..	10380	561	..	..	7420	20	18381	..
Commerce, public services	..	..	..	11116	2060	1627	..	90043	13949	118796	1454
Households	..	..	..	2739	322	20990	..	142920	4576	171547	20990
Other consumers	..	..	..	3402	..	..	..	..	..	3402	..
Non-energy use	2501	..	..	79932	21165	..	..	..	..	103598	..

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	2101228	..	1208787	425	..	..	..	3310440	425
Imports	8370	2440	73402	394	..	..	..	84606	394
Exports	-1830152	-61225	-399319	-6	..	..	..	-2290702	-6
International marine bunkers	-67751	..	..	..	..	..	-67751	..
International aviation bunkers	-9570	..	..	..	..	..	-9570	..
Stock changes	-7221	..	..	..	..	..	-7221	..
Total energy supply	279446	-143327	882870	813	..	..	..	1019802	813
Statistical difference	-132864	8048	-4706	0	..	0	..	-129522	0
Transfers	56502	-53086	..	..	..	..	..	3416	..
Transformation	-468812	468318	-274461	*-176	..	123221	..	-151911	*-176
Electricity plants	-9632	-274461	..	..	123221	..	-160873	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-11227	12014	..	..	..	..	..	787	..
Oil refineries	-457585	465936	..	..	..	..	..	8350	..
Other transformation	*-176	..	..	..	*-176	*-176
Energy industries own use	-4604	-132758	..	..	-2232	..	-139594	..
Losses	-11696	..	-11696	..
Final consumption	259254	480357	*637	..	109292	..	849540	*637
Final energy consumption	226147	412094	*637	..	109292	..	748169	*637
Manufacturing, const., mining	12862	231894	..	..	18551	..	263307	..
Iron and steel	26204	..	..	..	..	26204	..
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	12862	191546	..	..	18551	..	222959	..
Transport	173003	..	..	..	..	..	173003	..
Road	173003	..	..	..	..	..	173003	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	40282	180200	*637	..	90742	..	311860	*637
Agriculture, forestry, fishing	1415	..	1415	..
Commerce, public services	173708	..	..	38945	..	212653	..
Households	8892	..	*637	..	50382	..	59911	*637
Other consumers	31390	6492	..	..	..	..	37882	..
Non-energy use	33107	68263	..	..	..	..	101370	..

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
2017											
Primary production	2027595	..	1214034	425	..	..	..	3242054	425
Imports	6720	14339	73402	394	..	..	..	94855	394
Exports	-1674911	-86639	-418460	-6	..	..	..	-2180015	-6
International marine bunkers	-41329	..	..	..	..	..	-41329	..
International aviation bunkers	-13098	..	..	..	..	..	-13098	..
Stock changes	-177	..	..	..	..	..	-177	..
Total energy supply	359404	-126904	868977	813	..	..	..	1102290	813
Statistical difference	-183159	26613	-27007	0	..	0	..	-183553	0
Transfers	50353	-47308	..	..	..	..	..	3045	..
Transformation	-592916	507702	-282853	*-176	..	130054	..	-238189	*-176
Electricity plants	-8256	-282853	..	..	130054	..	-161055	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-10520	11257	..	..	..	..	..	738	..
Oil refineries	-582397	504701	..	..	..	..	..	-77696	..
Other transformation	*-176	..	..	..	*-176	*-176
Energy industries own use	-6138	-144848	..	..	-1631	..	-152617	..
Losses	-11963	..	-11963	..
Final consumption	300739	468284	*637	..	116460	..	886119	*637
Final energy consumption	251662	400206	*637	..	116460	..	768964	*637
Manufacturing, const., mining	39778	241347	..	..	18076	..	299201	..
Iron and steel	26374	..	..	..	..	26374	..
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	11687	..	..	..	..	11687	..
Transport equipment
Machinery
Mining and quarrying	2606	..	..	..	..	2606	..
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	39778	200679	..	..	18076	..	258533	..
Transport	171309	..	..	..	..	..	171309	..
Road	171309	..	..	..	..	..	171309	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	40575	158859	*637	..	98384	..	298455	*637
Agriculture, forestry, fishing	1530	..	1530	..
Commerce, public services	152299	..	..	43243	..	195542	..
Households	9271	..	*637	..	53611	..	63519	*637
Other consumers	31304	6560	..	..	..	..	37864	..
Non-energy use	49077	68078	..	..	..	..	117155	..

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	..	*1076400	586558	49702	128056	..	*2121924	714614
Imports	194096	..	515562	742423	137773	105387	..	2358	..	1697598	105387
Exports	..	..	-8798	-10739	..	-188	..	..	..	-19726	-188
International marine bunkers	..	..	..	-4063	..	..	..	..	..	-4063	..
International aviation bunkers	..	..	..	-10584	..	..	..	..	..	-10584	..
Stock changes	..	..	0	-2720	*1121	..	..	..	..	-1598	..
Total energy supply	272439	..	709628	714316	*1215294	691757	49702	130414	..	*3783550	819813
Statistical difference	3684	0	159413	81381	*-12556	-16	0	-6113	..	225793	128040
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-20662	0	-550216	237415	-325694	*-25680	-49702	287752	..	-446787	*-25680
Electricity plants	-20662	..	..	-310975	-325694	*-23560	-49702	287752	..	-442841	*-23560
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	0	..	..	..	..	..	..	..	..	0	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	0	..	..	..	..	..	..	..	0	..
NGL plants & gas blending	..	..	-21614	23130	..	..	..	..	..	1516	..
Oil refineries	..	..	-528602	525260	..	..	..	..	..	-3342	..
Other transformation	..	..	..	..	..	*-2120	..	..	..	*-2120	*-2120
Energy industries own use	..	..	..	-9405	-7359	..	..	-16207	..	-32972	..
Losses	..	..	..	..	*-74324	..	..	-64163	..	*-138486	..
Final consumption	248092	..	..	860946	820474	*666093	..	343908	..	2939513	*666093
Final energy consumption	248092	..	..	797515	696139	*666093	..	343908	..	2751748	*666093
Manufacturing, const., mining	248092	..	..	88743	332335	*117708	..	86436	..	873314	*117708
Iron and steel	..	..	..	..	688	..	..	..	..	688	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	43753	..	..	..	..	..	43753	..
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	..	..	44989	331648	*117708	..	86436	..	828874	*117708
Transport	..	..	..	639110	62572	..	..	0	..	701682	..
Road	..	..	..	598569	62572	..	..	..	..	661141	..
Rail	..	..	..	12315	..	..	..	0	..	12315	..
Domestic aviation	..	..	..	28224	..	..	..	..	..	28224	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	2	..	..	..	..	..	2	..
Other	..	..	..	69663	301231	*548385	..	257472	..	1176752	*548385
Agriculture, forestry, fishing	..	..	..	559	..	..	..	33199	..	33758	..
Commerce, public services	..	..	..	..	..	..	..	48960	..	48960	..
Households	..	..	..	24901	270656	*548385	..	175313	..	*1019255	*548385
Other consumers	..	..	..	44203	30575	..	..	..	..	74778	..
Non-energy use	..	..	..	*63430	*124335	..	..	..	..	*187765	..

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
2017											
Primary production	84081	..	213380	..	*1089919	*590022	74164	123149	..	*2174714	713171
Imports	378294	..	700074	661833	221655	184405	..	1559	..	2147819	184405
Exports	..	..	-17428	-15267	..	-197	..	..	..	-32892	-197
International marine bunkers	..	..	..	-1834	..	..	..	..	..	-1834	..
International aviation bunkers	..	..	..	*-11025	..	..	..	..	..	*-11025	..
Stock changes	..	..	..	*3085	..	..	..	..	..	*3085	..
Total energy supply	462375	..	896026	636792	*1311574	*774229	74164	124708	..	*4279868	897378
Statistical difference	27921	..	259984	46410	-7979	0	0	-13374	..	312963	123149
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-115611	..	*-636042	345784	-430916	*-25721	-74164	321570	..	-615100	*-25721
Electricity plants	-115611	..	..	*-257546	-430916	*-23560	-74164	321570	..	-580227	*-23560
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-25238	*27008	..	..	..	..	..	*1770	..
Oil refineries	..	..	*-610804	576322	..	..	..	..	..	*-34482	..
Other transformation	..	..	..	..	..	*-2161	..	..	..	*-2161	*-2161
Energy industries own use	..	..	..	..	-8726	..	..	-13655	..	-22380	..
Losses	..	..	..	..	*-76500	..	..	-74214	..	*-150714	..
Final consumption	318843	..	..	936166	803410	*748509	..	371783	..	3178711	*748509
Final energy consumption	318843	..	..	866097	664134	*748509	..	371783	..	2969365	*748509
Manufacturing, const., mining	318843	..	..	72741	303886	*117708	..	98633	..	911811	*117708
Iron and steel	..	..	..	..	684	..	..	..	..	684	..
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	33047	..	..	..	..	..	33047	..
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	318843	..	..	39694	303202	*117708	..	98633	..	878079	*117708
Transport	..	..	..	712369	65588	..	..	..	..	777958	..
Road	..	..	..	669169	65588	..	..	..	..	734758	..
Rail	..	..	..	12771	..	..	..	..	..	12771	..
Domestic aviation	..	..	..	*30429	..	..	..	..	..	*30429	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	80986	294660	*630801	..	273150	..	1279597	*630801
Agriculture, forestry, fishing	..	..	..	645	..	..	..	34078	..	34723	..
Commerce, public services	..	..	..	..	..	..	..	47250	..	47250	..
Households	..	..	..	27298	264781	*630801	..	191822	..	*1114701	*630801
Other consumers	..	..	..	53043	29879	..	..	..	..	82923	..
Non-energy use	..	..	..	*70070	139276	..	..	..	..	209346	..

Palau

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	1	1	1
Imports	..	*3738	..	..	0	..	*3739	0
Exports
International marine bunkers
International aviation bunkers	..	*-635	..	..	..	..	*-635	..
Stock changes
Total energy supply	..	*3103	..	..	0	1	*3104	1
Statistical Difference	..	0	..	..	0	*10	*10	1
Transfers
Transformation	..	*-1075	..	..	..	*341	*-734	..
Electricity plants	..	*-1075	..	..	..	*341	*-734	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	*-23	*-23	..
Losses	*-54	*-54	..
Final consumption	..	*2028	..	..	0	*255	*2284	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	..
2017								
Primary production	1	1	1
Imports	..	*3897	..	..	0	..	*3897	0
Exports
International marine bunkers
International aviation bunkers	..	*-664	..	..	..	..	*-664	..
Stock changes
Total energy supply	..	*3233	..	..	0	1	*3234	1
Statistical Difference	..	0	..	..	0	0	0	1
Transfers
Transformation	..	*-1118	..	..	..	*342	*-776	..
Electricity plants	..	*-1118	..	..	..	*342	*-776	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	*-19	*-19	..
Losses	*-58	*-58	..
Final consumption	..	*2115	..	..	0	*267	*2382	0
Final energy consumption	..	*2075	..	..	0	*267	*2342	0
Manufacturing, const., mining	*22	*22	..
Transport	..	*1983	..	..	..	..	*1983	..
Road	..	*670	..	..	..	..	*670	..
Domestic aviation
Domestic navigation	..	*1313	..	..	..	..	*1313	..
Other transport
Other	..	*92	..	..	0	*245	*338	0
Agriculture, forestry, fishing
Commerce and public services	*159	*159	..
Households	..	*92	..	..	0	*86	*178	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
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	-4428	..	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	44133	5722
Agriculture, forestry, fishing	..	733	..	..	..	66	799	..
Commerce and public services	..	2235	..	..	14	18948	21197	14
Households	..	6366	..	5687	21	10062	22138	5709
Other consumers	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	..	..	..	..	..
2017								
Primary production	..	..	..	13056	..	28452	41507	41507
Imports	2252	337012	..	..	..	24	339288	..
Exports	..	-19	..	..	..	-1143	-1162	..
International marine bunkers	..	-172670	..	..	..	..	-172670	..
International aviation bunkers	..	-30304	..	..	..	..	-30304	..
Stock changes	..	19916	..	..	..	..	19916	..
Total energy supply	2252	153936	..	13056	..	27332	196576	41507
Statistical Difference	0	19117	..	0	0	-149	18969	28452
Transfers	..	..	..	..	..	..	..	..
Transformation	-2252	-22401	..	-2886	34	11343	-16163	-2853
Electricity plants	-2252	-22401	..	-2843	..	11343	-16153	-2843
Charcoal plants	..	..	..	-44	34	..	-10	-10
Other transformation	0	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-869	-869	..
Losses	..	..	..	..	..	-5211	-5211	..
Final consumption	..	112418	..	10169	34	32742	155364	10203
Final energy consumption	..	112418	..	10169	34	32742	155364	10203
Manufacturing, const., mining	..	29443	..	4504	..	2343	36289	4504
Transport	..	70090	..	..	..	148	70238	..
Road	..	68869	..	..	..	..	68869	..
Domestic aviation	..	1157	..	..	..	..	1157	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	64	..	..	..	148	212	..
Other	..	12885	..	5666	34	30252	48836	5699
Agriculture, forestry, fishing	..	594	..	..	..	66	660	..
Commerce and public services	..	2439	..	..	13	19822	22275	13
Households	..	9852	..	5666	21	10364	25902	5686
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
2016											
Primary production	49321	..	107995	56687	..	3618	15120	232740	75425
Imports	57862	39816	..	..	..	..	..	97678	..
Exports	-49320	-19050	-92282	-45	..	..	..	-160696	-45
International marine bunkers	-377	..	..	..	..	..	-377	..
International aviation bunkers	*-2784	..	..	..	..	..	*-2784	..
Stock changes	1340	2010	..	..	..	..	..	3350	..
Total energy supply	59203	19615	15713	56642	..	3618	15120	169911	75380
Statistical difference	-333	-211	-2110	0	..	0	0	-2655	5130
Transfers	-2512	..	..	..	..	..	-2512	..
Transformation	-59536	32866	-7574	*-495	..	12384	-15120	-37475	-14103
Electricity plants	-26587	-7574	..	..	12384	-15120	-36897	-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	-10249	..	..	-419	..	-10668	..
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

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
2017											
Primary production	43907	..	113455	56687	..	3164	15120	232333	74971
Imports	59728	*38359	..	..	..	..	..	98087	..
Exports	-43907	-18000	-96388	-7	..	..	..	-158302	-7
International marine bunkers	*-12	..	..	..	..	..	*-12	..
International aviation bunkers	*-2805	..	..	..	..	..	*-2805	..
Stock changes	-3426	*2231	..	..	..	..	..	-1195	..
Total energy supply	56302	*19773	17067	56680	..	3164	15120	168106	74964
Statistical difference	-3806	*-4267	-1472	0	..	0	0	-9546	4676
Transfers	*-3265	..	..	..	..	..	*-3265	..
Transformation	-60108	*29903	-7838	*-497	..	13129	-15120	-40531	-14105
Electricity plants	*-26986	-7838	..	..	13129	-15120	-36815	-13608
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-60108	*56889	..	..	..	..	..	-3219	..
Other transformation	*-497	..	..	..	*-497	*-497
Energy industries own use	-10701	..	..	-684	..	-11385	..
Losses	*-1217	..	*-1217	..
Final consumption	*50678	..	*56183	..	*14393	..	*121254	*56183
Final energy consumption	*50678	..	*56183	..	*14393	..	*121254	*56183
Manufacturing, const., mining	*20788	..	*5818	..	*10566	..	*37172	*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	*20788	..	*4938	..	*10566	..	*36292	*4938
Transport	*23650	..	..	..	..	..	*23650	..
Road	*20845	..	..	..	..	..	*20845	..
Rail
Domestic aviation	*2805	..	..	..	..	..	*2805	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	*6240	..	*50365	..	*3827	..	*60432	*50365
Agriculture, forestry, fishing	*4227	..	..	..	*252	..	*4479	..
Commerce, public services	*353	..	*353	..
Households	*1884	..	*50365	..	*3222	..	*55471	*50365
Other consumers	*130	..	..	..	..	..	*130	..
Non-energy use

Paraguay

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	..	..	..	120599	..	229573	350172	350172
Imports	46	103325	..	..	..	..	103370	..
Exports	..	..	..	..	-2741	-174294	-177035	-2741
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-2001	..	..	..	..	-2001	..
Stock changes	..	-3340	..	..	..	..	-3340	..
Total energy supply	46	97983	..	120599	-2741	55278	271165	347431
Statistical Difference	0	-3775	..	0	0	0	-3775	229573
Transfers	..	..	..	..	..	..	..	..
Transformation	..	-17	..	-29287	12139	5	-17160	-17148
Electricity plants	..	-17	..	..	..	5	-12	..
Charcoal plants	..	..	..	-29287	12139	..	-17148	-17148
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-1884	-1884	..
Losses	..	..	..	..	..	-13756	-13756	..
Final consumption	46	101741	..	91312	9398	39643	242140	100710
Final energy consumption	46	99999	..	91312	9398	39643	240398	100710
Manufacturing, const., mining	46	2299	..	50272	921	14777	68314	51193
Transport	..	94288	..	6219	..	..	100507	6219
Road	..	94141	..	6219	..	..	100360	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	..
2017								
Primary production	..	..	..	122651	..	214862	337513	337513
Imports	35	107891	..	..	..	..	107926	..
Exports	..	..	..	..	-3085	-157085	-160170	-3085
International marine bunkers	..	..	..	..	..	..	..	..
International aviation bunkers	..	-2655	..	..	..	..	-2655	..
Stock changes	..	5204	..	..	..	..	5204	..
Total energy supply	35	110440	..	122651	-3085	57777	287818	334428
Statistical Difference	0	-3896	..	0	0	0	-3896	214862
Transfers	..	..	..	..	..	..	..	..
Transformation	..	-20	..	-31614	13103	5	-18525	-18511
Electricity plants	..	-20	..	..	..	5	-15	..
Charcoal plants	..	..	..	-31614	13103	..	-18511	-18511
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-1784	-1784	..
Losses	..	..	..	..	..	-14401	-14401	..
Final consumption	35	114316	..	91037	10018	41598	257004	101055
Final energy consumption	35	112173	..	91037	10018	41598	254861	101055
Manufacturing, const., mining	35	1874	..	49453	647	16027	68036	50099
Transport	..	106850	..	6439	..	..	113289	6439
Road	..	106697	..	6439	..	..	113136	6439
Domestic aviation	..	153	..	..	..	..	153	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	3449	..	35145	9372	25570	73536	44517
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..
Commerce and public services	..	..	..	..	..	1788	1788	..
Households	..	14	..	35125	..	17713	52853	35125
Other consumers	..	3434	..	20	9372	6069	18895	9392
Non-energy use	..	2143	..	..	..	..	2143	..

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	92582	..	93924	1389	957262	187895
Imports	17843	3553	222876	205638	..	14329	..	79	..	464318	14329
Exports	-4508	0	-4897	-214706	-216911	..	..	-137	..	-441159	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-41895	..	..	..	..	..	-41895	..
Stock changes	12185	-931	601	2421	..	77	..	..	..	14354	77
Total energy supply	32869	2623	451050	-48542	312638	106988	..	93866	1389	952880	202301
Statistical difference	-2711	28	-43	9658	9500	970	..	-4	0	17399	94894
Transfers	..	..	73616	-9741	..	..	..	..	..	63875	..
Transformation	-12095	..	-524709	498859	-179646	-15635	..	95868	..	-137359	-15635
Electricity plants	-12095	..	..	-18070	-179646	-13653	..	95868	..	-127597	-13653
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-146936	150999	..	..	..	..	..	4063	..
Oil refineries	..	..	-377773	365930	..	..	..	..	..	-11842	..
Other transformation	..	..	..	..	..	-1982	..	..	..	-1982	-1982
Energy industries own use	..	..	..	-11226	-51822	..	..	-6592	..	-69640	..
Losses	..	..	..	..	..	..	..	-19742	..	-19742	..
Final consumption	23485	2594	..	419691	71669	90383	..	163404	1389	772615	91772
Final energy consumption	23485	2594	..	408314	71669	90383	..	163404	1389	761238	91772
Manufacturing, const., mining	23482	2594	..	39441	43532	18319	..	93794	3	221167	18322
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	..	..	..	17077	..	937	..	..	..	18014	937
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	21889	0	..	22364	43532	17383	..	40975	2	146145	17385
Transport	..	..	..	304441	24448	11304	..	166	..	340359	11304
Road	..	..	..	296555	..	11304	..	..	..	307860	11304
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	0	..	..	..	..	..	0	..
Domestic navigation	..	..	..	7886	..	..	..	..	..	7886	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	24448	..	..	166	..	24613	..
Other	3	..	..	64432	3689	60759	..	69444	1386	199713	62145
Agriculture, forestry, fishing	3	..	..	4762	0	266	..	4504	5	9539	271
Commerce, public services	..	..	..	20643	812	3810	..	31104	562	56930	4372
Households	..	..	..	39027	2877	56683	..	33836	819	133243	57502
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	11377	..	..	..	..	..	11377	..

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
2017											
Primary production	8142	..	232476	..	470939	88842	..	109721	1382	911502	199945
Imports	14366	1833	264805	240830	..	13348	..	60	..	535242	13348
Exports	-9549	0	-3308	-262265	-206427	..	..	0	..	-481548	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-43187	..	..	..	..	..	-43187	..
Stock changes	15851	395	-2706	24130	..	207	..	..	..	37877	207
Total energy supply	28810	2228	491267	-40492	264513	102397	..	109781	1382	959885	213500
Statistical difference	-710	0	-5542	7905	-2429	843	..	3	0	69	110564
Transfers	..	..	57448	-38388	..	..	..	..	..	19060	..
Transformation	-9026	..	-554256	519294	-149002	-20558	..	80154	..	-133395	-20558
Electricity plants	-9026	..	..	-21400	-149002	-18667	..	80154	..	-117941	-18667
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-140412	141950	..	..	..	..	..	1538	..
Oil refineries	..	..	-413844	398745	..	..	..	..	..	-15100	..
Other transformation	..	..	..	..	..	-1892	..	..	..	-1892	-1892
Energy industries own use	..	..	..	-8083	-37344	..	..	-2708	..	-48135	..
Losses	..	..	..	..	..	..	..	-19953	..	-19953	..
Final consumption	20495	2228	..	424427	80596	80996	..	167270	1382	777394	82378
Final energy consumption	20495	2228	..	411884	80596	80996	..	167270	1382	764851	82378
Manufacturing, const., mining	20492	2228	..	41184	50257	13343	..	96178	3	223684	13346
Iron and steel	1264	2228	..	..	0	..	..	53806	1	57298	1
Chemical and petrochemical	..	..	..	..	..	..	..	..	..	..	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	..	..	..	..	..	..	..	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	..	..	..	..
Mining and quarrying	..	..	..	17191	..	899	..	..	..	18090	899
Food and tobacco	..	..	..	..	..	..	..	..	..	..	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	..	..	..	..	..	..	..	..
Construction	..	..	..	..	..	..	..	..	..	..	..
Industries n.e.s	19228	0	..	23993	50257	12444	..	42372	2	148296	12446
Transport	..	..	..	309224	25700	11026	..	191	..	346141	11026
Road	..	..	..	301782	..	11026	..	..	..	312809	11026
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	0	..	..	..	..	..	0	..
Domestic navigation	..	..	..	7442	..	..	..	..	..	7442	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	25700	..	..	191	..	25890	..
Other	3	..	..	61476	4640	56627	..	70902	1379	195027	58006
Agriculture, forestry, fishing	3	..	..	4475	73	258	..	4586	7	9402	264
Commerce, public services	..	..	..	17482	944	3727	..	31853	535	54542	4262
Households	..	..	..	39519	3623	52642	..	34463	837	131084	53479
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	12542	..	..	..	..	..	12542	..

Philippines

Terajoules

	Primary 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	470645	..	9510	..	..	..	1375991	9510
Exports	-151031	..	-28005	-54922	..	..	..	..	..	-233959	..
International marine bunkers	..	..	..	-2117	..	..	..	..	..	-2117	..
International aviation bunkers	..	..	..	-57903	..	..	..	..	..	-57903	..
Stock changes	8572	..	-9344	-5764	..	2016	..	..	..	-4520	2016
Total energy supply	537229	9475	446286	349938	139619	265691	..	36720	398534	2183492	700722
Statistical difference	-6736	0	-10321	14963	0	-6	..	122	0	-1977	76568
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-425312	-5685	-451392	381672	-131615	48004	..	293720	-398534	-689142	-310453
Electricity plants	*-425312	..	..	*-52916	*-131615	*-10686	..	293720	-398534	-725343	-369144
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-5685	..	..	..	..	..	..	..	-5685	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-451392	434588	..	..	..	..	..	-16803	..
Other transformation	..	..	..	..	..	58690	..	..	..	58690	58690
Energy industries own use	..	..	-5216	..	-5236	..	..	-33532	..	-43984	..
Losses	..	..	..	..	..	..	..	-29831	..	-29831	..
Final consumption	118653	3790	..	716647	2767	313701	..	266955	..	1422513	313701
Final energy consumption	111279	3790	..	669165	2767	313701	..	266955	..	1367658	313701
Manufacturing, const., mining	111279	3790	..	63114	2767	43249	..	86827	..	311025	43249
Iron and steel	9473	3790	..	4598	..	13	..	17701	..	35576	13
Chemical and petrochemical	487	..	..	8157	..	36	..	5273	..	13952	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	..	..	..	474888	0	25038	..	369	..	500295	25038
Road	..	..	..	411842	0	24834	..	..	..	436676	24834
Rail	..	..	..	86	..	0	..	369	..	455	0
Domestic aviation	..	..	..	26527	..	..	..	..	..	26527	..
Domestic navigation	..	..	..	36432	..	204	..	..	..	36636	204
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	131164	..	245414	..	179760	..	556338	245414
Agriculture, forestry, fishing	..	..	..	10058	..	165	..	9114	..	19338	165
Commerce, public services	..	..	..	71651	..	15627	..	78373	..	165650	15627
Households	..	..	..	49455	..	229622	..	92273	..	371349	229622
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	7374	..	..	47481	..	..	..	..	..	54855	..

Philippines

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2017											
Primary production	263680	..	25799	..	137729	258095	..	42921	369724	1097948	670476
Imports	490025	8291	447940	530723	..	10098	..	..	..	1487077	10098
Exports	-136398	..	-24775	-63446	..	..	..	..	..	-224618	..
International marine bunkers	..	..	..	-4089	..	..	..	..	..	-4089	..
International aviation bunkers	..	..	..	-70609	..	..	..	..	..	-70609	..
Stock changes	28548	..	10101	-7579	..	3971	..	..	..	35042	3971
Total energy supply	645856	8291	459065	385001	137729	272165	..	42921	369724	2320752	684546
Statistical difference	-1610	0	12995	-3363	0	0	..	134	0	8154	79894
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-514939	-4978	-439074	381716	-131524	46140	..	301766	-369724	-730616	-286348
Electricity plants	*-514939	..	..	*-41687	*-131524	*-14659	..	301766	-369724	*-770766	-347147
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-4978	..	..	..	..	..	..	..	-4978	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-439074	423403	..	..	..	..	..	-15671	..
Other transformation	..	..	..	..	..	60800	..	..	..	60800	60800
Energy industries own use	..	..	-6996	..	-3965	..	..	-34758	..	-45719	..
Losses	..	..	..	..	..	..	..	-29742	..	-29742	..
Final consumption	132527	3313	..	770080	2241	318305	..	280054	..	1506520	318305
Final energy consumption	126044	3313	..	708857	2241	318305	..	280054	..	1438813	318305
Manufacturing, const., mining	126044	3313	..	64416	2241	43964	..	92064	..	332041	43964
Iron and steel	8938	3313	..	5075	..	22	..	18769	..	36116	22
Chemical and petrochemical	596	..	..	9611	..	36	..	5591	..	15834	36
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	97770	..	..	9726	..	45	..	7011	..	114552	45
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	7443	..	76	..	23018	..	30537	76
Mining and quarrying	..	..	..	11225	..	153	..	2866	..	14244	153
Food and tobacco	13174	..	..	9332	..	43090	..	16830	..	82426	43090
Paper, pulp and printing	4190	..	..	185	..	1	..	5156	..	9531	1
Wood and wood products	..	..	..	592	..	4	..	2179	..	2776	4
Textile and leather	364	..	..	502	..	1	..	7135	..	8002	1
Construction	..	..	..	10107	..	164	..	865	..	11136	164
Industries n.e.s	1011	0	..	620	2241	372	..	2644	..	6888	372
Transport	..	..	..	489373	0	27082	..	402	..	516857	27082
Road	..	..	..	426253	0	26843	..	..	..	453096	26843
Rail	..	..	..	95	..	2	..	402	..	498	2
Domestic aviation	..	..	..	22852	..	..	..	..	..	22852	..
Domestic navigation	..	..	..	40173	..	238	..	..	..	40411	238
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	155068	..	247259	..	187588	..	589915	247259
Agriculture, forestry, fishing	..	..	..	12777	..	211	..	9208	..	22196	211
Commerce, public services	..	..	..	91245	..	16124	..	81965	..	189333	16124
Households	..	..	..	51047	..	230924	..	96415	..	378386	230924
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	6483	..	..	61223	..	..	..	..	..	67707	..

Poland

Terajoules

	Primary 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	..	42985	..	148745	352113	..	53467	3614	2791433	382162
Imports	206650	4297	1046337	325117	510167	*34802	..	50461	..	2177833	*34802
Exports	-220379	-206097	-9520	-298290	-29965	-45119	..	-43265	..	-852635	-45119
International marine bunkers	..	..	..	-7688	..	..	..	..	..	-7688	..
International aviation bunkers	..	..	..	-29327	..	..	..	..	..	-29327	..
Stock changes	114296	1260	18105	-6264	-16276	-321	..	..	..	110801	-321
Total energy supply	2291076	-200540	1097907	-16451	612671	341475	..	60664	3614	4190417	371524
Statistical difference	1980	-8176	-4448	-6934	-2232	0	..	0	0	-19810	53467
Transfers	..	..	44409	-42687	..	..	..	..	..	1722	..
Transformation	-1857635	279054	-1146765	1139023	-95664	*-86068	..	544684	291771	-931599	*-83441
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	..	..	-1167969	1158587	..	..	..	..	..	-9381	..
Other transformation	..	1	..	-415	-25072	..	..	..	..	-25486	..
Energy industries own use	-3913	-45145	..	-45859	-43606	-53	..	-92945	-27111	-258632	*-48
Losses	..	..	..	..	-1110	..	..	-34182	-27800	-63092	..
Final consumption	427548	41545	..	1040959	474524	*255354	..	478220	240474	2958625	*234568
Final energy consumption	423836	41545	..	891545	386252	*255354	..	478220	240474	2717227	*234568
Manufacturing, const., mining	109289	35798	..	27399	142806	*91488	..	184356	28669	619804	*68223
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	20579	4917	..	2767	43984	28071	..	18590	1071	119979	5686
Transport equipment	458	..	..	972	4186	*15	..	9763	1885	17279	*15
Machinery	1422	117	..	1360	8978	*108	..	16492	2504	30980	*105
Mining and quarrying	386	28	..	2844	1381	*12	..	9734	2848	17232	*12
Food and tobacco	23860	644	..	3366	27590	*1790	..	23461	2651	83362	*1790
Paper, pulp and printing	10195	..	..	1901	7991	*30716	..	15358	2957	69117	*30526
Wood and wood products	1591	..	..	612	1553	*13584	..	8716	3330	29385	*13584
Textile and leather	402	0	..	219	1700	*5	..	2192	640	5159	*5
Construction	645	35	..	1547	1283	*10	..	3096	347	6963	*10
Industries n.e.s	2177	0	..	986	5409	*16379	..	17204	1159	43315	*16345
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	314547	5747	..	120494	227426	*144828	..	282031	211805	1306879	*147308
Agriculture, forestry, fishing	37004	931	..	77408	1305	*21815	..	5879	900	145242	*21815
Commerce, public services	25501	896	..	17845	80972	*11578	..	172080	45257	354129	*11410
Households	252042	3920	..	25241	145148	*111435	..	104072	165648	807507	*114083
Other consumers	..	..	..	0	..	..	..	..	..	0	..
Non-energy use	3712	..	..	149414	88272	..	..	..	..	241398	..

Poland

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2017											
Primary production	2085426	..	41952	..	147036	348374	..	63482	3885	2690155	383722
Imports	323198	6740	1049911	426118	545413	*31739	..	47776	..	2430895	*31739
Exports	-171481	-192068	-9258	-217091	-42509	-39129	..	-39542	..	-711078	-39129
International marine bunkers	..	..	..	-11214	..	..	..	..	..	-11214	..
International aviation bunkers	..	..	..	-36515	..	..	..	..	..	-36515	..
Stock changes	48397	2632	-11782	-13864	-3298	-117	..	..	..	21968	-117
Total energy supply	2285539	-182696	1070823	147435	646642	340867	..	71716	3885	4384211	376215
Statistical difference	-29941	83	-3716	-7871	2059	26	..	0	0	-39360	63508
Transfers	..	..	62147	-60423	..	..	..	..	..	1724	..
Transformation	-1883147	272355	-1136687	1126258	-108392	-72251	..	548489	298364	-955010	-68126
Electricity plants	-23018	..	..	-86	..	-12543	..	14594	-738	-21791	-12543
CHP plants	-1433981	-40512	..	-16543	-75274	*-56328	..	533898	196697	-892044	*-52603
Heat plants	-116110	-524	..	-1092	-8193	*-3380	..	-4	102405	-26897	*-2981
Coke ovens	-301159	348368	..	..	..	..	..	..	..	47209	..
Briquetting plants	-72	46	..	..	..	..	..	..	..	-26	..
Liquefaction plants	..	..	21024	..	..	..	..	..	..	21024	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-8806	-34184	..	..	..	..	..	..	..	-42990	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-1157711	1144637	..	..	..	..	..	-13074	..
Other transformation	..	-839	..	-658	-24925	..	..	..	..	-26422	..
Energy industries own use	-3491	-44776	..	-32559	-59841	-56	..	-95382	-27277	-263382	-50
Losses	..	..	..	..	-525	..	..	-35986	-28195	-64705	..
Final consumption	428842	44801	..	1188582	475826	*268534	..	488837	246777	3142198	*244531
Final energy consumption	426075	44801	..	1026930	384576	*268534	..	488837	246777	2886530	*244531
Manufacturing, const., mining	116633	38968	..	31456	154265	100990	..	196351	30221	668884	74059
Iron and steel	1684	28849	..	241	23715	*1	..	24509	3905	82904	*1
Chemical and petrochemical	51416	2176	..	13150	13020	1598	..	31442	5379	118182	*104
Non-ferrous metals	96	2608	..	704	7555	..	..	8424	1252	20639	..
Non-metallic minerals	22379	4311	..	3347	44574	30743	..	19739	1011	126103	5706
Transport equipment	385	..	..	659	4529	*4	..	10541	1953	18071	*4
Machinery	1323	61	..	1333	9764	*93	..	17294	2652	32521	*87
Mining and quarrying	409	165	..	3106	1601	71	..	9947	2789	18088	*5
Food and tobacco	24277	728	..	3419	29943	*1494	..	24332	2969	87162	*1494
Paper, pulp and printing	9239	..	..	1748	8709	*34176	..	16794	3296	73963	*33881
Wood and wood products	1853	..	..	607	1876	*16451	..	8640	2963	*32389	*16451
Textile and leather	378	..	..	219	1726	*7	..	2182	523	5036	*7
Construction	1052	70	..	1936	1443	*8	..	3251	351	8111	*8
Industries n.e.s	2141	0	..	986	5810	16344	..	19256	1178	45717	16311
Transport	..	..	..	859532	16014	25164	..	11977	..	912687	25164
Road	..	..	..	854514	466	25164	..	97	..	880242	25164
Rail	..	..	..	3612	..	..	..	11034	..	14646	..
Domestic aviation	..	..	..	1147	..	..	..	..	..	1147	..
Domestic navigation	..	..	..	215	..	..	..	..	..	215	..
Pipeline transport	..	..	..	43	15548	..	..	846	..	16437	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	309443	5833	..	135942	214297	*142379	..	280508	216556	1304959	*145308
Agriculture, forestry, fishing	36442	933	..	91733	1519	*21646	..	6188	900	159361	*21646
Commerce, public services	25008	700	..	18451	60806	*11008	..	169268	48911	334152	*11192
Households	247994	4200	..	25714	151972	*109725	..	105052	166745	811401	*112470
Other consumers	..	..	..	44	..	..	..	..	..	44	..
Non-energy use	2767	..	..	161652	91249	..	..	..	..	255668	..

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	..	104641	9764	253713	246412
Imports	121523	396	594534	150917	178405	6751	..	16618	..	1069144	5344
Exports	..	..	..	-285091	..	-14053	..	-34924	..	-334068	-14053
International marine bunkers	..	..	..	-32206	..	..	..	..	..	-32206	..
International aviation bunkers	..	..	..	-49348	..	..	..	..	..	-49348	..
Stock changes	-2722	-30	7396	-1393	2586	228	..	..	..	6065	228
Total energy supply	118801	365	601930	-217120	180991	132233	..	86335	9764	913299	237930
Statistical difference	49	0	-5376	-3634	-1175	721	..	-14	0	-9430	105981
Transfers	..	..	36040	-35884	..	..	..	..	..	156	..
Transformation	-118603	..	-643346	626724	-109825	-38372	..	108270	12654	-162499	-39025
Electricity plants	-118603	..	..	-7726	-51344	-23474	..	83066	-6192	-124273	-24707
CHP plants	..	..	..	-3345	-48230	-14517	..	25204	18846	-22043	-13937
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	2304	..	..	..	..	..	..	2304	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-645909	638332	..	..	..	..	..	-7577	..
Other transformation	..	..	259	-537	-10251	-382	..	..	..	-10911	-382
Energy industries own use	..	..	..	-34651	-3654	..	..	-9954	-9999	-58258	..
Losses	..	..	..	..	-210	..	..	-17644	..	-17853	..
Final consumption	148	365	..	342703	68477	*93140	..	167022	12419	684275	*92924
Final energy consumption	148	365	..	293378	68477	*93140	..	167022	12419	634950	*92924
Manufacturing, const., mining	148	365	..	25685	46900	*57813	..	56322	7855	195089	*54025
Iron and steel	148	122	..	133	1673	..	..	5386	..	7462	..
Chemical and petrochemical	..	..	..	625	6175	4	..	8316	923	16043	..
Non-ferrous metals	..	..	..	95	678	..	..	396	..	1168	..
Non-metallic minerals	..	243	..	11955	18357	3797	..	6552	341	41246	37
Transport equipment	..	..	..	267	698	..	..	1606	..	2570	..
Machinery	..	..	..	796	1360	..	..	3877	29	6062	..
Mining and quarrying	..	..	..	1214	105	74	..	1570	19	2981	74
Food and tobacco	..	..	..	3240	6346	95	..	6934	1267	17881	95
Paper, pulp and printing	..	..	..	2812	4572	310	..	10847	3360	21901	310
Wood and wood products	..	..	..	219	329	..	..	2520	50	3119	..
Textile and leather	..	..	..	480	5623	30	..	4478	1440	12051	30
Construction	..	..	..	3713	635	147	..	2012	..	6508	147
Industries n.e.s	0	0	..	138	348	*53357	..	1829	426	56098	*53333
Transport	..	..	..	227400	581	10990	..	1552	..	240521	10990
Road	..	..	..	216938	581	10916	..	4	..	228438	10916
Rail	..	..	..	387	..	..	..	1526	..	1913	..
Domestic aviation	..	..	..	5998	..	..	..	..	..	5998	..
Domestic navigation	..	..	..	4077	..	74	..	..	..	4151	74
Pipeline transport	..	..	..	..	..	..	..	22	..	22	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	40293	20997	*24338	..	109148	4564	199340	*27910
Agriculture, forestry, fishing	..	..	..	14692	208	170	..	3200	..	18271	170
Commerce, public services	..	..	..	6185	10580	1216	..	59245	2419	79646	2679
Households	..	..	..	18451	10209	*22914	..	46703	2145	100422	*25023
Other consumers	..	..	..	965	..	37	..	..	..	1002	37
Non-energy use	..	..	..	49325	..	..	..	..	..	49325	..

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
2017											
Primary production	..	..	..	..	..	139904	..	68890	11560	220354	213328
Imports	142320	370	613852	157391	227679	4233	..	19822	..	1165667	2347
Exports	..	..	..	-295590	..	-11852	..	-29484	..	-336926	-11852
International marine bunkers	..	..	..	-32819	..	..	..	..	..	-32819	..
International aviation bunkers	..	..	..	-54993	..	..	..	..	..	-54993	..
Stock changes	-7574	31	-3249	2278	-948	-488	..	..	..	-9950	-488
Total energy supply	134746	401	610602	-223732	226732	131797	..	59227	11560	951332	203334
Statistical difference	-847	62	-6001	-3416	-1220	787	..	-4	-1	-10639	70458
Transfers	..	..	50140	-50018	..	..	..	..	..	122	..
Transformation	-135518	..	-666744	652055	-150389	-39435	..	138827	11289	-189915	-41558
Electricity plants	-135518	..	..	-7282	-90948	-23197	..	113087	-7812	-151670	-25858
CHP plants	..	..	..	-3274	-49077	-15857	..	25740	19101	-23367	-15318
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	2556	..	..	..	..	..	..	2556	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-670558	663225	..	..	..	..	..	-7333	..
Other transformation	..	..	1258	-614	-10364	-382	..	..	..	-10102	-382
Energy industries own use	..	..	..	-32038	-4412	..	..	-11783	-10496	-58729	..
Losses	..	..	..	..	-264	..	..	-18364	..	-18627	..
Final consumption	75	339	..	349682	72887	*91575	..	167911	12354	694822	*91319
Final energy consumption	75	339	..	298552	72887	*91575	..	167911	12354	643692	*91319
Manufacturing, const., mining	75	339	..	26437	50834	*58884	..	58115	7509	202193	*54880
Iron and steel	75	123	..	86	1714	..	..	5598	..	7596	..
Chemical and petrochemical	..	..	..	302	7052	4	..	8550	749	16656	..
Non-ferrous metals	..	..	..	95	725	..	..	414	..	1233	..
Non-metallic minerals	..	216	..	13609	18673	4021	..	6912	361	43792	37
Transport equipment	..	..	..	267	779	..	..	1890	..	2936	..
Machinery	..	..	..	789	1377	..	..	3906	44	6116	..
Mining and quarrying	..	..	..	1388	77	74	..	1537	25	3101	74
Food and tobacco	..	..	..	3028	6590	102	..	7114	1125	17958	102
Paper, pulp and printing	..	..	..	2075	6613	272	..	11131	3354	23446	272
Wood and wood products	..	..	..	260	422	..	..	2527	..	3209	..
Textile and leather	..	..	..	437	5740	30	..	4568	1409	12184	30
Construction	..	..	..	3966	645	147	..	2106	..	6864	147
Industries n.e.s	0	0	..	138	427	*54236	..	1861	442	57103	*54220
Transport	..	..	..	231923	615	10070	..	1746	..	244353	10070
Road	..	..	..	220431	615	10033	..	7	..	231087	10033
Rail	..	..	..	430	..	..	..	1717	..	2147	..
Domestic aviation	..	..	..	7233	..	..	..	..	..	7233	..
Domestic navigation	..	..	..	3497	..	37	..	..	..	3534	37
Pipeline transport	..	..	..	331	..	..	..	22	..	353	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	40193	21438	*22620	..	108050	4845	197147	*26368
Agriculture, forestry, fishing	..	..	..	15153	244	134	..	3794	..	19325	134
Commerce, public services	..	..	..	5978	10697	1395	..	58932	2599	79600	2933
Households	..	..	..	18060	10498	*21092	..	45324	2246	97220	*23302
Other consumers	..	..	..	1002	..	..	..	..	..	1002	..
Non-energy use	..	..	..	51130	..	..	..	..	..	51130	..

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	3224263	..	6293870	47	..	..	..	9518179	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	1045902	-1041421	1757591	353	..	..	..	1762425	353
Statistical difference	0	-45710	0	0	..	-4	..	-45714	0
Transfers	-186480	224930	..	..	..	..	..	38450	..
Transformation	-859422	1078822	-892666	*-20	..	152305	..	-520980	*-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	-481294	514607	..	..	..	..	..	33313	..
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	..

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
2017											
Primary production	3115651	..	6271271	47	..	..	..	9386969	47
Imports	4945	..	304	..	..	..	5249	304
Exports	-1975233	-944880	-4568237	-1	..	..	..	-7488351	-1
International marine bunkers
International aviation bunkers	-121143	..	..	..	..	..	-121143	..
Stock changes	15125	..	..	..	..	..	15125	..
Total energy supply	1140418	-1045952	1703034	349	..	..	..	1797849	349
Statistical difference	-42	19054	0	0	..	-4	..	19008	0
Transfers	-155484	187500	..	..	..	..	..	32016	..
Transformation	-984976	1174714	-833362	*-20	..	163998	..	-479647	*-20
Electricity plants	-394979	..	..	163998	..	-230981	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants	155484	..	-438383	..	..	..	..	-282899	..
Gas works
Blast furnaces
NGL plants & gas blending	-470376	502503	..	..	..	..	..	32126	..
Oil refineries	-670084	672211	..	..	..	..	..	2127	..
Other transformation	*-20	..	..	..	*-20	*-20
Energy industries own use	-6655	-542766	..	..	-10192	..	-559612	..
Losses	-9702	..	-9702	..
Final consumption	290552	326906	*330	..	144108	..	761896	*330
Final energy consumption	209729	212509	*330	..	144108	..	566675	*330
Manufacturing, const., mining	18170	212509	..	..	40543	..	271223	..
Iron and steel	22364	..	..	..	..	22364	..
Chemical and petrochemical	161411	..	..	..	..	161411	..
Non-ferrous metals
Non-metallic minerals	28733	..	..	..	..	28733	..
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	18170	0	..	..	40543	..	58714	..
Transport	185078	..	..	..	..	..	185078	..
Road	185078	..	..	..	..	..	185078	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	6480	..	*330	..	103565	..	110374	*330
Agriculture, forestry, fishing
Commerce, public services	26482	..	26482	..
Households	6480	..	*330	..	64012	..	70821	*330
Other consumers	13072	..	13072	..
Non-energy use	80823	114397	..	..	..	..	195220	..

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	44	0	300	..	11	0	355	458
Transfers	..	..	430	-379	..	..	..	..	..	51	..
Transformation	-96	..	-684	86	-13932	-849	..	15070	10606	10201	-821
Electricity plants	..	..	..	-40	0	-2	..	4	..	-39	-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	..	..	-684	651	..	..	..	..	..	-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	..

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
2017											
Primary production	..	..	212	..	4	36307	..	205	..	36727	36196
Imports	4844	..	0	40595	31505	85	..	4082	..	81112	85
Exports	..	..	..	-1468	..	-1	..	..	..	-1469	-1
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-2073	..	..	..	..	..	-2073	..
Stock changes	-581	..	-42	362	47	28	..	..	..	-187	32
Total energy supply	4263	..	169	37417	31556	36419	..	4288	..	114111	36312
Statistical difference	48	..	0	0	0	429	..	0	0	478	634
Transfers	..	..	473	-469	..	..	..	..	..	4	..
Transformation	-48	..	-642	164	-13535	-766	..	*11221	10251	6644	-718
Electricity plants	..	..	..	0	..	-84	..	22	..	-62	-84
CHP plants	..	..	..	-404	-10360	-198	..	*11200	6893	7131	-198
Heat plants	-48	..	..	-40	-3175	-393	..	..	3358	-299	-386
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-642	608	..	..	..	..	..	-34	..
Other transformation	..	..	..	..	..	-91	..	..	..	-91	-50
Energy industries own use	..	..	..	..	-5	..	..	*-630	-69	*-704	..
Losses	..	..	0	-90	-1852	-1	..	-1544	-1659	-5147	-1
Final consumption	4166	..	..	37022	16163	35223	..	13334	8523	114431	34959
Final energy consumption	4166	..	..	35527	16163	35223	..	13334	8523	112936	34959
Manufacturing, const., mining	1235	..	..	700	2235	39	..	2750	1958	8917	39
Iron and steel	..	..	..	..	0	..	..	7	..	7	..
Chemical and petrochemical	..	..	..	0	26	3	..	158	55	243	3
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	1187	..	..	488	1186	..	..	479	0	3339	..
Transport equipment	..	..	..	..	2	1	..	11	..	14	1
Machinery	..	..	..	..	9	..	..	169	4	182	..
Mining and quarrying	..	..	..	43	..	..	..	54	..	97	..
Food and tobacco	48	..	..	40	919	34	..	1436	1796	4274	34
Paper, pulp and printing	..	..	..	..	10	..	..	36	23	69	..
Wood and wood products	..	..	..	..	0	0	..	94	0	94	0
Textile and leather	..	..	..	..	14	1	..	187	74	276	1
Construction	..	..	..	129	22	..	..	32	1	184	..
Industries n.e.s	0	..	..	0	48	0	..	86	5	139	0
Transport	..	..	..	27870	947	..	..	295	..	29112	..
Road	..	..	..	27354	664	..	..	155	..	28173	..
Rail	..	..	..	430	..	..	..	..	..	430	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	43	..	..	..	..	..	43	..
Pipeline transport	..	..	..	..	283	..	..	140	..	423	..
Transport, n.e.s	..	..	..	43	..	..	..	..	..	43	..
Other	2931	..	..	6957	12982	35184	..	10289	6565	74907	34920
Agriculture, forestry, fishing	48	..	..	4171	79	60	..	176	1	4536	60
Commerce, public services	727	..	..	90	3474	568	..	4223	1742	10824	552
Households	2156	..	..	2696	9428	34556	..	5890	4822	59547	34308
Other consumers	0	..	..	0	..	..	..	..	..	0	..
Non-energy use	..	..	..	1494	0	..	..	..	..	1494	..

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	-220351	-40	-4585	..	-33098	..	-261058	-4585
International marine bunkers	..	..	..	-1333	..	..	..	..	..	-1333	..
International aviation bunkers	..	..	..	-10937	..	..	..	..	..	-10937	..
Stock changes	-184	554	7279	-5097	2696	-623	..	..	..	4625	-667
Total energy supply	199222	21852	486040	-115878	377806	165922	121889	77116	1605	1335573	259400
Statistical difference	-3117	-527	-3859	4847	3245	542	0	1123	-2266	-13	95975
Transfers	..	..	21414	-21414	..	..	..	..	..	0	..
Transformation	-190673	-12894	-511048	513129	-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	..	..	-514252	526873	..	..	..	..	..	12621	..
Other transformation	..	..	..	-188	-4891	*-58	..	..	..	-5137	*-58
Energy industries own use	-949	-651	..	-33075	-24134	-438	..	-31982	-10753	-101983	-438
Losses	0	-913	0	-43	-3790	0	..	-25650	-14537	-44933	0
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	0	..	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	..

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
2017											
Primary production	187073	..	154561	..	356806	161359	124297	85518	1654	1071267	244582
Imports	21849	20068	333814	136562	39886	12243	..	17431	..	581853	12243
Exports	-15	..	-3436	-214105	-869	-3139	..	-27846	..	-249410	-3139
International marine bunkers	..	..	..	-1204	..	..	..	..	..	-1204	..
International aviation bunkers	..	..	..	-12877	..	..	..	..	..	-12877	..
Stock changes	-1562	-897	7922	-837	6947	-446	..	..	..	11127	-369
Total energy supply	207345	19171	492861	-92462	402771	170016	124297	75103	1654	1400756	253316
Statistical difference	1356	53	1057	11216	7329	-169	0	504	-1585	19761	85612
Transfers	..	..	31777	-31777	..	..	..	..	..	0	..
Transformation	-194761	-10554	-523273	525336	-127118	-8139	-124297	144655	74065	-244086	-8390
Electricity plants	-151898	-832	..	-81	-41712	-1225	-124297	110671	..	-209374	-1225
CHP plants	-42702	-192	..	-8309	-67802	-5716	..	33984	57493	-33244	-5716
Heat plants	-162	-215	..	-3687	-13537	-1167	..	..	16572	-2196	-1419
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	2664	..	..	..	..	..	..	2664	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-9315	..	..	..	..	..	..	..	-9315	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-525937	537413	..	..	..	..	..	11476	..
Other transformation	..	..	..	0	-4066	*-31	..	..	..	-4097	*-31
Energy industries own use	-770	-583	..	-37365	-19625	-513	..	-33152	-11533	-103542	-513
Losses	0	-1296	-42	-182	-3232	0	..	-25178	-11732	-41663	0
Final consumption	10457	6686	265	352334	245467	161533	..	160924	54039	991705	158801
Final energy consumption	10457	6633	265	319449	231123	161533	..	160924	54039	944423	158801
Manufacturing, const., mining	8394	6633	265	38817	91318	15908	..	78210	11414	250959	12216
Iron and steel	5971	6290	..	206	20371	44	..	9148	46	42074	0
Chemical and petrochemical	1076	290	265	10689	24568	814	..	11149	6914	55765	205
Non-ferrous metals	..	..	..	..	..	..	..	12089	..	12089	..
Non-metallic minerals	1232	0	..	13436	11289	4717	..	9529	294	40496	2016
Transport equipment	..	..	..	..	3977	..	..	5152	486	9615	..
Machinery	..	..	..	669	6201	159	..	8842	583	16454	178
Mining and quarrying	..	..	..	645	31	94	..	950	3	1723	94
Food and tobacco	108	53	..	1934	12356	1712	..	6793	1047	24003	1439
Paper, pulp and printing	..	..	..	0	4057	236	..	2696	132	7122	153
Wood and wood products	..	..	..	608	1051	6906	..	3791	1462	13818	6907
Textile and leather	..	..	..	86	4071	31	..	2452	157	6796	32
Construction	8	..	..	10325	2644	167	..	1451	82	14677	165
Industries n.e.s	0	0	0	221	702	1028	..	4169	208	6327	1028
Transport	..	..	..	244183	9	12459	..	3920	..	260571	12459
Road	..	..	..	235664	..	12454	..	137	..	248254	12454
Rail	..	..	..	4902	..	..	..	3708	..	8610	..
Domestic aviation	..	..	..	1897	..	..	..	..	..	1897	..
Domestic navigation	..	..	..	1720	..	..	..	..	..	1720	..
Pipeline transport	..	..	..	..	9	..	..	76	..	85	..
Transport, n.e.s	..	..	..	..	..	5	..	..	..	5	5
Other	2063	..	..	36450	139796	133167	..	78793	42625	432894	134127
Agriculture, forestry, fishing	492	..	..	12562	4425	254	..	2671	417	20821	268
Commerce, public services	0	..	..	3774	33998	195	..	30773	8360	77100	994
Households	1571	..	..	11600	101372	127719	..	45349	33848	321459	127866
Other consumers	..	..	..	8514	..	4999	..	..	..	13513	4999
Non-energy use	..	53	..	32885	14344	..	..	..	..	47282	..

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	*8763233	..	23218584	..	22047455	340581	2138068	666799	16470	57191190	805180
Imports	584084	2118	38740	51964	307392	236	..	11498	..	996032	236
Exports	-4410956	-65642	-10900824	*-5937461	-6838390	-1269	..	-63698	..	-28218241	-1269
International marine bunkers	..	..	..	-185804	..	..	..	..	..	-185804	..
International aviation bunkers	..	..	..	*-214215	..	..	..	..	..	*-214215	..
Stock changes	-33948	-1693	-17289	-29788	28833	561	..	..	..	-53323	1238
Total energy supply	*4902412	-65216	12339211	*-6315304	15545291	340110	2138068	614599	16470	29515640	805386
Statistical difference	30213	0	1920	4273	0	0	0	0	0	36406	668612
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-4620079	434594	-12036708	11565146	-8440831	-186492	-2138068	3240306	5357590	-6824542	-42238
Electricity plants	..	..	..	-39087	-190095	..	-2123431	755582	-16056	-1613087	-14450
CHP plants	-2366655	-121325	-508	-96899	-6344095	-91873	-14637	2497820	2946551	-3591620	-1102
Heat plants	-456466	-15965	-34940	-151593	-1813937	-91063	..	*-13097	2427095	-149966	-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	4750253	6313172	147604	..	2667766	4407609	18817138	94536
Final energy consumption	194182	325089	1692	3669741	4883038	147604	..	2667766	4407609	16296720	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	..	1195682	2610469	6731168	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	..	*567241	1800823	4796808	46258
Other consumers	..	..	423	..	..	*1033	..	..	..	*1456	*1033
Non-energy use	9773	..	..	1080511	1430133	..	..	..	..	2520418	..

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
2017											
Primary production	9304591	..	23173173	..	23792021	322879	2208537	668560	15660	59485421	791833
Imports	717967	3047	33353	51166	302162	236	..	23076	..	1131007	236
Exports	-4863638	-84743	-10786084	-5309960	-7321225	-1210	..	-61225	..	-28428085	-1210
International marine bunkers	..	..	..	-171219	..	..	..	..	..	-171219	..
International aviation bunkers	..	..	..	*-151734	..	..	..	..	..	*-151734	..
Stock changes	-227323	1799	68466	-19105	-514173	6448	..	..	..	-683887	6096
Total energy supply	4931598	-79898	12488908	-5600852	16258786	328354	2208537	630410	15660	31181503	796955
Statistical difference	65979	10	2401	-2148	1	35	0	158	0	66437	670161
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-4666660	433318	-12225643	11442284	-8459190	-180175	-2208537	3249886	5309532	-7305185	-40619
Electricity plants	..	..	..	-47472	-212436	..	-2193944	787702	-15660	-1681811	-14094
CHP plants	-2359184	-128172	-2073	-56087	-6226705	-91964	-14593	2475551	2863590	-3539638	-1261
Heat plants	-459767	-16393	-20685	-135202	-1901424	-84583	..	*-13367	2461602	-169817	-21636
Coke ovens	-1680789	1074334	..	..	..	..	..	..	..	-606456	..
Briquetting plants	-518	254	..	..	..	..	..	..	..	-264	..
Liquefaction plants	..	..	88128	..	..	..	..	..	..	88128	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-166401	-496705	..	..	..	..	..	..	..	-663106	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-12291013	11681045	..	..	..	..	..	-609968	..
Other transformation	..	..	..	..	-118625	-3628	..	..	..	-122253	-3628
Energy industries own use	-29118	-44237	-11548	-547622	-596317	-6237	..	-762016	-487478	-2484572	..
Losses	..	..	-248386	..	-244863	..	..	-378940	-393764	-1265952	..
Final consumption	169841	309173	931	5295958	6958416	141906	..	2739182	4443950	20059358	86175
Final energy consumption	164282	309173	931	3800394	5278239	141906	..	2739182	4443950	16878058	86175
Manufacturing, const., mining	49155	309008	423	668884	1591109	50986	..	1219626	1721578	5610769	2638
Iron and steel	..	300481	..	13655	513818	20465	..	220046	260168	1328634	12
Chemical and petrochemical	6250	1915	423	403546	284356	4320	..	169632	498772	1369213	381
Non-ferrous metals	..	..	..	..	..	..	..	331834	..	331834	..
Non-metallic minerals	35848	3082	0	5741	393877	1202	..	65664	95835	601249	18
Transport equipment	891	522	..	9033	23221	43	..	49259	84816	167785	25
Machinery	52	831	..	6120	54349	5	..	71428	291736	424521	2
Mining and quarrying	627	1886	..	60181	62971	1308	..	100433	31477	258882	458
Food and tobacco	4780	0	169	29207	54336	3038	..	63068	178580	333178	154
Paper, pulp and printing	0	..	..	3711	19110	2678	..	57388	166268	249154	300
Wood and wood products	0	..	..	6669	9593	17652	..	16495	46763	97173	1180
Textile and leather	0	0	..	645	2646	59	..	6872	40277	50499	6
Construction	604	261	0	27185	170396	121	..	45752	22076	266396	62
Industries n.e.s	104	29	-169	103192	2436	95	..	21755	4810	132252	40
Transport	..	..	..	2429977	1266961	..	..	279310	..	3976248	..
Road	..	..	..	2119602	9923	..	..	..	..	2129524	..
Rail	..	..	..	83039	..	..	..	182930	..	265969	..
Domestic aviation	..	..	..	*145576	..	..	..	..	..	*145576	..
Domestic navigation	..	..	..	18174	..	..	..	..	..	18174	..
Pipeline transport	..	..	..	7729	1256406	..	..	77288	..	1341424	..
Transport, n.e.s	..	..	..	55858	632	..	..	19091	..	75581	..
Other	115127	166	508	701533	2420169	90920	..	1240247	2722372	7291042	83537
Agriculture, forestry, fishing	2323	..	465	148760	55613	4370	..	65416	113295	390241	2112
Commerce, public services	43577	..	..	105181	103664	48057	..	575528	773853	1649861	42932
Households	69226	166	..	447592	2260893	37340	..	599303	1835224	5249744	37340
Other consumers	..	..	42	..	..	1153	..	..	..	1196	1153
Non-energy use	5559	..	..	1495564	1680177	..	..	..	..	3181299	..

Rwanda

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	*-33679	*18113	1238	*-17382	*-15566
Electricity plants	..	*-2064	*-990	*-36	..	1238	*-1853	*-36
Charcoal plants	*-33642	*18113	..	*-15529	*-15529
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-7	-7	..
Losses	-521	-521	..
Final consumption	..	*10542	..	*49923	*18113	*2016	*80593	*68036
Final energy consumption	..	*10160	..	*49923	*18113	*2016	*80212	*68036
Manufacturing, const., mining	..	*516	..	*5634	..	*540	*6690	*5634
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	..
2017								
Primary production	*678	*84309	..	1238	*86224	*85546
Imports	..	14124	..	..	..	310	14434	..
Exports	-15	-15	..
International marine bunkers
International aviation bunkers	..	*-1230	..	..	..	..	*-1230	..
Stock changes
Total energy supply	..	12894	*678	*84309	..	1533	*99413	*85546
Statistical Difference	..	0	0	0	0	33	*33	*1238
Transfers
Transformation	..	*-2967	*-678	*-34128	*18349	1273	*-18150	*-15779
Electricity plants	..	*-2967	*-678	*-36	..	1273	*-2408	*-36
Charcoal plants	*-34092	*18349	..	*-15743	*-15743
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-90	-90	..
Losses	-537	-537	..
Final consumption	..	*9927	..	*50181	*18349	2145	*80602	*68530
Final energy consumption	..	*9565	..	*50181	*18349	2145	*80240	*68530
Manufacturing, const., mining	..	*391	..	*5693	..	538	*6622	*5693
Transport	..	*7410	..	..	..	..	*7410	..
Road	..	*6352	..	..	..	..	*6352	..
Domestic aviation	..	*1058	..	..	..	..	*1058	..
Domestic navigation
Other transport
Other	..	*1764	..	*44487	*18349	1607	*66208	*62836
Agriculture, forestry, fishing
Commerce and public services	400	400	..
Households	..	*692	..	*44487	*18349	1207	*64736	*62836
Other consumers	..	*1072	..	..	..	..	*1072	..
Non-energy use	..	*361	..	..	..	..	*361	..

Samoa

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	..
2017								
Primary production	917	..	*180	1097	1097
Imports	..	*4348	..	0	0	..	*4348	1
Exports
International marine bunkers
International aviation bunkers	..	*-569	..	..	..	..	*-569	..
Stock changes
Total energy supply	..	*3778	..	918	0	*180	*4876	1098
Statistical Difference	..	*78	..	0	0	0	*78	180
Transfers
Transformation	..	*-946	..	*-30	16	*353	*-607	*-14
Electricity plants	..	*-946	..	..	..	*353	*-593	..
Charcoal plants	*-30	16	..	*-14	*-14
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-11	*-11	..
Losses	*-43	*-43	..
Final consumption	..	*2754	..	*888	*16	*479	*4137	*904
Final energy consumption	..	*2589	..	*888	*16	*479	*3972	*904
Manufacturing, const., mining	*22	*22	..
Transport	..	*2009	..	..	..	..	*2009	..
Road	..	*1708	..	..	..	..	*1708	..
Domestic aviation
Domestic navigation	..	*301	..	..	..	..	*301	..
Other transport
Other	..	*581	..	*888	*16	*457	*1942	*904
Agriculture, forestry, fishing	..	*52	..	*6	..	..	*58	*6
Commerce and public services	..	*370	..	..	..	*295	*665	..
Households	..	*158	..	*883	*16	*137	*1194	*899
Other consumers	*25	*25	..
Non-energy use	..	*165	..	..	..	..	*165	..

Sao Tome and Principe

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	..
2017								
Primary production	1033	..	*25	1058	1058
Imports	..	*2269	..	..	..	..	*2269	..
Exports
International marine bunkers
International aviation bunkers	..	*-498	..	..	..	..	*-498	..
Stock changes
Total energy supply	..	*1771	..	1033	..	*25	*2829	1058
Statistical Difference	..	0	..	0	0	0	0	25
Transfers
Transformation	..	*-710	..	*-532	286	*300	*-655	*-246
Electricity plants	..	*-710	..	..	..	*300	*-409	..
Charcoal plants	*-532	286	..	*-246	*-246
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-22	*-22	..
Losses	*-43	*-43	..
Final consumption	..	*1061	..	*502	*286	*260	*2109	*788
Final energy consumption	..	*1057	..	*502	*286	*260	*2105	*788
Manufacturing, const., mining	..	*430	..	..	..	..	*430	..
Transport	..	*447	..	..	..	..	*447	..
Road	..	*399	..	..	..	..	*399	..
Domestic aviation	..	*49	..	..	..	..	*49	..
Domestic navigation
Other transport
Other	..	*180	..	*502	*286	*260	*1228	*788
Agriculture, forestry, fishing
Commerce and public services	*130	*130	..
Households	..	*180	..	*502	*286	*131	*1098	*788
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
2016											
Primary production	24238465	..	3893281	..	..	2	..	28131749	2
Imports	1192065	..	300	..	1233	..	1193598	300
Exports	-15785014	-4127431	..	..	..	-3824	..	-19916268	..
International marine bunkers	-139501	..	..	..	..	..	-139501	..
International aviation bunkers	-123612	..	..	..	..	..	-123612	..
Stock changes	-305425	*-205886	..	..	..	..	..	-511311	..
Total energy supply	8148027	-3404366	3893281	300	..	-2588	..	8634654	302
Statistical difference	-342216	-57025	0	0	..	47092	..	-352150	2
Transfers	652316	..	..	..	..	..	652316	..
Transformation	-8373919	6766682	-2090353	..	..	1242371	..	-2455219	..
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	-1816708	1930535	..	..	..	..	..	113827	..
Oil refineries	-5619673	5625807	..	..	..	..	..	6134	..
Other transformation
Energy industries own use	*-212	*-299857	-124206	..	..	-77288	..	*-501563	..
Losses	-94270	..	-94270	..
Final consumption	*116113	3771799	1678722	300	..	1021133	..	6588068	300
Final energy consumption	*116113	2871886	*1455206	300	..	1021133	..	5464638	300
Manufacturing, const., mining	*116113	875743	667085	..	..	144461	..	1803402	..
Iron and steel	15808	..	15808	..
Chemical and petrochemical	33552	..	33552	..
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	875743	667085	..	..	92362	..	1751302	..
Transport	1898882	..	..	..	..	..	1898882	..
Road	1864087	..	..	..	..	..	1864087	..
Rail
Domestic aviation	34795	..	..	..	..	..	34795	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	97261	*788121	300	..	876672	..	1762354	300
Agriculture, forestry, fishing
Commerce, public services	357930	..	357930	..
Households	97261	..	300	..	517176	..	614737	300
Other consumers	*788121	..	..	1566	..	*789687	..
Non-energy use	899914	223517	..	..	..	..	1123430	..

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
2017											
Primary production	23116665	..	4038674	..	..	15	..	27155354	15
Imports	181010	1046514	..	300	..	11	..	1227835	300
Exports	-14696209	-4514038	..	..	..	-136	..	-19210383	..
International marine bunkers	-134330	..	..	..	..	..	-134330	..
International aviation bunkers	-135387	..	..	..	..	..	-135387	..
Stock changes	159545	*-116681	..	..	..	..	..	42864	..
Total energy supply	8761011	-3853921	4038674	300	..	-110	..	8945953	315
Statistical difference	-21268	-111763	0	0	..	87301	..	-45730	15
Transfers	687193	..	..	..	..	..	687193	..
Transformation	-8685708	6995369	-2191601	..	..	1278270	..	-2603671	..
Electricity plants	*-1029065	-649303	-2191601	..	..	1278270	..	-2591699	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-1786078	1899035	..	..	..	..	..	112957	..
Oil refineries	-5870565	5745637	..	..	..	..	..	-124928	..
Other transformation
Energy industries own use	*-42	-349192	-130644	..	..	-83106	..	-562984	..
Losses	-116723	..	-116723	..
Final consumption	*96529	3591211	1716429	300	..	991030	..	6395498	300
Final energy consumption	*96529	2670506	*1500936	300	..	991030	..	5259301	300
Manufacturing, const., mining	*96529	*858552	728359	..	..	120600	..	*1804040	..
Iron and steel	13054	..	13054	..
Chemical and petrochemical	27709	..	27709	..
Non-ferrous metals
Non-metallic minerals	1422	..	1422	..
Transport equipment
Machinery
Mining and quarrying	842	..	842	..
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	*96529	*858552	728359	..	..	77573	..	*1761013	..
Transport	1736977	..	..	..	..	..	1736977	..
Road	1693715	..	..	..	..	..	1693715	..
Rail
Domestic aviation	43262	..	..	..	..	..	43262	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	74976	*772577	300	..	870430	..	1718283	300
Agriculture, forestry, fishing
Commerce, public services	354139	..	354139	..
Households	74976	..	300	..	514998	..	590274	300
Other consumers	*772577	..	..	1292	..	*773870	..
Non-energy use	920705	215492	..	..	..	..	1136197	..

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	64711	..	22	513	66036	64733
Imports	13321	..	49153	90462	..	..	..	1296	..	154231	..
Exports	-36928	..	..	..	..	..	-36928	..
International marine bunkers	-5883	..	..	..	..	..	-5883	..
International aviation bunkers	-9437	..	..	..	..	..	-9437	..
Stock changes	2876	3638	..	..	..	..	..	6515	..
Total energy supply	13321	..	52029	41852	790	64711	..	1318	513	174533	64733
Statistical difference	0	..	-42	4946	0	0	..	-4	0	4900	22
Transfers	-3	..	..	..	..	..	-3	..
Transformation	-52071	17035	-790	-18329	..	14728	-513	-39940	-18329
Electricity plants	-31049	-790	*-2621	..	14728	-513	-20246	*-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	..	46382	..	13442	..	125946	46382
Final energy consumption	13321	..	..	52800	..	46382	..	13442	..	125946	46382
Manufacturing, const., mining	13321	..	..	6229	..	*1360	..	3863	..	24773	*1360
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	..	*1360	..	72	..	7012	*1360
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

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
2017											
Primary production	662	65925	..	309	513	67409	66234
Imports	15887	..	50760	53910	..	..	..	1213	..	121770	..
Exports	-11348	..	..	..	..	..	-11348	..
International marine bunkers	-4980	..	..	..	..	..	-4980	..
International aviation bunkers	-9790	..	..	..	..	..	-9790	..
Stock changes	*5034	0	..	..	..	..	..	*5034	..
Total energy supply	15887	..	55794	27792	662	65925	..	1522	513	168095	66234
Statistical difference	0	..	0	-8037	0	0	..	360	0	-7677	309
Transfers	-3	..	..	..	..	..	-3	..
Transformation	-55794	21941	-662	-18825	..	15865	-513	-37988	-18825
Electricity plants	-29965	-662	*-2810	..	15865	-513	-18085	*-2810
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-55794	51906	..	..	..	..	..	-3888	..
Other transformation	-16015	..	..	..	-16015	-16015
Energy industries own use	-1238	..	..	..	-215	0	-1453	..
Losses	-2585	..	-2585	..
Final consumption	*15887	..	..	56529	..	47101	..	14227	..	133743	47101
Final energy consumption	*15887	..	..	56529	..	47101	..	14227	..	133743	47101
Manufacturing, const., mining	*15887	..	..	6636	..	*1171	..	4136	..	*27830	*1171
Iron and steel
Chemical and petrochemical	121	..	..	..	1253	..	1374	..
Non-ferrous metals
Non-metallic minerals	*15887	..	..	568	..	..	..	2084	..	*18539	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	709	..	709	..
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	14	..	14	..
Industries n.e.s	0	..	..	5946	..	*1171	..	76	..	*7193	*1171
Transport	42851	..	..	..	..	..	42851	..
Road	40725	..	..	..	..	..	40725	..
Rail
Domestic aviation
Domestic navigation	2126	..	..	..	..	..	2126	..
Pipeline transport
Transport, n.e.s
Other	7042	..	45930	..	10091	..	63063	45930
Agriculture, forestry, fishing	407	..	407	..
Commerce, public services	237	..	..	..	3632	..	3869	..
Households	6419	..	45930	..	4147	..	56496	45930
Other consumers	387	..	..	..	1904	..	2291	..
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
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	..	..	9073	-8860	..	..	..	..	..	213	..
Transformation	-300154	-4174	-145266	141956	-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	..	..	-148385	147549	..	..	..	..	..	-836	..
Other transformation	..	..	3119	-222	-4301	-709	..	..	..	-2113	-709
Energy industries own use	..	..	..	-9423	-6034	..	..	-15415	-2141	-33012	..
Losses	-34	-2214	..	0	-752	..	..	-17309	-3406	-23714	..
Final consumption	10565	13196	..	134723	42836	43459	..	99367	30764	374910	43673
Final energy consumption	10486	13196	..	109172	33098	43459	..	99367	30764	339543	43673
Manufacturing, const., mining	6109	8011	..	14153	18338	5515	..	28804	8359	89289	5515
Iron and steel	257	5929	..	0	2943	0	..	3154	561	12844	0
Chemical and petrochemical	1332	743	..	2641	5338	140	..	4327	3372	17893	140
Non-ferrous metals	0	..	..	364	688	30	..	1526	392	2999	30
Non-metallic minerals	3613	153	..	5201	2525	129	..	2581	41	14242	129
Transport equipment	0	..	..	344	889	15	..	878	22	2149	15
Machinery	230	..	..	1776	433	505	..	2254	43	5240	505
Mining and quarrying	0	..	..	732	13	3	..	1555	..	2303	3
Food and tobacco	196	283	..	1951	3821	1913	..	5573	1987	15724	1913
Paper, pulp and printing	47	584	..	169	930	111	..	1728	720	4288	111
Wood and wood products	0	..	..	43	40	636	..	454	3	1175	636
Textile and leather	167	0	..	290	347	745	..	1289	56	2893	745
Construction	16	0	..	520	..	0	..	1156	..	1692	0
Industries n.e.s	251	319	..	124	374	1289	..	2329	1162	5847	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	37944	..	69296	22405	165293	38158
Agriculture, forestry, fishing	0	..	..	5736	966	105	..	1127	132	8066	237
Commerce, public services	1765	124	..	3062	6554	1283	..	18018	5344	36150	1365
Households	2612	5062	..	2743	7024	36556	..	50152	16929	121078	36556
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	78	0	..	25552	9737	..	..	..	..	35367	..

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
2017											
Primary production	302127	..	39546	..	16305	46243	..	33173	213	437607	79586
Imports	7815	20918	105508	45829	72764	1516	..	23577	..	277926	1516
Exports	-565	-96	-160	-36049	..	-2615	..	-20607	..	-60091	-2615
International marine bunkers	..	..	..	-616	..	..	..	..	..	-616	..
International aviation bunkers	..	..	..	-5649	..	..	..	..	..	-5649	..
Stock changes	-344	-137	-166	-1848	-427	401	..	..	..	-2520	401
Total energy supply	309033	20686	144728	1667	88642	45544	..	36144	213	646656	78888
Statistical difference	5	10	-925	-19	0	2	..	0	0	-927	33175
Transfers	..	..	8329	-8142	..	..	..	..	..	187	..
Transformation	-299003	-4265	-153982	150813	-31203	-1718	..	98034	37089	-204235	-1675
Electricity plants	-142839	..	..	..	..	..	..	50371	..	-92468	..
CHP plants	-143988	-4966	..	-59	-6730	-522	..	47663	10803	-97800	-479
Heat plants	-2958	-126	..	-4966	-20365	-95	..	..	26286	-2225	-95
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	-7115	9035	..	..	..	..	..	..	..	1920	..
Liquefaction plants	..	..	0	..	..	..	..	..	..	0	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-2102	-8208	..	..	..	..	..	..	..	-10310	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-156731	156071	..	..	..	..	..	-660	..
Other transformation	..	..	2749	-233	-4108	-1100	..	..	..	-2692	-1100
Energy industries own use	..	..	..	-8466	-6767	..	..	-15629	-2166	-33028	..
Losses	-7	-2557	..	..	-1204	-1	..	-17302	-3472	-24542	-1
Final consumption	10018	13854	..	135891	49469	43823	..	101247	31664	385965	44036
Final energy consumption	9921	13854	..	110323	39491	43823	..	101247	31664	350322	44036
Manufacturing, const., mining	5197	8054	..	13018	22742	7773	..	30247	8965	95997	7773
Iron and steel	526	5781	..	12	3650	..	..	3312	602	13882	..
Chemical and petrochemical	1107	798	..	2528	6620	239	..	4542	3617	19451	239
Non-ferrous metals	..	..	..	294	853	110	..	1602	420	3280	110
Non-metallic minerals	2606	163	..	5270	3132	264	..	2708	44	14187	264
Transport equipment	1	1	..	277	1103	19	..	923	24	2348	19
Machinery	236	2	..	1408	537	961	..	2365	46	5555	961
Mining and quarrying	..	..	..	620	11	8	..	1634	..	2274	8
Food and tobacco	216	318	..	1471	4739	2484	..	5851	2131	17211	2484
Paper, pulp and printing	47	641	..	92	1153	227	..	1814	772	4747	227
Wood and wood products	..	0	..	34	50	780	..	476	4	1344	780
Textile and leather	165	0	..	224	430	973	..	1353	60	3205	973
Construction	16	..	..	687	..	..	..	1224	..	1927	..
Industries n.e.s	278	350	..	99	464	1706	..	2444	1246	6587	1706
Transport	..	..	..	86911	177	..	..	1349	..	88437	..
Road	..	..	..	86197	99	..	..	..	..	86295	..
Rail	..	..	..	430	..	..	..	1349	..	1779	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	284	..	..	..	..	..	284	..
Pipeline transport	..	..	..	..	78	..	..	..	..	78	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	4723	5800	..	10395	16572	36050	..	69650	22698	165888	36263
Agriculture, forestry, fishing	5	..	..	5619	752	255	..	1231	132	7994	387
Commerce, public services	1448	120	..	2781	7818	2155	..	18685	6034	39041	2236
Households	3271	5680	..	1994	8001	33641	..	49734	16532	118853	33641
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	98	0	..	25568	9978	..	..	..	..	35643	..

Seychelles

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	29	..	33	62	62
Imports	..	16865	..	..	0	..	16866	0
Exports	0	..	0	0
International marine bunkers	..	*-6862	..	..	..	..	*-6862	..
International aviation bunkers	..	*-1764	..	..	..	..	*-1764	..
Stock changes
Total energy supply	..	8239	..	29	0	33	8302	62
Statistical Difference	..	866	..	0	0	*-1	865	33
Transfers
Transformation	..	-4541	..	..	..	1751	-2790	..
Electricity plants	..	-4541	..	..	..	1751	-2790	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	*-43	*-43	..
Losses	*-114	*-114	..
Final consumption	..	*2832	..	*29	0	*1628	*4489	*29
Final energy consumption	..	*2791	..	*29	0	*1628	*4449	*29
Manufacturing, const., mining	..	*137	..	..	..	*814	*951	..
Transport	..	*1669	..	..	..	..	*1669	..
Road	..	*1413	..	..	..	..	*1413	..
Domestic aviation	..	*257	..	..	..	..	*257	..
Domestic navigation
Other transport
Other	..	*985	..	*29	0	*815	*1829	*29
Agriculture, forestry, fishing
Commerce and public services	..	*47	..	..	..	*412	*460	..
Households	..	*159	..	*29	0	402	591	*29
Other consumers	..	*778	..	..	..	..	*778	..
Non-energy use	..	*40	..	..	..	..	*40	..
2017								
Primary production	29	..	35	63	63
Imports	..	17610	..	..	0	..	17610	0
Exports	0	..	0	0
International marine bunkers	..	-7197	..	..	..	..	-7197	..
International aviation bunkers	..	*-2306	..	..	..	..	*-2306	..
Stock changes
Total energy supply	..	8107	..	29	0	35	8170	64
Statistical Difference	..	98	..	0	0	5	103	35
Transfers
Transformation	..	-4668	..	..	..	1812	-2857	..
Electricity plants	..	-4668	..	..	..	1812	-2857	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	*-43	*-43	..
Losses	*-107	*-107	..
Final consumption	..	*3340	..	*29	0	*1692	*5061	*29
Final energy consumption	..	*3300	..	*29	0	*1692	*5020	*29
Manufacturing, const., mining	..	*125	..	..	..	*830	*955	..
Transport	..	*2080	..	..	..	..	*2080	..
Road	..	*1745	..	..	..	..	*1745	..
Domestic aviation	..	*335	..	..	..	..	*335	..
Domestic navigation
Other transport
Other	..	*1094	..	*29	0	*862	*1985	*29
Agriculture, forestry, fishing
Commerce and public services	..	*68	..	..	..	*432	*500	..
Households	..	*209	..	*29	0	431	669	*29
Other consumers	..	*817	..	..	..	..	*817	..
Non-energy use	..	*40	..	..	..	..	*40	..

Sierra Leone

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	53603	..	*788	54391	54391
Imports	..	*13471	..	..	..	..	*13471	..
Exports
International marine bunkers
International aviation bunkers	..	*-194	..	..	..	..	*-194	..
Stock changes
Total energy supply	..	*13277	..	53603	..	*788	67668	54391
Statistical Difference	..	0	..	0	0	0	0	788
Transfers
Transformation	..	*-860	..	*-24289	13039	*301	*-11809	*-11250
Electricity plants	..	*-860	..	*-72	..	*301	*-631	*-72
Charcoal plants	*-24217	13039	..	*-11178	*-11178
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-9	*-9	..
Losses	*-324	*-324	..
Final consumption	..	*12417	..	*29314	*13039	*756	*55526	*42353
Final energy consumption	..	*12216	..	*29314	*13039	*756	*55325	*42353
Manufacturing, const., mining	..	*1349	..	*201	..	*281	*1831	*201
Transport	..	*6334	..	..	..	..	*6334	..
Road	..	*6334	..	..	..	..	*6334	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*4533	..	*29113	*13039	*475	*47160	*42152
Agriculture, forestry, fishing
Commerce and public services	*245	*245	..
Households	..	*491	..	*29113	..	*230	*29834	*29113
Other consumers	..	*4042	..	..	*13039	..	*17081	*13039
Non-energy use	..	*201	..	..	..	..	*201	..
2017								
Primary production	53996	..	*788	54784	54784
Imports	..	*13574	..	..	..	..	*13574	..
Exports
International marine bunkers
International aviation bunkers	..	*-199	..	..	..	..	*-199	..
Stock changes
Total energy supply	..	*13375	..	53996	..	*788	68159	54784
Statistical Difference	..	0	..	0	0	0	0	788
Transfers
Transformation	..	*-903	..	*-24846	13334	*302	*-12113	*-11512
Electricity plants	..	*-903	..	*-72	..	*302	*-673	*-72
Charcoal plants	*-24774	13334	..	*-11440	*-11440
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-10	*-10	..
Losses	*-324	*-324	..
Final consumption	..	*12472	..	*29150	*13334	*756	*55711	*42484
Final energy consumption	..	*12271	..	*29150	*13334	*756	*55510	*42484
Manufacturing, const., mining	..	*1414	..	*201	..	*281	*1896	*201
Transport	..	*6377	..	..	..	..	*6377	..
Road	..	*6377	..	..	..	..	*6377	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*4480	..	*28949	*13334	*475	*47238	*42283
Agriculture, forestry, fishing
Commerce and public services	*245	*245	..
Households	..	*438	..	*28949	..	*230	*29617	*28949
Other consumers	..	*4042	..	..	*13334	..	*17376	*13334
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
2016											
Primary production	..	..	..	..	..	27707	..	526	..	28233	14515
Imports	17861	0	2251442	4731827	364773	3471	..	..	..	7369375	3471
Exports	-26	..	-44159	-4107565	..	-368	..	..	..	-4152118	-368
International marine bunkers	..	..	..	-1969223	..	..	..	..	..	-1969223	..
International aviation bunkers	..	..	..	*-322151	..	..	..	..	..	*-322151	..
Stock changes	..	..	..	15314	1943	..	..	..	..	17257	..
Total energy supply	17836	0	2207283	-1651797	366717	30810	..	526	..	971373	17618
Statistical difference	250	0	305059	-341197	-166	0	..	1907	..	-34146	526
Transfers	..	..	279358	-267947	..	..	..	..	..	11411	..
Transformation	-10851	..	-2181582	2196694	-315174	-30454	..	185712	..	-155656	-16736
Electricity plants	-10851	..	..	-6922	-315174	-30338	..	185712	..	-177574	-16620
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-2181582	2203616	..	..	..	..	..	22034	..
Other transformation	..	..	..	..	..	*-117	..	..	..	*-117	*-117
Energy industries own use	..	..	..	-87520	-454	..	..	-526	..	-88499	..
Losses	..	..	..	..	..	..	..	-8750	..	-8750	..
Final consumption	6734	0	..	530626	51254	*356	..	175055	..	764025	*356
Final energy consumption	6734	0	..	230098	51254	*356	..	175055	..	463497	*356
Manufacturing, const., mining	6734	0	..	144832	44972	..	..	*73506	..	270043	..
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	44972	..	..	*65053	..	142647	..
Transport	..	..	..	80868	422	..	..	9502	..	90792	..
Road	..	..	..	79363	..	..	..	..	..	79363	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	1505	..	..	..	..	..	1505	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	422	..	..	9502	..	9924	..
Other	..	..	..	4399	5861	*356	..	92046	..	102662	*356
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..	..	..	..
Commerce, public services	..	..	..	3264	3470	..	..	63716	..	70450	..
Households	..	..	..	1135	2293	..	..	27322	..	30750	..
Other consumers	..	..	..	..	98	*356	..	1008	..	1462	*356
Non-energy use	..	..	..	300528	..	..	..	..	..	300528	..

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
2017											
Primary production	..	..	..	..	..	27009	..	608	..	27617	14246
Imports	37623	..	2469472	5016756	371982	3041	..	..	..	7898874	3041
Exports	-17	..	-53513	-4295770	..	-172	..	..	..	-4349472	-172
International marine bunkers	..	..	..	-2050949	..	..	..	..	..	-2050949	..
International aviation bunkers	..	..	..	*-332360	..	..	..	..	..	*-332360	..
Stock changes	*-17544	..	..	-6563	-3238	..	..	..	..	*-27346	..
Total energy supply	20062	..	2415959	-1668886	368744	29878	..	608	..	1166364	17115
Statistical difference	70	..	389448	-543141	-2894	0	..	833	..	-155684	608
Transfers	..	..	313371	-312409	..	..	..	..	..	962	..
Transformation	-12464	..	-2339882	2316092	-316978	-29697	..	188011	..	-194918	-16326
Electricity plants	-12464	..	..	-7401	-316978	-29593	..	188011	..	-178426	-16222
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-2339882	2323494	..	..	..	..	..	-16388	..
Other transformation	..	..	..	..	..	*-104	..	..	..	*-104	*-104
Energy industries own use	..	..	..	-93361	-455	..	..	-608	..	-94424	..
Losses	..	..	..	..	..	..	..	-8697	..	-8697	..
Final consumption	7528	..	..	784578	54204	*181	..	178481	..	1024972	*181
Final energy consumption	7528	..	..	256384	54204	*181	..	178481	..	496777	*181
Manufacturing, const., mining	7528	..	..	161863	48173	..	..	*77223	..	294786	..
Iron and steel	..	..	..	..	..	..	..	*5427	..	*5427	..
Chemical and petrochemical	..	..	..	128677	..	..	..	*3475	..	132152	..
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	7528	..	..	33187	48173	..	..	*68320	..	157207	..
Transport	..	..	..	90216	260	..	..	9903	..	100378	..
Road	..	..	..	87077	..	..	..	..	..	87077	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	3139	..	..	..	..	..	3139	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	260	..	..	9903	..	10162	..
Other	..	..	..	4304	5772	*181	..	91356	..	101612	*181
Agriculture, forestry, fishing	..	..	..	..	..	..	..	..	..	..	..
Commerce, public services	..	..	..	3169	3336	..	..	64095	..	70601	..
Households	..	..	..	1135	2344	..	..	26265	..	29744	..
Other consumers	..	..	..	..	92	*181	..	995	..	1268	*181
Non-energy use	..	..	..	528194	..	..	..	..	..	528194	..

Sint Maarten (Dutch part)

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	..
2017								
Primary production
Imports	..	*21725	..	*1	*3	..	*21729	*4
Exports
International marine bunkers	..	*-7872	..	..	..	..	*-7872	..
International aviation bunkers	..	*-2161	..	..	..	..	*-2161	..
Stock changes
Total energy supply	..	*11693	..	*1	*3	..	*11696	*4
Statistical Difference	..	0	..	0	0	*98	*98	0
Transfers
Transformation	..	*-3297	..	..	..	*1245	*-2051	..
Electricity plants	..	*-3297	..	..	..	*1245	*-2051	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	*-182	*-182	..
Final consumption	..	*8396	..	*1	*3	*966	*9365	*4
Final energy consumption	..	*6904	..	*1	*3	*966	*7874	*4
Manufacturing, const., mining	..	*1963	..	..	..	*188	*2151	..
Transport	..	*4851	..	..	..	..	*4851	..
Road	..	*3475	..	..	..	..	*3475	..
Domestic aviation
Domestic navigation	..	*1376	..	..	..	..	*1376	..
Other transport
Other	..	*90	..	*1	*3	*778	*871	*4
Agriculture, forestry, fishing
Commerce and public services	*501	*501	..
Households	..	*90	..	*1	*3	*276	*370	*4
Other consumers
Non-energy use	..	*1491	..	..	..	..	*1491	..

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	..	431	..	3206	57597	161535	17633	580	266486	67461
Imports	109818	4843	243451	73343	151426	4171	..	47696	83	634831	4056
Exports	..	-2019	-389	-176488	..	-5786	..	-38153	..	-222835	-5786
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-2117	..	..	..	..	..	-2117	..
Stock changes	4247	-158	-2290	-956	8458	73	..	..	..	9374	72
Total energy supply	139570	2665	241202	-106217	163090	56054	161535	27176	663	685739	65803
Statistical difference	0	-2	-858	-1632	0	-187	0	0	0	-2679	17588
Transfers	..	..	7266	-7266	..	..	..	..	..	0	..
Transformation	-124746	38112	-249327	261753	-33951	-24939	-161535	78851	37234	-178547	-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	..	..	-263433	271955	..	..	..	..	..	8523	..
Other transformation	..	4412	9030	-380	-6949	*-116	..	..	..	5997	*-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	..	125112	121503	*31276	..	89953	28330	434150	*23930
Final energy consumption	14001	21872	..	100560	107168	*31276	..	89953	28330	393160	*23930
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	..	..	..	90482	5932	5872	..	2185	..	104472	5872
Road	..	..	..	88921	..	5872	..	90	..	94884	5872
Rail	..	..	..	..	..	..	..	1840	..	1840	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	5635	..	..	..	..	5635	..
Transport, n.e.s	..	..	..	1561	297	..	..	256	..	2114	..
Other	3591	567	..	3708	68059	*3775	..	44262	22990	146951	*3963
Agriculture, forestry, fishing	14	..	..	2873	1037	1612	..	907	61	6504	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	..

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
2017											
Primary production	18688	..	344	..	4890	58247	164971	17410	632	265181	67898
Imports	118373	8010	234822	82993	182872	4880	..	56027	84	688060	4580
Exports	..	-1966	-2423	-166773	..	-5971	..	-45126	..	-222258	-5971
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-1720	..	..	..	..	..	-1720	..
Stock changes	-534	-899	865	2646	-14567	-268	..	..	..	-12756	-244
Total energy supply	136528	5145	233608	-82853	173195	56887	164971	28310	716	716507	66263
Statistical difference	40	-6	-857	-2249	0	435	0	0	0	-2637	17993
Transfers	..	..	9912	-9912	..	..	..	..	..	0	..
Transformation	-120733	35620	-244378	258152	-34586	*-24920	-164971	81288	37484	-177044	*-24285
Electricity plants	..	..	..	-43	-2275	-962	-45608	16801	..	-32087	-962
CHP plants	-41805	-3490	..	-9586	-16000	*-21100	-119362	64570	27696	-119078	*-20362
Heat plants	-67	-39	..	..	-9023	*-2727	..	-83	9788	-2151	*-2829
Coke ovens	-59494	59204	..	..	..	..	..	..	..	-290	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	5256	..	..	..	..	..	..	5256	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-19367	-24809	..	..	..	..	..	..	..	-44176	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-258664	268210	..	..	..	..	..	9546	..
Other transformation	..	4755	9030	-429	-7287	*-132	..	..	..	5937	*-132
Energy industries own use	-22	-16138	..	-24638	-3889	*-12	..	-12161	-5322	-62182	*-12
Losses	-11	-1183	..	..	-3472	..	..	-4547	-4518	-13731	..
Final consumption	15721	23450	..	142997	131248	*31520	..	92891	28360	466187	*23972
Final energy consumption	14822	22062	..	115403	115118	*31520	..	92891	28360	420176	*23972
Manufacturing, const., mining	10886	21353	..	7366	35792	*21186	..	44482	5607	146671	*13757
Iron and steel	9075	20276	..	..	6649	*146	..	9410	..	45557	*146
Chemical and petrochemical	..	..	..	4653	4600	1069	..	3989	2680	16991	..
Non-ferrous metals	..	142	..	133	1473	..	..	9414	..	11162	..
Non-metallic minerals	1331	821	..	2006	6737	6331	..	2182	168	19577	..
Transport equipment	67	..	..	0	2922	..	..	3488	135	6613	..
Machinery	..	..	..	47	4299	29	..	6095	..	10470	..
Mining and quarrying	22	..	..	176	100	..	..	148	..	446	..
Food and tobacco	390	113	..	43	3383	..	..	1717	199	5846	..
Paper, pulp and printing	..	..	..	40	1919	3	..	2869	2271	7102	3
Wood and wood products	..	..	..	..	235	..	..	688	76	999	..
Textile and leather	..	..	..	..	591	..	..	461	41	1093	..
Construction	..	..	..	267	647	..	..	263	37	1214	..
Industries n.e.s	0	0	..	0	2236	*13608	..	3758	0	19602	*13608
Transport	..	..	..	104761	6306	6087	..	2110	..	119263	6087
Road	..	..	..	103294	..	6087	..	90	..	109471	6087
Rail	..	..	..	..	..	..	..	1782	..	1782	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	6010	..	..	..	..	6010	..
Transport, n.e.s	..	..	..	1466	296	..	..	238	..	2000	..
Other	3937	709	..	3277	73020	4248	..	46300	22753	154242	4129
Agriculture, forestry, fishing	11	..	..	2627	945	1404	..	976	59	6022	1434
Commerce, public services	2594	544	..	271	23926	1397	..	27626	3529	59886	1003
Households	1332	166	..	378	48149	*1447	..	17698	19165	88334	*1692
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	899	1388	..	27595	16130	..	..	..	..	46011	..

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	28618	61722	17194	2326	144332	46262
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	29404	61722	12960	2326	277610	47048
Statistical difference	-1495	0	..	-99	0	3	0	4	0	-1587	17215
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-40832	..	..	-258	-4217	*-3771	-61722	41202	8964	-60634	*-3432
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	..	..	1517	-100	*-455
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	9596	209581	*26402
Final energy consumption	560	660	..	95668	25053	*25631	..	46890	9596	204057	*26402
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	7467	72590	*22584
Agriculture, forestry, fishing	..	..	..	2972	..	..	..	..	128	3100	128
Commerce, public services	..	..	..	3655	2727	53	..	12114	2102	20651	413
Households	..	..	..	6102	4813	*20241	..	11736	5237	48129	*22043
Other consumers	..	..	..	710	..	..	..	..	..	710	..
Non-energy use	109	150	..	5036	229	..	..	..	..	5523	..

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
2017											
Primary production	39084	..	..	..	301	27985	67878	14969	2497	152713	43312
Imports	7366	903	..	197631	30753	1840	..	32879	..	271372	1840
Exports	..	..	..	-89209	-129	..	..	-34733	..	-124070	..
International marine bunkers	..	..	..	-6343	..	..	..	..	..	-6343	..
International aviation bunkers	..	..	..	-1103	..	..	..	..	..	-1103	..
Stock changes	163	..	..	-3543	..	-37	..	..	..	-3417	-37
Total energy supply	46613	903	..	97434	30925	29789	67878	13115	2497	289153	45115
Statistical difference	25	-30	..	-363	-1	37	0	7	0	-325	15024
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-45916	..	..	-357	-5112	*-3953	-67878	42822	9417	-70976	*-3596
Electricity plants	..	..	..	-43	-125	-12	-67878	22676	..	-45382	-12
CHP plants	-45829	..	..	-90	-3744	-3419	..	20146	7571	-25366	-3044
Heat plants	-87	..	..	-224	-1243	*-522	..	..	1846	-229	*-540
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	..	-53	..	..	-4010	-542	-4606	..
Losses	..	..	..	..	..	..	..	-3215	-1330	-4545	..
Final consumption	672	933	..	97440	25761	*25799	..	48704	10042	209351	*26496
Final energy consumption	562	752	..	91938	25534	*25799	..	48704	10042	203331	*26496
Manufacturing, const., mining	562	752	..	3904	18367	*4892	..	23202	2151	53831	*3128
Iron and steel	..	271	..	90	3265	..	..	2959	54	6639	..
Chemical and petrochemical	..	..	..	176	1958	*1003	..	2495	1237	6869	*950
Non-ferrous metals	55	..	..	284	1844	..	..	4864	30	7076	..
Non-metallic minerals	..	481	..	1286	3164	1750	..	1364	1	8047	*39
Transport equipment	..	..	..	90	542	*2	..	889	9	1532	*2
Machinery	..	..	..	447	1557	*72	..	3618	284	5978	*72
Mining and quarrying	..	..	..	86	156	..	..	529	..	771	..
Food and tobacco	..	..	..	357	1129	*47	..	1080	150	2763	*47
Paper, pulp and printing	508	..	..	43	3217	*495	..	2516	46	6825	*495
Wood and wood products	..	..	..	43	..	*1340	..	558	17	*1958	*1340
Textile and leather	..	..	..	47	349	*37	..	374	49	857	*37
Construction	..	..	..	864	202	*7	..	176	14	1263	*7
Industries n.e.s	0	0	..	90	985	*139	..	1778	260	3253	*139
Transport	..	..	..	75746	137	1730	..	839	..	78452	1730
Road	..	..	..	75359	137	1730	..	4	..	77229	1730
Rail	..	..	..	387	..	..	..	810	..	1197	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	25	..	25	..
Other	..	..	..	12287	7030	*19177	..	24664	7891	71049	*21638
Agriculture, forestry, fishing	..	..	..	2974	..	..	..	..	108	3082	108
Commerce, public services	..	..	..	2795	2046	34	..	12686	2591	20152	503
Households	..	..	..	5715	4984	*19143	..	11977	5192	47011	*21027
Other consumers	..	..	..	804	..	..	..	..	..	804	..
Non-energy use	110	181	..	5503	227	..	..	..	..	6020	..

Solomon Islands

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	*3247	..	*8	*3255	*3255
Imports	..	*4576	..	..	1	..	*4577	1
Exports	0	0	..	0	0
International marine bunkers	..	*-235	..	..	..	..	*-235	..
International aviation bunkers	..	*-164	..	..	..	..	*-164	..
Stock changes
Total energy supply	..	*4177	..	*3247	1	*8	*7433	*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	..	*3167	..	*3169	*43	*323	*6701	*3212
Final energy consumption	..	*3106	..	*3169	*43	*323	*6641	*3212
Manufacturing, const., mining	..	*268	..	..	..	*127	*395	..
Transport	..	*2614	..	..	..	..	*2614	..
Road	..	*2225	..	..	..	..	*2225	..
Domestic aviation	..	*36	..	..	..	..	*36	..
Domestic navigation	..	*353	..	..	..	..	*353	..
Other transport
Other	..	*224	..	*3169	*43	*195	*3631	*3212
Agriculture, forestry, fishing	..	*212	..	..	..	..	*212	..
Commerce and public services	*88	*88	..
Households	..	*13	..	*3169	*43	60	*3285	*3212
Other consumers	*46	*46	..
Non-energy use	..	*60	..	..	..	..	*60	..
2017								
Primary production	*3257	..	6	*3263	*3263
Imports	..	*4535	..	..	0	..	*4535	0
Exports	0	0	..	0	0
International marine bunkers	..	*-233	..	..	..	..	*-233	..
International aviation bunkers	..	*-166	..	..	..	..	*-166	..
Stock changes
Total energy supply	..	*4136	..	*3257	0	6	*7399	*3263
Statistical Difference	..	0	..	0	0	0	0	*6
Transfers
Transformation	..	*-998	..	*-80	43	374	*-660	*-37
Electricity plants	..	*-998	..	..	..	374	*-623	..
Charcoal plants	*-80	43	..	*-37	*-37
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*9	*-9	..
Losses	*-47	*-47	..
Final consumption	..	*3138	..	*3176	*43	*325	*6683	*3220
Final energy consumption	..	*3077	..	*3176	*43	*325	*6622	*3220
Manufacturing, const., mining	..	*259	..	..	..	*134	*393	..
Transport	..	*2595	..	..	..	..	*2595	..
Road	..	*2212	..	..	..	..	*2212	..
Domestic aviation	..	*35	..	..	..	..	*35	..
Domestic navigation	..	*348	..	..	..	..	*348	..
Other transport
Other	..	*223	..	*3176	*43	191	*3634	*3220
Agriculture, forestry, fishing	..	*210	..	..	..	..	*210	..
Commerce and public services	*93	*93	..
Households	..	*13	..	*3176	*43	58	*3291	*3220
Other consumers	40	40	..
Non-energy use	..	*61	..	..	..	..	*61	..

Somalia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	135966	..	..	135966	135966
Imports	..	*12037	..	0	..	..	*12037	0
Exports	-7	0	..	-7	-7
International marine bunkers	..	-1173	..	..	..	..	-1173	..
International aviation bunkers	..	-1895	..	..	..	..	-1895	..
Stock changes
Total energy supply	..	*8969	..	135959	0	..	144928	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	..	4669	..	*68836	*36127	1134	*110766	*104963
Final energy consumption	..	4669	..	*68836	*36127	1134	*110766	*104963
Manufacturing, const., mining	..	*1091	..	*579	..	..	*1670	*579
Transport	..	1936	..	..	..	..	1936	..
Road	..	1936	..	..	..	..	1936	..
Domestic aviation
Domestic navigation
Other transport
Other	..	1642	..	*68257	*36127	1134	*107160	*104384
Agriculture, forestry, fishing
Commerce and public services
Households	..	1642	..	*68257	..	..	*69899	*68257
Other consumers	*36127	1134	*37261	*36127
Non-energy use
2017								
Primary production	139436	..	..	139436	139436
Imports	..	*12045	..	0	..	..	*12046	0
Exports	-7	0	..	-7	-7
International marine bunkers	..	*-1183	..	..	..	..	*-1183	..
International aviation bunkers	..	-1895	..	..	..	..	-1895	..
Stock changes
Total energy supply	..	*8967	..	139429	0	..	148396	139429
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	*-4300	..	*-69576	37447	*1260	*-35169	*-32129
Electricity plants	..	*-4300	..	..	..	*1260	*-3040	..
Charcoal plants	*-69576	37447	..	*-32129	*-32129
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	0	0	..
Losses	*-126	*-126	..
Final consumption	..	*4667	..	*69853	*37447	1134	*113101	*107300
Final energy consumption	..	*4667	..	*69853	*37447	1134	*113101	*107300
Manufacturing, const., mining	..	*1091	..	*527	..	..	*1617	*527
Transport	..	*1934	..	..	..	..	*1934	..
Road	..	*1934	..	..	..	..	*1934	..
Domestic aviation
Domestic navigation
Other transport
Other	..	1642	..	*69326	*37447	1134	*109550	*106774
Agriculture, forestry, fishing
Commerce and public services
Households	..	1642	..	*69326	..	..	*70968	*69326
Other consumers	*37447	1134	*38581	*37447
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
2016											
Primary production	6052100	..	17326	..	38511	329582	162281	25200	10307	6635307	365089
Imports	16427	..	764573	309549	146707	..	..	37998	..	1275254	..
Exports	-1658023	..	..	-171319	..	-9145	..	-59576	..	-1898063	-9145
International marine bunkers	..	..	..	-121587	..	..	..	..	..	-121587	..
International aviation bunkers	..	..	..	-68488	..	..	..	..	..	-68488	..
Stock changes	..	..	5203	..	..	..	..	..	..	5203	..
Total energy supply	4410505	..	787102	-51845	185218	320437	162281	3622	10307	5827625	355944
Statistical difference	-51700	0	-137729	-70948	0	0	0	6520	0	-253858	27000
Transfers	..	..	-194688	235863	..	..	..	..	..	41175	..
Transformation	-3293400	64010	-730142	805321	-114352	*-48726	-162281	872831	-5400	-2612140	*-52326
Electricity plants	-2901980	..	..	-1892	..	*-3730	-162281	872831	-5400	-2202452	*-7330
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-76690	72227	..	..	..	..	..	..	..	-4463	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	-248193	..	194688	..	-114352	..	..	..	..	-167857	..
Gas works	-66537	22627	..	..	..	..	..	..	..	-43910	..
Blast furnaces	..	-30844	..	..	..	..	..	..	..	-30844	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-924830	807213	..	..	..	..	..	-117618	..
Other transformation	..	..	..	..	..	*-44996	..	..	..	*-44996	*-44996
Energy industries own use	-640491	..	..	-43263	..	..	..	-98752	..	-782505	..
Losses	..	..	..	..	..	..	..	-77036	..	-77036	..
Final consumption	528314	64010	..	1017023	70866	*271711	..	694145	4907	2650976	*276618
Final energy consumption	472214	64010	..	912222	70866	*271711	..	694145	4907	2490075	*276618
Manufacturing, const., mining	281972	62941	..	86485	70796	*104078	..	417380	..	1023651	*104078
Iron and steel	58116	48283	..	..	8560	..	..	13514	..	128474	..
Chemical and petrochemical	0	5373	..	..	39598	..	..	40216	..	85187	..
Non-ferrous metals	43054	1530	..	..	411	..	..	61434	..	106429	..
Non-metallic minerals	43267	352	..	..	13560	..	..	9256	..	66435	..
Transport equipment	..	..	..	..	576	..	..	155	..	731	..
Machinery	..	566	..	..	995	..	..	151	..	1713	..
Mining and quarrying	5480	238	..	62613	..	..	..	108796	..	177126	..
Food and tobacco	..	1033	..	..	2691	..	..	2542	..	6266	..
Paper, pulp and printing	..	3527	..	..	644	..	..	5724	..	9895	..
Wood and wood products	..	..	..	..	..	..	..	1001	..	1001	..
Textile and leather	..	..	..	..	13	..	..	439	..	452	..
Construction	..	..	..	3995	..	..	..	378	..	4373	..
Industries n.e.s	132055	2039	..	19877	3748	*104078	..	173776	..	435572	*104078
Transport	..	..	..	715226	7	..	..	12445	..	727679	..
Road	..	..	..	684282	7	..	..	104	..	684393	..
Rail	..	..	..	5762	..	..	..	10256	..	16018	..
Domestic aviation	..	..	..	25096	..	..	..	..	..	25096	..
Domestic navigation	..	..	..	87	..	..	..	..	..	87	..
Pipeline transport	..	..	..	..	..	..	..	270	..	270	..
Transport, n.e.s	..	..	..	..	..	..	..	1814	..	1814	..
Other	190242	1069	..	110511	63	*167633	..	264319	4907	738745	*172540
Agriculture, forestry, fishing	11552	..	..	47683	..	..	..	20336	..	79572	..
Commerce, public services	58377	1069	..	6173	63	..	..	100404	..	166087	..
Households	117585	..	..	26329	..	*167633	..	138150	..	449697	*167633
Other consumers	2728	..	..	30325	..	..	..	5429	4907	43389	4907
Non-energy use	56100	..	..	104801	..	..	..	..	..	160902	..

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
2017											
Primary production	6087211	..	5728	..	30809	331133	153284	30942	13865	6652971	375940
Imports	17915	..	729083	409225	147607	..	..	30845	..	1334675	..
Exports	-1684572	..	..	-166392	..	-9145	..	-54724	..	-1914833	-9145
International marine bunkers	..	..	..	-81379	..	..	..	..	..	-81379	..
International aviation bunkers	..	..	..	-90715	..	..	..	..	..	-90715	..
Stock changes	..	..	9010	..	..	..	..	..	..	9010	..
Total energy supply	4420554	..	743820	70740	178416	321988	153284	7063	13865	5909730	366795
Statistical difference	13330	0	-70007	-33375	-1	0	0	7830	0	-82222	33376
Transfers	..	..	-188604	228494	..	..	..	..	..	39890	..
Transformation	-3159433	64986	-625223	770745	-108693	*-49519	-153284	871416	-7301	-2396306	*-54386
Electricity plants	-2771587	..	..	-1892	..	*-3727	-153284	871279	-7301	-2066512	*-8594
CHP plants	..	..	..	..	..	*-276	..	137	..	*-139	*-276
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-77422	72909	..	..	..	..	..	..	..	-4513	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	-242205	..	188604	..	-108693	..	..	..	..	-162294	..
Gas works	-68219	23203	..	..	..	..	..	..	..	-45016	..
Blast furnaces	..	-31126	..	..	..	..	..	..	..	-31126	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-813827	772637	..	..	..	..	..	-41190	..
Other transformation	..	..	..	..	..	*-45516	..	..	..	*-45516	*-45516
Energy industries own use	-625046	..	..	-38066	..	..	..	-93434	..	-756546	..
Losses	..	..	..	..	..	..	..	-77144	..	-77144	..
Final consumption	622745	64986	..	1065288	69724	*272469	..	700070	6564	2801846	*279033
Final energy consumption	579266	64986	..	959040	69724	*272469	..	700070	6564	2652119	*279033
Manufacturing, const., mining	261537	63903	..	87548	69655	*105384	..	420336	..	1008362	*105384
Iron and steel	66843	48863	..	..	8422	..	..	13612	..	137740	..
Chemical and petrochemical	..	5513	..	..	38959	..	..	40500	..	84972	..
Non-ferrous metals	40514	1570	..	..	405	..	..	61870	..	104358	..
Non-metallic minerals	38569	361	..	..	13342	..	..	9320	..	61592	..
Transport equipment	..	..	..	..	567	..	..	155	..	722	..
Machinery	..	581	..	..	979	..	..	151	..	1711	..
Mining and quarrying	1233	244	..	66449	..	..	..	109566	..	177492	..
Food and tobacco	..	1060	..	..	2648	..	..	2560	..	6267	..
Paper, pulp and printing	..	3619	..	..	633	..	..	5764	..	10015	..
Wood and wood products	..	..	..	..	..	..	..	1008	..	1008	..
Textile and leather	..	..	..	..	13	..	..	443	..	455	..
Construction	..	..	..	4253	..	..	..	382	..	4634	..
Industries n.e.s	114378	2092	..	16847	3687	*105384	..	175007	..	417395	*105384
Transport	..	..	..	755585	7	..	..	13540	..	769132	..
Road	..	..	..	715871	7	..	..	104	..	715983	..
Rail	..	..	..	6064	..	..	..	11333	..	17397	..
Domestic aviation	..	..	..	33562	..	..	..	..	..	33562	..
Domestic navigation	..	..	..	87	..	..	..	..	..	87	..
Pipeline transport	..	..	..	..	..	..	..	274	..	274	..
Transport, n.e.s	..	..	..	..	..	..	..	1829	..	1829	..
Other	317729	1083	..	115907	62	*167085	..	266195	6564	874625	*173649
Agriculture, forestry, fishing	19213	..	..	50799	..	..	..	20480	..	90493	..
Commerce, public services	97133	1083	..	6381	62	..	..	101117	..	205776	..
Households	196852	..	..	26548	..	*167085	..	139129	..	529615	*167085
Other consumers	4531	..	..	32178	..	..	..	5468	6564	48741	6564
Non-energy use	43479	..	..	106249	..	..	..	..	..	149727	..

South Sudan

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	..	249189	..	8103	..	7	257300	8110
Imports	..	23948	..	..	..	..	23948	..
Exports	..	-246228	..	..	..	..	-246228	..
International marine bunkers
International aviation bunkers	..	-2690	..	..	..	..	-2690	..
Stock changes
Total energy supply	..	24219	..	8103	..	7	32329	8110
Statistical Difference	..	-300	..	168	-30	18	-143	146
Transfers
Transformation	..	-6067	..	-1725	325	2174	-5293	-1401
Electricity plants	..	-6067	..	..	..	2174	-3892	..
Charcoal plants	-1725	325	..	-1401	-1401
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	-2961	..	-13	..	-68	-3042	-13
Losses	..	-648	..	..	-30	-101	-779	-30
Final consumption	..	14842	..	6197	325	1994	23358	6521
Final energy consumption	..	14842	..	6197	325	1994	23358	6521
Manufacturing, const., mining	..	348	..	..	..	..	348	..
Transport	..	13276	..	..	..	..	13276	..
Road	..	12615	..	..	..	..	12615	..
Domestic aviation	..	662	..	..	..	..	662	..
Domestic navigation
Other transport
Other	..	1218	..	6197	325	1994	9734	6521
Agriculture, forestry, fishing	..	992	..	17	..	302	1311	17
Commerce and public services	237	59	810	1106	296
Households	..	182	..	5943	266	882	7273	6209
Other consumers	..	44	..	..	..	..	44	..
Non-energy use
2017								
Primary production	..	230704	..	6890	..	11	237605	6901
Imports	..	20669	..	..	..	..	20669	..
Exports	..	-227701	..	..	..	..	-227701	..
International marine bunkers
International aviation bunkers	..	-2734	..	..	..	..	-2734	..
Stock changes
Total energy supply	..	20938	..	6890	..	11	27839	6901
Statistical Difference	..	-132	..	106	30	18	21	146
Transfers
Transformation	..	-5636	..	-1504	266	1940	-4934	-1239
Electricity plants	..	-5636	..	..	..	1940	-3695	..
Charcoal plants	-1504	266	..	-1239	-1239
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	..	-2961	..	-10	..	-54	-3025	-10
Losses	..	-87	..	..	..	-86	-174	..
Final consumption	..	12387	..	5270	236	1793	19685	5506
Final energy consumption	..	12387	..	5270	236	1793	19685	5506
Manufacturing, const., mining	..	692	..	..	..	709	1402	..
Transport	..	10519	..	..	..	..	10519	..
Road	..	9813	..	..	..	..	9813	..
Domestic aviation	..	706	..	..	..	..	706	..
Domestic navigation
Other transport
Other	..	1176	..	5270	236	1084	7765	5506
Agriculture, forestry, fishing	..	904	..	14	..	238	1156	14
Commerce and public services	..	133	..	202	30	68	433	232
Households	..	138	..	5054	207	778	6176	5260
Other consumers
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
2016											
Primary production	30822	..	6016	..	2008	309997	633236	336110	73320	1391510	709579
Imports	333759	4984	2737981	884994	1180414	30989	..	78642	..	5251764	30989
Exports	-8871	-3671	..	-1035783	-145243	-47421	..	-51041	..	-1292030	-47421
International marine bunkers	..	..	..	-314974	..	..	..	..	..	-314974	..
International aviation bunkers	..	..	..	-175694	..	..	..	..	..	-175694	..
Stock changes	74681	-2813	28842	-14710	11184	5828	..	..	..	103012	5828
Total energy supply	430393	-1501	2772839	-656168	1048363	299393	633236	363712	73320	4963587	698975
Statistical difference	-29692	4153	0	-61433	711	-64	0	2344	0	-83981	356131
Transfers	..	..	29878	-26255	..	..	..	..	..	3622	..
Transformation	-448776	35891	-2802716	2621155	-338546	-81607	-633236	640577	-60253	-1067512	-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	55943	..	..	..	..	..	..	..	6998	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-19497	-10037	..	..	..	..	..	..	..	-29534	..
NGL plants & gas blending	..	14	..	..	..	..	..	..	..	14	..
Oil refineries	..	..	-2802716	2764514	..	..	..	..	..	-38202	..
Other transformation	..	..	..	-160	..	-4446	..	..	..	-4606	-4446
Energy industries own use	..	-6980	..	-212630	-123382	-6	..	-68699	..	-411698	-6
Losses	..	-8571	..	..	-4158	..	..	-96192	..	-108921	..
Final consumption	11308	14686	..	1787534	581567	217844	..	837054	13067	3463059	230675
Final energy consumption	11308	13006	..	1599491	562933	217844	..	837054	13067	3254702	230675
Manufacturing, const., mining	7380	12724	..	119669	273436	*57927	..	280436	108	751681	*58035
Iron and steel	1428	11277	..	3057	26700	1	..	48596	..	91060	1
Chemical and petrochemical	5309	268	..	4196	67692	208	..	35140	7	112819	215
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	*55687	..	24437	10	90357	*55697
Transport	..	..	..	1225235	14445	45576	..	18641	..	1303897	45576
Road	..	..	..	1108269	13343	45355	..	144	..	1167111	45355
Rail	..	..	..	3354	..	..	..	12920	..	16274	..
Domestic aviation	..	..	..	83306	..	..	..	..	..	83306	..
Domestic navigation	..	..	..	26275	..	37	..	..	..	26312	37
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	4031	1103	184	..	5576	..	10894	184
Other	3928	282	..	254586	275052	114341	..	537977	12959	1199124	127064
Agriculture, forestry, fishing	..	..	..	82778	3502	3062	..	21542	262	111147	3324
Commerce, public services	..	14	..	53336	125874	5355	..	259603	2249	446431	7368
Households	2976	..	..	116838	145395	105889	..	250733	10223	632054	116112
Other consumers	952	268	..	1633	281	35	..	6098	225	9492	260
Non-energy use	..	1680	..	188043	18634	..	..	..	..	208357	..

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
2017											
Primary production	47220	..	5120	..	997	335532	626821	275123	77256	1368070	677040
Imports	459778	7136	2814098	975139	1261304	36346	..	85543	..	5639344	36346
Exports	-5159	-3609	..	-1143606	-104960	-60785	..	-52535	..	-1370653	-60785
International marine bunkers	..	..	..	-279721	..	..	..	..	..	-279721	..
International aviation bunkers	..	..	..	-191791	..	..	..	..	..	-191791	..
Stock changes	25672	-5359	-1707	54120	-15752	4309	..	..	..	61283	4309
Total energy supply	527511	-1832	2817511	-585859	1141590	315402	626821	308131	77256	5226532	656909
Statistical difference	-23307	55	0	23028	7982	-37	0	5292	0	13013	296265
Transfers	..	..	33448	-27059	..	..	..	..	..	6389	..
Transformation	-535690	32011	-2850959	2664837	-415419	*-88003	-626821	709254	-63536	-1174326	*-119781
Electricity plants	-469099	-11941	..	-115016	-274579	*-71785	-626821	593845	-63536	-1038932	-105100
CHP plants	-1096	..	..	-20638	-141138	*-11474	..	115409	..	-58937	*-9937
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-47674	53564	..	..	..	..	..	..	..	5890	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-17821	-9612	..	..	..	..	..	..	..	-27433	..
NGL plants & gas blending	..	..	..	..	298	-298	..	..	..	0	-298
Oil refineries	..	..	-2850959	2800641	..	..	..	..	..	-50317	..
Other transformation	..	..	..	-150	..	-4446	..	..	..	-4596	-4446
Energy industries own use	..	-7402	..	-206141	-130363	..	..	-70175	..	-414081	..
Losses	..	-1672	..	..	-4900	..	..	-97463	..	-104034	..
Final consumption	15129	21051	..	1822751	582926	227436	..	844456	13720	3527467	240864
Final energy consumption	15129	19427	..	1636473	564625	227436	..	844456	13720	3321265	240864
Manufacturing, const., mining	10960	19153	..	120634	288243	*60108	..	286020	120	785238	*60228
Iron and steel	5742	17841	..	3160	26371	1	..	50879	..	103993	1
Chemical and petrochemical	4527	219	..	4792	78661	208	..	34031	7	122444	215
Non-ferrous metals	..	547	..	2642	8627	..	..	35550	10	47375	10
Non-metallic minerals	357	..	..	58192	51234	131	..	22046	2	131963	133
Transport equipment	..	..	..	1279	6921	..	..	15883	10	24093	10
Machinery	..	..	..	4435	9142	..	..	17424	24	31025	24
Mining and quarrying	..	..	..	6901	6318	74	..	7002	1	20296	75
Food and tobacco	334	547	..	13637	45278	401	..	37213	42	97451	443
Paper, pulp and printing	..	..	..	3306	25421	1092	..	21096	1	50916	1093
Wood and wood products	..	..	..	930	6408	..	..	5623	..	12961	..
Textile and leather	..	..	..	1169	5364	..	..	5908	5	12445	5
Construction	..	..	..	18813	13879	626	..	8561	8	41886	634
Industries n.e.s	0	0	..	1380	4620	*57576	..	24804	10	88389	*57586
Transport	..	..	..	1264831	15626	52398	..	19048	..	1351902	52398
Road	..	..	..	1127200	13659	52177	..	209	..	1193245	52177
Rail	..	..	..	3311	..	..	..	13144	..	16455	..
Domestic aviation	..	..	..	90538	..	..	..	..	..	90538	..
Domestic navigation	..	..	..	40092	..	37	..	..	..	40129	37
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	3690	1967	184	..	5695	..	11536	184
Other	4169	273	..	251009	260756	114931	..	539388	13600	1184126	128239
Agriculture, forestry, fishing	..	..	..	83647	3167	3133	..	20801	266	111014	3399
Commerce, public services	..	..	..	54078	100675	5693	..	261248	2307	424001	7708
Households	2978	..	..	111977	156900	106070	..	252032	10778	640735	116848
Other consumers	1191	273	..	1307	14	35	..	5306	249	8376	284
Non-energy use	..	1624	..	186277	18301	..	..	..	..	206202	..

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	..	16714	..	169227	169227
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	..	16714	..	467238	170138
Statistical difference	0	..	0	1184	..	0	..	63	..	1247	16714
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	..	..	..	-2281	..	-2974	..
Losses	..	..	..	..	..	..	..	-3591	..	-3591	..
Final consumption	2283	..	..	192733	..	152512	..	45774	..	393303	152512
Final energy consumption	2283	..	..	188975	..	152512	..	45774	..	389545	152512
Manufacturing, const., mining	2283	..	..	*19677	..	58693	..	14937	..	95590	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	..	14937	..	95307	58693
Transport	..	..	..	148491	..	..	..	..	..	148491	..
Road	..	..	..	146627	..	..	..	..	..	146627	..
Rail	..	..	..	1686	..	..	..	..	..	1686	..
Domestic aviation	..	..	..	125	..	..	..	..	..	125	..
Domestic navigation	..	..	..	1	..	..	..	..	..	1	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	52	..	..	..	..	..	52	..
Other	..	..	..	20806	..	93820	..	30838	..	145464	93820
Agriculture, forestry, fishing	..	..	..	34	..	..	..	..	..	34	..
Commerce, public services	..	..	..	..	..	..	..	13216	..	13216	..
Households	..	..	..	20773	..	93820	..	17318	..	131910	93820
Other consumers	..	..	..	..	..	..	..	303	..	303	..
Non-energy use	..	..	..	*3759	..	..	..	..	..	*3759	..

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
2017											
Primary production	..	..	..	..	..	150277	..	16642	..	166919	166919
Imports	74061	..	63425	170869	..	..	..	..	..	308355	..
Exports	..	..	..	0	..	..	..	..	..	0	..
International marine bunkers	..	..	..	-22773	..	..	..	..	..	-22773	..
International aviation bunkers	..	..	..	-23805	..	..	..	..	..	-23805	..
Stock changes	*-10844	..	6201	36342	..	848	..	..	..	32547	848
Total energy supply	63217	..	69626	160633	..	151125	..	16642	..	461243	167767
Statistical difference	12	..	0	2519	..	-1	..	0	..	2529	16641
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-61151	..	-69626	23388	..	-848	..	37373	..	-70864	-848
Electricity plants	-61151	..	..	-46569	..	-848	..	37373	..	-71195	-848
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-69626	69957	..	..	..	..	..	331	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	-644	..	..	..	-1211	..	-1854	..
Losses	..	..	..	..	..	..	..	-4245	..	-4245	..
Final consumption	2054	..	..	180859	..	150278	..	48559	..	381750	150278
Final energy consumption	2054	..	..	179982	..	150278	..	48559	..	380874	150278
Manufacturing, const., mining	2054	..	..	7378	..	60998	..	15737	..	86168	60998
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	2054	..	..	7378	..	60998	..	15737	..	86168	60998
Transport	..	..	..	149786	..	..	..	..	..	149786	..
Road	..	..	..	147697	..	..	..	..	..	147697	..
Rail	..	..	..	1647	..	..	..	..	..	1647	..
Domestic aviation	..	..	..	419	..	..	..	..	..	419	..
Domestic navigation	..	..	..	0	..	..	..	..	..	0	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	24	..	..	..	..	..	24	..
Other	..	..	..	22818	..	89280	..	32822	..	144920	89280
Agriculture, forestry, fishing	..	..	..	4	..	..	..	..	..	4	..
Commerce, public services	..	..	..	..	..	..	..	14274	..	14274	..
Households	..	..	..	22814	..	89280	..	18229	..	130323	89280
Other consumers	..	..	..	..	..	..	..	319	..	319	..
Non-energy use	..	..	..	*876	..	..	..	..	..	*876	..

St. Helena and Depend.

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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
2017								
Primary production	*5	..	10	15	15
Imports	..	*143	..	..	..	..	*143	..
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*143	..	*5	..	10	*158	15
Statistical Difference	..	0	..	0	..	3	*3	10
Transfers
Transformation	..	*-77	..	..	..	31	*-46	..
Electricity plants	..	*-77	..	..	..	31	*-46	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	*4	*-4	..
Final consumption	..	*65	..	*5	..	34	*105	*5
Final energy consumption	..	*65	..	*5	..	34	*105	*5
Manufacturing, const., mining
Transport	..	*65	..	..	..	..	*65	..
Road	..	*65	..	..	..	..	*65	..
Domestic aviation
Domestic navigation
Other transport
Other	*5	..	34	40	*5
Agriculture, forestry, fishing
Commerce and public services	18	18	..
Households	*5	..	16	21	*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
2016								
Primary production	0	..	40	40	40
Imports	..	*3631	..	..	..	..	*3631	..
Exports
International marine bunkers
International aviation bunkers	..	*-219	..	..	..	..	*-219	..
Stock changes
Total energy supply	..	*3412	..	0	..	40	*3452	40
Statistical Difference	..	*49	..	0	0	0	*49	40
Transfers
Transformation	..	*-2107	..	0	0	*781	*-1326	0
Electricity plants	..	*-2107	..	..	..	*781	*-1326	..
Charcoal plants	0	0	..	0	0
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-9	*-9	..
Losses	*-130	*-130	..
Final consumption	..	*1255	..	0	0	*682	*1937	0
Final energy consumption	..	*1234	..	0	0	*682	*1916	0
Manufacturing, const., mining	..	*58	..	..	..	*135	*193	..
Transport	..	*1033	..	..	..	..	*1033	..
Road	..	*1033	..	..	..	..	*1033	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*143	..	0	0	*546	*690	0
Agriculture, forestry, fishing	..	*4	..	..	..	..	*4	..
Commerce and public services	..	*50	..	..	..	*354	*403	..
Households	..	*89	..	0	0	*193	*282	0
Other consumers
Non-energy use	..	*21	..	..	..	..	*21	..
2017								
Primary production	0	..	40	40	40
Imports	..	*3662	..	..	..	..	*3662	..
Exports
International marine bunkers
International aviation bunkers	..	*-223	..	..	..	..	*-223	..
Stock changes
Total energy supply	..	*3438	..	0	..	40	*3478	40
Statistical Difference	..	*95	..	0	0	0	*95	40
Transfers
Transformation	..	*-2077	..	0	0	*741	*-1336	0
Electricity plants	..	*-2077	..	..	..	*741	*-1336	..
Charcoal plants	0	0	..	0	0
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-9	*-9	..
Losses	*-119	*-119	..
Final consumption	..	*1267	..	0	0	*653	*1920	0
Final energy consumption	..	*1245	..	0	0	*653	*1899	0
Manufacturing, const., mining	..	*58	..	..	..	*130	*188	..
Transport	..	*1044	..	..	..	..	*1044	..
Road	..	*1044	..	..	..	..	*1044	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*143	..	0	0	*523	*666	0
Agriculture, forestry, fishing	..	*4	..	..	..	..	*4	..
Commerce and public services	..	*49	..	..	..	*339	*388	..
Households	..	*89	..	0	0	*185	*274	0
Other consumers
Non-energy use	..	*22	..	..	..	..	*22	..

St. Lucia

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	89	..	..	89	89
Imports	..	5079	..	..	..	..	5079	..
Exports
International marine bunkers	..	*-256	..	..	..	..	*-256	..
International aviation bunkers
Stock changes
Total energy supply	..	4823	..	89	..	..	4912	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	..	*1434	..	*70	*10	1254	*2768	*80
Final energy consumption	..	*1345	..	*70	*10	1254	*2679	*80
Manufacturing, const., mining	67	67	..
Transport	..	998	..	..	..	..	998	..
Road	..	998	..	..	..	..	998	..
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	..
2017								
Primary production	88	..	..	88	88
Imports	..	5366	..	..	..	..	5366	..
Exports
International marine bunkers	..	*-263	..	..	..	..	*-263	..
International aviation bunkers
Stock changes
Total energy supply	..	5104	..	88	..	..	5192	88
Statistical Difference	..	0	..	0	0	0	0	0
Transfers
Transformation	..	-3483	..	*-20	11	1441	-2051	*-9
Electricity plants	..	-3483	..	..	..	1441	-2042	..
Charcoal plants	*-20	11	..	*-9	*-9
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-48	-48	..
Losses	-99	-99	..
Final consumption	..	*1621	..	*68	*11	1295	*2994	*79
Final energy consumption	..	*1531	..	*68	*11	1295	*2904	*79
Manufacturing, const., mining	66	66	..
Transport	..	1179	..	..	..	..	1179	..
Road	..	1179	..	..	..	..	1179	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*352	..	*68	*11	1229	1659	*79
Agriculture, forestry, fishing
Commerce and public services	39	39	..
Households	..	*352	..	*68	*11	460	890	*79
Other consumers	730	730	..
Non-energy use	..	*90	..	..	..	..	*90	..

St. Pierre-Miquelon

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	5	..	0	5	5
Imports	..	*1347	..	..	..	..	*1347	..
Exports
International marine bunkers	..	*-274	..	..	..	..	*-274	..
International aviation bunkers
Stock changes
Total energy supply	..	*1073	..	5	..	0	*1079	5
Statistical Difference	..	0	..	0	..	0	0	0
Transfers
Transformation	..	*-500	..	..	..	176	*-324	..
Electricity plants	..	*-500	..	..	..	176	*-324	..
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
2017								
Primary production	5	..	..	5	5
Imports	..	1347	..	..	..	..	1347	..
Exports
International marine bunkers	..	*-274	..	..	..	..	*-274	..
International aviation bunkers
Stock changes
Total energy supply	..	1073	..	5	..	..	1079	5
Statistical Difference	..	0	..	0	..	0	0	0
Transfers
Transformation	..	*-500	..	..	..	175	*-325	..
Electricity plants	..	*-500	..	..	..	175	*-325	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	*-9	*-9	..
Final consumption	..	*573	..	*5	..	*166	*745	*5
Final energy consumption	..	*573	..	*5	..	*166	*745	*5
Manufacturing, const., mining
Transport	..	*529	..	..	..	..	*529	..
Road	..	*142	..	..	..	..	*142	..
Domestic aviation
Domestic navigation
Other transport	..	*387	..	..	..	..	*387	..
Other	..	*44	..	*5	..	*166	*216	*5
Agriculture, forestry, fishing
Commerce and public services	*36	*36	..
Households	..	*44	..	*5	..	*130	*180	*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
2016								
Primary production	66	..	57	123	123
Imports	..	3697	..	..	0	..	3697	0
Exports	0	..	0	0
International marine bunkers
International aviation bunkers	..	*-3	..	..	..	..	*-3	..
Stock changes
Total energy supply	..	3694	..	66	0	57	3817	123
Statistical Difference	..	0	..	0	0	28	28	57
Transfers
Transformation	..	*-1305	..	*-20	11	490	*-823	*-9
Electricity plants	..	*-1305	..	..	..	490	*-814	..
Charcoal plants	*-20	11	..	*-9	*-9
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-114	-114	..
Losses	-38	-38	..
Final consumption	..	*2389	..	*46	*11	367	*2813	*56
Final energy consumption	..	*2351	..	*46	*11	367	*2775	*56
Manufacturing, const., mining	18	18	..
Transport	..	*1940	..	..	..	..	*1940	..
Road	..	*1167	..	..	..	..	*1167	..
Domestic aviation
Domestic navigation
Other transport	..	*773	..	..	..	..	*773	..
Other	..	*411	..	*46	*11	349	*817	*56
Agriculture, forestry, fishing
Commerce and public services	165	165	..
Households	..	*411	..	*46	*11	184	*651	*56
Other consumers
Non-energy use	..	*38	..	..	..	..	*38	..
2017								
Primary production	65	..	*58	123	123
Imports	..	*3709	..	..	0	..	*3709	0
Exports	0	..	0	0
International marine bunkers
International aviation bunkers	..	*-3	..	..	..	..	*-3	..
Stock changes
Total energy supply	..	*3706	..	65	0	*58	*3829	123
Statistical Difference	..	0	..	0	0	*28	*28	58
Transfers
Transformation	..	*-1312	..	*-20	11	*492	*-829	*-9
Electricity plants	..	*-1312	..	..	..	*492	*-819	..
Charcoal plants	*-20	11	..	*-9	*-9
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-114	*-114	..
Losses	*-38	*-38	..
Final consumption	..	*2395	..	*45	*11	*369	*2820	*56
Final energy consumption	..	*2357	..	*45	*11	*369	*2781	*56
Manufacturing, const., mining	*18	*18	..
Transport	..	*1945	..	..	..	..	*1945	..
Road	..	*1171	..	..	..	..	*1171	..
Domestic aviation
Domestic navigation
Other transport	..	*774	..	..	..	..	*774	..
Other	..	*412	..	*45	*11	*350	*818	*56
Agriculture, forestry, fishing
Commerce and public services	*166	*166	..
Households	..	*412	..	*45	*11	*184	*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
2016								
Primary production	4024	..	5639	9663	9663
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	..	25343	76975	9707
Statistical Difference	..	0	..	0	..	0	0	5639
Transfers
Transformation	..	-4497	..	..	..	1780	-2717	..
Electricity plants	..	-4497	..	..	..	1780	-2717	..
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	..
2017								
Primary production	3983	..	5794	9777	9777
Imports	..	47887	..	54	..	20077	68018	54
Exports	..	-4	..	-8	..	..	-12	-8
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	47883	..	4028	..	25871	77782	9822
Statistical Difference	..	-4	..	0	..	0	-4	5794
Transfers
Transformation	..	-4949	..	..	..	1803	-3146	..
Electricity plants	..	-4949	..	..	..	1803	-3146	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	..	-153	..	..	..	-5461	-5614	..
Final consumption	..	42786	..	4028	..	22213	69027	4028
Final energy consumption	..	41777	..	4028	..	22213	68018	4028
Manufacturing, const., mining	..	1061	..	254	..	2333	3648	254
Transport	..	31670	..	..	..	..	31670	..
Road	..	31670	..	..	..	..	31670	..
Domestic aviation
Domestic navigation
Other transport
Other	..	9045	..	3774	..	19880	32699	3774
Agriculture, forestry, fishing	..	458	..	..	..	119	577	..
Commerce and public services	..	974	..	67	..	4973	6014	67
Households	..	7613	..	3707	..	14788	26108	3707
Other consumers
Non-energy use	..	1009	..	..	..	..	1009	..

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	199563	..	..	203914	..	28984	..	432460	232897
Imports	46657	64687	..	..	..	1580	..	112925	..
Exports	-40143	-6494	..	..	..	-22	..	-46659	..
International marine bunkers	-1118	..	..	..	..	..	-1118	..
International aviation bunkers	*-6875	..	..	..	..	..	*-6875	..
Stock changes	0	..	..	..	..	..	0	..
Total energy supply	206077	50200	..	203914	..	30542	..	490733	232897
Statistical difference	-11091	1114	..	0	..	-72	..	-10049	28984
Transfers
Transformation	*-217168	147255	..	-48576	..	23359	..	-95131	-48576
Electricity plants	*-31725	*-31863	..	..	..	22961	..	*-40627	..
CHP plants	*-1977	..	398	..	*-1579	*-1977
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	*-185443	179118	..	..	..	..	..	*-6325	..
Other transformation	-46599	..	..	..	-46599	-46599
Energy industries own use	-1188	..	..	..	-589	..	-1777	..
Losses	-10908	..	-10908	..
Final consumption	*195152	..	*155338	..	42476	..	*392966	*155338
Final energy consumption	*184268	..	*155338	..	42476	..	*382083	*155338
Manufacturing, const., mining	16346	..	45970	..	6458	..	68774	45970
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	*14734	..	..	..	*14734	*14734
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	16346	..	31236	..	6458	..	54040	31236
Transport	*129892	..	..	..	..	..	*129892	..
Road	*129892	..	..	..	..	..	*129892	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	*38031	..	*109368	..	36018	..	*183417	*109368
Agriculture, forestry, fishing
Commerce, public services	*4626	..	*37457	..	5306	..	*47389	*37457
Households	*7322	..	*71911	..	24109	..	*103342	*71911
Other consumers	*26083	..	..	..	6602	..	*32686	..
Non-energy use	10884	..	..	..	..	..	10884	..

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
2017											
Primary production	173223	..	..	205242	..	33649	..	412114	238891
Imports	31480	105007	..	..	..	3208	..	139694	..
Exports	-7056	-5387	..	..	..	..	..	-12443	..
International marine bunkers	-1161	..	..	..	..	..	-1161	..
International aviation bunkers	*-5901	..	..	..	..	..	*-5901	..
Stock changes
Total energy supply	197647	92559	..	205242	..	36857	..	532304	238891
Statistical difference	5224	1427	..	0	..	749	..	7399	33649
Transfers
Transformation	*-192423	116023	..	-48699	..	22722	..	*-102377	-48699
Electricity plants	*-31725	*-39345	..	..	..	22302	..	*-48768	..
CHP plants	*-2100	..	420	..	*-1681	*-2100
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	*-160698	155368	..	..	..	..	..	*-5329	..
Other transformation	-46599	..	..	..	-46599	-46599
Energy industries own use	-990	..	..	..	-866	..	-1856	..
Losses	-11304	..	-11304	..
Final consumption	*206165	..	*156543	..	46660	..	*409367	*156543
Final energy consumption	*195459	..	*156543	..	46660	..	*398661	*156543
Manufacturing, const., mining	17529	..	*46092	..	7211	..	*70832	*46092
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	*14610	..	..	..	*14610	*14610
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	17529	..	*31482	..	7211	..	*56222	*31482
Transport	*132721	..	..	..	..	..	*132721	..
Road	*132721	..	..	..	..	..	*132721	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	*45209	..	*110450	..	39449	..	*195108	*110450
Agriculture, forestry, fishing
Commerce, public services	*4635	..	*37854	..	5645	..	*48134	*37854
Households	*7042	..	*72596	..	26471	..	*106109	*72596
Other consumers	*33532	..	..	..	7333	..	*40865	..
Non-energy use	*10706	..	..	..	..	..	*10706	..

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	34437	..	123	1649	..	2834	..	39043	4483
Imports	1722	19236	..	43	..	..	..	21001	43
Exports	-18424	..	..	..	..	..	-18424	..
International marine bunkers	-2202	..	..	..	..	..	-2202	..
International aviation bunkers	*-1734	..	..	..	..	..	*-1734	..
Stock changes	-499	..	..	..	..	..	..	-499	..
Total energy supply	35660	-3124	123	1692	..	2834	..	37185	4526
Statistical difference	1374	-3488	0	0	..	16	..	-2098	2834
Transfers	-10877	10460	..	..	..	..	..	-417	..
Transformation	-21753	8358	-123	..	..	4461	..	-9056	..
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	-21753	22290	..	..	..	..	..	537	..
Other transformation	-838	..	..	..	..	..	-838	..
Energy industries own use	-1656	-5687	..	..	..	-122	..	-7465	..
Losses	-26	..	..	..	-780	..	-805	..
Final consumption	13469	..	1692	..	6378	..	21539	1692
Final energy consumption	13303	..	1692	..	6378	..	21373	1692
Manufacturing, const., mining	868	..	879	..	3063	..	4810	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	..	1192	..	2576	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	..

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
2017											
Primary production	34150	..	123	1650	..	3348	..	39271	4999
Imports	599	19604	..	43	..	..	..	20246	43
Exports	-15826	..	..	..	..	..	-15826	..
International marine bunkers	-1758	..	..	..	..	..	-1758	..
International aviation bunkers	*-1786	..	..	..	..	..	*-1786	..
Stock changes
Total energy supply	34749	233	123	1694	..	3348	..	40146	5042
Statistical difference	-363	-3705	0	0	..	122	..	-3945	3349
Transfers	-5743	5485	..	..	..	..	..	-258	..
Transformation	-27722	13978	-123	..	..	4275	..	-9592	..
Electricity plants	-13371	-123	..	..	4275	..	-9219	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-27722	28207	..	..	..	..	..	486	..
Other transformation	-858	..	..	..	..	..	-858	..
Energy industries own use	-1647	-8434	..	..	..	-336	..	-10417	..
Losses	-781	..	-781	..
Final consumption	14966	..	1694	..	6384	..	23044	1694
Final energy consumption	14766	..	1694	..	6384	..	22844	1694
Manufacturing, const., mining	885	..	880	..	3066	..	4831	880
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	*845	..	*845	..
Transport equipment
Machinery
Mining and quarrying	*1029	..	*1029	..
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction	371	..	..	..	..	..	371	..
Industries n.e.s	514	..	880	..	1193	..	2586	880
Transport	8769	..	..	..	..	..	8769	..
Road	3118	..	..	..	..	..	3118	..
Rail
Domestic aviation	*198	..	..	..	..	..	*198	..
Domestic navigation
Pipeline transport
Transport, n.e.s	5453	..	..	..	..	..	5453	..
Other	5112	..	814	..	3318	..	9244	814
Agriculture, forestry, fishing	4174	..	..	..	..	..	4174	..
Commerce, public services	345	..	17	..	1187	..	1549	17
Households	593	..	797	..	2131	..	3521	797
Other consumers
Non-energy use	*200	..	..	..	..	..	*200	..

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	..	..	..	..	472332	681491	279504	468	1439095	721630
Imports	91000	2892	830485	467381	34258	55180	..	51433	..	1532630	51614
Exports	0	-786	..	-716954	..	-10556	..	-93679	..	-821976	-10556
International marine bunkers	..	..	..	-83871	..	..	..	..	..	-83871	..
International aviation bunkers	..	..	..	-35280	..	..	..	..	..	-35280	..
Stock changes	-12433	449	362	22341	..	-622	..	..	..	10097	-622
Total energy supply	83867	2555	830847	-346383	34258	516334	681491	237258	468	2040695	762065
Statistical difference	2359	691	-1087	-829	-2	-5373	0	0	0	-4241	274131
Transfers	..	..	59508	-51719	..	..	..	..	..	7789	..
Transformation	-66933	22034	-891443	865577	-10877	*-239582	-681491	273110	193429	-536174	*-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	..	..	-891443	872487	..	..	..	..	..	-18956	..
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	..	428429	23127	*281462	..	458986	185952	1409367	*281930
Final energy consumption	14576	16245	..	341526	19128	*281462	..	458986	185952	1317874	*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	..	..	..	287290	1373	54291	..	9590	..	352544	54291
Road	..	..	..	277521	1373	54291	..	..	..	333185	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	..

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
2017											
Primary production	4713	..	..	..	..	477628	709517	298735	464	1491057	744714
Imports	80121	2696	804190	436379	39483	66139	..	42826	..	1471834	62290
Exports	..	-842	..	-762750	-185	-11470	..	-111197	..	-886444	-11453
International marine bunkers	..	..	..	-97385	-797	..	..	..	..	-98183	..
International aviation bunkers	..	..	..	-38235	..	..	..	..	..	-38235	..
Stock changes	-3768	2920	23144	64524	..	5912	..	..	..	92732	5912
Total energy supply	81065	4774	827334	-397467	38501	538209	709517	230364	464	2032761	801464
Statistical difference	1305	1674	4687	-52004	-476	2855	0	0	0	-41960	301590
Transfers	..	..	52650	-47151	..	..	..	..	..	5500	..
Transformation	-65568	18952	-875298	857162	-4762	*-251366	-709517	283640	189907	-556850	*-215421
Electricity plants	..	..	..	-170	..	..	-709517	236545	..	-473142	..
CHP plants	-11120	-9526	..	-2936	-4252	*-210328	..	55930	135248	-46984	*-177006
Heat plants	-880	-493	..	-1228	-229	*-41037	..	-8834	54659	1958	*-38415
Coke ovens	-43220	41322	..	..	..	..	..	..	..	-1897	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	-282	..	..	..	..	-282	..
Blast furnaces	-10348	-14657	..	..	..	..	..	..	..	-25005	..
NGL plants & gas blending	..	313	..	..	..	..	..	..	..	313	..
Oil refineries	..	..	-875298	861496	..	..	..	..	..	-13802	..
Other transformation	..	1992	..	..	..	..	..	..	..	1992	..
Energy industries own use	..	-4479	..	-39147	-777	-756	..	-24984	0	-70143	-756
Losses	..	-1131	..	..	..	..	..	-30906	-6813	-38850	..
Final consumption	14193	16441	..	425401	33439	283232	..	458114	183558	1414378	283696
Final energy consumption	14193	15795	..	336263	21409	283232	..	458114	183558	1312565	283696
Manufacturing, const., mining	14193	15584	..	34965	15745	174314	..	183380	21604	459786	174314
Iron and steel	1971	14168	..	8945	3302	..	..	16423	..	44810	..
Chemical and petrochemical	126	..	..	3743	4502	*608	..	16758	..	25737	*608
Non-ferrous metals	1420	..	..	1405	286	..	..	10699	..	13811	..
Non-metallic minerals	6319	505	..	2244	1972	..	..	3712	..	14752	..
Transport equipment	..	309	..	955	359	..	..	7117	..	8740	..
Machinery	..	..	..	840	660	..	..	11988	..	13488	..
Mining and quarrying	4203	399	..	4530	121	..	..	13417	..	22670	..
Food and tobacco	..	168	..	2195	3094	*1047	..	8629	..	15133	*1047
Paper, pulp and printing	154	..	..	6907	1315	*154437	..	72979	..	*235791	*154437
Wood and wood products	..	..	..	1502	4	*16998	..	6664	..	*25168	*16998
Textile and leather	..	..	..	138	82	81	..	731	..	1031	81
Construction	..	..	..	..	..	..	..	4961	..	4961	..
Industries n.e.s	0	34	..	1562	49	1143	..	9302	21604	33694	1143
Transport	..	..	..	283322	771	60905	..	8914	..	353912	60905
Road	..	..	..	273719	771	60905	..	..	..	335396	60905
Rail	..	..	..	86	..	..	..	8914	..	9000	..
Domestic aviation	..	..	..	7850	..	..	..	..	..	7850	..
Domestic navigation	..	..	..	1667	..	..	..	..	..	1667	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	211	..	17976	4893	*48013	..	265820	161954	498868	*48477
Agriculture, forestry, fishing	..	..	..	3487	252	*5782	..	4118	300	13940	*5782
Commerce, public services	..	106	..	13629	3131	*2736	..	99227	51750	170579	*2736
Households	..	105	..	860	1510	*39495	..	162475	109904	314349	*39959
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	646	..	89138	12029	..	..	..	..	101813	..

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	2469	467459	202887
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	2469	981984	207666
Statistical difference	0	0	-72	-20802	0	0	0	0	0	-20875	129838
Transfers	..	..	1720	-1720	..	..	..	..	..	0	..
Transformation	..	..	-126781	129878	-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	..	..	-126781	130484	..	..	..	..	..	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	22584	792825	46851
Final energy consumption	4369	408	..	364418	116674	56131	..	209628	22584	774212	46851
Manufacturing, const., mining	4165	408	..	14018	39691	20204	..	63940	7278	149703	10463
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	..	1547	3925	5191	..	4122	..	18899	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	3956	4309	172	..	15304	486	24227	172
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	26	26	..	2494	7671	158	..	9158	248	19780	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	..	1893	1559	5705	..	9058	2721	20935	5689
Transport	..	..	..	225630	936	3417	..	11520	..	241503	3417
Road	..	..	..	220974	598	3417	..	..	..	224989	3417
Rail	..	..	..	387	..	..	..	11520	..	11907	..
Domestic aviation	..	..	..	2823	..	..	..	..	..	2823	..
Domestic navigation	..	..	..	1446	..	..	..	..	..	1446	..
Pipeline transport	..	..	..	..	338	..	..	..	..	338	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	204	..	..	124770	76047	32510	..	134168	15306	383005	32971
Agriculture, forestry, fishing	..	..	..	0	..	821	..	3510	14	4345	835
Commerce, public services	..	..	..	34916	26932	11886	..	61978	5565	141276	10344
Households	204	..	..	81614	48758	19803	..	68681	9727	228786	21792
Other consumers	..	..	..	8240	358	..	..	..	..	8598	..
Non-energy use	..	..	..	18613	..	..	..	..	..	18613	..

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
2017											
Primary production	..	..	..	..	..	106821	221381	129269	2526	459997	201941
Imports	4229	357	121328	334499	125994	7437	..	131386	..	725230	7437
Exports	..	..	..	-15682	..	-90	..	-111406	..	-127178	-90
International marine bunkers	..	..	..	-172	..	..	..	..	..	-172	..
International aviation bunkers	..	..	..	-75411	..	..	..	..	..	-75411	..
Stock changes	27	..	127	5738	..	-107	..	..	..	5785	-107
Total energy supply	4256	357	121455	248973	125994	114061	221381	149249	2526	988251	209181
Statistical difference	25	-26	0	-4011	2	39	0	7	-2	-3965	129307
Transfers	..	..	645	-645	..	..	..	..	..	0	..
Transformation	..	..	-122100	124302	-7497	-56220	-221381	87221	22391	-173284	-32592
Electricity plants	..	..	..	-129	..	-3	-220061	73404	..	-146789	-3
CHP plants	..	..	..	-176	-5012	-55117	-1320	13860	18988	-28777	-31489
Heat plants	..	..	..	-215	-3590	..	..	-43	3403	-445	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	1105	-1100	..	..	..	5	-1100
Oil refineries	..	..	-122100	124952	..	..	..	..	..	2852	..
Other transformation	..	..	..	-129	..	..	..	..	..	-129	..
Energy industries own use	..	..	..	-6192	-126	..	..	-9562	-2	-15881	..
Losses	..	..	..	..	-272	..	..	-16409	-1860	-18541	..
Final consumption	4231	383	..	370450	118097	57803	..	210492	23057	784511	47283
Final energy consumption	4231	383	..	351233	118097	57803	..	210492	23057	765295	47283
Manufacturing, const., mining	4129	383	..	12558	40643	21427	..	64426	7378	150943	10101
Iron and steel	306	102	..	129	3743	124	..	5173	..	9577	124
Chemical and petrochemical	..	..	..	817	13072	4450	..	10976	1295	30610	..
Non-ferrous metals	..	..	..	86	1553	..	..	1674	16	3329	..
Non-metallic minerals	3772	255	..	1377	3914	6128	..	3996	..	19442	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	3655	4371	183	..	15322	482	24013	166
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	51	26	..	2193	8381	179	..	9659	358	20846	26
Paper, pulp and printing	..	..	..	301	2499	1872	..	6430	2577	13679	1331
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	..	..	..	344	711	68	..	680	..	1803	68
Construction	..	..	..	2021	788	2881	..	1858	19	7566	2881
Industries n.e.s	0	0	..	1635	1612	5542	..	8658	2631	20078	5505
Transport	..	..	..	221740	1033	5398	..	11340	..	239511	5398
Road	..	..	..	217790	566	5398	..	..	..	223753	5398
Rail	..	..	..	387	..	..	..	11340	..	11727	..
Domestic aviation	..	..	..	2117	..	..	..	..	..	2117	..
Domestic navigation	..	..	..	1446	..	..	..	..	..	1446	..
Pipeline transport	..	..	..	..	467	..	..	..	..	467	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	102	..	..	116935	76421	30978	..	134726	15679	374841	31784
Agriculture, forestry, fishing	..	..	..	..	..	801	..	3488	14	4303	815
Commerce, public services	..	..	..	33024	26282	11112	..	62017	5720	138155	9866
Households	102	..	..	76411	48173	19065	..	69221	9945	222916	21103
Other consumers	..	..	..	7500	1967	..	..	..	..	9467	..
Non-energy use	..	..	..	19217	..	..	..	..	..	19217	..

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	..

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
2017											
Primary production	44009	..	125541	234	..	2714	..	172499	2949
Imports	..	28	207820	28203	..	..	..	..	..	236051	..
Exports	-26210	..	..	..	-1955	..	-28165	..
International marine bunkers	-5716	..	..	..	..	..	-5716	..
International aviation bunkers	-265	..	..	..	..	..	-265	..
Stock changes
Total energy supply	..	28	251829	-3988	125541	234	..	760	..	374405	2949
Statistical difference	..	0	0	4571	-42	0	..	-4	..	4526	2714
Transfers
Transformation	..	-25	-251829	169453	-102736	-25	..	62917	..	-122246	-25
Electricity plants	-78996	-102736	..	..	62917	..	-118815	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces	..	-25	..	..	..	..	..	..	..	-25	..
NGL plants & gas blending	-3359	3595	..	..	..	..	..	236	..
Oil refineries	-248470	244854	..	..	..	..	..	-3616	..
Other transformation	-25	..	..	..	-25	-25
Energy industries own use	-7300	-1879	..	..	-7502	..	-16682	..
Losses	-8586	..	-8586	..
Final consumption	..	3	..	153594	20968	*209	..	47592	..	222366	*209
Final energy consumption	..	3	..	141288	7401	*209	..	47592	..	196493	*209
Manufacturing, const., mining	..	3	..	25589	7401	..	..	16006	..	48998	..
Iron and steel	..	3	..	..	..	..	..	..	..	3	..
Chemical and petrochemical	7401	..	..	..	..	7401	..
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	..	25589	0	..	..	16006	..	41594	..
Transport	70562	..	..	..	..	..	70562	..
Road	68048	..	..	..	..	..	68048	..
Rail
Domestic aviation	2514	..	..	..	..	..	2514	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	45137	..	*209	..	31586	..	76933	*209
Agriculture, forestry, fishing	7611	..	..	..	..	..	7611	..
Commerce, public services	5246	..	..	..	4946	..	10192	..
Households	28038	..	..	..	21769	..	49808	..
Other consumers	4242	..	*209	..	4871	..	9322	*209
Non-energy use	12306	13568	..	..	..	..	25873	..

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	32729	..	1058	..	106	50225	..	59846	..	143964	110072
Imports	248	..	..	40987	..	3	..	371	..	41608	3
Exports	0	..	..	*-401	..	..	..	-5139	..	-5539	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-1555	..	..	..	..	..	-1555	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	32977	..	1058	39031	106	50228	..	55079	..	178478	110075
Statistical difference	546	..	0	31	0	106	..	503	0	1186	59952
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	*-6075	..	-1058	1033	..	..	..	2189	1648	*-2263	..
Electricity plants	..	..	..	..	..	..	..	..	..	..	..
CHP plants	*-6075	..	..	..	..	..	..	2189	1648	*-2238	..
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	26356	..	..	40033	106	50122	..	46519	1648	164784	50122
Final energy consumption	26356	..	..	39269	106	50122	..	46519	1648	164020	50122
Manufacturing, const., mining	9023	..	..	..	..	..	..	17127	..	26150	..
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	292	..	292	..
Non-ferrous metals	1847	..	..	..	..	..	..	9234	..	11081	..
Non-metallic minerals	6775	..	..	..	..	..	..	..	..	6775	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	297	..	297	..
Mining and quarrying	..	..	..	..	..	..	..	..	..	..	..
Food and tobacco	175	..	..	..	..	..	..	3741	..	3916	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	..	..	..	..
Textile and leather	175	..	..	..	..	..	..	3381	..	3556	..
Construction	..	..	..	..	..	..	..	183	..	183	..
Industries n.e.s	51	..	..	..	..	..	..	0	..	51	..
Transport	75	..	..	17624	..	31	..	261	..	17991	31
Road	..	..	..	17624	..	..	..	..	..	17624	..
Rail	75	..	..	..	..	..	..	261	..	336	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	31	..	..	..	31	31
Other	17258	..	..	21645	106	50091	..	29131	1648	119879	50091
Agriculture, forestry, fishing	25	..	..	..	..	582	..	8835	..	9442	582
Commerce, public services	810	..	..	..	..	454	..	2850	..	4114	454
Households	10973	..	..	..	..	49055	..	17446	..	77474	49055
Other consumers	5450	..	..	21645	106	..	..	..	1648	28849	..
Non-energy use	..	..	..	764	..	..	..	..	..	764	..

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
2017											
Primary production	43688	..	994	..	73	*50225	..	61679	..	156659	111904
Imports	165	..	..	35331	..	*3	..	396	..	35895	*3
Exports	-118	..	..	..	..	..	..	-5116	..	-5233	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-772	..	..	..	..	..	-772	..
Stock changes	..	..	..	..	..	..	..	..	..	..	..
Total energy supply	43735	..	994	34559	73	*50228	..	56959	..	186548	111907
Statistical difference	3141	..	0	1	0	0	..	-400	0	2742	61679
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-13851	..	-994	942	..	..	..	3640	1793	-8471	..
Electricity plants	..	..	..	..	..	..	..	..	..	..	..
CHP plants	-13851	..	..	..	..	..	..	3640	1793	-8418	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-994	942	..	..	..	..	..	-52	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	..	..	..	..	..	..	..	-1071	0	-1071	..
Losses	..	..	..	..	..	..	..	*-10342	..	*-10342	..
Final consumption	26743	..	..	35499	73	*50228	..	49586	1793	163923	*50228
Final energy consumption	26743	..	..	34828	73	*50228	..	49586	1793	163252	*50228
Manufacturing, const., mining	15365	..	..	..	..	..	..	15941	..	31306	..
Iron and steel	..	..	..	..	..	..	..	..	..	..	..
Chemical and petrochemical	..	..	..	..	..	..	..	364	..	364	..
Non-ferrous metals	1052	..	..	..	..	..	..	13968	..	15020	..
Non-metallic minerals	13762	..	..	..	..	..	..	..	..	13762	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	..	..	..	..	72	..	72	..
Mining and quarrying	125	..	..	..	..	..	..	..	..	125	..
Food and tobacco	251	..	..	..	..	..	..	238	..	488	..
Paper, pulp and printing	..	..	..	..	..	..	..	..	..	..	..
Wood and wood products	..	..	..	..	..	..	..	4	..	4	..
Textile and leather	175	..	..	..	..	..	..	479	..	654	..
Construction	..	..	..	..	..	..	..	817	..	817	..
Industries n.e.s	0	..	..	..	..	..	..	0	..	0	..
Transport	..	..	..	16149	..	..	..	108	..	16257	..
Road	..	..	..	16149	..	..	..	..	..	16149	..
Rail	..	..	..	..	..	..	..	68	..	68	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	40	..	40	..
Other	11378	..	..	18679	73	*50228	..	33538	1793	115689	*50228
Agriculture, forestry, fishing	..	..	..	..	..	..	..	7603	..	7603	..
Commerce, public services	31	..	..	..	..	..	..	6408	..	6439	..
Households	11347	..	..	..	..	*50228	..	19526	..	*81102	*50228
Other consumers	..	..	..	18679	73	..	..	..	1793	20545	..
Non-energy use	..	..	..	671	..	..	..	..	..	671	..

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	..	855904	..	1059125	1177697	..	38538	317	3311865	1214354
Imports	596287	846	1855363	289289	487521	1859	..	71471	..	3302634	1859
Exports	-897	..	-67783	-468472	..	-679	..	-4986	..	-542816	-679
International marine bunkers	..	..	..	-49248	..	..	..	..	..	-49248	..
International aviation bunkers	..	..	..	-173798	..	..	..	..	..	-173798	..
Stock changes	-132123	1015	265319	-173063	..	2476	..	..	..	-36376	2476
Total energy supply	643550	1861	2908804	-575292	1546646	1181352	..	105023	317	5812261	1218010
Statistical difference	25	0	42	378	-2524	1	..	32101	0	30024	38542
Transfers	..	..	27979	-27219	..	..	..	..	..	760	..
Transformation	-394898	-524	-2904491	2852709	-948184	*-564161	..	649098	-36	-1310487	*-563581
Electricity plants	-394898	..	..	-5825	-948184	*-368103	..	649098	-36	-1067948	*-367523
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-524	..	..	..	..	..	..	..	-524	..
NGL plants & gas blending	..	..	-284471	302570	..	..	..	..	..	18098	..
Oil refineries	..	..	-2591594	2528745	..	..	..	..	..	-62849	..
Other transformation	..	..	-28426	27219	..	*-196058	..	..	..	*-197265	*-196058
Energy industries own use	..	..	..	-33705	-299629	..	..	-11880	..	-345214	..
Losses	..	..	-8249	..	..	..	..	-44010	..	-52259	..
Final consumption	248626	1337	24001	2216115	301358	*617190	..	666130	281	4075037	*615887
Final energy consumption	248626	1337	..	1361785	232207	*617190	..	666130	281	3127556	*615887
Manufacturing, const., mining	248626	1337	..	230421	137777	*405299	..	319961	..	1343420	*403715
Iron and steel	..	1337	..	18421	14668	..	..	32540	..	66966	..
Chemical and petrochemical	53	..	..	22311	31640	..	..	50972	..	104976	..
Non-ferrous metals	1002	..	..	..	..	..	..	..	..	1002	..
Non-metallic minerals	209895	..	..	15570	38716	..	..	32738	..	296919	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	16915	4795	..	..	76723	..	98433	..
Mining and quarrying	..	..	..	981	..	..	..	..	..	981	..
Food and tobacco	12894	..	..	55414	5633	*182261	..	64048	..	*320249	*182261
Paper, pulp and printing	478	..	..	8149	38026	..	..	11603	..	58255	..
Wood and wood products	..	..	..	7653	659	..	..	8381	..	16693	..
Textile and leather	64	..	..	7118	1436	..	..	32544	..	41162	..
Construction	..	..	..	5096	..	..	..	..	..	5096	..
Industries n.e.s	24240	0	..	72795	2203	*223038	..	10411	..	332687	*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	..	345488	281	717215	*144800
Agriculture, forestry, fishing	..	..	..	127165	..	..	..	961	..	128126	..
Commerce, public services	..	..	..	32211	53	..	..	161424	281	193969	281
Households	..	..	..	67497	..	*144519	..	158155	..	370171	*144519
Other consumers	..	..	..	..	..	..	..	24948	..	24948	..
Non-energy use	..	..	24001	854330	69151	..	..	..	..	947481	..

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
2017											
Primary production	171874	..	833631	..	989068	1100627	..	54644	424	3150268	1153604
Imports	615925	2482	1957559	291338	518755	2921	..	88038	..	3477017	2921
Exports	-1187	..	-72100	-512880	..	-679	..	-3982	..	-590827	-679
International marine bunkers	..	..	..	-47066	..	..	..	..	..	-47066	..
International aviation bunkers	..	..	..	-182971	..	..	..	..	..	-182971	..
Stock changes	-102088	-846	266709	-191209	..	-1834	..	..	..	-29268	-1834
Total energy supply	684525	1636	2985800	-642788	1507822	1101035	..	138701	424	5777153	1154012
Statistical difference	10	0	2341	-2095	45245	-37	..	34596	0	80059	54611
Transfers	..	..	27979	-27219	..	..	..	..	..	760	..
Transformation	-375034	-606	-2979600	2931797	-920541	*-478641	..	616921	-36	-1205739	*-477913
Electricity plants	-375034	..	..	-4316	-920541	*-337509	..	616921	-36	-1020514	*-336781
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	-606	..	..	..	..	..	..	..	-606	..
NGL plants & gas blending	..	..	-300825	319824	..	..	..	..	..	18999	..
Oil refineries	..	..	-2650391	2589069	..	..	..	..	..	-61322	..
Other transformation	..	..	-28383	27219	..	*-141132	..	..	..	*-142296	*-141132
Energy industries own use	..	..	..	-35213	-247516	..	..	-10980	..	-293709	..
Losses	..	..	-8545	..	..	..	..	-42912	..	-51457	..
Final consumption	309480	1029	23293	2228672	294521	*622431	..	667134	388	4146948	*621488
Final energy consumption	309480	1029	..	1381310	221305	*622431	..	667134	388	3203078	*621488
Manufacturing, const., mining	309480	1029	..	168584	138937	*380614	..	315986	..	1314631	*379283
Iron and steel	..	1029	..	15011	14792	..	..	32137	..	62970	..
Chemical and petrochemical	42	..	..	18760	31906	..	..	50339	..	101047	..
Non-ferrous metals	686	..	..	..	..	..	..	..	..	686	..
Non-metallic minerals	261541	..	..	11375	39043	..	..	32332	..	344290	..
Transport equipment	..	..	..	..	..	..	..	..	..	..	..
Machinery	..	..	..	12161	4835	..	..	75769	..	92765	..
Mining and quarrying	..	..	..	637	..	..	..	..	..	637	..
Food and tobacco	16222	..	..	37978	5681	*150396	..	63252	..	*273528	*150396
Paper, pulp and printing	349	..	..	5705	38345	..	..	11459	..	55858	..
Wood and wood products	..	..	..	4729	664	..	..	8276	..	13670	..
Textile and leather	42	..	..	7125	1448	..	..	32141	..	40756	..
Construction	..	..	..	4967	..	..	..	..	..	4967	..
Industries n.e.s	30597	0	..	50139	2222	*230218	..	10282	..	323458	*228887
Transport	..	..	..	998238	82270	74481	..	680	..	1155669	74481
Road	..	..	..	947191	82270	74481	..	..	..	1103941	74481
Rail	..	..	..	2924	..	..	..	680	..	3604	..
Domestic aviation	..	..	..	39911	..	..	..	..	..	39911	..
Domestic navigation	..	..	..	8213	..	..	..	..	..	8213	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	..	..	..	214488	98	*167336	..	350467	388	732778	*167724
Agriculture, forestry, fishing	..	..	..	112841	..	..	..	1073	..	113913	..
Commerce, public services	..	..	..	32826	98	..	..	163073	388	196385	388
Households	..	..	..	68822	..	*167336	..	159746	..	395904	*167336
Other consumers	..	..	..	..	..	..	..	26575	..	26575	..
Non-energy use	..	..	23293	847361	73216	..	..	..	..	943871	..

Timor-Leste

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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
2017								
Primary production	..	53679	..	813	..	..	54492	813
Imports	..	*7187	..	..	..	..	*7187	..
Exports	..	*-53679	..	..	..	..	*-53679	..
International marine bunkers
International aviation bunkers	..	*-136	..	..	..	..	*-136	..
Stock changes
Total energy supply	..	*7051	..	813	..	..	*7864	813
Statistical Difference	..	0	..	0	..	0	0	0
Transfers
Transformation	..	*-4812	..	..	..	1538	*-3274	..
Electricity plants	..	*-4812	..	..	..	1538	*-3274	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	0	0	..
Losses	*-306	*-306	..
Final consumption	..	*2239	..	*813	..	*1232	*4284	*813
Final energy consumption	..	*2239	..	*813	..	*1232	*4284	*813
Manufacturing, const., mining
Transport	..	*992	..	..	..	..	*992	..
Road	..	*992	..	..	..	..	*992	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*1247	..	*813	..	*1232	*3292	*813
Agriculture, forestry, fishing
Commerce and public services	*303	*303	..
Households	*813	..	457	*1270	*813
Other consumers	..	*1247	..	..	..	*472	*1719	..
Non-energy use

Togo

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	115866	..	749	116615	116615
Imports	..	36457	*236	..	..	1612	38305	..
Exports
International marine bunkers	..	-817	..	..	..	..	-817	..
International aviation bunkers	..	-3881	..	..	..	..	-3881	..
Stock changes
Total energy supply	..	31759	*236	115866	..	2361	150222	116615
Statistical Difference	..	-867	0	0	-177	-7	-1051	572
Transfers
Transformation	..	-5499	-236	-73866	20739	2671	-56192	-53127
Electricity plants	..	-5499	-236	-89	..	2671	-3153	-89
Charcoal plants	-73777	20739	..	-53038	-53038
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-95	-95	..
Losses	-678	-678	..
Final consumption	..	27127	..	42000	20916	4266	94308	62915
Final energy consumption	..	27006	..	42000	20916	4266	94188	62915
Manufacturing, const., mining	..	2308	..	80	..	1487	3875	80
Transport	..	21520	..	..	..	..	21520	..
Road	..	21520	..	..	..	..	21520	..
Domestic aviation
Domestic navigation
Other transport
Other	..	3178	..	41920	20916	2779	68793	62835
Agriculture, forestry, fishing
Commerce and public services	*7005	1180	569	*8754	*8185
Households	..	3178	..	34915	19736	2210	60039	54651
Other consumers
Non-energy use	..	121	..	..	..	..	121	..
2017								
Primary production	118791	..	738	119529	119529
Imports	..	36235	0	..	..	2688	38923	..
Exports
International marine bunkers	..	-860	..	..	..	..	-860	..
International aviation bunkers	..	-4013	..	..	..	..	-4013	..
Stock changes
Total energy supply	..	31362	0	118791	..	3426	153578	119529
Statistical Difference	..	-853	0	0	-207	-39	-1098	532
Transfers
Transformation	..	-3882	0	-75732	21270	1745	-56599	-54463
Electricity plants	..	-3882	0	-93	..	1745	-2230	-93
Charcoal plants	-75639	21270	..	-54370	-54370
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	-47	-47	..
Losses	-436	-436	..
Final consumption	..	28333	..	43059	21476	4727	97594	64535
Final energy consumption	..	28212	..	43059	21476	4727	97474	64535
Manufacturing, const., mining	..	2470	..	60	..	1570	4099	60
Transport	..	22477	..	..	..	..	22477	..
Road	..	22477	..	..	..	..	22477	..
Domestic aviation
Domestic navigation
Other transport
Other	..	3266	..	42999	21476	3157	70898	64475
Agriculture, forestry, fishing
Commerce and public services	*7203	1239	608	*9050	*8442
Households	..	3266	..	35796	20237	2264	61563	56033
Other consumers	284	284	..
Non-energy use	..	121	..	..	..	..	121	..

Tonga

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	..
2017								
Primary production	19	..	15	34	34
Imports	..	2337	..	0	1	..	2337	1
Exports
International marine bunkers	..	*-16	..	..	..	..	*-16	..
International aviation bunkers	..	-206	..	..	..	..	-206	..
Stock changes	..	0	..	..	..	..	0	..
Total energy supply	..	2114	..	19	1	15	2149	34
Statistical Difference	..	0	..	0	0	-2	-2	15
Transfers
Transformation	..	*-542	..	*-14	7	208	*-340	*-6
Electricity plants	..	*-542	..	..	..	208	*-334	..
Charcoal plants	*-14	7	..	*-6	*-6
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	-7	-7	..
Losses	-21	-21	..
Final consumption	..	*1572	..	*5	*8	*198	*1783	*13
Final energy consumption	..	*1571	..	*5	*8	*198	*1782	*13
Manufacturing, const., mining
Transport	..	*1474	..	..	..	..	*1474	..
Road	..	*747	..	..	..	..	*747	..
Domestic aviation	..	*4	..	..	..	..	*4	..
Domestic navigation
Other transport	..	*722	..	..	..	..	*722	..
Other	..	*97	..	*5	*8	*198	*309	*13
Agriculture, forestry, fishing
Commerce and public services	*65	*65	..
Households	..	*97	..	*5	*8	*72	*182	*13
Other consumers	*61	*61	..
Non-energy use	..	*1	..	..	..	..	*1	..

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	..	1174687	284	..	14	..	1369517	298
Imports	221144	0	..	..	..	..	..	221144	..
Exports	-61293	-247341	-521249	..	..	..	..	-829883	..
International marine bunkers	-26320	..	..	..	..	..	-26320	..
International aviation bunkers	-13627	..	..	..	..	..	-13627	..
Stock changes	-13554	..	..	..	..	..	-13554	..
Total energy supply	354383	-300842	653438	284	..	14	..	707277	298
Statistical difference	-9542	-4018	0	0	..	86	..	-13473	14
Transfers
Transformation	-363925	352936	-98425	*51	..	38549	..	-70915	*51
Electricity plants	-502	-98425	..	..	38549	..	-60378	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-39780	41367	..	..	..	..	..	1587	..
Oil refineries	-324145	312071	..	..	..	..	..	-12073	..
Other transformation	*51	..	..	..	*51	*51
Energy industries own use	-3910	-114701	..	..	-1404	..	-120015	..
Losses	-41912	..	..	-742	..	-42654	..
Final consumption	52203	398399	*233	..	36331	..	487166	*233
Final energy consumption	51720	27216	*233	..	36331	..	115501	*233
Manufacturing, const., mining	6124	24311	..	..	21964	..	52398	..
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	6124	4698	..	..	21964	..	32786	..
Transport	42315	..	..	..	..	..	42315	..
Road	37508	..	..	..	..	..	37508	..
Rail
Domestic aviation	4808	..	..	..	..	..	4808	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	3281	2905	*233	..	14368	..	20787	*233
Agriculture, forestry, fishing
Commerce, public services	301	..	..	..	3960	..	4261	..
Households	2980	2905	*233	..	10408	..	16526	*233
Other consumers
Non-energy use	482	371183	..	..	..	..	371666	..

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
2017											
Primary production	197303	..	1169559	281	..	14	..	1367158	296
Imports	192634	89	..	..	..	..	..	192723	..
Exports	-59558	-219019	-536972	..	..	..	..	-815550	..
International marine bunkers	-21490	..	..	..	..	..	-21490	..
International aviation bunkers	-9878	..	..	..	..	..	-9878	..
Stock changes	-9549	..	..	..	..	..	-9549	..
Total energy supply	330379	-259848	632587	281	..	14	..	703413	296
Statistical difference	3154	-2023	-1	0	..	-4	..	1127	14
Transfers
Transformation	-327225	314359	-91275	*51	..	39704	..	-64488	*51
Electricity plants	-462	-91275	..	..	39704	..	-52033	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-42123	43859	..	..	..	..	..	1736	..
Oil refineries	-285102	270962	..	..	..	..	..	-14141	..
Other transformation	*51	..	..	..	*51	*51
Energy industries own use	-3520	-120059	..	..	-1447	..	-125026	..
Losses	-3610	..	..	-767	..	-4377	..
Final consumption	53013	417643	*231	..	37508	..	508396	*231
Final energy consumption	52451	38057	*231	..	37508	..	128247	*231
Manufacturing, const., mining	6769	35159	..	..	22676	..	64605	..
Iron and steel	15936	..	..	..	..	15936	..
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	3984	..	..	..	..	3984	..
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	6769	15239	..	..	22676	..	44684	..
Transport	42350	..	..	..	..	..	42350	..
Road	38027	..	..	..	..	..	38027	..
Rail
Domestic aviation	4322	..	..	..	..	..	4322	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	3332	2898	*231	..	14832	..	21293	*231
Agriculture, forestry, fishing
Commerce, public services	301	..	..	..	4086	..	4387	..
Households	3031	2898	*231	..	10746	..	16906	*231
Other consumers
Non-energy use	563	379586	..	..	..	..	380149	..

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	5076	184	288	0	..	511	0	6059	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	-381	..	..	..	..	-10987	..	-11368	..
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	..

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
2017											
Primary production	87445	..	89567	45320	..	2156	5557	230045	49686
Imports	26861	173486	138009	..	..	1620	..	339975	..
Exports	-70307	-17811	..	..	..	-1739	..	-89856	..
International marine bunkers	-301	..	..	..	..	..	-301	..
International aviation bunkers	-11069	..	..	..	..	..	-11069	..
Stock changes	3342	1199	..	..	..	..	..	4540	..
Total energy supply	47340	145504	227576	45320	..	2038	5557	473334	49686
Statistical difference	2809	-3746	249	-365	..	284	0	-769	1791
Transfers	466	..	..	..	..	..	466	..
Transformation	-44014	43528	-156046	-9527	..	71965	-3347	-97440	-9527
Electricity plants	-764	-154742	..	..	70659	-3347	-88194	..
CHP plants	-1304	..	..	1305	..	1	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-5437	5818	..	..	..	..	..	381	..
Oil refineries	-38578	38474	..	..	..	..	..	-104	..
Other transformation	-9527	..	..	..	-9527	-9527
Energy industries own use	-221	-1449	-6188	..	..	-3087	0	-10945	..
Losses	-296	..	-2336	..	..	-12625	..	-15258	..
Final consumption	191794	62756	36159	..	58007	2210	350925	38369
Final energy consumption	179258	62756	36159	..	58007	2210	338390	38369
Manufacturing, const., mining	35565	35851	..	..	19400	..	90816	..
Iron and steel	376	..	..	954	..	1330	..
Chemical and petrochemical	4684	..	..	2502	..	7186	..
Non-ferrous metals
Non-metallic minerals	23335	20464	..	..	5695	..	49494	..
Transport equipment
Machinery
Mining and quarrying	276	..	..	1159	..	1436	..
Food and tobacco	3361	..	..	2797	..	6158	..
Paper, pulp and printing	2597	..	..	724	..	3320	..
Wood and wood products
Textile and leather	2229	..	..	1624	..	3853	..
Construction
Industries n.e.s	12230	1864	..	..	3946	..	18040	..
Transport	97790	9383	..	..	338	..	107512	..
Road	96883	..	..	..	..	..	96883	..
Rail	731	..	..	..	266	..	997	..
Domestic aviation	176	..	..	..	..	..	176	..
Domestic navigation
Pipeline transport	9383	..	..	72	..	9455	..
Transport, n.e.s
Other	45903	17522	36159	..	38268	2210	140062	38369
Agriculture, forestry, fishing	16555	968	..	..	4165	..	21688	..
Commerce, public services	4304	7108	495	..	16247	91	28245	586
Households	25044	9446	35663	..	17856	2119	90129	37782
Other consumers
Non-energy use	12536	..	..	..	..	..	12536	..

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	..	113907	..	12661	130418	..	301648	287239	1494706	717238
Imports	969466	15930	1108877	1028316	1597928	0	..	22788	..	4743305	0
Exports	-1477	-3775	..	-272628	-23331	..	..	-5227	..	-306437	..
International marine bunkers	..	..	..	-36288	..	..	..	..	..	-36288	..
International aviation bunkers	..	..	..	-147029	..	..	..	..	..	-147029	..
Stock changes	-29547	6768	-7305	-17579	14686	37	..	..	..	-32940	37
Total energy supply	1587275	18923	1215479	554792	1601945	130455	..	319208	287239	5715317	717274
Statistical difference	8921	-2619	34529	-9645	724	0	..	0	0	31909	318996
Transfers	..	..	114927	-112617	..	..	..	..	..	2310	..
Transformation	-1166173	56453	-1295877	1252929	-631533	-17774	..	686221	-134645	-1250397	-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	..	..	-1312509	1273256	..	..	..	..	..	-39253	..
Other transformation	..	..	..	-2889	-15926	..	..	..	..	-18815	..
Energy industries own use	-11055	-31498	..	-111589	-57013	..	..	-55818	0	-266973	..
Losses	..	..	..	..	-141	..	..	-128200	..	-128341	..
Final consumption	401127	46497	..	1593161	912534	*112681	..	821412	152594	4040006	*226436
Final energy consumption	401127	46497	..	1283241	885544	*112681	..	821412	152594	3703096	*226436
Manufacturing, const., mining	195579	45714	..	35125	358521	..	..	378947	50897	1064783	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	..	..	7160	..	15046	..
Textile and leather	16574	..	..	133	37814	..	..	57312	..	111833	..
Construction	26	..	..	5762	18879	..	..	10894	..	35561	..
Industries n.e.s	302	0	..	1617	22696	..	..	72630	50897	148142	12058
Transport	..	..	..	1101865	15639	4285	..	4162	..	1125951	4285
Road	..	..	..	1025167	2796	4285	..	..	..	1032248	4285
Rail	..	..	..	4515	..	..	..	3179	..	7694	..
Domestic aviation	..	..	..	59226	..	..	..	..	..	59226	..
Domestic navigation	..	..	..	12958	..	..	..	..	..	12958	..
Pipeline transport	..	..	..	..	12843	..	..	983	..	13826	..
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	..	..	10623	400554	*108396	..	184334	77414	843430	*185810
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	309920	26990	..	..	..	..	336910	..

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
2017											
Primary production	656564	..	113021	..	12208	126778	..	284440	333742	1526753	742513
Imports	1020487	22519	1145008	1102912	1904469	0	..	9821	..	5205216	0
Exports	-2464	-3525	..	-286889	-21742	..	..	-11894	..	-326514	..
International marine bunkers	..	..	..	-35174	..	..	..	..	..	-35174	..
International aviation bunkers	..	..	..	-152321	..	..	..	..	..	-152321	..
Stock changes	-11805	-932	-10315	-13423	-43010	-27	..	..	..	-79511	-27
Total energy supply	1662782	18062	1247714	615106	1851925	126751	..	282366	333742	6138448	742487
Statistical difference	8283	-5319	13822	5806	-9001	1	..	0	0	13593	306498
Transfers	..	..	162516	-158031	..	..	..	..	..	4485	..
Transformation	-1255223	69279	-1396408	1355920	-742136	-23302	..	785758	-177270	-1383382	-219371
Electricity plants	-1059562	-34989	..	-5236	-646696	-14866	..	753124	-234729	-1242954	-213142
CHP plants	-9750	-1334	..	-4848	-78480	-8436	..	32634	43302	-26912	-6229
Heat plants	..	..	..	..	..	..	..	..	14157	14157	..
Coke ovens	-154270	153763	..	..	..	..	..	..	..	-507	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	17712	..	..	..	..	..	..	17712	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-31642	-48161	..	..	..	..	..	..	..	-79803	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-1414120	1368939	..	..	..	..	..	-45181	..
Other transformation	..	..	..	-2936	-16960	..	..	..	..	-19895	..
Energy industries own use	-9104	-36325	..	-112917	-65617	..	..	-58133	-1	-282097	..
Losses	..	..	..	..	-139	..	..	-124772	..	-124911	..
Final consumption	390173	56335	..	1694271	1053034	*103448	..	885218	156471	4338950	216618
Final energy consumption	390173	56335	..	1504832	1036031	*103448	..	885218	156471	4132508	216618
Manufacturing, const., mining	180960	56335	..	180821	431098	..	..	408071	55652	1312937	12351
Iron and steel	16978	51367	..	740	52453	..	..	91832	..	213370	..
Chemical and petrochemical	14739	405	..	219	69802	..	..	22072	..	107237	..
Non-ferrous metals	4036	1944	..	215	15406	..	..	13511	..	35112	..
Non-metallic minerals	98790	621	..	160067	74318	..	..	51818	..	385615	..
Transport equipment	120	..	..	590	6033	..	..	..	..	6743	..
Machinery	447	81	..	318	9307	..	..	28444	..	38597	..
Mining and quarrying	1918	..	..	6635	4965	..	..	5047	..	18566	..
Food and tobacco	19485	1917	..	1239	42605	..	..	26939	..	92185	..
Paper, pulp and printing	7119	..	..	259	8496	..	..	12622	..	28495	..
Wood and wood products	316	..	..	172	6757	..	..	8374	..	15619	..
Textile and leather	17010	..	..	454	39124	..	..	61279	..	117868	..
Construction	0	..	..	3354	21059	..	..	13396	..	37809	..
Industries n.e.s	0	0	..	6558	80773	..	..	72738	55652	215721	12351
Transport	..	..	..	1149249	18249	4556	..	4655	..	1176709	4556
Road	..	..	..	1078670	2883	4556	..	..	..	1086109	4556
Rail	..	..	..	5074	..	..	..	3542	..	8616	..
Domestic aviation	..	..	..	52655	..	..	..	..	..	52655	..
Domestic navigation	..	..	..	12849	..	..	..	..	..	12849	..
Pipeline transport	..	..	..	..	15321	..	..	1112	..	16433	..
Transport, n.e.s	..	..	..	..	46	..	..	..	..	46	..
Other	209213	0	..	174762	586683	*98892	..	472493	100819	1642862	199711
Agriculture, forestry, fishing	0	..	..	125517	4066	..	..	24476	25498	179558	25498
Commerce, public services	147691	0	..	38987	116757	..	..	252713	..	556148	..
Households	61522	..	..	10259	465860	*98892	..	195304	75321	907157	*174213
Other consumers	..	..	..	..	..	..	..	..	..	..	..
Non-energy use	..	..	..	189439	17004	..	..	..	..	206442	..

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

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
2017											
Primary production	477371	..	2745059	110	..	..	..	3222539	110
Imports	295	..	..	..	295	295
Exports	-71910	-109285	-1851164	..	..	-11524	..	-2043883	..
International marine bunkers
International aviation bunkers	-20727	..	..	..	..	..	-20727	..
Stock changes
Total energy supply	405461	-130012	893894	405	..	-11524	..	1158224	405
Statistical difference	0	0	0	0	..	0	0	0	0
Transfers
Transformation	-405461	398734	-369677	..	..	81122	9846	-285435	..
Electricity plants
CHP plants	-369677	..	..	81122	9846	-278708	..
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-28951	30981	..	..	..	..	..	2030	..
Oil refineries	-376510	367752	..	..	..	..	..	-8758	..
Other transformation
Energy industries own use	-5544	-86805	..	..	-14274	0	-106623	..
Losses	-10422	..	-10422	..
Final consumption	263177	437413	405	..	44903	9846	755744	405
Final energy consumption	263177	437413	405	..	44903	9846	755744	405
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	151786	326086	405	..	27536	9846	515660	405
Agriculture, forestry, fishing	14278	..	14278	..
Commerce, public services	300343	..	..	..	..	300343	..
Households	6570	..	405	..	9439	..	16414	405
Other consumers	145216	25744	..	..	3820	9846	184625	..
Non-energy use

Turks and Caicos Islands

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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
2017								
Primary production	11	..	*7	18	18
Imports	..	*3225	..	..	..	..	*3225	..
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*3225	..	11	..	*7	*3243	18
Statistical Difference	..	0	..	0	0	0	0	7
Transfers
Transformation	..	*-2666	..	*-8	4	*850	*-1820	*-4
Electricity plants	..	*-2666	..	..	..	*850	*-1816	..
Charcoal plants	*-8	4	..	*-4	*-4
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-28	*-28	..
Losses	*-50	*-50	..
Final consumption	..	*559	..	*3	*4	778	1344	*7
Final energy consumption	..	*559	..	*3	*4	778	1344	*7
Manufacturing, const., mining
Transport	..	*559	..	..	..	..	*559	..
Road	..	*430	..	..	..	..	*430	..
Domestic aviation
Domestic navigation	..	*129	..	..	..	..	*129	..
Other transport
Other	*3	*4	778	785	*7
Agriculture, forestry, fishing
Commerce and public services	305	305	..
Households	*3	*4	473	480	*7
Other consumers
Non-energy use

Tuvalu

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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
2017								
Primary production	*13	*13	*13
Imports	..	*136	..	..	..	..	*136	..
Exports
International marine bunkers
International aviation bunkers
Stock changes
Total energy supply	..	*136	..	..	..	*13	*148	*13
Statistical Difference	..	*4	..	..	..	0	*4	*13
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	..	..	..	*31	*94	..
Final energy consumption	..	*63	..	..	..	*31	*94	..
Manufacturing, const., mining
Transport	..	*53	..	..	..	..	*53	..
Road
Domestic aviation
Domestic navigation	..	*53	..	..	..	..	*53	..
Other transport
Other	..	*10	..	..	..	*31	*41	..
Agriculture, forestry, fishing	..	*9	..	..	..	..	*9	..
Commerce and public services	*17	*17	..
Households	..	*1	..	..	..	*14	*15	..
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
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	..

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
2017											
Primary production	*612049	..	12472	..	*624521	*624521
Imports	*4	..	..	74135	..	1	..	48	..	74189	1
Exports	-1	..	-1140	..	-1141	-1
International marine bunkers
International aviation bunkers	-4498	..	..	..	..	..	-4498	..
Stock changes
Total energy supply	*4	..	..	69637	..	*612050	..	11380	..	*693071	*624522
Statistical difference	0	..	..	2678	..	0	..	-1	..	*2678	*12472
Transfers
Transformation	-2619	..	*-127159	..	1410	..	*-128368	*-127159
Electricity plants	-2619	..	*-3050	..	1410	..	-4259	*-3050
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries
Other transformation	*-124109	..	..	..	*-124109	*-124109
Energy industries own use	0	..	0	..
Losses	-2192	..	-2192	..
Final consumption	*4	..	..	*64339	..	*484891	..	10598	..	*559833	*484891
Final energy consumption	*4	..	..	*63535	..	*484891	..	10598	..	*559029	*484891
Manufacturing, const., mining	*4	..	..	11426	..	*42599	..	6449	..	*60478	*42599
Iron and steel	4893	..	4893	..
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	..	..	11426	..	*42599	..	1556	..	*55585	*42599
Transport	*46353	..	..	..	..	..	*46353	..
Road	*45063	..	..	..	..	..	*45063	..
Rail	1290	..	..	..	..	..	1290	..
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	*5757	..	*442292	..	4149	..	*452199	*442292
Agriculture, forestry, fishing	*3506	..	..	..	..	..	*3506	..
Commerce, public services	*219	..	*47100	..	1234	..	*48554	*47100
Households	*2032	..	*395192	..	2252	..	*399477	*395192
Other consumers	*662	..	*662	..
Non-energy use	*804	..	..	..	..	..	*804	..

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	966542	..	98043	..	635333	115660	880599	32818	25082	2754077	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	-27608	3717	10	-24895	67816	146	..	..	..	19185	146
Total energy supply	1330181	37756	119966	375549	1071958	99227	880599	19307	25082	3959623	132044
Statistical difference	-1273	-327	0	44281	7586	155	0	22511	12179	85112	32973
Transfers	..	..	8029	-10284	..	..	..	..	..	-2255	..
Transformation	-1241814	209392	-127226	94297	-350873	-20745	-880599	553766	422444	-1341358	-20745
Electricity plants	-679674	-3869	..	-2765	-4162	..	-874260	496195	..	-1068534	..
CHP plants	-60107	-32863	..	-22869	-137252	-596	-6339	57571	135536	-66918	-596
Heat plants	-54531	-14554	..	-38956	-209460	-13633	..	..	286908	-44226	-13633
Coke ovens	-445562	417492	..	..	..	..	..	..	..	-28069	..
Briquetting plants	-1941	2401	..	..	..	..	..	..	..	460	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	-1407	..	..	..	..	..	..	..	-1407	..
Blast furnaces	..	-173809	..	..	..	..	..	..	..	-173809	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-128936	121910	..	..	..	..	..	-7026	..
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	84057	188849	258	413163	656207	78326	..	422784	343771	2187414	78326
Final energy consumption	80041	173410	..	386349	581531	78326	..	422784	343771	2066213	78326
Manufacturing, const., mining	61617	171946	..	7657	103909	1389	..	179788	107830	634134	1389
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	26751	49	..	598	15220	9	..	8028	2409	53064	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	10	..	43	773	18	..	3161	4936	8951	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	-58	0	..	83	352	27	..	10530	1154	12088	27
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	18129	1464	..	70067	419056	75218	..	218531	235941	1038407	75218
Agriculture, forestry, fishing	2670	10	..	64382	5804	694	..	12647	10210	96416	694
Commerce, public services	5769	303	..	4701	24449	1736	..	76504	86829	200290	1736
Households	9690	1152	..	899	388804	72789	..	129301	138902	741535	72789
Other consumers	..	..	..	86	..	..	..	79	..	165	..
Non-energy use	4015	15439	258	26814	74676	..	..	..	..	121201	..

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
2017											
Primary production	570945	..	93955	..	647763	126532	930550	38408	22833	2430985	162433
Imports	505048	38938	43159	420246	471534	1447	..	180	..	1480552	1447
Exports	-15175	-5652	-3511	-13047	..	-17965	..	-18814	..	-74163	-17965
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	*-5336	..	..	..	..	..	*-5336	..
Stock changes	-15250	-1532	-2074	13452	-91282	3316	..	..	..	-93368	3316
Total energy supply	1045568	31754	131529	415316	1028016	113330	930550	19775	22833	3738670	149231
Statistical difference	1201	0	0	68410	8135	91	0	-1602	3162	79398	38500
Transfers	..	..	22720	-22776	..	..	..	..	..	-56	..
Transformation	-964215	155937	-153436	106303	-331878	-22489	-930550	517658	381954	-1240716	-22385
Electricity plants	-543555	-222	..	-2692	-5769	..	-924221	474286	..	-1002173	..
CHP plants	-52779	-41108	..	-19920	-125622	-865	-6329	43373	143151	-60099	-865
Heat plants	-18795	-20506	..	-1938	-200487	-14369	..	..	238803	-17292	-14265
Coke ovens	-344817	342370	..	..	..	..	..	..	..	-2447	..
Briquetting plants	-4269	2743	..	..	..	..	..	..	..	-1527	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	-1482	..	..	..	..	..	..	..	-1482	..
Blast furnaces	..	-140324	..	..	..	..	..	..	..	-140324	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	-153436	130853	..	..	..	..	..	-22583	..
Other transformation	..	14467	..	..	..	-7255	..	..	..	7212	-7255
Energy industries own use	-3420	-19346	-260	-2204	-40164	..	..	-56084	-43211	-164690	..
Losses	-97	-19803	-296	-47	-21023	..	..	-60433	-30185	-131885	..
Final consumption	76634	148542	258	428180	626816	90749	..	422518	328229	2121926	88346
Final energy consumption	72078	132124	..	393929	577910	90749	..	422518	328229	2017537	88346
Manufacturing, const., mining	59918	130290	..	16105	109998	1579	..	180846	140464	639200	1544
Iron and steel	31214	130202	..	2667	58538	9	..	63367	50989	336986	9
Chemical and petrochemical	97	..	..	367	5905	9	..	10393	19026	35798	9
Non-ferrous metals	4191	..	..	232	6035	..	..	5472	10829	26759	..
Non-metallic minerals	22978	78	..	204	14152	90	..	8096	2969	48567	55
Transport equipment	..	..	..	706	871	18	..	2959	2002	6557	18
Machinery	97	..	..	172	5096	82	..	14324	3801	23573	82
Mining and quarrying	219	..	..	7046	11138	27	..	33934	3524	55888	27
Food and tobacco	1072	10	..	1127	6314	146	..	14688	34286	57642	146
Paper, pulp and printing	..	..	..	43	744	18	..	3571	5801	10178	18
Wood and wood products	..	..	..	219	117	1105	..	2491	4018	7951	1105
Textile and leather	..	..	..	83	249	9	..	1267	769	2378	9
Construction	49	..	..	2990	356	37	..	3211	1122	7765	37
Industries n.e.s	0	0	..	247	484	27	..	17071	1328	19158	27
Transport	219	..	..	320658	67497	1948	..	25358	..	415681	1948
Road	..	..	..	313457	1192	1903	..	..	..	316551	1903
Rail	171	..	..	5590	..	..	..	21694	..	27454	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	1396	..	..	..	..	..	1396	..
Pipeline transport	..	..	..	215	66220	..	..	2372	..	68808	..
Transport, n.e.s	49	..	..	..	86	46	..	1292	..	1472	46
Other	11940	1835	..	57167	400415	87222	..	216313	187765	962656	84854
Agriculture, forestry, fishing	317	10	..	48718	5504	923	..	13111	9114	77696	923
Commerce, public services	3899	361	..	6041	25214	3948	..	76957	67974	184394	1580
Households	7724	1464	..	2365	369694	82351	..	126155	110674	700427	82351
Other consumers	..	..	..	43	4	..	..	90	3	140	..
Non-energy use	4557	16418	258	34251	48906	..	..	..	..	104389	..

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
2016											
Primary production	8395700	..	2145192	..	..	342	*2311	10543546	2653
Imports	77031	52	..	889095	786663	1859	..	4107	..	1758807	1859
Exports	-1	-1	-5085983	-2274324	-463569	..	..	-1822	..	-7825700	..
International marine bunkers	*-344884	..	..	..	..	..	*-344884	..
International aviation bunkers	-364676	..	..	..	..	..	-364676	..
Stock changes	*-1729	..	..	..	..	..	*-1729	..
Total energy supply	77031	52	3309717	-2096518	2468286	1859	..	2627	*2311	3765364	4512
Statistical difference	0	0	227313	-53755	-64775	0	..	15167	0	123950	1112
Transfers
Transformation	-3082405	2913832	*-1492092	..	..	466204	*-2311	-1196773	*-1541
Electricity plants	*-25791	*-1492092	..	..	466204	*-2311	*-1053991	*-1541
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	*-769876	*807897	..	..	..	..	..	*38022	..
Oil refineries	-2312529	2131726	..	..	..	..	..	-180804	..
Other transformation
Energy industries own use	*-20889	*-25671	..	..	-8611	..	*-55171	..
Losses	-34907	..	-34907	..
Final consumption	77031	*52	..	850180	*1015298	1859	..	*410144	..	*2354563	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	75757	*17	..	..	..	..	..	..	..	75774	..
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	*34	..	*57489	*996237	..	..	*50339	..	*1105373	..
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	*293883	*11517	..	..	..	..	*305400	..

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
2017											
Primary production	7583294	..	2104392	..	..	1926	2776	9692388	4702
Imports	89084	85	..	678790	627588	1829	..	1850	..	1399227	1829
Exports	-5010985	-1756810	-241108	..	..	-2221	..	-7011124	..
International marine bunkers	-621529	..	..	..	..	..	-621529	..
International aviation bunkers	-325943	..	..	..	..	..	-325943	..
Stock changes	-17639	-73518	..	..	..	..	..	-91157	..
Total energy supply	89084	85	2554670	-2099010	2490872	1829	..	1555	2776	3041860	6531
Statistical difference	0	0	-426826	81316	0	0	..	0	0	-345510	2851
Transfers
Transformation	-2981497	2978274	*-1545721	..	..	482465	-2776	-1069255	-1850
Electricity plants	-24686	*-1545721	..	..	482465	-2776	*-1090718	-1850
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-659066	689429	..	..	..	..	..	30363	..
Oil refineries	-2322430	2313531	..	..	..	..	..	-8899	..
Other transformation
Energy industries own use	-22127	-24111	..	..	-26953	..	-73191	..
Losses	-42185	..	-42185	..
Final consumption	89084	85	..	775821	921039	1829	..	414882	..	2202741	1829
Final energy consumption	89084	85	..	641501	909714	1829	..	414882	..	2057095	1829
Manufacturing, const., mining	89084	85	..	54338	909714	..	..	54256	..	1107476	..
Iron and steel
Chemical and petrochemical	1939	7418	..	..	..	..	9357	..
Non-ferrous metals
Non-metallic minerals	18105	29	..	..	..	..	..	..	..	18134	..
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	70979	56	..	52399	902296	..	..	54256	..	1079985	..
Transport	571223	..	..	..	..	..	571223	..
Road	556229	..	..	..	..	..	556229	..
Rail
Domestic aviation	14994	..	..	..	..	..	14994	..
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	15940	..	1829	..	360626	..	378396	1829
Agriculture, forestry, fishing
Commerce, public services	155408	..	155408	..
Households	15940	..	..	..	158958	..	174898	..
Other consumers	1829	..	46260	..	48089	1829
Non-energy use	134320	11326	..	..	..	..	145646	..

United Kingdom

Terajoules

	Primary 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	..	2063797	..	1502735	379862	774641	191027	2178	5018969	519265
Imports	228574	37237	1846162	1785343	1706386	*134088	..	72065	..	5809853	*134088
Exports	-11130	-623	-1447915	-1112008	-352459	-12594	..	-8183	..	-2944912	-12594
International marine bunkers	..	..	..	-112026	..	..	..	..	..	-112026	..
International aviation bunkers	..	..	..	-466448	..	..	..	..	..	-466448	..
Stock changes	139047	-3701	-155	-2028	52623	1191	..	..	..	186976	1191
Total energy supply	461220	32913	2461889	92833	2909284	502547	774641	254909	2178	7492413	641949
Statistical difference	-5535	177	-209	-12	-7015	-29	0	889	-1	-11734	190994
Transfers	..	..	253282	-255182	..	..	..	..	..	-1899	..
Transformation	-402026	20832	-2715381	2674457	-1055936	-328626	-774641	1019794	68163	-1493364	-277864
Electricity plants	-316676	-21794	..	-7914	-864379	-283124	-774641	947336	..	-1321192	*-247432
CHP plants	-421	-805	..	-14842	-101391	-32529	..	72457	..	-77531	-18186
Heat plants	-158	-49	..	-1762	-95269	*-6756	..	..	68163	-35831	*-6029
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	..	..	-101961	105407	6217	-6217	..	..	..	3446	-6217
Oil refineries	..	..	-2613419	2599182	..	..	..	..	..	-14238	..
Other transformation	..	1238	..	-2526	..	..	..	..	..	-1288	..
Energy industries own use	0	-19606	..	-161310	-186587	..	..	-83934	-13857	-465294	..
Losses	..	-4017	..	..	-23129	..	..	-95825	..	-122971	..
Final consumption	64729	29945	..	2350810	1650647	*173949	..	1094054	56485	5420620	*173092
Final energy consumption	64729	28489	..	2055732	1634094	*173949	..	1094054	56485	5107533	*173092
Manufacturing, const., mining	48685	21808	..	169725	315395	*38422	..	330898	25943	950876	*36701
Iron and steel	5786	21808	..	209	13233	..	..	10249	..	51285	..
Chemical and petrochemical	2288	..	..	4367	60757	*338	..	55602	7755	131107	*338
Non-ferrous metals	894	..	..	301	9631	..	..	15491	..	26317	..
Non-metallic minerals	21384	..	..	6864	46175	*6860	..	21665	..	102947	*6860
Transport equipment	1552	..	..	8002	21313	..	..	16834	..	47700	..
Machinery	447	..	..	..	45262	44	..	43474	..	89227	22
Mining and quarrying	..	..	..	..	..	..	..	385	..	385	..
Food and tobacco	1762	..	..	4302	59718	*884	..	38639	17	105322	*884
Paper, pulp and printing	3603	..	..	1204	14570	*17820	..	38142	..	75339	*17820
Wood and wood products	..	..	..	1524	1809	*3309	..	1904	..	8546	*3309
Textile and leather	1867	..	..	1677	9188	..	..	9497	..	22229	..
Construction	132	..	..	7335	14351	..	..	4813	..	26630	..
Industries n.e.s	8969	0	..	133941	19390	*9167	..	74203	18171	263841	*7468
Transport	395	..	..	1704865	..	39344	..	16870	..	1761473	39344
Road	..	..	..	1607110	..	39344	..	464	..	1646919	39344
Rail	395	..	..	26402	..	..	..	16405	..	43202	..
Domestic aviation	..	..	..	35104	..	..	..	..	..	35104	..
Domestic navigation	..	..	..	36249	..	..	..	..	..	36249	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	15650	6681	..	181142	1318699	*96183	..	746287	30542	2395184	*97047
Agriculture, forestry, fishing	..	..	..	18654	3713	17056	..	15923	..	55346	17056
Commerce, public services	999	..	..	49281	273596	*6507	..	341669	16985	689038	*5426
Households	14466	6681	..	101547	1008855	*72620	..	388696	13557	1606422	*74565
Other consumers	184	..	..	11660	32534	..	..	..	..	44378	..
Non-energy use	..	1456	..	295078	16553	..	..	..	..	313087	..

United Kingdom

Terajoules

	Primary coal and peat	Coal and peat products	Primary Oil	Oil Products	Natural Gas	Biofuels and waste	Nuclear	Electricity	Heat	Total energy	of which: renewables
2017											
Primary production	76232	..	2023229	..	1507960	410450	759629	242863	2212	5022574	608125
Imports	228212	29715	2037508	1712423	1682327	*125636	..	65401	..	5881222	*125636
Exports	-12409	-566	-1607185	-1056041	-388721	-16051	..	-12265	..	-3093237	-16051
International marine bunkers	..	..	..	-102429	..	..	..	..	..	-102429	..
International aviation bunkers	..	..	..	-482721	..	..	..	..	..	-482721	..
Stock changes	79190	-94	16515	-6304	38734	-519	..	..	..	127523	-519
Total energy supply	371225	29055	2470066	64928	2840300	519516	759629	295999	2212	7352932	717192
Statistical difference	-2770	135	1352	-23800	14482	3	0	1015	0	-9582	242867
Transfers	..	..	245500	-247066	..	..	..	..	..	-1566	..
Transformation	-315735	22602	-2714214	2682604	-1015802	-338559	-759629	964814	69639	-1404280	-295094
Electricity plants	-229611	-20972	..	-6040	-823720	*-282542	-759629	889430	..	-1233083	*-255388
CHP plants	-369	-734	..	-15840	-103021	-40140	..	75384	..	-84720	-24455
Heat plants	-158	-49	..	-2046	-97493	*-6964	..	..	69639	-37072	*-6338
Coke ovens	-49817	56088	..	..	-481	..	..	..	..	5791	..
Briquetting plants	-5462	5690	..	-2503	..	..	..	..	..	-2274	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	-30318	-17956	..	..	..	..	..	..	..	-48273	..
NGL plants & gas blending	..	..	-107804	111465	8913	-8913	..	..	..	3660	-8913
Oil refineries	..	..	-2606410	2599933	..	..	..	..	..	-6476	..
Other transformation	..	534	..	-2366	..	..	..	..	..	-1832	..
Energy industries own use	0	-19168	..	-174996	-184758	..	..	-83221	-14095	-476238	..
Losses	..	-4581	..	..	-21849	..	..	-94118	..	-120549	..
Final consumption	58260	27773	..	2349270	1603409	*180954	..	1082459	57756	5359881	*179231
Final energy consumption	58260	26261	..	2056766	1587353	*180954	..	1082459	57756	5049808	*179231
Manufacturing, const., mining	42745	19410	..	169518	325187	*40590	..	333572	30255	961278	*38590
Iron and steel	4881	19410	..	209	12487	..	..	9637	..	46624	..
Chemical and petrochemical	1794	..	..	4533	65867	191	..	55948	12109	140443	191
Non-ferrous metals	844	..	..	301	9848	..	..	15502	..	26495	..
Non-metallic minerals	17573	..	..	6864	46060	*6860	..	21949	..	99307	*6860
Transport equipment	1425	..	..	8217	22423	..	..	16952	..	49016	..
Machinery	422	..	..	..	47118	44	..	44687	..	92271	22
Mining and quarrying	..	..	..	..	..	..	..	115	..	115	..
Food and tobacco	2032	..	..	4343	61199	*1671	..	39575	123	108942	*1671
Paper, pulp and printing	2929	..	..	1247	14725	*18287	..	38927	..	76115	*18287
Wood and wood products	..	..	..	1567	1809	*3468	..	1886	..	8730	*3468
Textile and leather	1662	..	..	1720	9138	..	..	9673	..	22193	..
Construction	132	..	..	7722	15125	..	..	5216	..	28195	..
Industries n.e.s	9050	0	..	132795	19390	*10069	..	73505	18023	262832	*8091
Transport	396	..	..	1708294	..	38842	..	17219	..	1764751	38842
Road	..	..	..	1609046	..	38842	..	619	..	1648508	38842
Rail	396	..	..	26230	..	..	..	16600	..	43225	..
Domestic aviation	..	..	..	36339	..	..	..	..	..	36339	..
Domestic navigation	..	..	..	36679	..	..	..	..	..	36679	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	15119	6851	..	178954	1262165	*101522	..	731668	27501	2323780	*101799
Agriculture, forestry, fishing	..	..	..	18768	4142	18473	..	15613	..	56996	18473
Commerce, public services	818	..	..	49748	263003	*10767	..	336629	13929	674895	*9144
Households	14117	6851	..	98259	962394	*72282	..	379426	13572	1546900	*74182
Other consumers	185	12178	32626	44989	..
Non-energy use	..	1512	..	292505	16056	310073	..

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	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	7121	..	29121	692696	..	8582	737520	701278
Imports	..	107359	..	..	..	367	107726	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	-1091	..	..	..	..	-1091	..
International aviation bunkers	..	-5072	..	..	..	..	-5072	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	7121	101197	29121	692696	..	8950	839084	701278
Statistical Difference	0	-2515	0	0	0	4997	2481	8582
Transfers	..	..	..	..	..	..	..	..
Transformation	..	-17011	-23002	-138626	46345	19840	-112456	-92282
Electricity plants	..	-17011	-23002	-378	..	19840	-20552	-378
Charcoal plants	..	..	..	-138248	46345	..	-91904	-91904
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-65	-65	..
Losses	..	..	..	..	..	-4396	-4396	..
Final consumption	7121	86701	6119	554070	46345	19332	719687	600415
Final energy consumption	7121	84650	6119	554070	46345	19332	717637	600415
Manufacturing, const., mining	7121	3717	6119	51724	..	4889	73570	51724
Transport	..	73525	..	..	..	..	73525	..
Road	..	71276	..	..	..	..	71276	..
Domestic aviation	..	2249	..	..	..	..	2249	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	7409	..	502346	46345	14443	570542	548690
Agriculture, forestry, fishing	..	946	..	35759	..	576	37281	35759
Commerce and public services	..	..	..	..	..	4061	4061	..
Households	..	6463	..	447851	46345	9302	509961	494196
Other consumers	..	..	..	18736	..	504	19240	18736
Non-energy use	..	2050	..	..	..	..	2050	..
2017								
Primary production	14525	..	27169	705069	..	8528	755292	713598
Imports	..	105349	..	..	..	382	105731	..
Exports	..	..	..	..	..	..	..	..
International marine bunkers	..	-525	..	..	..	..	-525	..
International aviation bunkers	..	-5865	..	..	..	..	-5865	..
Stock changes	..	..	..	..	..	..	..	..
Total energy supply	14525	98959	27169	705069	..	8910	854633	713598
Statistical Difference	0	-3145	0	-1	0	3233	87	8528
Transfers	..	..	..	..	..	..	..	..
Transformation	..	-16377	-21155	-142521	47643	20192	-112217	-94878
Electricity plants	..	-16377	-21155	-384	..	20192	-17723	-384
Charcoal plants	..	..	..	-142137	47643	..	-94495	-94495
Other transformation	..	0	0	0	..	..	0	0
Energy industries own use	..	..	..	..	..	-68	-68	..
Losses	..	..	..	..	..	-4442	-4442	..
Final consumption	14525	85727	6015	562549	47643	21359	737818	610192
Final energy consumption	14525	83516	6015	562549	47643	21359	735607	610192
Manufacturing, const., mining	14525	1737	6015	52218	..	5490	79985	52218
Transport	..	74147	..	..	..	..	74147	..
Road	..	71369	..	..	..	..	71369	..
Domestic aviation	..	2778	..	..	..	..	2778	..
Domestic navigation	..	..	..	..	..	..	..	..
Other transport	..	..	..	..	..	..	..	..
Other	..	7632	..	510331	47643	15869	581474	557974
Agriculture, forestry, fishing	..	989	..	36745	..	576	38310	36745
Commerce and public services	..	..	..	..	..	4356	4356	..
Households	..	6643	..	454671	47643	10433	519389	502314
Other consumers	18915	..	504	19419	18915
Non-energy use	..	2211	2211	..

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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	14589616	..	23347149	..	26264492	4014162	9071114	1964786	803303	80054622	6585673
Imports	211996	5975	16974451	4439620	2911857	121870	..	250564	..	24916333	121870
Exports	-1450697	-26181	-1732765	-8247046	-2205479	-107965	..	-33584	..	-13803718	-107965
International marine bunkers	..	..	..	-832994	..	-6109	..	..	..	-839103	-6109
International aviation bunkers	..	..	..	-1019327	..	..	..	..	..	-1019327	..
Stock changes	982200	21793	-195183	-19054	364041	-11834	..	..	..	1141962	-11834
Total energy supply	14333114	1588	38393651	-5678802	27334912	4010123	9071114	2181766	803303	90450769	6581634
Statistical difference	-113649	0	-130371	-1114660	214997	-6632	0	0	0	-1150315	2038381
Transfers	..	..	918869	-913347	..	..	..	..	..	5523	..
Transformation	-13876548	220758	-39317379	38551844	-10508230	-848524	-9071114	13513756	-200995	-21536433	-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	..	..	207280	..	..	..	..	..	..	207280	..
Gas works	-97986	52575	..	..	..	..	..	..	..	-45411	..
Blast furnaces	-28924	-124595	..	..	..	..	..	..	..	-153519	..
NGL plants & gas blending	..	-52575	-3390069	3415165	47318	..	..	..	..	19839	..
Oil refineries	..	..	-36239661	35457004	..	..	..	..	..	-782657	..
Other transformation	..	..	105070	..	-183734	*-154187	..	..	..	-232851	*-154187
Energy industries own use	-1366	-48876	..	-1472157	-2444059	-5078	..	-1142456	-169452	-5283445	-5078
Losses	..	..	..	..	..	..	..	-845305	-60960	-906265	..
Final consumption	568850	173470	125512	31602198	14167626	*3163153	..	13707760	371896	63880464	*3228198
Final energy consumption	568850	173470	..	26882707	13385430	*3163153	..	13707760	371896	58253265	*3228198
Manufacturing, const., mining	546633	173470	..	854995	5258176	*1048281	..	2868826	219336	10969717	*1028515
Iron and steel	10486	144356	..	7585	352814	74	..	144522	8051	667888	74
Chemical and petrochemical	111505	..	..	130244	2139726	10017	..	448808	134407	2974707	1780
Non-ferrous metals	..	..	..	21375	138524	37	..	247421	4300	411657	37
Non-metallic minerals	196646	..	..	59955	259850	722	..	131148	164	648485	634
Transport equipment	54	..	..	7534	159960	101	..	158468	5304	331421	101
Machinery	2049	..	..	35935	321829	368	..	342659	3976	706816	368
Mining and quarrying	..	..	..	112977	104326	2024	..	132455	..	351782	2024
Food and tobacco	124401	..	..	22042	740383	740	..	290138	24232	1201937	440
Paper, pulp and printing	71893	..	..	6962	378786	23879	..	284177	20384	786080	14426
Wood and wood products	..	..	..	22796	51346	405	..	63673	11155	149375	405
Textile and leather	2426	..	..	..	47880	..	..	64318	6412	121036	..
Construction	..	..	..	324645	14064	5557	..	236315	..	580580	5557
Industries n.e.s	27175	29114	..	102945	548688	*1004359	..	324724	951	2037955	*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	125512	4719491	782196	5627199	..

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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
2017											
Primary production	15624436	..	24641100	..	26865788	4102804	9059699	2257214	801434	83352475	6974010
Imports	169131	1530	17170872	4431190	2947717	82447	..	236466	..	25039353	82447
Exports	-2313706	-31665	-2866694	-9202651	-3116459	-125356	..	-33736	..	-17690266	-125356
International marine bunkers	..	..	..	-978354	..	-8096	..	..	..	-986450	-8096
International aviation bunkers	..	..	..	-1026604	..	..	..	..	..	-1026604	..
Stock changes	461713	548	627088	181869	263183	4963	..	..	..	1539365	4963
Total energy supply	13941575	-29587	39572366	-6594549	26960229	4056762	9059699	2459945	801434	90227874	6927968
Statistical difference	-153632	0	-123813	-1102971	206941	-5779	0	0	-2	-1179256	2331763
Transfers	..	..	831924	-833671	..	..	..	..	..	-1747	..
Transformation	-13556342	256746	-40342657	39352254	-9829881	-847641	-9059699	13092001	-262548	-21197766	-1319782
Electricity plants	-12701486	-1808	..	-212431	-8089241	-631698	-9059699	11996611	-712876	-19412627	-1132394
CHP plants	-298970	-20270	..	-85726	-1604391	-58507	..	1095390	450328	-522146	-29952
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-430652	399111	..	..	..	..	..	..	..	-31541	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	211922	..	..	..	..	..	..	211922	..
Gas works	-98436	58012	..	..	..	..	..	..	..	-40424	..
Blast furnaces	-26797	-120287	..	..	..	..	..	..	..	-147084	..
NGL plants & gas blending	..	-58012	-3683478	3724696	52211	..	..	..	..	35416	..
Oil refineries	..	..	-36967651	35925715	..	..	..	..	..	-1041936	..
Other transformation	..	..	96551	..	-188460	*-157436	..	..	..	-249345	*-157436
Energy industries own use	-1309	-48782	..	-1352418	-2423991	-4858	..	-1215922	-151029	-5198307	-4858
Losses	..	..	..	..	..	..	..	-878803	-53893	-932696	..
Final consumption	537557	178378	185445	31674588	14499417	*3210042	..	13457221	333966	64076614	*3271566
Final energy consumption	537557	178378	..	26876669	13492710	*3210042	..	13457221	333966	58086543	*3271566
Manufacturing, const., mining	517869	178378	..	779557	5218504	*1078344	..	2802370	193909	10768931	*1060619
Iron and steel	10448	149183	..	9012	352939	147	..	195865	7118	724712	147
Chemical and petrochemical	79378	..	..	78110	2203214	10451	..	521748	118825	3011726	2731
Non-ferrous metals	..	..	..	7441	127543	37	..	135526	3802	274348	37
Non-metallic minerals	208540	..	..	70615	256856	1019	..	79142	145	616318	919
Transport equipment	81	..	..	9787	156535	110	..	149526	4689	320729	110
Machinery	1624	..	..	27776	310138	405	..	336233	3515	679691	405
Mining and quarrying	..	..	..	120122	73553	3570	..	162526	..	359771	3570
Food and tobacco	124107	..	..	17846	718172	599	..	286099	21423	1168246	484
Paper, pulp and printing	55588	..	..	8335	383108	21770	..	291082	18021	777904	13721
Wood and wood products	..	..	..	18796	48729	515	..	62953	9862	140855	515
Textile and leather	2436	..	..	..	46861	..	..	51520	5668	106485	..
Construction	..	..	..	350144	12837	11482	..	180868	..	555330	11482
Industries n.e.s	35666	29195	..	61574	528019	*1028239	..	349283	841	2032818	*1026498
Transport	..	..	..	24421824	757679	1340938	..	39920	..	26560362	1340938
Road	..	..	..	21189860	47868	1319300	..	14209	..	22571237	1319300
Rail	..	..	..	481043	..	17112	..	25711	..	523866	17112
Domestic aviation	..	..	..	2415891	..	..	..	..	..	2415891	..
Domestic navigation	..	..	..	335031	..	4526	..	..	..	339557	4526
Pipeline transport	..	..	..	..	709811	..	..	..	..	709811	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	19688	..	..	1675288	7516526	*790760	..	10614931	140057	20757250	*870009
Agriculture, forestry, fishing	..	..	..	588571	63091	12651	..	169675	..	833989	12651
Commerce, public services	19688	..	..	478133	3112742	34196	..	4862002	122062	8628822	95450
Households	..	..	..	608584	4340694	*576198	..	4945270	17995	10488740	*594193
Other consumers	..	..	..	..	..	*167714	..	637985	..	805699	*167714
Non-energy use	..	..	185445	4797919	1006707	..	..	..	..	5990071	..

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	91118	..	39559	..	130677	130677
Imports	182	8	84008	9508	1954	91	..	88	..	95840	91
Exports	-8	..	..	..	-2805	..	-2813	..
International marine bunkers	-5599	..	..	..	..	..	-5599	..
International aviation bunkers	-4216	..	..	..	..	..	-4216	..
Stock changes	2475	762	..	162	..	..	..	3399	162
Total energy supply	182	8	86482	448	1954	91372	..	36842	..	217288	130931
Statistical difference	0	0	0	-1691	3	79	..	-359	..	-1968	39638
Transfers
Transformation	-86423	83369	0	-12330	..	10430	..	-4955	-12330
Electricity plants	-5257	0	-12330	..	10430	..	-7157	-12330
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-86423	88626	..	..	..	..	..	2203	..
Other transformation
Energy industries own use	-6742	-127	..	..	-1835	..	-8704	..
Losses	-59	-866	-25	-24	..	-5791	..	-6765	-24
Final consumption	182	9	..	77900	1799	78939	..	40005	..	198833	78939
Final energy consumption	..	9	..	74589	1799	78939	..	40005	..	195340	78939
Manufacturing, const., mining	..	9	..	10405	441	58621	..	12180	..	81656	58621
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	317	..	..	..	..	..	317	..
Paper, pulp and printing	71	..	41621	..	..	..	41692	41621
Wood and wood products	24	..	..	..	..	..	24	..
Textile and leather	0	..	..	..	..	..	0	..
Construction
Industries n.e.s	..	9	..	9994	441	17000	..	12180	..	39624	17000
Transport	50702	..	3446	..	..	..	54149	3446
Road	50013	..	3446	..	..	..	53460	3446
Rail	100	..	..	..	..	..	100	..
Domestic aviation	181	..	..	..	..	..	181	..
Domestic navigation	408	..	..	..	..	..	408	..
Pipeline transport
Transport, n.e.s
Other	13482	1358	16871	..	27824	..	59535	16871
Agriculture, forestry, fishing	6510	..	1692	..	1070	..	9271	1692
Commerce, public services	900	413	..	..	10763	..	12077	..
Households	6072	944	14111	..	15992	..	37119	14111
Other consumers	1068	..	..	..	1068	1068
Non-energy use	182	..	..	3311	..	..	..	..	..	3493	..

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
2017											
Primary production	94756	..	41457	..	136214	136214
Imports	173	0	22275	65120	2206	91	..	10	..	89876	91
Exports	-56	..	..	..	-5262	..	-5318	..
International marine bunkers	-4370	..	..	..	..	..	-4370	..
International aviation bunkers	-4300	..	..	..	..	..	-4300	..
Stock changes	2551	2661	..	174	..	..	..	5386	174
Total energy supply	173	0	24826	59056	2206	95022	..	36206	..	217488	136479
Statistical difference	0	0	0	-1405	-15	140	..	-175	..	-1455	41597
Transfers
Transformation	-24758	21854	-328	-12793	..	10091	..	-5934	-12793
Electricity plants	-2264	-328	-12793	..	10091	..	-5294	-12793
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-24758	24119	..	..	..	..	..	-640	..
Other transformation
Energy industries own use	-2051	-106	..	..	-1257	..	-3413	..
Losses	-68	-607	-15	-18	..	-6098	..	-6806	-18
Final consumption	173	0	..	79658	1772	82071	..	39116	..	202790	82071
Final energy consumption	..	0	..	75680	1772	82071	..	39116	..	198639	82071
Manufacturing, const., mining	..	0	..	9485	603	62007	..	12201	..	84297	62007
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	307	..	..	..	..	..	307	..
Paper, pulp and printing	118	..	43516	..	..	..	43635	43516
Wood and wood products	28	..	..	..	..	..	28	..
Textile and leather	0	..	..	..	..	..	0	..
Construction
Industries n.e.s	..	0	..	9031	603	18491	..	12201	..	40326	18491
Transport	53355	..	3193	..	..	..	56548	3193
Road	52666	..	3193	..	..	..	55859	3193
Rail	100	..	..	..	..	..	100	..
Domestic aviation	186	..	..	..	..	..	186	..
Domestic navigation	404	..	..	..	..	..	404	..
Pipeline transport
Transport, n.e.s
Other	12840	1169	16871	..	26915	..	57795	16871
Agriculture, forestry, fishing	6700	..	1692	..	1069	..	9460	1692
Commerce, public services	786	430	..	..	10530	..	11746	..
Households	5355	739	14111	..	15315	..	35521	14111
Other consumers	1068	..	..	..	1068	1068
Non-energy use	173	..	..	3978	..	..	..	..	..	4150	..

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	57299	..	119712	..	1971296	*1763	..	26379	..	2176449	28141
Imports	13079	657	4031	30661	2902	..	..	0	..	51330	..
Exports	0	0	..	-5723	-410446	-1544	..	-5556	..	-423269	-1544
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	*-2205	..	..	..	..	..	*-2205	..
Stock changes	-3165	..	..	..	..	..	..	..	..	-3165	..
Total energy supply	67212	657	123743	22733	1563752	*219	..	20822	..	1799139	26598
Statistical difference	8	657	-14	1856	0	0	..	918	0	3425	26379
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	*-45501	..	*-120711	116467	*-583788	..	..	187165	119947	*-326420	..
Electricity plants	*-24384	..	..	-768	*-403480	..	..	181935	..	*-246697	..
CHP plants	*-21043	..	..	-1050	*-115883	..	..	5231	*77947	*-54799	..
Heat plants	-73	..	..	-2101	-64425	..	..	..	*42000	-24599	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	*-120711	120386	..	..	..	..	..	*-325	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	-103	..	-212	-4032	*-55586	..	..	-609	0	*-60541	..
Losses	-31	..	-1100	..	*-52145	..	..	-32769	..	*-86045	..
Final consumption	21570	..	1734	*133313	*872234	*219	..	*173692	119947	*1322709	*219
Final energy consumption	21570	..	..	*127564	*820130	*219	..	*173692	119947	*1263121	*219
Manufacturing, const., mining	2828	..	..	5847	*207092	..	..	77028	..	*292795	..
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	..	..	..	1299	..	6032	..
Industries n.e.s	2828	..	..	597	*207092	..	..	75729	..	*286246	..
Transport	7488	..	..	*58812	*45513	..	..	4197	..	*116010	..
Road	..	..	..	*54583	*2011	..	..	..	..	*56594	..
Rail	..	..	..	1935	..	..	..	2146	..	4081	..
Domestic aviation	..	..	..	*2294	..	..	..	..	..	*2294	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	*43502	..	..	2051	..	*45554	..
Transport, n.e.s	7488	..	..	..	..	..	..	..	..	7488	..
Other	11254	..	..	*62905	*567525	*219	..	*92467	119947	*854317	*219
Agriculture, forestry, fishing	191	..	..	17919	*5010	..	..	*39810	..	*62930	..
Commerce, public services	..	..	..	..	*93758	..	..	*12352	..	*106110	..
Households	703	..	..	3248	*468756	..	..	40304	..	*513012	..
Other consumers	10360	..	..	*41739	..	*219	..	..	119947	172265	*219
Non-energy use	..	..	1734	*5749	*52105	..	..	..	..	*59588	..

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
2017											
Primary production	59667	..	125059	..	1989211	*924	..	30341	..	2205201	31265
Imports	13467	638	1008	26680	0	1143	..	4115	..	47051	1143
Exports	0	-2	..	-5197	-359359	-1847	..	-6650	..	-373056	-1847
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	*-2205	..	..	..	..	..	*-2205	..
Stock changes	3098	..	..	..	..	..	..	..	..	3098	..
Total energy supply	76232	637	126067	19278	1629851	219	..	27806	..	1880089	30560
Statistical difference	-78	637	*-8	-860	1	0	..	1	0	-308	30341
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	*-55758	..	*-122479	114587	*-608464	..	..	189395	114775	*-367945	..
Electricity plants	*-29880	..	..	*-768	*-428084	..	..	184114	..	*-274617	..
CHP plants	*-25806	..	..	*-1050	*-103303	..	..	5281	*72775	*-52103	..
Heat plants	*-73	..	..	*-2101	-77077	..	..	..	*42000	-37251	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	*-122479	118506	..	..	..	..	..	*-3973	..
Other transformation	..	..	..	..	..	..	..	..	..	..	..
Energy industries own use	*-103	..	*-212	*-4180	*-57935	..	..	-550	-203	*-63182	..
Losses	-29	..	*-1269	..	*-54349	..	..	-35391	..	*-91039	..
Final consumption	*20420	..	*2115	*130544	*909103	*219	..	*181259	114572	*1358232	*219
Final energy consumption	*20420	..	..	*120615	*854796	*219	..	*181259	114572	*1291880	*219
Manufacturing, const., mining	*2931	..	..	*6151	*215845	..	..	81444	..	*306371	..
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	..	..	..	*5005	..	..	..	1170	..	*6175	..
Industries n.e.s	*2931	..	..	*629	*215845	..	..	80274	..	*299679	..
Transport	6352	..	..	*57192	*47436	..	..	4400	..	*115380	..
Road	..	..	..	*53179	*2095	..	..	..	..	*55274	..
Rail	..	..	..	*1720	..	..	..	2397	..	4117	..
Domestic aviation	..	..	..	*2294	..	..	..	..	..	*2294	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	*45341	..	..	2003	..	*47344	..
Transport, n.e.s	6352	..	..	..	..	..	..	..	..	6352	..
Other	*11137	..	..	*57272	*591514	*219	..	*95415	114572	*870130	*219
Agriculture, forestry, fishing	*147	..	..	*16842	*5222	..	..	*37056	..	*59267	..
Commerce, public services	..	..	..	..	*97722	..	..	*12352	..	*110074	..
Households	*733	..	..	*3248	*488570	..	..	46007	..	*538558	..
Other consumers	*10258	..	..	*37182	..	*219	..	..	114572	162231	*219
Non-energy use	..	..	*2115	*9929	*54307	..	..	..	..	*66351	..

Vanuatu

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
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	..
2017								
Primary production	859	..	*54	913	913
Imports	..	2524	..	..	..	..	2524	..
Exports	-5	..	..	-5	-5
International marine bunkers	..	*-202	..	..	..	..	*-202	..
International aviation bunkers	..	*-287	..	..	..	..	*-287	..
Stock changes
Total energy supply	..	2035	..	853	..	*54	2943	907
Statistical Difference	..	0	..	0	0	0	0	54
Transfers
Transformation	..	*-559	..	*61	19	*209	*-393	*-43
Electricity plants	..	*-559	..	*27	..	*209	*-378	*-27
Charcoal plants	*-34	19	..	*-15	*-15
Other transformation	..	0	..	0	..	..	0	0
Energy industries own use	*-5	*-5	..
Losses	*-13	*-13	..
Final consumption	..	*1476	..	*792	*19	245	*2532	*810
Final energy consumption	..	*1388	..	*792	*19	245	*2443	*810
Manufacturing, const., mining
Transport	..	*1326	..	..	..	..	*1326	..
Road	..	*1208	..	..	..	..	*1208	..
Domestic aviation
Domestic navigation	..	*119	..	..	..	..	*119	..
Other transport
Other	..	*61	..	*792	*19	245	*1117	*810
Agriculture, forestry, fishing
Commerce and public services
Households	..	*61	..	*792	*19	245	*1117	*810
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
2016											
Primary production	22892	..	5569822	..	892022	35756	..	227019	..	6747513	262776
Imports	56459	0	..	..	0	..	56459	..
Exports	-17727	..	-3794944	-642311	..	..	..	-3986	..	-4458969	..
International marine bunkers	-28818	..	..	..	..	..	-28818	..
International aviation bunkers	-20595	..	..	..	..	..	-20595	..
Stock changes	1648	..	..	..	..	..	1648	..
Total energy supply	5165	..	1774878	-633616	892022	35756	..	223033	..	2297238	262776
Statistical difference	0	..	0	-32898	69042	1	..	-3584	..	32561	227020
Transfers
Transformation	-1774878	1505848	-293872	*-180	..	198250	..	-364830	*-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	-1663847	1608917	..	..	..	..	..	-54930	..
Other transformation	*-180	..	..	..	*-180	*-180
Energy industries own use	-117813	-270170	..	..	-10502	..	-398485	..
Losses	-120755	..	-120755	..
Final consumption	5165	..	..	787318	258939	*35576	..	293610	..	1380608	*35576
Final energy consumption	5165	..	..	757208	258939	*35576	..	293610	..	1350498	*35576
Manufacturing, const., mining	5165	..	..	173454	215237	*24729	..	84499	..	503085	*24729
Iron and steel	75432	..	..	3737	..	79169	..
Chemical and petrochemical	77619	66613	..	..	10008	..	154240	..
Non-ferrous metals	10369	..	..	25225	..	35594	..
Non-metallic minerals	5165	..	..	1818	16329	..	..	..	..	23312	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	*16422	..	..	..	*16422	*16422
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	94017	46495	*8307	..	45529	..	194348	*8307
Transport	537842	299	..	..	0	..	538141	..
Road	537842	..	..	..	..	..	537842	..
Rail	0	..	0	..
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	30110	..	..	..	..	..	30110	..

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
2017											
Primary production	23595	..	4890305	..	874967	32510	..	233819	..	6055197	266329
Imports	58179	0	..	..	0	..	58179	..
Exports	-18277	..	-3466908	-520966	..	..	..	-4104	..	-4010255	..
International marine bunkers	-24795	..	..	..	..	..	-24795	..
International aviation bunkers	-15259	..	..	..	..	..	-15259	..
Stock changes	1407	..	..	..	..	..	1407	..
Total energy supply	5318	..	1423397	-501433	874967	32510	..	229715	..	2064474	266329
Statistical difference	0	..	0	-44448	41109	0	..	13139	..	9801	233819
Transfers
Transformation	-1423397	1209119	-302687	*-192	..	*203276	..	-313881	*-192
Electricity plants	-175731	-302687	..	..	*203276	..	-275142	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-90433	96776	..	..	..	..	..	6343	..
Oil refineries	-1332964	1288074	..	..	..	..	..	-44890	..
Other transformation	*-192	..	..	..	*-192	*-192
Energy industries own use	-94134	-265004	..	..	-7874	..	-367012	..
Losses	-119635	..	-119635	..
Final consumption	5318	..	..	657999	266167	*32319	..	*292342	..	1254145	*32319
Final energy consumption	5318	..	..	632110	266167	*32319	..	*292342	..	1228256	*32319
Manufacturing, const., mining	5318	..	..	141573	221695	*21152	..	81356	..	471095	*21152
Iron and steel	77694	..	..	2999	..	80693	..
Chemical and petrochemical	63051	68612	..	..	9439	..	141102	..
Non-ferrous metals	10680	..	..	23792	..	34473	..
Non-metallic minerals	5318	..	..	1576	16819	..	..	..	..	23713	..
Transport equipment
Machinery
Mining and quarrying
Food and tobacco	*14123	..	..	..	*14123	*14123
Paper, pulp and printing
Wood and wood products
Textile and leather
Construction
Industries n.e.s	0	..	..	76947	47890	*7029	..	45126	..	176992	*7029
Transport	453221	293	..	..	0	..	453514	..
Road	453221	..	..	..	..	..	453221	..
Rail	0	..	0	..
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s	293	..	..	..	..	293	..
Other	37316	44178	*11167	..	*210986	..	*303647	*11167
Agriculture, forestry, fishing	1881	..	1881	..
Commerce, public services	9933	10532	*2085	..	80860	..	103409	*2085
Households	27383	33647	*9082	..	*128245	..	*198356	*9082
Other consumers
Non-energy use	25889	..	..	..	..	..	25889	..

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	908181	..	687911	..	372612	689788	..	235472	..	2893964	925260
Imports	26734	5696	18401	650456	..	..	..	11927	..	713214	..
Exports	-18804	-5161	-289670	-115800	..	..	..	-7974	..	-437408	..
International marine bunkers	..	..	..	-8363	..	..	..	..	..	-8363	..
International aviation bunkers	..	..	..	-61608	..	..	..	..	..	-61608	..
Stock changes	-15638	..	*-45980	-4603	..	..	..	..	..	*-66222	..
Total energy supply	900473	536	370661	460082	372612	689788	..	239425	..	3033577	925260
Statistical difference	2673	0	0	-15016	-24557	33	..	14252	..	-22615	235505
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-614098	..	-347396	322439	-330222	-40355	..	418478	..	-591153	-40355
Electricity plants	-614098	..	..	-15518	-330222	-679	..	418478	..	-542038	-679
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-44951	46745	..	..	..	..	..	1794	..
Oil refineries	..	..	-302445	291211	..	..	..	..	..	-11234	..
Other transformation	..	..	..	..	..	-39676	..	..	..	-39676	-39676
Energy industries own use	..	..	*-23265	..	..	..	..	-18968	..	*-42233	..
Losses	..	..	..	..	..	..	..	*-49435	..	*-49435	..
Final consumption	283702	536	..	797537	66947	649400	..	575248	..	2373370	649400
Final energy consumption	283702	536	..	725659	66947	649400	..	575248	..	2301492	649400
Manufacturing, const., mining	195194	536	..	123332	66947	148407	..	308470	..	842885	148407
Iron and steel	..	..	..	6659	2692	..	..	..	..	9351	..
Chemical and petrochemical	10176	..	..	6460	27390	..	..	..	..	44025	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	4120	..	..	..	..	..	4120	..
Transport equipment	..	..	..	2215	..	..	..	..	..	2215	..
Machinery	..	..	..	2791	..	..	..	..	..	2791	..
Mining and quarrying	..	..	..	1551	..	..	..	..	..	1551	..
Food and tobacco	..	..	..	1902	3228	..	..	..	..	5130	..
Paper, pulp and printing	..	..	..	1042	1488	..	..	..	..	2530	..
Wood and wood products	..	..	..	4076	..	..	..	..	..	4076	..
Textile and leather	..	..	..	4846	1108	..	..	..	..	5954	..
Construction	..	..	..	6158	..	..	..	..	..	6158	..
Industries n.e.s	185018	536	..	81514	31041	148407	..	308470	..	754985	148407
Transport	..	..	..	476845	..	..	..	..	..	476845	..
Road	..	..	..	459397	..	..	..	..	..	459397	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	15347	..	..	..	..	..	15347	..
Domestic navigation	..	..	..	2101	..	..	..	..	..	2101	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	*88509	..	..	125482	..	500994	..	266778	..	981763	500994
Agriculture, forestry, fishing	*1079	..	..	19631	..	..	..	13010	..	33720	..
Commerce, public services	*20304	..	..	57121	..	132	..	31417	..	108974	132
Households	*67126	..	..	48731	..	500862	..	197971	..	814689	500862
Other consumers	..	..	..	..	..	..	..	24379	..	24379	..
Non-energy use	..	..	..	71878	..	..	..	..	..	71878	..

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
2017											
Primary production	900537	..	618413	..	327051	644723	..	320922	..	2811646	965645
Imports	2292	6091	49956	637046	..	..	..	8467	..	703853	..
Exports	-35661	-5499	-287894	-70463	..	..	..	-6570	..	-406087	..
International marine bunkers	..	..	..	-8646	..	..	..	..	..	-8646	..
International aviation bunkers	..	..	..	-37926	..	..	..	..	..	-37926	..
Stock changes	-9636	..	-77071	3914	..	..	..	..	..	-82793	..
Total energy supply	857532	592	303404	523926	327051	644723	..	322819	..	2980047	965645
Statistical difference	-21629	28	-21911	-3993	0	-1	..	18382	..	-29124	320921
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-561954	..	-304166	307016	-283363	-44439	..	393674	..	-493231	-44439
Electricity plants	*-561954	..	..	-7324	-283363	-1319	..	393674	..	-460285	-1319
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	..	..	..	..	..	..	..	..	..	..	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	-44951	51793	..	..	..	..	..	6841	..
Oil refineries	..	..	-259214	262547	..	..	..	..	..	3333	..
Other transformation	..	..	..	..	..	-43120	..	..	..	-43120	-43120
Energy industries own use	..	..	*-21150	..	..	..	..	-19426	..	*-40576	..
Losses	..	..	..	..	..	..	..	-49936	..	-49936	..
Final consumption	317207	564	..	834935	43688	600285	..	628751	..	2425429	600285
Final energy consumption	317207	564	..	813187	43688	600285	..	628751	..	2403681	600285
Manufacturing, const., mining	225064	564	..	163286	43512	182270	..	344848	..	959543	182270
Iron and steel	..	..	..	9868	..	..	..	..	..	9868	..
Chemical and petrochemical	22672	..	..	8823	38826	..	..	..	..	70321	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	..	..	..	4989	4686	..	..	..	..	9676	..
Transport equipment	..	..	..	2223	..	..	..	..	..	2223	..
Machinery	..	..	..	5770	..	..	..	..	..	5770	..
Mining and quarrying	..	..	..	7773	..	..	..	..	..	7773	..
Food and tobacco	..	..	..	6184	..	..	..	..	..	6184	..
Paper, pulp and printing	..	..	..	1201	..	..	..	..	..	1201	..
Wood and wood products	..	..	..	4389	..	..	..	..	..	4389	..
Textile and leather	..	..	..	6712	..	..	..	..	..	6712	..
Construction	..	..	..	6576	..	..	..	..	..	6576	..
Industries n.e.s	202392	564	..	98778	0	182270	..	344848	..	828851	182270
Transport	..	..	..	535720	176	..	..	..	..	535896	..
Road	..	..	..	502448	..	..	..	..	..	502448	..
Rail	..	..	..	..	..	..	..	..	..	..	..
Domestic aviation	..	..	..	31091	..	..	..	..	..	31091	..
Domestic navigation	..	..	..	2182	..	..	..	..	..	2182	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	176	..	..	..	..	176	..
Other	*92143	..	..	114181	..	418015	..	283903	..	908242	418015
Agriculture, forestry, fishing	*21148	..	..	18435	..	*13055	..	15689	..	*68327	*13055
Commerce, public services	*492	..	..	50441	..	*133	..	34470	..	85536	*133
Households	*70502	..	..	45305	..	404827	..	207508	..	728142	404827
Other consumers	..	..	..	..	..	..	..	26237	..	26237	..
Non-energy use	..	..	..	21748	..	..	..	..	..	21748	..

Wallis and Futuna Is.

Terajoules

	All Coal	All Oil	Natural Gas	Primary biofuels / Waste	Charcoal	Electricity	Total energy	of which: renewables
2016								
Primary production	*2	*2	*2
Imports	..	402	..	..	..	..	402	..
Exports
International marine bunkers
International aviation bunkers	..	-48	..	..	..	..	-48	..
Stock changes
Total energy supply	..	354	..	..	..	*2	356	*2
Statistical Difference	..	0	..	..	..	0	0	*2
Transfers
Transformation	..	*-187	..	..	..	*71	*-117	..
Electricity plants	..	*-187	..	..	..	*71	*-117	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	*9	*9	..
Losses	*2	*-2	..
Final consumption	..	*167	..	..	..	*61	*228	..
Final energy consumption	..	*167	..	..	..	*61	*228	..
Manufacturing, const., mining
Transport	..	*112	..	..	..	..	*112	..
Road	..	*112	..	..	..	..	*112	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*55	..	..	..	*61	*117	..
Agriculture, forestry, fishing
Commerce and public services
Households	*36	*36	..
Other consumers	..	*55	..	..	..	*26	*81	..
Non-energy use
2017								
Primary production	*2	*2	*2
Imports	..	*393	..	..	..	..	*393	..
Exports
International marine bunkers
International aviation bunkers	..	-46	..	..	..	..	-46	..
Stock changes
Total energy supply	..	*348	..	..	..	*2	*350	*2
Statistical Difference	..	0	..	..	..	0	0	*2
Transfers
Transformation	..	*-183	..	..	..	*69	*-114	..
Electricity plants	..	*-183	..	..	..	*69	*-114	..
Charcoal plants
Other transformation	..	0	..	..	..	..	0	..
Energy industries own use	*9	*-9	..
Losses	*-1	*-1	..
Final consumption	..	*165	..	..	..	*61	*226	..
Final energy consumption	..	*165	..	..	..	*61	*226	..
Manufacturing, const., mining
Transport	..	*110	..	..	..	..	*110	..
Road	..	*110	..	..	..	..	*110	..
Domestic aviation
Domestic navigation
Other transport
Other	..	*55	..	..	..	*61	*115	..
Agriculture, forestry, fishing
Commerce and public services
Households	*35	*35	..
Other consumers	..	*55	..	..	..	*25	*80	..
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
2016											
Primary production	40873	..	18041	4999	..	1976	..	65889	6975
Imports	3483	..	..	89352	..	..	..	..	..	92835	..
Exports	0	*-8625	..	..	..	..	..	*-8625	..
International marine bunkers	-4706	..	..	..	..	..	-4706	..
International aviation bunkers	-265	..	..	..	..	..	-265	..
Stock changes
Total energy supply	3483	..	40873	75757	18041	4999	..	1976	..	145129	6975
Statistical difference	0	..	0	1178	0	0	..	-2610	..	-1432	1976
Transfers
Transformation	-39816	6025	-18041	-2610	..	16603	..	-37838	-2610
Electricity plants	-31846	-18041	..	..	16603	..	-33283	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	-4199	*4494	..	..	..	..	..	*295	..
Oil refineries	-35617	33377	..	..	..	..	..	-2240	..
Other transformation	-2610	..	..	..	-2610	-2610
Energy industries own use	-1058	-609	..	..	..	-2596	..	-4262	..
Losses	-4241	..	-4241	..
Final consumption	3483	..	..	79995	..	2390	..	14353	..	100220	2390
Final energy consumption	3483	..	..	79753	..	2390	..	14353	..	99979	2390
Manufacturing, const., mining	3483	..	..	9503	..	..	..	349	..	13335	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	3483	..	..	..	..	..	..	..	..	3483	..
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	..	..	9503	..	..	..	349	..	9852	..
Transport	38353	..	..	..	..	..	38353	..
Road	38353	..	..	..	..	..	38353	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	31897	..	2390	..	14004	..	48291	2390
Agriculture, forestry, fishing	1462	..	..	..	..	..	1462	..
Commerce, public services	3135	..	..	..	1620	..	4755	..
Households	27301	..	..	..	11243	..	38544	..
Other consumers	2390	..	1141	..	3531	2390
Non-energy use	241	..	..	..	..	..	241	..

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
2017											
Primary production	47476	..	21648	5120	..	2635	..	76879	7755
Imports	3277	..	..	76419	..	..	..	..	..	79695	..
Exports	*-10225	..	..	..	..	..	*-10225	..
International marine bunkers	-4415	..	..	..	..	..	-4415	..
International aviation bunkers	-265	..	..	..	..	..	-265	..
Stock changes
Total energy supply	3277	..	47476	61514	21648	5120	..	2635	..	141669	7755
Statistical difference	0	..	0	-3	0	0	..	-2282	..	-2285	2635
Transfers
Transformation	-46249	12846	-21648	-2672	..	16502	..	-41220	-2672
Electricity plants	-28222	-21648	..	..	16502	..	-33367	..
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending	*-4287	*4588	..	..	..	..	..	*301	..
Oil refineries	-41962	36479	..	..	..	..	..	-5482	..
Other transformation	-2672	..	..	..	-2672	-2672
Energy industries own use	-1227	-732	..	..	..	-2585	..	-4544	..
Losses	-4223	..	-4223	..
Final consumption	3277	..	..	73630	..	2449	..	14612	..	93967	2449
Final energy consumption	3277	..	..	73348	..	2449	..	14612	..	93686	2449
Manufacturing, const., mining	3277	..	..	9784	..	..	..	349	..	13410	..
Iron and steel
Chemical and petrochemical
Non-ferrous metals
Non-metallic minerals	3277	..	..	..	..	..	..	..	..	3277	..
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	..	..	9784	..	..	..	349	..	10133	..
Transport	36934	..	..	..	..	..	36934	..
Road	36934	..	..	..	..	..	36934	..
Rail
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	26630	..	2449	..	14263	..	43342	2449
Agriculture, forestry, fishing	1720	..	..	..	..	..	1720	..
Commerce, public services	2786	..	..	..	1613	..	4399	..
Households	22124	..	..	..	11513	..	33636	..
Other consumers	2449	..	1138	..	3586	2449
Non-energy use	281	..	..	..	..	..	281	..

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	..	..	..	..	372906	..	39690	..	420699	412596
Imports	..	*1466	20468	25653	..	..	..	7866	..	55454	..
Exports	..	*-56	..	-445	..	..	..	-2858	..	-3360	..
International marine bunkers
International aviation bunkers	-1676	..	..	..	..	..	-1676	..
Stock changes
Total energy supply	8104	*1410	20468	23532	..	372906	..	44698	..	471117	412596
Statistical difference	0	0	0	0	..	0	..	0	..	0	39690
Transfers
Transformation	-3928	..	-20468	16428	..	-86719	..	2412	..	-92276	-86719
Electricity plants	-3928	..	..	-3177	..	*-1367	..	2412	..	-6060	*-1367
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	..	*286187	..	39089	..	*370326	*286187
Final energy consumption	4175	*1410	..	36530	..	*286187	..	39089	..	*367391	*286187
Manufacturing, const., mining	4175	*1410	..	15362	..	70702	..	23238	..	114887	70702
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	..	68195	..	1692	..	76309	68195
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	..

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
2017											
Primary production	19691	..	..	..	..	384733	..	43913	..	448336	428646
Imports	..	*1466	22002	32400	..	..	..	2711	..	58579	..
Exports	..	*-56	..	-631	..	..	..	-3827	..	-4514	..
International marine bunkers
International aviation bunkers	-1147	..	..	..	..	..	-1147	..
Stock changes
Total energy supply	19691	*1410	22002	30623	..	384733	..	42797	..	501255	428646
Statistical difference	0	0	0	563	..	0	..	122	..	685	43913
Transfers
Transformation	-15342	..	-22002	15705	..	-89309	..	7153	..	-103796	-89309
Electricity plants	-15342	..	..	-5324	..	*-1367	..	7153	..	-14880	*-1367
CHP plants
Heat plants
Coke ovens
Briquetting plants
Liquefaction plants
Gas works
Blast furnaces
NGL plants & gas blending
Oil refineries	-22002	21028	..	..	..	..	..	-974	..
Other transformation	-87942	..	..	..	-87942	-87942
Energy industries own use	-495	..	..	..	-1116	..	-1611	..
Losses	-4820	..	-4820	..
Final consumption	4348	*1410	..	45269	..	*295424	..	43891	..	*390343	*295424
Final energy consumption	4348	*1410	..	42455	..	*295424	..	43891	..	*387529	*295424
Manufacturing, const., mining	4348	*1410	..	17221	..	73421	..	25291	..	121691	73421
Iron and steel
Chemical and petrochemical
Non-ferrous metals	1135	..	..	..	22327	..	23462	..
Non-metallic minerals
Transport equipment
Machinery
Mining and quarrying	13072	..	89	..	426	..	13586	89
Food and tobacco
Paper, pulp and printing
Wood and wood products
Textile and leather	2508	..	..	..	2508	2508
Construction	1419	..	..	..	35	..	1454	..
Industries n.e.s	4348	*1410	..	1595	..	70825	..	2503	..	80682	70825
Transport	16739	..	..	..	115	..	16854	..
Road	16739	..	..	..	..	..	16739	..
Rail	0	..	..	..	115	..	115	..
Domestic aviation
Domestic navigation
Pipeline transport
Transport, n.e.s
Other	*8495	..	*222003	..	18485	..	*248984	*222003
Agriculture, forestry, fishing	946	..	..	..	941	..	1887	..
Commerce, public services	1370	..	..	..	2304	..	3674	..
Households	189	..	*222003	..	14926	..	*237118	*222003
Other consumers	*5990	..	..	..	314	..	*6304	..
Non-energy use	2814	..	..	..	..	..	2814	..

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	..	..	..	..	325857	..	10494	..	380512	336351
Imports	648	..	..	47920	..	..	..	7992	..	56560	..
Exports	0	-5351	..	..	..	..	..	-1328	..	-6679	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-2030	..	..	..	..	..	-2030	..
Stock changes	38523	..	..	..	..	..	..	..	..	38523	..
Total energy supply	83332	-5351	..	45890	..	325857	..	17158	..	466886	336351
Statistical difference	76	0	..	65	..	0	..	328	..	469	10494
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-76345	9993	..	-559	..	-2857	..	15029	..	-54739	-2857
Electricity plants	-63900	..	..	-559	..	-2117	..	15029	..	-51547	-2117
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-12445	9993	..	..	..	..	..	..	..	-2452	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	-740	..	..	..	-740	-740
Energy industries own use	..	-754	..	-559	..	..	..	-125	..	-1438	..
Losses	..	..	..	..	..	..	..	-5519	..	-5519	..
Final consumption	6911	3889	..	44707	..	*323000	..	26215	..	*404722	*323000
Final energy consumption	6911	3889	..	43863	..	*323000	..	26215	..	*403878	*323000
Manufacturing, const., mining	6479	3889	..	2240	..	5971	..	9522	..	28100	5971
Iron and steel	27	2934	..	80	..	..	..	..	..	3041	..
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	955	..	307	..	5971	..	4259	..	11491	5971
Transport	135	..	..	29716	..	1394	..	..	..	31245	1394
Road	..	..	..	28254	..	1394	..	..	..	29648	1394
Rail	135	..	..	1462	..	..	..	..	..	1597	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	297	..	..	11907	..	*315635	..	16693	..	*344533	*315635
Agriculture, forestry, fishing	216	..	..	4316	..	16420	..	1764	..	22716	16420
Commerce, public services	81	..	..	..	..	..	..	4882	..	4963	..
Households	..	..	..	3460	..	*299215	..	9832	..	*312507	*299215
Other consumers	..	..	..	4130	..	..	..	216	..	4346	..
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
2017											
Primary production	79071	..	..	..	..	333442	..	14288	..	426802	347731
Imports	675	..	..	50167	..	..	..	9248	..	60090	..
Exports	0	-5602	..	..	..	..	..	-1264	..	-6866	..
International marine bunkers	..	..	..	..	..	..	..	..	..	..	..
International aviation bunkers	..	..	..	-2693	..	..	..	..	..	-2693	..
Stock changes	-3644	..	..	..	..	..	..	..	..	-3644	..
Total energy supply	76102	-5602	..	47474	..	333442	..	22273	..	473689	347731
Statistical difference	540	0	..	353	..	0	..	569	..	1461	14288
Transfers	..	..	..	..	..	..	..	..	..	..	..
Transformation	-68327	10465	..	-559	..	-2943	..	12870	..	-48494	-2943
Electricity plants	-55288	..	..	-559	..	-2180	..	12870	..	-45156	-2180
CHP plants	..	..	..	..	..	..	..	..	..	..	..
Heat plants	..	..	..	..	..	..	..	..	..	..	..
Coke ovens	-13039	10465	..	..	..	..	..	..	..	-2574	..
Briquetting plants	..	..	..	..	..	..	..	..	..	..	..
Liquefaction plants	..	..	..	..	..	..	..	..	..	..	..
Gas works	..	..	..	..	..	..	..	..	..	..	..
Blast furnaces	..	..	..	..	..	..	..	..	..	..	..
NGL plants & gas blending	..	..	..	..	..	..	..	..	..	..	..
Oil refineries	..	..	..	..	..	..	..	..	..	..	..
Other transformation	..	..	..	..	..	-764	..	..	..	-764	-764
Energy industries own use	..	-779	..	-559	..	..	..	-515	..	-1853	..
Losses	..	..	..	..	..	..	..	-6224	..	-6224	..
Final consumption	7235	4084	..	46003	..	*330500	..	27835	..	*415657	*330500
Final energy consumption	7235	4084	..	45119	..	*330500	..	27835	..	*414773	*330500
Manufacturing, const., mining	6830	4084	..	2283	..	6117	..	12092	..	31406	6117
Iron and steel	27	3079	..	80	..	..	..	..	..	3187	..
Chemical and petrochemical	54	..	..	87	..	..	..	..	..	141	..
Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..
Non-metallic minerals	2322	..	..	259	..	..	..	..	..	2581	..
Transport equipment	27	..	..	..	..	..	..	..	..	27	..
Machinery	54	..	..	87	..	..	..	..	..	141	..
Mining and quarrying	54	..	..	775	..	..	..	5821	..	6650	..
Food and tobacco	2808	..	..	300	..	..	..	..	..	3107	..
Paper, pulp and printing	486	..	..	87	..	..	..	..	..	573	..
Wood and wood products	918	..	..	43	..	..	..	..	..	961	..
Textile and leather	81	..	..	43	..	..	..	..	..	124	..
Construction	..	..	..	214	..	..	..	..	..	214	..
Industries n.e.s	0	1005	..	307	..	6117	..	6271	..	13700	6117
Transport	270	..	..	30318	..	1045	..	..	..	31633	1045
Road	..	..	..	28813	..	1045	..	..	..	29858	1045
Rail	270	..	..	1505	..	..	..	..	..	1775	..
Domestic aviation	..	..	..	..	..	..	..	..	..	..	..
Domestic navigation	..	..	..	..	..	..	..	..	..	..	..
Pipeline transport	..	..	..	..	..	..	..	..	..	..	..
Transport, n.e.s	..	..	..	..	..	..	..	..	..	..	..
Other	135	..	..	12518	..	*323337	..	15743	..	*351733	*323337
Agriculture, forestry, fishing	81	..	..	4445	..	16821	..	1548	..	22895	16821
Commerce, public services	54	..	..	..	..	..	..	4640	..	4694	..
Households	3770	..	*306516	..	9349	..	*319636	*306516
Other consumers	4302	205	..	4508	..
Non-energy use	884	884	..

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