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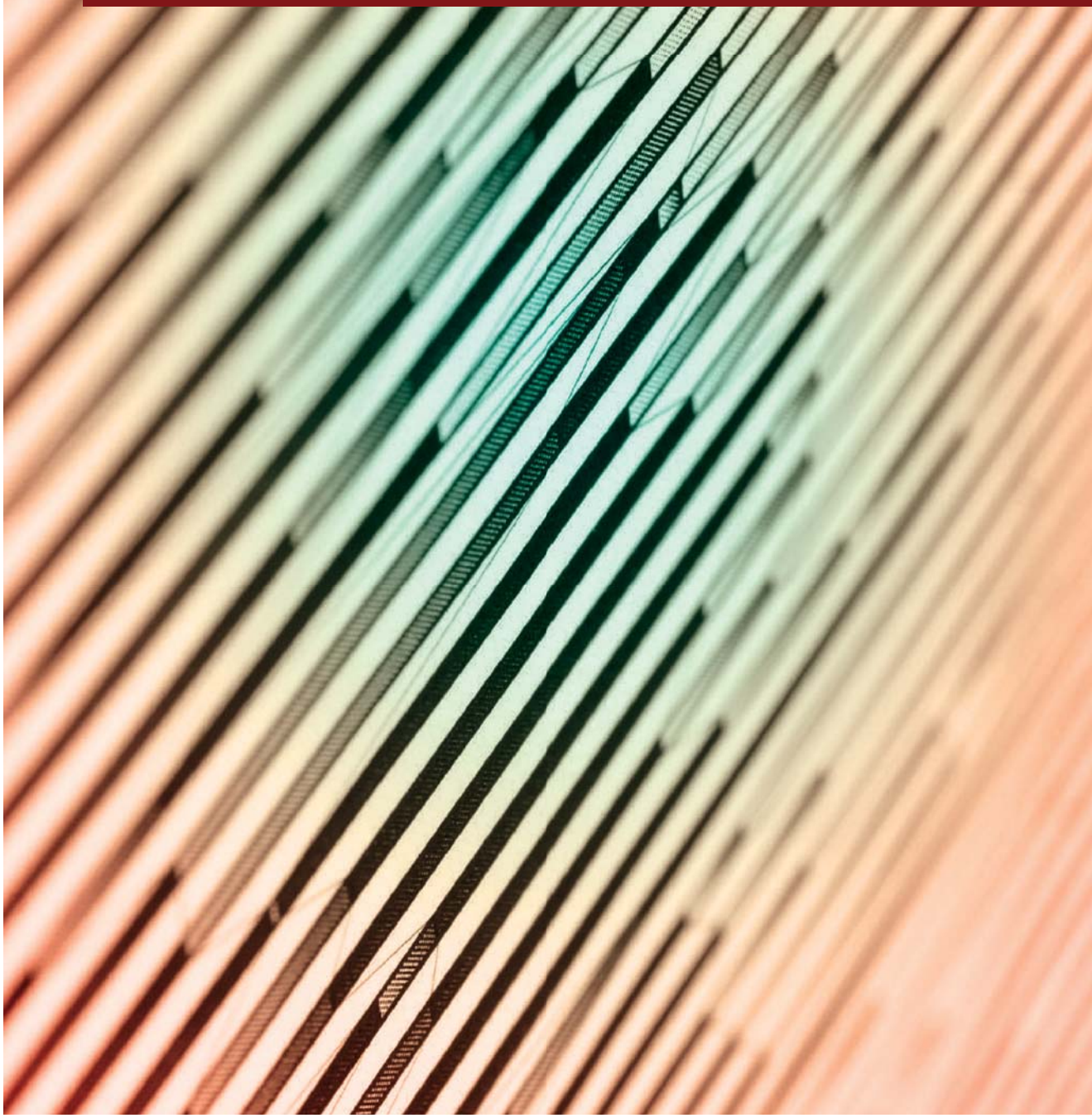
World energy statistics



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The International Energy Agency (IEA), an autonomous agency, was established in November 1974. Its primary mandate was – and is – two-fold: to promote energy security amongst its member countries through collective response to physical disruptions in oil supply, and provide authoritative research and analysis on ways to ensure reliable, affordable and clean energy for its 29 member countries and beyond. The IEA carries out a comprehensive programme of energy co-operation among its member countries, each of which is obliged to hold oil stocks equivalent to 90 days of its net imports. The Agency's aims include the following objectives:

- Secure member countries' access to reliable and ample supplies of all forms of energy; in particular, through maintaining effective emergency response capabilities in case of oil supply disruptions.
- Promote sustainable energy policies that spur economic growth and environmental protection in a global context – particularly in terms of reducing greenhouse-gas emissions that contribute to climate change.
- Improve transparency of international markets through collection and analysis of energy data.
- Support global collaboration on energy technology to secure future energy supplies and mitigate their environmental impact, including through improved energy efficiency and development and deployment of low-carbon technologies.
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INTRODUCTION

World Energy Statistics is a new release from the IEA intended for those involved in analytical and policy work related to international energy issues. Formed by merging *Energy Statistics of OECD Countries* and *Energy Statistics of Non-OECD Countries*, previously published separately, this volume provides detailed statistics on production, trade and consumption for each source of energy for all the world's largest energy producing and consuming countries. It contains statistics for each source of energy for all 34 OECD countries, over 100 other key energy producing and consuming countries, and main geographical regions, including the World. Non-OECD countries cover developing countries in Africa, Latin America and Asia, Central and Eastern European countries, and Eurasia. The consistency and complementarity of OECD and non-OECD countries' data ensure an accurate picture of the global energy situation.

Complementing the data in energy units of the sister publication *World Energy Balances*, this book includes detailed data by country for all energy sources – coal, gas, oil, electricity, renewables and waste - expressed in commodity balance format, for the year 2014, 2013, as well as provisional 2015 supply data for OECD countries. Energy statistics are presented in short and long formats reflecting the available degree of detail.

This volume has been prepared in close collaboration with other international organisations, including Eurostat, the Economic Commission for Europe of the United Nations (UNECE), the Organización Latinoamericana de Energía (OLADE), the Asia Pacific Energy Research Centre (APERC), the United Nations Statistics Division (UNSD), and the Forestry Department of the Food and Agriculture Organisation of the United Nations (FAO). It draws upon and complements the extensive work of the United Nations in the field of world energy statistics.

While every effort is made to ensure the accuracy of the data, quality is not homogeneous throughout the publication. In some countries data are based on secondary sources, and where incomplete or unavailable, on estimates. In general, data are likely to be more accurate for production, trade and total consumption than for individual sectors in transformation or final consumption.

General issues of data quality, as well as country notes and sources, should always be consulted when using data. In addition, very little official data are available for 2015 from non-OECD countries, therefore estimations have been used in most cases.

Data were collected by the team in the Energy Data Centre (EDC) of the IEA Secretariat, headed by Duncan Millard.

Within the IEA, for OECD members: electricity, coal and renewable data were prepared, respectively, by Loïc Coënt, Julian Smith and Dae Yong Kwon, under the responsibility of Vladimir Kubecek; oil and natural gas data were prepared, respectively, by Federico De Luca and Claire Morel; Ivo Letra and Roman Wisznia, under the responsibility of Erica Robin; energy balances data were prepared by Rémi Gigoux, under the responsibility of Roberta Quadrelli. Non-OECD countries statistics were prepared by Emmanouil Christinakis, Markus Fager-Pintilä, Nikolaos Kordevas, Beatriz Martínez, Klaus Pedersen and Arnaud Pincet, under the responsibility of Céline Rouquette.

Roberta Quadrelli and Céline Rouquette have the overall responsibility for this report. The publication and its statistics were produced by Emmanouil Christinakis,

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Markus Fager-Pintilä and Rémi Gigoux. Desktop publishing was carried out by Sharon Burghgraeve.

We would like to thank our numerous contacts worldwide in national administrations and in public and private companies for their helpful co-operation.

Complete supply and consumption data from 1971 to 2014 and selected estimates for 2015 are available on CD-ROM.

In addition, a data service is available on the internet. It includes unlimited access through an annual subscription as well as the possibility to obtain data on a pay-per-view basis. Details are available at *www.iea.org*.

Enquiries about data, methodology, or comments and suggestions should be addressed to:

Telephone:(+33-1) 40-57-66-33
E-mail: stats@iea.org

What's new?

The World Energy Statistics, a new release

In this new release, statistics tables are displayed first for the world and different regions, then for OECD countries, and finally for Non-OECD countries.

New Non-OECD countries

The IEA continues to try to expand the coverage of its statistics reports and encourages more countries to collaborate on data exchange. This year data have become available for Suriname from 2000 to 2014, therefore Suriname has been removed from the region Other Latin America for those years. These data are presented in this edition of the publication.

Revisions for People's Republic of China

In September 2015, the National Bureau of Statistics of China published China's energy statistics for 2013, as well as revised statistics for the years 2000 to 2012. The NBS supplied the IEA with detailed energy balances for 2011 to 2013 and these revised data have been published in November 2015 in the "Special IEA data release with revisions for People's Republic of China". In 2016 NBS supplied the IEA with detailed energy balances for 2000 to 2010 and the IEA revised its 2000-2010 data based on these newly available figures, published in this document. For more information, please refer to the section "Country notes and sources".

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PART I

EXPLANATORY NOTES

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ABBREVIATIONS

Btu:	British thermal unit
GWh:	gigawatt hour
kcal:	kilocalorie
kg:	kilogramme
kJ:	kilojoule
Mt:	million tonnes
m^3:	cubic metre
t:	metric ton = tonne = 1000 kg
TJ:	terajoule
toe:	tonne of oil equivalent = 10^7 kcal
CHP:	combined heat and power
GCV:	gross calorific value
GDP:	gross domestic product
HHV:	higher heating value = GCV
LHV:	lower heating value = NCV
NCV:	net calorific value
PPP:	purchasing power parity
TPES:	total primary energy supply
AfDB:	African Development Bank
EU-28:	European Union - 28
FAO:	Food and Agriculture Organisation of the United Nations
IEA:	International Energy Agency
IPCC:	Intergovernmental Panel on Climate Change
ISIC:	International Standard Industrial Classification
OECD:	Organisation for Economic Co-Operation and Development
OLADE:	Organización Latinoamericana de Energía
UN:	United Nations
UNIPEDE:	International Union of Producers and Distributors of Electrical Energy
c	confidential
e	estimated
..	not available
-	nil
x	not applicable

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1. DEFINITIONS OF PRODUCTS AND FLOWS

The energy statistics tables provide a set of commodity balances for all sources of energy ("products"): primary coal and coal products, peat, natural gas primary oil and oil products, solid biofuels, liquid biofuels, biogases, waste, as well as electricity and heat, which are derived from various sources.

Each commodity balance is divided into three main blocks of "*flows*": from top to bottom, the first showing *supply*, the second showing the *transformation processes* and *energy industries*, and the third showing *final consumption,* broken down into the various end-use sectors.

The definitions of products and flows presented in this chapter are based on those of *the Joint IEA/Eurostat/UNECE annual energy questionnaires*[1], and on the United Nations *International Recommendations on Energy Statistics*.[2]

Products

Coal

With the exception of the coal gases, the fuels in this section are expressed in thousand tonnes. The coal gases are expressed in terajoules on a **gross calorific value** basis.

Coking coal

Coking coal refers to bituminous coal with a quality that allows the production of a coke suitable to support a blast furnace charge. Its gross calorific value is equal to or greater than 24 000 kJ/kg (5 732 kcal/kg) on an ash-free but moist basis.

Other bituminous coal and anthracite

Other bituminous coal is used mainly for steam raising and space heating purposes and includes all bituminous coal that is not included under coking coal nor anthracite. It is characterized by higher volatile matter than anthracite (more than 10%) and lower carbon content (less than 90% fixed carbon). Its gross calorific value is equal to or greater than 24 000 kJ/kg (5 732 kcal/kg) on an ash-free but moist basis.

Anthracite is a high rank coal used for industrial and residential applications. It has generally less than 10% volatile matter and a high carbon content (about 90% fixed carbon). Its gross calorific value is equal to or greater than 24 000 kJ/kg (5 732 kcal/kg) on an ash-free but moist basis.

Sub-bituminous coal

Non-agglomerating coals with a gross calorific value equal to or greater than 20 000 kJ/kg (4 777 kcal/kg) and less than 24 000 kJ/kg (5 732 kcal/kg) containing more than 31% volatile matter on a dry mineral matter free basis.

Lignite

Lignite is a non-agglomerating coal with a gross calorific value of less than 20 000 kJ/kg (4 777 kcal/kg), and greater than 31% volatile matter on a dry mineral matter free basis.

Note: oil shale is presented separately and not included with lignite.

1. http://www.iea.org/statistics/resources/questionnaires/annual/
2. http://unstats.un.org/unsd/energy/ires/IRES_Whitecover.pdf

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Coke oven coke, gas coke and coal tar

Coke oven coke is the solid product obtained from the carbonisation of coal, principally coking coal, at high temperature. It is low in moisture content and volatile matter. Coke oven coke is used mainly in the iron and steel industry, acting as an energy source and a chemical agent. Also included are semi-coke (a solid product obtained from the carbonisation of coal at a low temperature), lignite coke (a semi-coke made from lignite), coke breeze and foundry coke. The heading *other energy industry own use* includes the consumption at the coking plants themselves. Consumption in the *iron and steel industry* does not include coke converted into blast furnace gas. To obtain the total consumption of coke oven coke in the iron and steel industry, the quantities converted into blast furnace gas have to be added (these are included in *blast furnaces*).

Gas coke is a by-product of hard coal used for the *production* of town gas in gas works. Gas coke is used for heating purposes. *Other energy industry own use* includes the consumption of gas coke at gas works.

Coal tar is a result of the destructive distillation of bituminous or of the low-temperature carbonisation of brown coal. Coal tar from bituminous coal is the liquid by-product of the distillation of coal to make coke in the coke oven process. Coal tar can be further distilled into different organic products (e.g. benzene, toluene, naphthalene), which normally would be reported as a feedstock to the petrochemical industry.

Patent fuel and brown coal briquettes (BKB)

Patent fuel is a composition fuel manufactured from hard coal fines with the addition of a binding agent. The amount of patent fuel produced may, therefore, be slightly higher than the actual amount of coal consumed in the transformation process. Consumption of patent fuels during the patent fuel manufacturing process is included under *other energy industry own use*.

BKB is a composition fuel manufactured from lignite or sub-bituminous coal, produced by briquetting under high pressure with or without the addition of a binding agent. These figures include peat briquettes, dried lignite fines and dust. The heading *other energy industry own use* includes consumption by briquetting plants.

Gas works gas

Gas works gas covers all types of gas produced in public utility or private plants, whose main purpose is the manufacture, transport and distribution of gas. It includes gas produced by carbonisation (including gas produced by coke ovens and transferred to gas works), by total gasification (with or without enrichment with oil products) and by reforming and simple mixing of gases and/or air.

Coke oven gas

Coke oven gas is obtained as a by-product of the manufacture of coke oven coke for the production of iron and steel.

Recovered gases

Blast furnace gas is produced during the combustion of coke in blast furnaces in the iron and steel industry. It is recovered and used as a fuel, partly within the plant and partly in other steel industry processes or in power stations equipped to burn it.

Other recovered gases is obtained as a by-product of the production of steel in an oxygen furnace and is recovered on leaving the furnace. The gases are also known as converter gas, LD gas or BOS gas.

Peat

Peat and peat products

Peat is a combustible soft, porous or compressed, fossil sedimentary deposit of plant origin with high water content (up to 90% in the raw state), easily cut, of light to dark brown colour. Peat used for non-energy purposes is not included here. Milled peat is included here.

Peat products are products such as peat briquettes derived directly or indirectly from sod peat and milled peat.

Note: for presentational purposes, in the statistics tables, the column of peat also includes data for oil shale, where applicable.

Oil shale

Oil shale and oil sands

Oil shale and oil sands produced and combusted directly are included in this category. Oil shale and oil sands used as inputs for other transformation processes are also included here (this includes the portion consumed in the transformation process). Shale oil and other products derived from liquefaction are included in *from other sources* under crude oil (*other hydrocarbons*).

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For presentational purposes, in the statistics tables, data for oil shale have been included within the column of peat, where applicable.

Natural gas

Natural gas is expressed in terajoules on a **gross calorific value** basis, measured at 15°C and 760 mm Hg.

Natural gas comprises gases, occurring in underground deposits, whether liquefied or gaseous, consisting mainly of methane. It includes both "non-associated" gas originating from fields producing only hydrocarbons in gaseous form, and "associated" gas produced in association with crude oil as well as methane recovered from coal mines (colliery gas) or from coal seams (coal seam gas).

Production represents dry marketable production within national boundaries, including offshore production and is measured after purification and extraction of NGL and sulphur. It includes gas consumed by gas processing plants and gas transported by pipeline. Quantities of gas that are re-injected, vented or flared are excluded.

Crude oil, NGL, refinery feedstocks

The fuels in this section are expressed in thousand tonnes.

Crude oil

Crude oil is a mineral oil of natural origin consisting of a mixture of hydrocarbons of natural origin and associated impurities, such as sulphur. It exists in the liquid phase under normal surface temperature and pressure and its physical characteristics (density, viscosity, etc.) are highly variable. It includes field or lease condensates (separator liquids) which are recovered from associated and non-associated gas where it is commingled with the commercial crude oil stream.

Other hydrocarbons, including synthetic crude oil from tar sands, shale oil, etc., liquids from coal liquefaction, output of liquids from natural gas conversion into gasoline, hydrogen and emulsified oils (e.g. Orimulsion), are included here.

Natural gas liquids (NGLs)

NGLs are the liquid or liquefied hydrocarbons recovered from natural gas in separation facilities or gas processing plants. NGLs include ethane, propane, (normal and iso-) butane, (iso-) pentane and pentanes plus (sometimes referred to as natural gasoline or plant condensates).

Refinery feedstocks

A refinery feedstock is a processed oil destined for further processing (e.g. straight run fuel oil or vacuum gas oil) other than blending in the refining industry. With further processing, it will be transformed into one or more components and/or finished products. This definition also covers returns from the petrochemical industry to the refining industry (e.g. pyrolysis gasoline, C4 fractions, gasoil and fuel oil fractions).

Additives

Additives are non-hydrocarbon compounds added to or blended with a product to modify its properties, for example, to improve its combustion characteristics. Alcohols and ethers (MTBE, methyl tertiary-butyl ether) and chemical alloys such as tetraethyl lead are included here. The biofuel fractions of biogasoline, biodiesel and ethanol are not included here, but under liquid biofuels. This differs from the presentation of additives in the *Oil Information* publication.

Oil products

The fuels in this section are expressed in thousand tonnes.

Oil products are any oil-based products which can be obtained by distillation and are normally used outside the refining industry. The exceptions to this are those finished products which are classified as refinery feedstocks.

Production of oil products shows gross refinery output for each product.

Refinery fuel (row *oil refineries*, under *energy industry own use*) represents consumption of oil products, both intermediate and finished, within refineries, e.g. for heating, lighting, traction, etc.

Refinery gas (not liquefied)

Refinery gas includes a mixture of non-condensed gases mainly consisting of hydrogen, methane, ethane and olefins obtained during distillation of crude oil or treatment of oil products (e.g. cracking) in refineries. It also includes gases which are returned from the petrochemical industry. Refinery gas production refers to gross production. Own consumption is shown separately under *oil refineries* in *energy industry own use*.

Liquefied petroleum gases (LPG) and ethane

LPG are light paraffinic hydrocarbons derived from refinery processes, crude oil stabilisation plants and natural gas processing plants. They consist mainly of

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propane (C_3H_8) and butane (C_4H_{10}) or a combination of the two. They could also include propylene, butylene, isobutene and isobutylene. LPG are normally liquefied under pressure for transportation and storage.

Ethane is a naturally gaseous straight-chain hydrocarbon (C_2H_6) which is extracted from natural gas and refinery gas streams.

Motor gasoline excluding biofuels

Motor gasoline is light hydrocarbon oil for use in internal combustion engines such as motor vehicles, excluding aircraft. Motor gasoline is distilled between 35°C and 215°C and is used as a fuel for land based spark ignition engines. Motor gasoline may include additives, oxygenates and octane enhancers, including lead compounds such as TEL (tetraethyl lead) and TML (tetramethyl lead). Motor gasoline excluding biofuels does not include the liquid biofuel or ethanol blended with gasoline - see liquid biofuels. This differs from the presentation of motor gasoline in the *Oil Information* publication.

Aviation fuels

Aviation fuels comprise gasoline and kerosene type jet fuels meeting specifications for use in aviation turbine power units as well as small amounts of aviation gasoline.

Gasoline type jet fuel includes all light hydrocarbon oils for use in aviation turbine power units, distilling between 100°C and 250°C. This fuel is obtained by blending kerosenes and gasoline or naphthas in such a way that the aromatic content does not exceed 25% in volume, and the vapour pressure is between 13.7 kPa and 20.6 kPa. Additives can be included to improve fuel stability and combustibility.

Kerosene type jet fuel is a medium distillate used for aviation turbine power units. It has the same distillation characteristics (between 150°C and 300°C but not generally above 250°C) and flash point as kerosene. In addition, it has particular specifications (such as freezing point) which are established by the International Air Transport Association (IATA). It includes kerosene blending components.

Aviation gasoline is motor spirit prepared especially for aviation piston engines, with an octane number suited to the engine, a freezing point of -60°C, and a distillation range usually within the limits of 30°C and 180°C.

Other kerosene

Kerosene (other than kerosene used for aircraft transport which is included with aviation fuels) comprises refined petroleum distillate intermediate in volatility between gasoline and gas/diesel oil. It is a medium oil distilling between 150°C and 300°C.

Gas/diesel oil (distillate fuel oil) excluding biofuels

Gas/diesel oil includes heavy gas oils. Gas oils are obtained from the lowest fraction from atmospheric distillation of crude oil, while heavy gas oils are obtained by vacuum redistillation of the residual from atmospheric distillation. Gas/diesel oil distils between 180°C and 380°C. Several grades are available depending on uses: diesel oil for diesel compression ignition (cars, trucks, marine, etc.), light heating oil for industrial and commercial uses, and other gas oil including heavy gas oils which distil between 380°C and 540°C and which are used as petrochemical feedstocks. Gas/diesel oil excluding biofuels does not include the liquid biofuels blended with gas/diesel oil – see liquid biofuels. This differs from the presentation of gas/diesel oil in the *Oil Information* publication.

Fuel oil

Fuel oil defines oils that make up the distillation residue. It comprises all residual fuel oils, including those obtained by blending. Its kinematic viscosity is above 10 cSt at 80°C. The flash point is always above 50°C and the density is always higher than 0.90 kg/l.

Naphtha

Naphtha is a feedstock destined either for the petrochemical industry (e.g. ethylene manufacture or aromatics production) or for gasoline production by reforming or isomerisation within the refinery. Naphtha comprises material that distils between 30°C and 210°C. Naphtha imported for blending is shown as an import of naphtha, and then shown in the transfers row as a negative entry for naphtha and a positive entry for the corresponding finished product (e.g. gasoline).

Petroleum coke

Petroleum coke is a black solid by-product, obtained mainly by cracking and carbonising of petroleum derived feedstocks, vacuum bottoms, tar and pitches in processes such as delayed coking or fluid coking. It consists mainly of carbon (90 to 95%) and has a low ash content. It is used as a feedstock in coke ovens for the steel industry, for heating purposes, for electrode manufacture and for production of chemicals. The two

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most important qualities are "green coke" and "calcinated coke". This category also includes "catalyst coke" deposited on the catalyst during refining processes: this coke is not recoverable and is usually burned as refinery fuel.

Other oil products

In this publication, the category *other oil products* groups together white spirit and SBP, lubricants, bitumen, paraffin waxes and others.

White spirit and SBP are refined distillate intermediates with a distillation in the naphtha/kerosene range. White spirit has a flash point above 30°C and a distillation range of 135°C to 200°C. Industrial spirit (SBP) comprises light oils distilling between 30°C and 200°C. In other words, SBP is a light oil of narrower cut than motor spirit. There are seven or eight grades of industrial spirit, depending on the position of the cut in the distillation range. The grades are defined according to the temperature difference between the 5% volume and 90% volume distillation points (not more than 60°C).

Lubricants are hydrocarbons produced from distillate or residue; they are mainly used to reduce friction between bearing surfaces. This category includes all finished grades of lubricating oil, from spindle oil to cylinder oil, and those used in greases, including motor oils and all grades of lubricating oil base stocks.

Bitumen is a solid, semi-solid or viscous hydrocarbon with a colloidal structure that is brown to black in colour. It is obtained by vacuum distillation of oil residues from atmospheric distillation of crude oil. Bitumen is often referred to as asphalt and is primarily used for surfacing of roads and for roofing material. This category includes fluidised and cut-back bitumen.

Paraffin waxes are saturated aliphatic hydrocarbons. These waxes are residues extracted when dewaxing lubricant oils, and they have a crystalline structure which is more or less fine according to the grade. Their main characteristics are that they are colourless, odourless and translucent, with a melting point above 45°C.

Other oil products not classified above (e.g. tar, sulphur and grease) are included here. This category also includes aromatics (e.g. BTX or benzene, toluene and xylene) and olefins (e.g. propylene) produced within refineries.

Biofuels and Waste

The fuels in this section are expressed in terajoules on a **net calorific value** basis, with the exception of liquid biofuels and charcoal, which are in thousand tonnes.

Note that for biomass commodities, only the amounts specifically used for energy purposes (a small part of the total) are included in the energy statistics. Therefore, the non-energy use of biomass is not taken into consideration and the quantities are null by definition.

Solid biofuels

Solid biofuels are defined as any plant matter used directly as fuel or converted into other forms before combustion. This covers a multitude of woody materials generated by industrial process or provided directly by forestry and agriculture (firewood, wood chips, bark, sawdust, shavings, chips, sulphite lyes also known as black liquor, animal materials/wastes and other solid biofuels).

Charcoal produced from solid biofuels is also included here. Since charcoal is a secondary product, its treatment is slightly different than that of the other primary biofuels. Production of charcoal (an output in the transformation process) is offset by the inputs of primary biofuels into the charcoal production process. The losses from this process are included in the row *other transformation*. Other supply (e.g. trade and stock changes) as well as consumption are aggregated directly with the primary biofuels. In most countries, only the primary biofuels are reported.

Biogases

Biogases are 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.

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

Liquid biofuels

Liquid biofuels include the liquid biofuels that are blended into gasoline and gas/diesel oil and other liquid biofuels. It does not include the total volume of gasoline or diesel into which the biofuels are blended.

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Biogasoline includes bioethanol (ethanol produced from biomass and/or the biodegradable fraction of waste), biomethanol (methanol produced from biomass and/or the biodegradable fraction of waste), bioETBE (ethyl-tertio-butyl-ether produced on the basis of bioethanol; the percentage by volume of bioETBE that is calculated as biofuel is 47%) and bioMTBE (methyl-tertio-butyl-ether produced on the basis of biomethanol: the percentage by volume of bioMTBE that is calculated as biofuel is 36%).

Biodiesels includes biodiesel (a methyl-ester produced from vegetable or animal oil, of diesel quality), biodimethylether (dimethylether produced from biomass), Fischer Tropsh (Fischer Tropsh produced from biomass), cold pressed bio-oil (oil produced from oil seed through mechanical processing only) and all other liquid biofuels which are added to, blended with or used straight as transport diesel or for electricity and heat generation.

Other liquid biofuels include liquid biofuels used directly as fuel, not reported in either biogasoline or biodiesels.

Waste and other non-specified

Municipal waste consists of products that are combusted directly to produce heat and/or power and comprises wastes produced by households, industry, hospitals and the tertiary sector that are collected by local authorities for incineration at specific installations.

Industrial waste of non-renewable origin consists of solid and liquid products (e.g. tyres) combusted directly, usually in specialised plants, to produce heat and/or power. Renewable industrial waste is not included here, but with solid biofuels, biogases or liquid biofuels.

Electricity and heat

Electricity is expressed in gigawatt hours and heat is expressed in terajoules.

Electricity

Gross electricity production is measured at the terminals of all alternator sets in a station; it therefore includes the energy taken by station auxiliaries and losses in transformers that are considered integral parts of the station.

The difference between gross and net production is generally estimated as 7% for conventional thermal stations, 1% for hydro stations, and 6% for nuclear, geothermal and solar stations. Production in hydro stations includes production from pumped storage plants.

Heat

Heat production includes all heat produced by main activity producer CHP and heat plants, as well as heat sold by autoproducer CHP and heat plants to third parties.

Fuels used to produce quantities of heat for sale are included in transformation processes under the rows *CHP plants* and *heat plants*. The use of fuels for heat which is not sold is included under the sectors in which the fuel use occurs.

Hydro energy

Hydro energy represents the potential and kinetic energy of water converted into electricity in hydroelectric plants.

Geothermal energy

Geothermal energy is the energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam. It is exploited at suitable sites:

- for electricity generation using dry stream or high enthalpy brine after flashing
- directly as heat for district heating, agriculture, etc.

Solar energy

Solar energy is the solar radiation exploited for hot water production and electricity generation, by:

- flat plate collectors, mainly of the thermosyphon type, for domestic hot water or for the seasonal heating of swimming pools
- photovoltaic cells
- solar thermal-electric plants

Passive solar energy for the direct heating, cooling and lighting of dwellings or other buildings is not included.

Tide/wave/ocean energy

Tide, wave and ocean represents the mechanical energy derived from tidal movement, wave motion or ocean current and exploited for electricity generation.

Wind energy

Wind energy represents the kinetic energy of wind exploited for electricity generation in wind turbines.

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Flows definitions

Supply

The first block of the energy commodity balances shows the following elements of supply:

Production
+ *From other sources*
+ *Imports*
- *Exports*
- *International marine bunkers*
- *International aviation bunkers*
± *Stock changes*
= *Domestic supply*

Note, exports, bunkers and stock changes incorporate the algebraic sign directly in the number.

Production

Production refers to the quantities of fuels extracted or produced, calculated after any operation for removal of inert matter or impurities (e.g. sulphur from natural gas). For "other hydrocarbons" (shown with crude oil), production should include synthetic crude oil (including mineral oil extracted from bituminous minerals such as oil shale and tar sands, etc.). Production of secondary oil products represents the gross refinery output. Secondary coal products (including coal gases) represent the output from coke ovens, gas works, blast furnaces and other transformation processes.

From other sources

From other sources refers to both primary energy that has not been accounted for under production and secondary energy that has been accounted for in the production of another fuel. For example, under additives: benzol, alcohol and methanol produced from natural gas; under refinery feedstocks: backflows from the petrochemical industry used as refinery feedstocks; under "other hydrocarbons" (included with crude oil): liquids obtained from coal liquefaction and GTL plants; under primary coal: recovered slurries, middlings, recuperated coal dust and other low-grade coal products that cannot be classified according to type of coal from which they are obtained; under gas works gas: natural gas, refinery gas, and LPG, that are treated or mixed in gas works (i.e. gas works gas produced from sources other than coal).

Imports and exports

Imports and exports comprise amounts having crossed the national territorial boundaries of the country whether or not customs clearance has taken place.

For coal: Imports and exports comprise the amount of fuels obtained from or supplied to other countries, whether or not there is an economic or customs union between the relevant countries. Coal in transit should not be included.

For oil and natural gas: Quantities of crude oil and oil products imported or exported under processing agreements (i.e. refining on account) are included. Quantities of oil in transit are excluded. Crude oil, NGL and natural gas are reported as coming from the country of origin; refinery feedstocks and oil products are reported as coming from the country of last consignment. Re-exports of oil imported for processing within bonded areas are shown as an export of product from the processing country to the final destination.

For electricity: Amounts are considered as imported or exported when they have crossed the national territorial boundaries of the country. If electricity is "wheeled" or transited through a country, the amount is shown as both an import and an export.

International marine bunkers

International marine bunkers covers those quantities delivered to ships of all flags that are engaged in international navigation. The international navigation may take place at sea, on inland lakes and waterways, and in coastal waters. Consumption by ships engaged in domestic navigation is excluded. The domestic/international split is determined on the basis of port of departure and port of arrival, and not by the flag or nationality of the ship. Consumption by fishing vessels and by military forces is also excluded. See definitions of *transport*, *fishing*, and *other non-specified*.

International aviation bunkers

International aviation bunkers includes deliveries of aviation fuels to aircraft for international aviation. Fuels used by airlines for their road vehicles are excluded. The domestic/international split should be determined on the basis of departure and landing locations and not by the nationality of the airline. For many countries this incorrectly excludes fuel used by domestically owned carriers for their international departures.

Note that international marine bunkers and international aviation bunkers are subtracted out of supply in agreement with the definitions of the United Nations International Recommendations on Energy Statistics

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(IRES). This differs from the treatment of international aviation bunkers in the annual oil statistics published in the Oil Information publication.

Stock changes

Stock changes reflects the difference between opening stock levels on the first day of the year and closing levels on the last day of the year of stocks on national territory held by producers, importers, energy transformation industries and large consumers. Oil and gas stock changes in pipelines are not taken into account. With the exception of large users mentioned above, changes in final users' stocks are not taken into account. A stock build is shown as a negative number, and a stock draw as a positive number.

Domestic supply

Domestic supply is defined as *production + from other sources + imports - exports - international marine bunkers - international aviation bunkers ± stock changes*. Note, exports, bunkers and stock changes incorporate the algebraic sign directly in the number.

Transfers

Transfers comprises *interproduct transfers*, *products transferred* and *recycled products*.

Interproduct transfers results from reclassification of products either because their specification has changed or because they are blended into another product, e.g. kerosene may be reclassified as gasoil after blending with the latter in order to meet its winter diesel specification. The net balance of *interproduct transfers* is zero.

Products transferred is intended for oil products imported for further processing in refineries. For example, fuel oil imported for upgrading in a refinery is transferred to the feedstocks category.

Recycled products are finished products which pass a second time through the marketing network, **after** having been once delivered to final consumers (e.g. used lubricants which are reprocessed).

Statistical difference

Statistical difference is defined as deliveries to *final consumption* + use for *transformation processes* + consumption by *energy industry own use* + *losses* - *domestic supply* - *transfers*. Statistical differences arise because the data for the individual components of supply and demand are often derived from different data sources by the national administration. Furthermore, the inclusion of changes in some large consumers' stocks in the supply part of the balance introduces distortions which also contribute to the statistical differences.

Transformation processes

Transformation processes comprise the conversion of primary forms of energy to secondary and further transformation (e.g. coking coal to coke, crude oil to oil products, and fuel oil to electricity).

Electricity plants

Electricity plants refers to plants which are designed to produce electricity only. If one or more units of the plant is a CHP unit (and the inputs and outputs cannot be distinguished on a unit basis) then the whole plant is designated as a CHP plant. Both main activity producer[3] and autoproducer[4] plants are included here. Heat from chemical processes for electricity generation is also included here.

Combined heat and power plants

Combined heat and power plants refers to plants which are designed to produce both heat and electricity (sometimes referred to as co-generation power stations). If possible, fuel inputs and electricity/heat outputs are on a unit basis rather than on a plant basis. However, if data are not available on a unit basis, the convention for defining a CHP plant noted above should be adopted. Both main activity producer and autoproducer plants are included here. *Note that for autoproducer CHP plants, all fuel inputs to electricity production are taken into account, while only the part of fuel inputs to heat* ***sold*** *is shown. Fuel inputs for the production of heat consumed within the autoproducer's establishment are* ***not*** *included here but are included with figures for the final consumption of fuels in the appropriate consuming sector.*

Heat plants

Heat plants refers to plants (including heat pumps and electric boilers) designed to produce heat only and who sell heat to a third party (e.g. residential, commercial or industrial consumers) under the provisions of a contract. Both main activity producer and autoproducer plants are included here. Heat pumps that are

3. Main activity producers generate electricity and/or heat for sale to third parties, *as their primary activity*. They may be privately or publicly owned. Note that the sale need not take place through the public grid.

4. Autoproducer undertakings generate electricity and/or heat, wholly or partly for their own use as an activity which supports their primary activity. They may be privately or publicly owned.

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operated within the residential sector where the heat is not sold are not considered a transformation process and are not included here – the electricity consumption would appear as residential use.

Blast furnaces

Blast furnaces covers the quantities of fuels used for the production of recovered gases (e.g. blast furnace gas and oxygen steel furnace gas). The production of pig-iron from iron ore in blast furnaces uses fuels for supporting the blast furnace charge and providing heat and carbon for the reduction of the iron ore. Accounting for the calorific content of the fuels entering the process is a complex matter as transformation (into blast furnace gas) and consumption (heat of combustion) occur simultaneously. Some carbon is also retained in the pig-iron; almost all of this reappears later in the oxygen steel furnace gas (or converter gas) when the pig-iron is converted to steel. In the 1992/1993 annual questionnaires, Member Countries were asked for the first time to report in *transformation processes* the quantities of all fuels (e.g. pulverised coal injection [PCI] coal, coke oven coke, natural gas and oil) entering blast furnaces and the quantity of blast furnace gas and oxygen steel furnace gas produced. The IEA Secretariat then needed to split these inputs into the transformation and consumption components. The transformation component is shown in the row *blast furnaces* in the column appropriate for the fuel, and the consumption component is shown in the row *iron and steel*, in the column appropriate for the fuel. Originally, the IEA Secretariat assumed that there was a transformation efficiency of 100%, which meant that the energy going into the transformation process was equal to the energy coming out i.e. equivalent to the energy content of the gases produced). However, when the IEA data were used to calculate CO_2 emissions from fuel combustion using the Intergovernmental Panel on Climate Change (IPCC) methodology, as published in the *Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories*,[5] the blast furnaces were showing a carbon gain. Starting with the 1998 edition, the IEA Secretariat decided to assume a transformation efficiency such that the carbon input into the blast furnaces should equal the carbon output. This is roughly equivalent to assuming an energy transformation efficiency of 40%.

Gas works

Gas works covers the quantities of fuels used for the production of town gas. Note, this item also includes other gases blended with natural gas.

Coke/patent fuel/BKB/PB plants

Coke/patent fuel/BKB/PB plants covers the use of fuels for the manufacture of coke, coke oven gas, patent fuels, BKB and peat briquettes (PB).

Oil refineries

Oil refineries covers the use of hydrocarbons for the manufacture of finished oil products.

Petrochemical plants

Petrochemical plants covers backflows returned from the petrochemical industry. Note that backflows from oil products that are used for non-energy purposes (i.e. white spirit and lubricants) are not included here, but in non-energy use.

Liquefaction plants

Liquefaction plants includes diverse liquefaction processes, such as coal liquefaction plants and gas-to-liquid plants.

Other transformation

Other transformation includes the transformation of primary solid biofuels into charcoal and other non-specified transformation.

Energy industry own use

Energy industry own use covers the amount of fuels used by the energy producing industries (e.g. for heating, lighting and operation of all equipment used in the extraction process, for traction and for distribution). It includes energy consumed by energy industries for heating, pumping, traction and lighting purposes [ISIC[6] Divisions 05, 06, 19 and 35, Group 091 and Classes 0892 and 0721].

Fuel mining and extraction

Fuel mining and extraction includes both coal mining and oil and gas extraction. For hard coal and lignite mining, this represents the energy which is used

5. The *Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories* are available from the IPCC National Greenhouse Gas Inventories Programme at http://www.ipcc-nggip.iges.or.jp.

6. International Standard Industrial Classification of All Economic Activities, Series M, No. 4/Rev. 4, United Nations, New York, 2008.

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directly within the coal industry. It excludes coal burned in pithead power stations (included under electricity plants in transformation processes) and free allocations to miners and their families (considered as part of household consumption and therefore included under residential). For oil and gas extraction, flared gas is not included.

Oil refineries.

Energy use on oil refineries.

Electricity, CHP and heat plants.

Energy use in electricity, CHP and heat plants.

Pumped storage plants

Pumped storage plants (electricity consumed in hydro-electric plants).

Other energy industry own use

Other energy industry own use (including own consumption in patent fuel plants, coke ovens, gas works, blast furnaces, BKB, peat briquette and lignite coke plants, coal liquefaction plants, gas-to-liquids plants, charcoal production plants, nuclear plants as well as use in non-specified energy industries).

Losses

Losses includes losses in energy distribution, transmission and transport.

Final consumption

The term ***final consumption*** (equal to the sum of the consumption in the end-use sectors) implies that energy used for transformation processes and for own use of the energy producing industries is excluded. Final consumption reflects for the most part deliveries to consumers (see note on *stock changes*).

Backflows from the petrochemical industry are not included in final consumption (see *from other sources* under supply and *petrochemical plants* in transformation).

Industry

Industry consumption is specified by sub-sector as listed below: (Note - energy used for transport by industry is not included here but is reported under transport.)

Iron and steel industry

Iron and steel industry [ISIC Group 241 and Class 2431];

Chemical and petrochemical industry

Chemical and petrochemical industry [ISIC Divisions 20 and 21] excluding petrochemical feedstocks;

Non-ferrous metals

Non-ferrous metals basic industries [ISIC Group 242 and Class 2432];

Non-metallic minerals

Non-metallic minerals such as glass, ceramic, cement, etc. [ISIC Division 23];

Transport equipment

Transport equipment [ISIC Divisions 29 and 30];

Machinery

Machinery: fabricated metal products, machinery and equipment other than transport equipment [ISIC Divisions 25 to 28];

Mining and quarrying

Mining (excluding fuels) and quarrying [ISIC Divisions 07 and 08 and Group 099];

Food and tobacco

Food and tobacco [ISIC Divisions 10 to 12];

Paper, pulp and printing

Paper, pulp and printing [ISIC Divisions 17 and 18];

Wood and wood products

Wood and wood products (other than pulp and paper) [ISIC Division 16];

Construction

Construction [ISIC Divisions 41 to 43];

Textile and leather

Textile and leather [ISIC Divisions 13 to 15];

Non-specified

Non-specified (any manufacturing industry not included above) [ISIC Divisions 22, 31 and 32].

Note: Most countries have difficulties supplying an industrial breakdown for all fuels. In these cases, the *non-specified* industry row has been used. Regional aggregates of industrial consumption should therefore be used with caution.

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Transport

Consumption in transport covers all transport activity (in mobile engines) regardless of the economic sector to which it is contributing [ISIC Divisions 49 to 51], and is specified as follows:

Domestic aviation

Domestic aviation includes deliveries of aviation fuels to aircraft for domestic aviation - commercial, private, agricultural, etc. It includes use for purposes other than flying, e.g. bench testing of engines, but not airline use of fuel for road transport. The domestic/international split should be determined on the basis of departure and landing locations and not by the nationality of the airline. Note that this may include journeys of considerable length between two airports in a country (e.g. San Francisco to Honolulu). For many countries this incorrectly includes fuel used by domestically owned carriers for outbound international traffic (see *international aviation bunkers*).

Road

Road includes fuels used in road vehicles as well as agricultural and industrial highway use. It excludes military consumption as well as motor gasoline used in stationary engines and diesel oil for use in tractors that are not for highway use.

Rail

Rail includes quantities used in rail traffic, including industrial railways.

Pipeline transport

Pipeline transport includes energy used in the support and operation of pipelines transporting gases, liquids, slurries and other commodities, including the energy used for pump stations and maintenance of the pipeline. Energy for the pipeline distribution of natural gas or coal gases, hot water or steam (ISIC Division 35) from the distributor to final users is excluded and should be reported in *energy industry own use*, while the energy used for the final distribution of water (ISIC Division 36) to household, industrial, commercial and other users should be included in *commercial/public services*. Losses occurring during the transport between distributor and final users should be reported as *losses*.

Domestic navigation

Domestic navigation includes fuels delivered to vessels of all flags not engaged in international navigation (see *international marine bunkers*). The domestic/international split should be determined on the basis of port of departure and port of arrival and not by the flag or nationality of the ship. Note that this may include journeys of considerable length between two ports in a country (e.g. San Francisco to Honolulu). Fuel used for ocean, coastal and inland fishing and military consumption are excluded.

Non-specified

Non-specified includes all transport not elsewhere specified.

Note: *International marine bunkers* and *international aviation bunkers* are shown in *Supply* and are not included in transport as part of final consumption.

Other

Residential

Residential includes consumption by households, excluding fuels used for transport. It includes households with employed persons [ISIC Divisions 97 and 98] which is a small part of total residential consumption.

Commercial and public services

Commercial and public services [ISIC Divisions 33, 36-39, 45-47, 52, 53, 55, 56, 58-66, 68-75, 77-82, 84 (excluding Class 8422), 85-88, 90-96 and 99].

Agriculture/forestry

Agriculture/forestry includes deliveries to users classified as agriculture, hunting and forestry by the ISIC, and therefore includes energy consumed by such users whether for traction (excluding agricultural highway use), power or heating (agricultural and domestic) [ISIC Divisions 01 and 02].

Fishing

Fishing includes fuels used for inland, coastal and deep-sea fishing. Fishing covers fuels delivered to ships of all flags that have refuelled in the country (including international fishing) as well as energy used in the fishing industry [ISIC Division 03]. *Prior to the 2007 edition, fishing was included with agriculture/forestry and this may continue to be the case for some countries*.

Non-specified

Non-specified includes all fuel use not elsewhere specified as well as consumption in the above-designated categories for which separate figures

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have not been provided. Military fuel use for all mobile and stationary consumption is included here (e.g. ships, aircraft, road and energy used in living quarters) regardless of whether the fuel delivered is for the military of that country or for the military of another country.

Non-energy use

Non-energy use covers those fuels that are used as raw materials in the different sectors and are not consumed as a fuel or transformed into another fuel. Non-energy use is shown separately within final consumption.

Note that for biofuels, only the amounts of biomass specifically used for energy purposes (a small part of the total) are included in the energy statistics. Therefore, the non-energy use of biomass is not taken into consideration and the quantities are null by definition.

of which: chemical/petrochemical. The petrochemical industry includes cracking and reforming processes for the purpose of producing ethylene, propylene, butylene, synthesis gas, aromatics, butadiene and other hydrocarbon-based raw materials in processes such as steam cracking, aromatics plants and steam reforming [part of ISIC Group 201].

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2. NOTES ON DATA QUALITY

Methodology

For OECD Member countries, the data shown in this publication are derived based on information provided in the five annual OECD questionnaires[1]: "Oil", "Natural Gas", "Solid Fossil Fuels and Manufactured Gases", "Renewables" and "Electricity and Heat" completed by the national administrations. For the member countries of the Economic Commission for Europe of the United Nations (UNECE) and a few others, the data shown in this publication are mostly based on information provided by the national administrations through the same annual questionnaires. The commodity balances for all other countries are based on national energy data of heterogeneous nature, converted and adapted to fit the IEA format and methodology.

Considerable effort has been made to ensure that the data presented in this publication adhere to the IEA definitions reported in the section on Methodological notes. These definitions, based on the *United Nations International Recommendations on Energy Statistics*[2], are used by most of the international organisations that collect energy statistics.

Nevertheless, energy statistics at the national level are often collected using criteria and definitions which differ, sometimes considerably, from those of international organisations. This is especially true for non-OECD countries, which are submitting data to the IEA on a voluntary basis. The IEA secretariat has identified most of these differences and, where possible, adjusted the data to meet international definitions.

Recognised anomalies occurring in specific countries are presented in the section on Country notes and sources. Country notes present the most important deviations from the IEA methodology, and are by no means a comprehensive list of anomalies by country.

Estimation

In addition to adjustments addressing differences in definitions, estimations[3] are sometimes required to complete major aggregates, when key statistics are missing.

The IEA secretariat has attempted to provide all the elements of energy balances down to the level of final consumption, for all countries and years. Providing all the elements of supply, as well as all inputs and outputs of the main transformation activities (such as oil refining and electricity generation), has often required estimations. Estimations have been generally made after consultation with national statistical offices, oil companies, electricity utilities and national energy experts.

Time series and political changes

The IEA secretariat reviews its databases each year. In the light of new assessments, important revisions may be made to time series of individual countries during the course of this review. Therefore, some data in this publication have been substantially revised with respect to previous editions. Please always consult the section on Country notes and sources.

More in general, energy statistics for some countries undergo continuous changes in their coverage or

1. See link to the annual questionnaires: http://www.iea.org/statistics/resources/questionnaires/annual/
2. http://unstats.un.org/unsd/energy/ires/IRES_Whitecover.pdf.
3. Data may not include all informal and/or illegal trade, production or consumption of energy products, although the IEA Secretariat makes efforts to estimate these where reliable information is available.

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methodology. Consequently, breaks in time series are considered to be unavoidable.

For example, energy balances for the individual countries of the Former Soviet Union and the Former Yugoslavia have been constructed since 1990 and are not available for previous years. These balances are generally based on official submissions, but estimations also have been made by the IEA secretariat. The section on Country notes and sources describes in detail these elements country by country.

Classification of fuel uses

National statistical sources often lack adequate information on the consumption of fuels in different categories of end use. Many countries do not conduct annual surveys of consumption in the main sectors of economic activity, and published data may be based on out-of-date surveys. Therefore, sectoral disaggregation of consumption should generally be interpreted with caution.

In transition economies (countries of non-OECD Europe and Eurasia) and in China, the sectoral classification of fuel consumption before the reforms of the 1990's significantly differed from that of market economies. Sectoral consumption was defined according to the economic branch of the user, rather than according to the purpose or use of the fuel. For example, consumption of gasoline in the vehicle fleet of an enterprise attached to the economic branch 'Iron and steel' was classified as consumption in the 'Iron and steel' industry itself.

Where possible, data have been adjusted to fit international classifications, for example by assuming that most gasoline is consumed in transport. However, it has not been possible to reclassify products other than gasoline and jet fuel as easily, and few other adjustments have been made to other products.

Imports and exports

For a given product, imports and exports may not sum up to zero at the world level for a number of reasons. Fuels may be classified differently (i.e. fuel oil exports may be reported as refinery feedstocks by the importing country; NGL exports may be reported as LPG by the importing country, etc.). Other possible reasons include discrepancies in conversion factors, inclusion of international bunkers in exports, timing differences, data reported on a fiscal year basis instead of calendar year for certain countries, and under-reporting of imports and exports for fiscal reasons.

Specific issues by fuel

Coal

Data on sectoral coal consumption are usually reported in metric tonnes. Net calorific values of different coal types used in different end use sectors are not always available. In the absence of specific information, the IEA secretariat estimates end use net calorific values based on the available net calorific values for production, imports and exports.

Oil

The IEA secretariat collects comprehensive statistics for oil supply and use, including oil for own use of refineries, oil delivered to international bunkers, and oil used as petrochemical feedstock. National statistics often do not report all these amounts.

Reported production of refined products may refer to net rather than gross refinery output; consumption of oil products may be limited to sales to domestic markets and may not include deliveries to international shipping or aircraft. Oil consumed as petrochemical feedstock in integrated refinery/petrochemical complexes is often not included in available official statistics.

Where possible, the IEA secretariat has estimated those unreported data, in consultation with the oil industry. In the absence of any other indication, refinery fuel use is estimated to be a percentage (e.g. 5%) of refinery throughput, and where possible, split between refinery gas and fuel oil. For a description of some adjustments made to the sectoral consumption of oil products, see the above section 'Classification of fuel uses'.

Natural gas

Natural gas should be comprised mainly of methane; other gases, such as ethane and heavier hydrocarbons, should be reported under the heading of 'oil'. The IEA defines natural gas production as the marketable production, i.e. net of field losses, flaring, venting and re-injection.

However, the lack of adequate definitions makes it difficult or impossible to identify all quantities of gas at all different stages of its separation into dry gas (methane) and heavier fractions. National data for natural gas do not always explicitly show separate quantities for field losses, flaring, venting and re-injection.

Natural gas supply and demand statistics are normally reported in volumetric units and it is difficult to obtain accurate data on the calorific value. In the absence of

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specific information, the IEA generally applies an average gross calorific value of 38 TJ/million m^3.

Reliable consumption data for natural gas at a disaggregated level are often difficult to find. This is especially true for some of the largest natural gas consuming countries in the Middle East. Therefore, industrial use of natural gas for these countries is frequently missing from the data published here.

Electricity

The IEA classification shows 'main activity producers' separately from 'autoproducers' of electricity and heat. An autoproducer of electricity is an establishment which, in addition to its main activities, generates electricity wholly or partly for its own use. For non-OECD countries, data on autoproducers are not always reported. In such cases, the quantities of fuels used as input to electricity are included under the appropriate end-use sector.

When statistics of production of electricity from biofuels and waste are available, they are included in total electricity production. However, these data are not comprehensive; for example, much of the electricity generated from waste biomass in sugar refining facilities remains unreported.

When unreported, inputs of fuels for electricity generation are estimated using information on electricity output, fuel efficiency and type of generation capacity.

Heat

For heat, transition economies (countries of non-OECD Europe and Eurasia) and China used to adopt a different methodology from that adopted in market economies. They allocated the transformation of primary fuels (coal, oil and gas) by industry into heat *for consumption on site* to the transformation activity '*heat production*', ***not*** to industrial consumption, as in the IEA methodology[4]. The transformation output of *Heat* was then allocated to the various end use sectors. The losses occurring in the transformation of fuels into heat in industry were not included in final consumption of industry.

Although a number of countries have recently switched to the practice of international organisations, this important issue reduces the possibility of cross-country comparisons for sectoral end use consumption between transition economies and market economies.

4. For autoproducer plants, the international methodology restricts the inclusion of heat in transformation processes to that sold to third parties.

Biofuels and waste

The IEA publishes data on production, domestic supply and consumption of biofuels and waste for all countries and all regions.

Data for non-OECD countries are often based on secondary sources and may be of variable quality, which makes comparisons between countries difficult. For many countries, historical data are derived from surveys which were often irregular, irreconcilable and conducted at a local rather than national level.

Where historical series were incomplete or unavailable, they were estimated using a methodology consistent with the projection framework of the IEA's 1998 edition of *World Energy Outlook* (September 1998). First, nation-wide domestic supply per capita of biofuels and wastes was compiled or estimated for 1995. Then, per capita supply for the years 1971 to 1994 was estimated using a log/log equation with either GDP per capita or percentage of urban population as exogenous variables, depending on the region. Finally, supply of total biofuels and waste after 1996 was estimated assuming a growth rate either constant, equal to the population growth rate, or based on the 1971-1994 trend.

Those estimated time series should be treated very cautiously. The chart below provides a broad indication of the estimation methodology and of the data quality by region.

Region	Main source of data	Data quality	Exogenous variables
Africa	FAO database and AfDB	low	population growth rate
Non-OECD Americas	national and OLADE	high	none
Asia	surveys	high to low	population growth rate
Non-OECD Europe and Eurasia	questionnaires and FAO	high to medium	none
Middle East	FAO	medium to low	none

Given the importance of vegetal fuels in the energy picture of many developing countries, balances down to final consumption by end-use for individual products or product categories have been compiled for all countries.

The IEA hopes that the inclusion of these data will encourage national administrations and other agencies active in the field to enhance the level and quality of data collection and coverage for biofuels and waste. More details on the methodology used by each country may be provided on request and comments are welcome.

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3. GEOGRAPHICAL COVERAGE

The **Organisation for Economic Co-Operation and Development (OECD)** includes Australia; Austria; Belgium; Canada; Chile; the Czech Republic; Denmark; Estonia; Finland; France; Germany; Greece; Hungary; Iceland; Ireland; Israel; Italy; Japan; Korea; Luxembourg; Mexico; the Netherlands; New Zealand; Norway; Poland; Portugal; the Slovak Republic; Slovenia; Spain; Sweden; Switzerland; Turkey; the United Kingdom and the United States.

Latvia was not an OECD Member at the time of the preparation of this publication. Accordingly, Latvia does not appear in the list of OECD Members and is not included in the zone aggregates.

OECD Americas includes Canada; Chile; Mexico and the United States.

OECD Asia Oceania includes Australia; Israel; Japan; Korea and New Zealand.

OECD Europe includes Austria; Belgium; the Czech Republic; Denmark; Estonia; Finland; France; Germany; Greece; Hungary; Iceland; Ireland; Italy; Luxembourg; the Netherlands; Norway; Poland; Portugal; the Slovak Republic; Slovenia; Spain; Sweden; Switzerland; Turkey and the United Kingdom.[1]

Estonia and Slovenia are included starting in 1990. Prior to 1990, Estonia is included in Former Soviet Union and Slovenia is included in Former Yugoslavia.

Within the **OECD**:

- **Australia** excludes the overseas territories;
- **Denmark** excludes Greenland and the Faroe Islands, except prior to 1990, where data on oil for Greenland were included with the Danish statistics. The Administration is planning to revise the series back to 1974 to exclude these amounts;
- **France** includes Monaco and excludes the following overseas departments: Guadeloupe; French Guiana; Martinique; Mayotte; and Réunion; and collectivities: New Caledonia; French Polynesia; Saint Barthélemy; Saint Martin; Saint Pierre and Miquelon; and Wallis and Futuna;
- **Germany** includes the new federal states of Germany from 1970 onwards;
- The statistical data for **Israel** are supplied by and under the responsibility of the relevant Israeli authorities. The use of such data by the OECD is without prejudice to the status of the Golan Heights, East Jerusalem and Israeli settlements in the West Bank under the terms of international law.
- **Italy** includes San Marino and the Holy See;
- **Japan** includes Okinawa;
- **Netherlands** excludes Suriname, Aruba and the other former Netherlands Antilles (Bonaire, Curaçao, Saba, Saint Eustatius and Sint Maarten);
- **Portugal** includes the Azores and Madeira;
- Spain includes the Canary Islands;
- **Switzerland** includes Liechtenstein for oil data; data for other fuels do not include Liechtenstein;
- Shipments of coal and oil to the Channel Islands and the Isle of Man from the **United Kingdom** are not classed as exports. Supplies of coal and oil to these islands are, therefore, included as part of UK supply. Exports of natural gas to the Isle of Man are included with the exports to Ireland;
- **United States** includes the 50 states and the District of Columbia but generally excludes all territories, and all trade between the U.S. and its territories. Oil statistics include Guam, Puerto Rico[2] and the

1. Latvia was not an OECD Member at the time of the preparation of this publication. Accordingly, Latvia does not appear in the list of OECD Members and is not included in the zone aggregates.

2. Natural gas and electricity data for Puerto Rico are included under Other Non-OECD Americas.

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United States Virgin Islands; trade statistics for coal include international trade to and from Puerto Rico and the United States Virgin Islands.

The **International Energy Agency (IEA)** includes Australia, Austria, Belgium, Canada, the Czech Republic, Denmark, Estonia[3], Finland, France, Germany, Greece, Hungary, Ireland, Italy, Japan, Korea, Luxembourg, the Netherlands, New Zealand, Norway, Poland, Portugal, the Slovak Republic, Spain, Sweden, Switzerland, Turkey, the United Kingdom and the United States.

Africa includes Algeria; Angola; Benin; Botswana (from 1981); Cameroon; the Republic of the Congo (Congo)[4]; Côte d'Ivoire; the Democratic Republic of the Congo; Egypt; Eritrea; Ethiopia; Gabon; Ghana; Kenya; Libya; Mauritius; Morocco; Mozambique; Namibia (from 1991); Niger (from 2000); Nigeria; Senegal; South Africa; South Sudan (from 2012), Sudan; the United Republic of Tanzania (Tanzania); Togo; Tunisia; Zambia; Zimbabwe and **Other Africa**.

Other Africa includes Botswana (until 1980); Burkina Faso; Burundi; Cabo Verde; Central African Republic; Chad; Comoros; Djibouti; Equatorial Guinea; Gambia; Guinea; Guinea-Bissau; Lesotho; Liberia; Madagascar; Malawi; Mali; Mauritania; Namibia (until 1990); Niger (until 1999); Réunion; Rwanda; Sao Tome and Principe; the Seychelles; Sierra Leone; Somalia; Swaziland; Uganda.

Middle East includes Bahrain; the Islamic Republic of Iran; Iraq; Jordan; Kuwait; Lebanon; Oman; Qatar; Saudi Arabia; the Syrian Arab Republic; the United Arab Emirates and Yemen.

Non-OECD Europe and Eurasia includes Albania; Armenia; Azerbaijan; Belarus; Bosnia and Herzegovina; Bulgaria; Croatia; Cyprus[5]; the Former Yugoslav Republic of Macedonia; Georgia; Gibraltar; Kazakhstan; Kosovo; Kyrgyzstan; Latvia[6]; Lithuania; Malta; the Republic of Moldova (Moldova); Montenegro; Romania; the Russian Federation; Serbia[7]; Tajikistan; Turkmenistan; Ukraine; Uzbekistan; the Former Soviet Union and Former Yugoslavia.

Non-OECD Americas includes Argentina; the Plurinational State of Bolivia (Bolivia); Brazil; Colombia; Costa Rica; Cuba; Curaçao[8]; the Dominican Republic; Ecuador; El Salvador; Guatemala; Haiti; Honduras; Jamaica; Nicaragua; Panama; Paraguay; Peru; Suriname (from 2000), Trinidad and Tobago; Uruguay; the Bolivarian Republic of Venezuela (Venezuela) and **Other Non-OECD Americas**.

Other Non-OECD Americas includes Antigua and Barbuda; Aruba; the Bahamas; Barbados; Belize; Bermuda; Bonaire (from 2012); the British Virgin Islands; the Cayman Islands; Dominica; the Falkland Islands (Malvinas); French Guiana; Grenada; Guadeloupe; Guyana; Martinique; Montserrat; Puerto Rico[9] (for natural gas and electricity); Saba (from 2012); Saint Eustatius (from 2012); Saint Kitts and Nevis; Saint Lucia; Saint Pierre and Miquelon; Saint Vincent and the Grenadines; Sint Maarten (from 2012); Suriname (until 1999); and the Turks and Caicos Islands.

China includes the (People's Republic of) China and Hong Kong, China.

Asia includes Bangladesh; Brunei Darussalam; Cambodia (from 1995); India; Indonesia; the Democratic People's Republic of Korea; Malaysia; Mongolia (from 1985); Myanmar; Nepal; Pakistan; the Philippines; Singapore; Sri Lanka; Chinese Taipei; Thailand; Viet Nam and **Other Asia**.

Other Asia includes Afghanistan; Bhutan; Cambodia (until 1994); Cook Islands; Fiji; French Polynesia; Kiribati; Lao People's Democratic Republic; Macau,

3. Estonia is included starting in 1990. Prior to 1990, data for Estonia are included in Former Soviet Union.

4. Short country names are included in parentheses.

5. **Note by Turkey:**
The information in this document with reference to "Cyprus" relates to the southern part of the Island. There is no single authority representing both Turkish and Greek Cypriot people on the Island. Turkey recognises the Turkish Republic of Northern Cyprus (TRNC). Until a lasting and equitable solution is found within the context of the United Nations, Turkey shall preserve its position concerning the "Cyprus issue".
Note by all the European Union Member States of the OECD and the European Union:
The Republic of Cyprus is recognised by all members of the United Nations with the exception of Turkey. The information in this document relates to the area under the effective control of the Government of the Republic of Cyprus.

6. Latvia was not an OECD Member at the time of the preparation of this publication. Accordingly, Latvia does not appear in the list of OECD Members and is still included in the non-OECD aggregate.

7. Serbia includes Montenegro until 2004 and Kosovo until 1999.

8. The Netherlands Antilles was dissolved on 10 October 2010 resulting in two new 'constituent countries' (Curaçao and Sint Maarten) with the other islands joining The Netherlands as 'special municipalities'. However, due to lack of detailed data the IEA secretariat's data and estimates under the 'Netherlands Antilles' still refer to the whole territory of the Netherlands Antilles as it was known prior to 10 October 2010 up to the end of 2011. Data refer only to the island of Curaçao from 2012. The other islands of the former Netherlands Antilles are added to Other Non-OECD Americas from 2012.

9. Oil statistics as well as coal trade statistics for Puerto Rico are included under the United States.

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China; the Maldives; Mongolia (until 1984); New Caledonia; Palau (from 1994); Papua New Guinea; Samoa; the Solomon Islands; Timor-Leste; Tonga and Vanuatu.

The **European Union - 28 (EU-28)** includes Austria; Belgium; Bulgaria; Croatia; Cyprus[5]; the Czech Republic; Denmark; Estonia; Finland; France; Germany; Greece; Hungary; Ireland; Italy; Latvia; Lithuania; Luxembourg; Malta; the Netherlands; Poland; Portugal; Romania; the Slovak Republic; Slovenia; Spain; Sweden and the United Kingdom.

Please note that in the interest of having comparable data, all these countries are included since 1990 despite different entry dates into the European Union.

The **Organisation of the Petroleum Exporting Countries (OPEC)** includes Algeria; Angola; Ecuador; the Islamic Republic of Iran; Iraq; Kuwait; Libya; Nigeria; Qatar; Saudi Arabia; the United Arab Emirates and the Bolivarian Republic of Venezuela (Venezuela).[10]

G7 includes Canada, France, Germany, Italy, Japan, United Kingdom, and the United States.

G8 includes Canada, France, Germany, Italy, Japan, the Russian Federation, the United Kingdom, and the United States.

G20 includes Argentina, Australia, Brazil, Canada, China (including Hong Kong, China), India, Indonesia, Japan, Korea, Mexico, the Russian Federation, Saudi Arabia, South Africa, Turkey, the United States and the European Union – 28.

Please note that the following countries have not been considered due to lack of data:

- **Non-OECD Europe and Eurasia**: Andorra; Liechtenstein[11] (except for oil data);
- **Africa:** Mayotte; Saint Helena; Western Sahara;
- **Non-OECD Americas**: Anguilla;
- **Asia:** Christmas Island; Nauru; Niue and Tuvalu.

10. Data for Indonesia and Gabon, that re-joined OPEC in January and July 2016, respectively, are not included in the OPEC aggregate in the current edition.

11. Oil data for Liechtenstein are included under Switzerland.

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PART II

STATISTICAL TABLES BY COUNTRY AND REGION

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WORLD AND REGIONAL TOTALS

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World

2014

SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat [2] (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	1107635	5092760	709673	815860	727961	30487	359077	3251919	6265826	36608	136264391
From other sources	-	203457	320	-	435	-	1803	4151	-	-	244849
Imports	291690	978481	133605	5189	28609	1114	-	-	-	285	39289063
Exports	-310722	-885373	-162531	-8740	-28021	-1755	-	-	-	-375	-40169995
Stock changes	-3052	-69919	6723	6305	-2163	27	-	-	-	-1370	-410033
DOMESTIC SUPPLY	**1085551**	**5319406**	**687790**	**818614**	**726821**	**29873**	**360880**	**3256070**	**6265826**	**35148**	**135218275**
Transfers	-	-	-	-	-591	-	-	-	-	-	-
Statistical differences	1709	449	1468	-4669	-4021	-372	-9366	-5757	-326166	29	682955
TRANSFORMATION	**992407**	**3812877**	**654910**	**777490**	**505293**	**2374**	**143050**	**772978**	**1902149**	**32235**	**55238385**
Electricity plants	45038	3257029	649513	539433	2	929	3200	475221	1206552	18508	35880470
CHP plants	569	190315	4287	201582	17	1369	19185	170803	376462	6010	14310150
Heat plants	510	245614	202	9068	11	72	1746	126954	319112	1629	3667756
Blast furnaces	25085	20441	-	-	503305	-	-	-	-	-	7378
Gas works	1557	22980	-	6855	438	-	-	-	-	1043	8516
Coke/pat.fuel/BKB/PB plants	917849	61537	908	20552	839	4	-	-	-	1071	535
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	1799	14958	-	-	-	-	-	-	-	3974	810728
Other transformation	-	3	-	-	681	-	118919	-	23	-	552852
ENERGY IND. OWN USE	**8345**	**129480**	**85**	**2248**	**6910**	**201**	**8037**	**686831**	**399860**	**158**	**13573518**
Fuel mining and extraction	1079	57105	84	1020	1202	94	89	12598	1543	18	8523228
Oil refineries	-	7	-	2	-	-	-	1365	-	-	2691560
Elec., CHP and heat plants	95	14193	1	312	489	21	-	8720	527	21	210829
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	7171	58175	-	914	5219	86	7948	664148	397790	119	2147901
Losses	3531	1084	-	59	238	-	116	7685	57962	73	1012940
FINAL CONSUMPTION	**82977**	**1376414**	**34263**	**34148**	**209768**	**26926**	**200311**	**1782819**	**3579689**	**2711**	**66076387**
INDUSTRY	**76001**	**1026787**	**31870**	**21365**	**184786**	**16806**	**133635**	**1689873**	**3578735**	**1041**	**25525177**
Iron and steel	39660	200837	787	190	126503	6042	15740	1414415	3568715	-	2575273
Chemical and petrochemical	5281	139444	1618	2415	22978	5387	49088	102688	5365	17	5633441
Non-ferrous metals	4671	27966	1768	199	6966	79	36410	19604	2183	-	781988
Non-metallic minerals	6463	420047	12949	7229	12412	3353	15952	83923	2470	208	2547475
Transport equipment	33	4524	-	46	1893	18	431	2167	-	1	555353
Machinery	1001	14649	3	21	9202	77	4407	10665	2	1	1196510
Mining and quarrying	1047	14821	533	121	2292	290	3135	7469	-	1	334881
Food and tobacco	421	55585	4242	1280	333	510	944	1604	-	44	2104276
Paper, pulp and print	167	30113	4034	1119	18	482	2104	37	-	735	1081969
Wood and wood products	6	7036	29	7	30	11	-	55	-	26	135077
Construction	87	9261	37	52	101	6	42	-	-	3	316172
Textile and leather	58	24480	220	3613	40	226	47	3282	-	-	290141
Non-specified	17106	78024	5650	5073	2018	325	5335	43964	-	5	7972621
TRANSPORT	**100**	**5444**	**-**	**4**	**27**	**-**	**-**	**-**	**-**	**9**	**4555727**
World aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	1772984
Rail	96	5379	-	4	23	-	-	-	-	4	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	2745242
World marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	4893
Non-specified	4	65	-	-	4	-	-	-	-	5	32608
OTHER	**126**	**269766**	**2393**	**11376**	**2448**	**9551**	**66676**	**73341**	**-**	**1564**	**28544159**
Residential	23	123052	187	8221	623	8968	57747	66720	-	1195	19528378
Comm. and public services	101	61650	728	1287	1441	374	8929	6621	-	179	8455865
Agriculture/forestry	2	28501	74	256	373	78	-	-	-	190	403941
Fishing	-	7	-	1	-	-	-	-	-	-	2753
Non-specified	-	56556	1404	1611	11	131	-	-	-	-	153222
NON-ENERGY USE	**6750**	**74417**	**-**	**1403**	**22507**	**569**	**-**	**19605**	**954**	**97**	**7451324**
in industry/transf./energy	6625	74310	-	1361	22062	569	-	19605	954	97	7451324
of which: chem./petrochem.	-	*2585*	-	-	*1716*	-	-	*67*	*792*	-	*7378712*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	125	107	-	42	445	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. The peat column also includes the quantities of oil shale for Estonia and Israel.

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World

2014

SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [3]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [4]	Aviation fuels [5]	Other kerosene	Gas / Diesel [4]
Production	3822508	377347	-	3756	123031	111392	942144	274387	60618	1329242
From other sources	22490	-	33149	2887	-	-	-	-	-	-
Imports	2073856	23679	70003	10302	-	86491	190691	69218	8870	349783
Exports	-2015829	-73855	-19751	-3057	-	-82563	-182499	-78452	-15858	-349773
Stock changes	-9139	-3809	1222	-182	-	-1226	-10929	804	-1113	-1367
DOMESTIC SUPPLY	**3893886**	**323362**	**84623**	**13706**	**123031**	**114094**	**939407**	**265957**	**52517**	**1327885**
Transfers	-15846	-216552	46095	-6779	10123	191474	24918	864	-8351	7258
Statistical differences	1667	114	-1035	728	-72	-1697	3915	-700	613	-1243
TRANSFORMATION	**3849611**	**99890**	**129683**	**7655**	**10128**	**5939**	**89**	**73**	**828**	**83874**
Electricity plants	39949	1	-	-	3122	574	38	71	368	80992
CHP plants	7	-	-	-	3748	134	-	1	5	1501
Heat plants	675	-	-	-	2728	75	-	-	-	931
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	1	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	3808979	98958	129683	7655	-	-	-	-	-	-
Petrochemical plants	1	931	-	-	368	3202	51	1	455	447
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	162	1953	-	-	-	3
ENERGY IND. OWN USE	**9686**	**1596**	**-**	**-**	**108807**	**3394**	**1505**	**34**	**58**	**24802**
Fuel mining and extraction	8317	1596	-	-	4890	1506	1400	-	35	22004
Oil refineries	1353	-	-	-	103894	1564	84	34	16	1689
Elec., CHP and heat plants	16	-	-	-	8	7	2	-	4	1028
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	15	317	19	-	3	81
Losses	8816	15	-	-	256	67	75	3	-	54
FINAL CONSUMPTION	**11594**	**5423**	**-**	**-**	**13891**	**294471**	**966571**	**266011**	**43893**	**1225170**
INDUSTRY	**6685**	**5**	**-**	**-**	**11459**	**19404**	**2526**	**171**	**3470**	**109707**
Iron and steel	-	-	-	-	-	1230	-	-	102	2543
Chemical and petrochemical	52	5	-	-	11089	5812	289	-	178	5236
Non-ferrous metals	-	-	-	-	-	282	2	-	45	1003
Non-metallic minerals	8	-	-	-	-	1941	10	-	123	6743
Transport equipment	-	-	-	-	-	246	8	1	94	1393
Machinery	-	-	-	-	-	1248	27	12	289	4196
Mining and quarrying	-	-	-	-	-	549	365	98	41	18657
Food and tobacco	7	-	-	-	-	1155	23	-	233	6738
Paper, pulp and print	-	-	-	-	-	360	1	-	25	1468
Wood and wood products	-	-	-	-	-	69	3	-	33	1793
Construction	-	-	-	-	-	1831	188	-	383	24040
Textile and leather	11	-	-	-	-	223	12	-	80	2297
Non-specified	6607	-	-	-	370	4458	1598	60	1844	33600
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**22655**	**952516**	**262834**	**200**	**911699**
World aviation bunkers	-	-	-	-	-	-	-	160582	128	-
Domestic aviation	-	-	-	-	-	-	31	102065	-	9
Road	-	-	-	-	-	22123	946918	-	6	816727
Rail	-	-	-	-	-	1	79	-	-	28811
Pipeline transport	-	-	-	-	-	2	59	-	64	204
World marine bunkers	-	-	-	-	-	-	8	47	-	30779
Domestic navigation	-	-	-	-	-	5	5172	-	2	32150
Non-specified	-	-	-	-	-	524	249	140	-	3019
OTHER	**176**	**-**	**-**	**-**	**-**	**139366**	**11040**	**2999**	**37598**	**198392**
Residential	-	-	-	-	-	114259	231	-	28066	46335
Comm. and public services	-	-	-	-	-	20342	1664	1600	6361	47921
Agriculture/forestry	13	-	-	-	-	2245	7817	-	469	92686
Fishing	-	-	-	-	-	15	139	-	4	4833
Non-specified	163	-	-	-	-	2505	1189	1399	2698	6617
NON-ENERGY USE	**4733**	**5418**	**-**	**-**	**2432**	**113046**	**489**	**7**	**2625**	**5372**
in industry/transf./energy	4733	5418	-	-	2432	113045	489	7	2613	5372
of which: chem./petrochem.	*4680*	*5416*	-	-	*2432*	*111884*	*489*	*7*	*1301*	*5372*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	1	-	-	12	-

3. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
4. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
5. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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World

2014

SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [6] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	467435	252327	123726	274473	52463221	103415	1267393	2101449	23903353	13822239
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	248640	113910	43728	61375	343014 e	13921	-	19513	717768	230
Exports	-301388	-95820	-54590	-67351	-257541	-15346	-	-2627	-690060	-215
Stock changes	580	-915	-585	107	-5395	-1895	-	865	-	-
DOMESTIC SUPPLY	**415267**	**269502**	**112279**	**268604**	**52543299**	**100095**	**1267393**	**2119200**	**23931061**	**13822254**
Transfers	-16805	7021	1891	-19785	-	-	-	-	-	-
Statistical differences	4488	-2595	-1630	3445	5517	-70	-85	1352	-5001	-18912
TRANSFORMATION	**123263**	**26583**	**14379**	**7258**	**7799370**	**1737**	**751691**	**1734490**	**4384**	**60886**
Electricity plants	108060	495	8025	1887	2601328	1142	442730	893599	-	30352
CHP plants	5987	889	1382	3586	1471219	518	295897	621321	-	-
Heat plants	7841	-	1508	369	252868	75	9359	214437	4384	-
Blast furnaces	396	-	-	-	2245	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	3464	101	60	-	-	5133	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	979	24902	-	769	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	297	-	546	3471650	2	3705	-	-	30534
ENERGY IND. OWN USE	**19548**	**279**	**24301**	**13585**	**535837**	**314**	**22832**	**12955**	**2117119**	**1457851**
Fuel mining and extraction	451	-	1366	319	429	276	-	1	380682	212520
Oil refineries	16622	279	22920	12284	345	38	19	7492	261310	826849
Elec., CHP and heat plants	261	-	-	11	5185	-	161	1393	1258659	242801
Pumped storage plants	-	-	-	-	-	-	-	-	118710	-
Other energy ind. own use	2214	-	15	971	529878	-	22652	4069	97758	175681
Losses	46	-	115	5	6793	1	1015	7	1968525	820049
FINAL CONSUMPTION	**260093**	**247066**	**73745**	**231416**	**44206816**	**97973**	**491770**	**373100**	**19836032**	**11464556**
INDUSTRY	**60040**	**9972**	**51753**	**33480**	**7701646**	**907**	**58295**	**315371**	**8434557**	**5150587**
Iron and steel	2487	-	1454	35	137542	10	93	8503	1178942	647658
Chemical and petrochemical	6606	9796	1020	12909	23131	42	2703	40972	1172220	2103690
Non-ferrous metals	2700	-	725	351	1284	-	85	1304	925885	140245
Non-metallic minerals	5616	-	33721	575	195800	22	319	182971	602047	130523
Transport equipment	231	-	-	27	1035	5	25	916	274297	169282
Machinery	980	-	121	141	5368	19	356	213	913656	224149
Mining and quarrying	2180	-	653	157	2649	97	83	422	343199	96619
Food and tobacco	2419	-	112	71	1279193	17	7581	3233	471009	460892
Paper, pulp and print	2377	-	253	48	2481507	414	24703	46795	394442	498127
Wood and wood products	133	-	-	-	309629	8	13	7741	118586	84385
Construction	884	-	7	842	5601	186	2	208	174682	56292
Textile and leather	1336	-	-	13	9934	-	46	1436	333861	291366
Non-specified	32091	176	13687	18311	3248973	87	22286	20657	1531731	247359
TRANSPORT	**187936**	**-**	**-**	**237**	**21**	**95644**	**5804**	**-**	**302733**	**-**
World aviation bunkers	-	-	-	-	x	-	-	-	-	-
Domestic aviation	33	-	-	-	-	-	-	-	-	-
Road	55	-	-	14	-	94783	5794	-	3197	-
Rail	110	-	-	88	21	236	-	-	231973	-
Pipeline transport	4	-	-	3	-	-	-	-	31604	-
World marine bunkers	168810	-	-	119	x	77	-	-	-	-
Domestic navigation	15173	-	-	2	-	538	-	-	-	-
Non-specified	3751	-	-	11	-	10	10	-	35959	-
OTHER	**9145**	**2**	**50**	**854**	**36505148**	**1422**	**427671**	**57729**	**11098742**	**6313969**
Residential	314	-	33	7	35142246	379	337838	614	5353641	4409979
Comm. and public services	3620	-	11	75	880582	365	76987	55323	4374854	1476019
Agriculture/forestry	908	-	-	25	374699	657	11506	1792	557217	131911
Fishing	757	-	-	18	98	15	-	-	5769	802
Non-specified	3546	2	6	729	107524 e	6	1340	-	807261	295258
NON-ENERGY USE	**2972**	**237092**	**21942**	**196845**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	2972	237092	21923	163446	-	-	-	-	-	-
of which: chem./petrochem.	*2968*	*236898*	*710*	*24571*	-	-	-	-	-	-
in transport	-	-	-	5447	-	-	-	-	-	-
in other	-	-	19	27952	-	-	-	-	-	-

6. Includes both primary and secondary solid biofuels.

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OECD Total

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat [2] (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	311181	684730	460744	550167	127842	9002	74280	981896	1624368	33429	48677989
From other sources	-	13302	320	-	435	-	1803	4151	-	-	162068
Imports	142306	484914	8815	2614	16497	1069	-	-	-	159	28803359
Exports	-272293	-272021	-5897	-2876	-12668	-1579	-	-	-	-57	-14265042
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	4273	-21923	3651	6855	173	-43	-	-	-	-2165	-682819
DOMESTIC SUPPLY	**185467**	**889002**	**467633**	**556760**	**132279**	**8449**	**76083**	**986047**	**1624368**	**31366**	**62695555**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	401	-8463	1102	-4523	-2208	-297	-89	-5608	-1319	29	449958
TRANSFORMATION	**182948**	**787220**	**455759**	**535842**	**102349**	**977**	**73143**	**208388**	**755895**	**29480**	**22547289**
Electricity plants	3027	674828	451411	400947	2	347	3200	140980	563911	18508	16954708
CHP plants	556	77110	3452	112110	5	564	19185	63398	188382	4733	4811183
Heat plants	119	6280	4	398	3	66	925	4010	3579	735	371401
Blast furnaces	25085	11764	-	-	101685	-	-	-	-	-	7378
Gas works	-	-	-	6855	65	-	-	-	-	1043	1544
Coke/pat.fuel/BKB/PB plants	154161	17235	892	15532	161	-	-	-	-	487	535
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	3974	-
Other transformation	-	3	-	-	428	-	49833	-	23	-	400540
ENERGY IND. OWN USE	**69**	**1643**	**77**	**1852**	**3972**	**54**	**1147**	**291374**	**338912**	**78**	**6223236**
Fuel mining and extraction	-	90	77	905	-	2	89	132	1543	18	4132642
Oil refineries	-	7	-	2	-	-	-	1365	-	-	1592478
Elec., CHP and heat plants	-	1544	-	52	-	-	-	12	19	-	140480
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	69	2	-	893	3972	52	1058	289865	337350	60	357636
Losses	-	62	-	5	-	-	116	6085	35822	-	101848
FINAL CONSUMPTION	**2851**	**91614**	**12899**	**14538**	**23750**	**7121**	**1588**	**474592**	**492420**	**1837**	**34273140**
INDUSTRY	**2663**	**70169**	**12029**	**7698**	**19780**	**3506**	**312**	**474423**	**491628**	**984**	**12402547**
Iron and steel	2260	8804	-	15	15529	254	-	398552	481608	-	1227222
Chemical and petrochemical	-	13066	1306	1739	1394	164	230	23834	5365	16	3414930
Non-ferrous metals	-	1140	1637	197	588	3	-	57	2183	-	540611
Non-metallic minerals	-	29398	1791	2161	861	2298	-	8507	2470	164	1242142
Transport equipment	-	116	-	35	149	-	-	1669	-	-	365479
Machinery	-	381	1	16	161	3	-	661	2	-	920961
Mining and quarrying	-	177	116	9	79	118	-	369	-	-	181033
Food and tobacco	8	5392	3797	964	166	261	2	-	-	42	1721073
Paper, pulp and print	-	7424	772	307	1	318	-	-	-	735	939370
Wood and wood products	-	97	28	5	-	5	-	-	-	26	115745
Construction	-	13	37	14	4	6	42	-	-	-	148508
Textile and leather	-	361	3	691	-	-	-	-	-	-	230016
Non-specified	395	3800	2541	1545	848	76	38	40774	-	1	1355457
TRANSPORT	**-**	**16**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**1331159**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	172339
Rail	-	16	-	1	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	1151295
Domestic navigation	-	-	-	-	-	-	-	-	-	-	4893
Non-specified	-	-	-	-	-	-	-	-	-	-	2632
OTHER	**57**	**21133**	**870**	**5480**	**1217**	**3047**	**1276**	**1**	**-**	**756**	**19011770**
Residential	9	12617	68	4821	259	2954	734	-	-	598	11836949
Comm. and public services	48	6880	728	452	923	15	542	1	-	12	6840012
Agriculture/forestry	-	1581	74	207	24	78	-	-	-	146	270106
Fishing	-	4	-	-	-	-	-	-	-	-	1514
Non-specified	-	51	-	-	11	-	-	-	-	-	63189
NON-ENERGY USE	**131**	**296**	**-**	**1359**	**2753**	**568**	**-**	**168**	**792**	**97**	**1527664**
in industry/transf./energy	6	248	-	1359	2452	568	-	168	792	97	1527664
of which: chem./petrochem.	*-*	*30*	*-*	*-*	*1716*	*-*	*-*	*67*	*792*	*-*	*1527396*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	125	48	-	-	301	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. The peat column also includes the quantities of oil shale for Estonia and Israel.

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OECD Total

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [3]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [4]	Aviation fuels [5]	Other kerosene	Gas / Diesel [4]
Production	912040	133188	-	3289	54928	37222	578067	149041	29404	651312
From other sources	8459	-	28670	2887	-	-	-	-	-	-
Imports	1255441	22853	57926	7784	-	44403	77256	42630	3978	164647
Exports	-335196	-26971	-19656	-3053	-	-14881	-111641	-36061	-2993	-187959
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-12676
Intl. aviation bunkers	-	-	-	-	-	-	-	-87565	-	-
Stock changes	-1895	-3826	1131	-188	-	-1258	-1078	479	-245	-857
DOMESTIC SUPPLY	**1838849**	**125244**	**68071**	**10719**	**54928**	**65486**	**542604**	**68524**	**30144**	**614467**
Transfers	-7191	-85802	24068	-6779	10123	80710	15485	1617	-8225	752
Statistical differences	5979	-173	-1155	711	-154	-379	3404	-797	132	-6766
TRANSFORMATION	**1837534**	**33973**	**90984**	**4651**	**6189**	**5823**	**74**	**70**	**819**	**7806**
Electricity plants	5783	1	-	-	2107	544	23	69	366	6749
CHP plants	-	-	-	-	3142	134	-	1	5	464
Heat plants	-	-	-	-	410	16	-	-	-	193
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	1	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	1831751	33041	90984	4651	-	-	-	-	-	-
Petrochemical plants	-	931	-	-	368	3175	51	-	448	397
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	162	1953	-	-	-	3
ENERGY IND. OWN USE	**57**	**-**	**-**	**-**	**54054**	**1675**	**1407**	**34**	**23**	**13287**
Fuel mining and extraction	41	-	-	-	4843	1175	1400	-	14	12302
Oil refineries	-	-	-	-	49211	490	5	34	2	908
Elec., CHP and heat plants	16	-	-	-	-	5	-	-	4	41
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	5	2	-	3	36
Losses	-	-	-	-	33	-	-	-	-	-
FINAL CONSUMPTION	**46**	**5296**	**-**	**-**	**4621**	**138319**	**560012**	**69240**	**21209**	**587360**
INDUSTRY	**46**	**1**	**-**	**-**	**2797**	**9599**	**1426**	**170**	**2773**	**42873**
Iron and steel	-	-	-	-	-	697	-	-	92	508
Chemical and petrochemical	24	1	-	-	2732	1864	288	-	141	2890
Non-ferrous metals	-	-	-	-	-	126	-	-	35	421
Non-metallic minerals	7	-	-	-	-	812	9	-	88	2358
Transport equipment	-	-	-	-	-	137	4	1	61	608
Machinery	-	-	-	-	-	880	16	11	244	1833
Mining and quarrying	-	-	-	-	-	427	341	98	24	8682
Food and tobacco	4	-	-	-	-	665	12	-	224	2746
Paper, pulp and print	-	-	-	-	-	250	-	-	22	731
Wood and wood products	-	-	-	-	-	53	-	-	31	1068
Construction	-	-	-	-	-	1406	10	-	270	15046
Textile and leather	11	-	-	-	-	110	12	-	68	788
Non-specified	-	-	-	-	65	2172	734	60	1473	5194
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**15739**	**551286**	**66243**	**7**	**437469**
Domestic aviation	-	-	-	-	-	-	2	66103	-	8
Road	-	-	-	-	-	15581	546361	-	5	409876
Rail	-	-	-	-	-	-	-	-	-	17452
Pipeline transport	-	-	-	-	-	-	1	-	-	10
Domestic navigation	-	-	-	-	-	-	4885	-	2	9732
Non-specified	-	-	-	-	-	158	37	140	-	391
OTHER	**-**	**-**	**-**	**-**	**-**	**43696**	**6915**	**2827**	**17145**	**101922**
Residential	-	-	-	-	-	29891	159	-	11546	35911
Comm. and public services	-	-	-	-	-	11823	1422	1446	5305	28810
Agriculture/forestry	-	-	-	-	-	1845	5150	-	153	32851
Fishing	-	-	-	-	-	14	21	-	4	2915
Non-specified	-	-	-	-	-	123	163	1381	137	1435
NON-ENERGY USE	**-**	**5295**	**-**	**-**	**1824**	**69285**	**385**	**-**	**1284**	**5096**
in industry/transf./energy	-	5295	-	-	1824	69285	385	-	1284	5096
of which: chem./petrochem.	*-*	*5295*	*-*	*-*	*1824*	*69253*	*385*	*-*	*1272*	*5096*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

3. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
4. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
5. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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OECD Total

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [6] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	146527	92695	75821	122627	7681744	65526	867071	1561154	10846936	2969933
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	89911	80552	23064	27135	311721 e	12042	-	17241	479315	230
Exports	-111945	-29357	-42116	-42661	-125645	-10405	-	-2627	-474721	-215
Intl. marine bunkers	-58695	-	-	-112	-	-77	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	1379	-287	-733	-458	-2684	-277	-	-3	-	-
DOMESTIC SUPPLY	**67177**	**143603**	**56036**	**106531**	**7865137**	**66809**	**867071**	**1575765**	**10851530**	**2969948**
Transfers	-6272	-2590	1651	-10686	-	-	-	-	-	-
Statistical differences	-850	986	-1461	6686	6868	95	-72	356	-891	-19795
TRANSFORMATION	**31269**	**22825**	**9360**	**5839**	**2170726**	**1491**	**709415**	**1231958**	**4379**	**51615**
Electricity plants	26959	198	6882	1842	945127	896	409971	592051	-	21081
CHP plants	2555	889	929	3195	1061203	518	286959	536719	-	-
Heat plants	466	-	-	32	154794	75	9357	98055	4379	-
Blast furnaces	396	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	1549	101	-	-	-	5133	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	893	21738	-	669	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	9602	2	3128	-	-	30534
ENERGY IND. OWN USE	**7243**	**66**	**23418**	**3503**	**12031**	**309**	**22804**	**5819**	**845940**	**299588**
Fuel mining and extraction	240	-	1366	2	428	276	-	1	104797	8835
Oil refineries	6870	66	22037	2790	343	33	19	356	115592	146705
Elec., CHP and heat plants	62	-	-	2	3369	-	150	1393	485158	102116
Pumped storage plants	-	-	-	-	-	-	-	-	84166	-
Other energy ind. own use	71	-	15	709	7891	-	22635	4069	56227	41932
Losses	-	-	-	-	11	-	907	7	680061	220691
FINAL CONSUMPTION	**21543**	**119108**	**23448**	**93189**	**5689237**	**65104**	**133873**	**338337**	**9320259**	**2378259**
INDUSTRY	**12004**	**6563**	**15697**	**2449**	**2750164**	**807**	**37316**	**286847**	**2983446**	**1015742**
Iron and steel	550	-	1178	12	1776	2	93	2719	328014	24192
Chemical and petrochemical	3452	6499	910	1342	16829	41	2530	38651	429432	483490
Non-ferrous metals	722	-	13	278	654	-	85	1304	278085	8638
Non-metallic minerals	1820	-	11204	353	60755	21	319	176159	165266	9960
Transport equipment	119	-	-	1	920	5	25	796	153100	30019
Machinery	283	-	121	41	4292	18	356	57	389487	30566
Mining and quarrying	802	-	8	106	1255	92	83	-	120187	3589
Food and tobacco	943	-	-	57	168896	16	7489	1737	247509	77081
Paper, pulp and print	1566	-	253	46	2110523	414	24703	44813	249768	130472
Wood and wood products	98	-	-	-	279577	8	13	1809	70557	28071
Construction	167	-	-	11	4792	184	2	208	81421	2070
Textile and leather	421	-	-	1	2733	-	46	1356	69493	28051
Non-specified	1061	64	2010	201	97162	6	1572	17238	401127	159543
TRANSPORT	**5426**	**-**	**-**	**22**	**-**	**63364**	**5804**	**-**	**104406**	**-**
Domestic aviation	33	-	-	-	-	-	-	-	-	-
Road	19	-	-	11	-	62591	5794	-	2706	-
Rail	50	-	-	-	-	231	-	-	82252	-
Pipeline transport	1	-	-	3	-	-	-	-	5212	-
Domestic navigation	5323	-	-	-	-	534	-	-	-	-
Non-specified	-	-	-	8	-	8	10	-	14236	-
OTHER	**1982**	**2**	**44**	**109**	**2939073**	**933**	**90753**	**51490**	**6232407**	**1362517**
Residential	128	-	33	-	2660369	1	1751	614	2920073	865960
Comm. and public services	1190	-	11	60	174502	304	76534	50876	2941370	465832
Agriculture/forestry	406	-	-	18	103284	618	11128	-	119237	9904
Fishing	197	-	-	18	62	4	-	-	3983	412
Non-specified	61	2	-	13	857 e	6	1340	-	247744	20409
NON-ENERGY USE	**2131**	**112543**	**7707**	**90609**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	2131	112543	7689	82746	-	-	-	-	-	-
of which: chem./petrochem.	*2130*	*112357*	*688*	*10293*	-	-	-	-	-	-
in transport	-	-	-	3780	-	-	-	-	-	-
in other	-	-	18	4083	-	-	-	-	-	-

6. Includes both primary and secondary solid biofuels.

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OECD Total: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat [2] (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	300651	624541	442144	531184	125386	8400	72509	980742	1606523	27673	49981149
From other sources	-	1814	-	-	356	-	1562	4885	-	-	149209
Imports	142495	483655	12345	2234	15161	1103	-	-	-	144	29435203
Exports	-263064	-276212	-5390	-2538	-12149	-1497	-	-	-	-25	-15099389
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	5652	-939	-33388	5161	305	9	-	-	-	-46	-476694
DOMESTIC SUPPLY	**185734**	**832859**	**415711**	**536041**	**129059**	**8015**	**74071**	**985627**	**1606523**	**27746**	**63989478**

SUPPLY	Oil (kt)									
	Crude oil [3]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [4]	Aviation fuels [5]	Other kerosene	Gas / Diesel [4]
Production	950846	140350	-	3164	56404	37142	593660	155718	30121	661935
From other sources	8554	-	33263	2738	-	-	-	-	-	-
Imports	1309178	22110	55346	8010	-	44419	87359	46354	3680	176607
Exports	-355788	-35700	-25054	-3101	-	-14798	-127540	-39130	-3266	-199731
Intl. marine bunkers	-	-	-	-	-	-	-	-	-40	-17098
Intl. aviation bunkers	-	-	-	-	-	-	-	-89489	-	-
Stock changes	-17983	47	-820	44	-	-1238	-549	-2044	110	-8638
DOMESTIC SUPPLY	**1894807**	**126807**	**62735**	**10855**	**56404**	**65525**	**552930**	**71409**	**30605**	**613075**
Transfers	-7353	-87842	22368	-6943	9810	81616	19613	3288	-9072	1484

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [6] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	143924	100140	76100	126790	7785059	65923	896748	1526557	10822381	3000715
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	90605	80509	23824	28729	337636	12064	-	17670	509749	245
Exports	-116645	-31268	-42152	-45098	-121918	-9748	-	-2627	-511116	-229
Intl. marine bunkers	-56458	-	-	-95	-	-77	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-2201	419	-6	3	-3092	-848	-	-	-	-
DOMESTIC SUPPLY	**59225**	**149800**	**57766**	**110329**	**7997685**	**67314**	**896748**	**1541600**	**10821014**	**3000731**
Transfers	-3230	-4917	1303	-13494	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. The peat column also includes the quantities of oil shale for Estonia and Israel.
3. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
4. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
5. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
6. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	106549	371191	435715	80810	18808	-	49833	125678	177261	-	36191577
From other sources	-	12121	320	-	-	-	536	-	-	-	74386
Imports	7996	25147	2349	123	1550	3	-	-	-	-	4970614
Exports	-85558	-33193	-5875	-113	-1072	-	-	-	-	-	-4656084
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-655	-8930	2586	4237	154	-	-	-	-	-	-359269
DOMESTIC SUPPLY	**28332**	**366336**	**435095**	**85057**	**19440**	**3**	**50369**	**125678**	**177261**	**-**	**36221224**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-1494	-2606	1214	-6073	5	-	-88	1	-	-	239591
TRANSFORMATION	**26154**	**339435**	**426949**	**76309**	**14463**	**-**	**49833**	**5749**	**41839**	**-**	**12122970**
Electricity plants	-	324068	424437	70911	-	-	-	1733	11594	-	9508962
CHP plants	-	14430	2512	7	-	-	-	3974	30245	-	2270420
Heat plants	-	-	-	-	-	-	-	42	-	-	-
Blast furnaces	-	937	-	-	14463	-	-	-	-	-	-
Gas works	-	-	-	5391	-	-	-	-	-	-	333
Coke/pat.fuel/BKB/PB plants	26154	-	-	-	-	-	-	-	-	-	17
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	49833	-	-	-	343238
ENERGY IND. OWN USE	**-**	**62**	**1**	**-**	**134**	**-**	**4**	**40859**	**47244**	**-**	**4770256**
Fuel mining and extraction	-	62	1	-	-	-	-	-	-	-	3486449
Oil refineries	-	-	-	-	-	-	-	-	-	-	1172671
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	134	-	4	40859	47244	-	111136
Losses	-	-	-	-	-	-	-	17	293	-	21898
FINAL CONSUMPTION	**684**	**24233**	**9359**	**2675**	**4848**	**3**	**444**	**79054**	**87885**	**-**	**19545691**
INDUSTRY	**684**	**23252**	**8835**	**1302**	**4262**	**3**	**21**	**79054**	**87885**	**-**	**6924119**
Iron and steel	300	305	-	-	4155	-	-	38896	87885	-	635665
Chemical and petrochemical	-	4513	1306	427	-	-	-	-	-	-	2249595
Non-ferrous metals	-	335	-	-	-	-	-	-	-	-	206020
Non-metallic minerals	-	9218	1248	-	33	-	-	-	-	-	452624
Transport equipment	-	32	-	-	-	-	-	-	-	-	208369
Machinery	-	287	-	-	-	-	-	-	-	-	488227
Mining and quarrying	-	-	-	-	66	-	-	-	-	-	137123
Food and tobacco	-	3281	3257	34	-	-	-	-	-	-	871934
Paper, pulp and print	-	3637	640	-	-	-	-	-	-	-	513994
Wood and wood products	-	24	-	-	-	-	-	-	-	-	78630
Construction	-	-	-	-	-	-	-	-	-	-	36347
Textile and leather	-	124	-	-	-	-	-	-	-	-	51229
Non-specified	384	1496	2384	841	8	3	21	40158	-	-	994362
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1109759**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	42185
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	1067393
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	181
OTHER	**-**	**981**	**524**	**36**	**-**	**-**	**423**	**-**	**-**	**-**	**10665328**
Residential	-	-	-	36	-	-	113	-	-	-	6317221
Comm. and public services	-	977	524	-	-	-	310	-	-	-	4250215
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	97892
Fishing	-	4	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**1337**	**586**	**-**	**-**	**-**	**-**	**-**	**846485**
in industry/transf./energy	-	-	-	1337	433	-	-	-	-	-	846485
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*846485*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	153	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	756596	118112	-	397	22309	13833	393017	79199	1644	296448
From other sources	6473	-	69	2667	-	-	-	-	-	-
Imports	410291	5123	27364	6091	-	4041	46194	7986	95	23442
Exports	-223164	-25174	-7760	-2484	-	-590	-29851	-8022	-470	-61157
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-5006
Intl. aviation bunkers	-	-	-	-	-	-	-	-25421	-	-
Stock changes	-4783	-3749	38	-179	-	-551	-1054	122	-66	-799
DOMESTIC SUPPLY	**945413**	**94312**	**19711**	**6492**	**22309**	**16733**	**408306**	**53864**	**1203**	**252928**
Transfers	-7062	-71571	7662	-5240	4843	68876	4850	-651	-196	2491
Statistical differences	7948	-182	154	-1	-1	-233	3407	-102	48	-2103
TRANSFORMATION	**946299**	**20490**	**27527**	**1251**	**1955**	**821**	**23**	**70**	**136**	**3341**
Electricity plants	-	-	-	-	686	2	23	69	135	3152
CHP plants	-	-	-	-	1269	106	-	1	1	189
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	946299	20490	27527	1251	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	7	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	706	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**23803**	**1340**	**1402**	**34**	**15**	**9738**
Fuel mining and extraction	-	-	-	-	4843	1078	1397	-	13	8858
Oil refineries	-	-	-	-	18960	262	5	34	2	871
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	9
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**2069**	**-**	**-**	**1393**	**83215**	**415138**	**53007**	**904**	**240237**
INDUSTRY	**-**	**-**	**-**	**-**	**1**	**4602**	**1065**	**158**	**55**	**21297**
Iron and steel	-	-	-	-	-	84	-	-	-	140
Chemical and petrochemical	-	-	-	-	1	690	-	-	-	1655
Non-ferrous metals	-	-	-	-	-	9	-	-	-	24
Non-metallic minerals	-	-	-	-	-	424	-	-	-	486
Transport equipment	-	-	-	-	-	55	-	-	-	100
Machinery	-	-	-	-	-	521	-	-	-	736
Mining and quarrying	-	-	-	-	-	363	341	98	8	5334
Food and tobacco	-	-	-	-	-	128	-	-	-	459
Paper, pulp and print	-	-	-	-	-	85	-	-	1	184
Wood and wood products	-	-	-	-	-	34	-	-	-	882
Construction	-	-	-	-	-	1275	-	-	8	9064
Textile and leather	-	-	-	-	-	29	-	-	-	-
Non-specified	-	-	-	-	-	905	724	60	38	2233
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**2699**	**407882**	**52398**	**3**	**182880**
Domestic aviation	-	-	-	-	-	-	-	52280	-	2
Road	-	-	-	-	-	2699	403581	-	3	163740
Rail	-	-	-	-	-	-	-	-	-	14234
Pipeline transport	-	-	-	-	-	-	1	-	-	8
Domestic navigation	-	-	-	-	-	-	4271	-	-	4819
Non-specified	-	-	-	-	-	-	29	118	-	77
OTHER	**-**	**-**	**-**	**-**	**-**	**26871**	**6191**	**451**	**846**	**32766**
Residential	-	-	-	-	-	18915	-	-	413	9430
Comm. and public services	-	-	-	-	-	6818	1265	451	433	7520
Agriculture/forestry	-	-	-	-	-	1131	4926	-	-	15657
Fishing	-	-	-	-	-	7	-	-	-	159
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**2069**	**-**	**-**	**1392**	**49043**	**-**	**-**	**-**	**3294**
in industry/transf./energy	-	2069	-	-	1392	49043	-	-	-	3294
of which: chem./petrochem.	*-*	*2069*	*-*	*-*	*1392*	*49013*	*-*	*-*	*-*	*3294*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	45922	15773	63034	54589	3601576	48421	204350	367304	5370650	468222
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	13457	1972	5415	7410	4512	2676	-	-	81443	-
Exports	-31937	-3218	-36022	-9387	-34159	-3028	-	-	-74372	-
Intl. marine bunkers	-11177	-	-	-1	-	-77	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	638	16	-125	-211	-	-241	-	-	-	-
DOMESTIC SUPPLY	**16903**	**14543**	**32302**	**52400**	**3571929**	**47751**	**204350**	**367304**	**5377721**	**468222**
Transfers	-241	-983	1687	-3958	-	-	-	-	-	-
Statistical differences	1016	1404	-863	2917	6175	-	87	-	-6003	1
TRANSFORMATION	**10521**	**62**	**6061**	**95**	**740763**	**133**	**180547**	**320829**	**-**	**1936**
Electricity plants	9936	-	5581	50	335935	35	157601	264254	-	1936
CHP plants	585	-	480	45	401502	98	19172	52338	-	-
Heat plants	-	-	-	-	-	-	3688	4237	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	62	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	3326	-	86	-	-	-
ENERGY IND. OWN USE	**1844**	**43**	**17997**	**1737**	**90**	**276**	**78**	**-**	**416348**	**142970**
Fuel mining and extraction	212	-	1366	-	-	276	-	-	69165	-
Oil refineries	1624	43	16631	1737	90	-	-	-	53763	57249
Elec., CHP and heat plants	-	-	-	-	-	-	78	-	248874	85721
Pumped storage plants	-	-	-	-	-	-	-	-	26437	-
Other energy ind. own use	8	-	-	-	-	-	-	-	18109	-
Losses	-	-	-	-	-	-	-	-	359660	51433
FINAL CONSUMPTION	**5313**	**14859**	**9068**	**49527**	**2837251**	**47342**	**23812**	**46475**	**4595710**	**271884**
INDUSTRY	**2518**	**22**	**7163**	**-**	**1664199**	**699**	**21601**	**28698**	**1185845**	**221369**
Iron and steel	110	-	28	-	-	2	61	-	60377	6850
Chemical and petrochemical	303	-	18	-	1728	27	65	9671	137582	126920
Non-ferrous metals	-	-	-	-	-	-	-	-	122117	3628
Non-metallic minerals	97	-	5142	-	17907	12	-	5689	49115	138
Transport equipment	16	-	-	-	-	1	22	-	56044	4475
Machinery	1	-	116	-	-	13	-	-	143450	3355
Mining and quarrying	664	-	1	-	-	85	-	-	82781	-
Food and tobacco	139	-	-	-	55487	7	103	484	81701	20539
Paper, pulp and print	701	-	183	-	1497588	407	21152	9715	101031	19979
Wood and wood products	63	-	-	-	55786	8	-	-	24263	9412
Construction	18	-	-	-	-	133	-	-	55819	33
Textile and leather	45	-	-	-	-	-	-	-	17775	5409
Non-specified	361	22	1675	-	35703	4	198	3139	253790	20631
TRANSPORT	**1681**	**-**	**-**	**-**	**-**	**45963**	**-**	**-**	**14696**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	12	-	-	-	-	45233	-	-	2120	-
Rail	50	-	-	-	-	202	-	-	8752	-
Pipeline transport	-	-	-	-	-	-	-	-	3824	-
Domestic navigation	1619	-	-	-	-	528	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**1114**	**-**	**-**	**-**	**1173051**	**680**	**2211**	**17777**	**3395169**	**50515**
Residential	9	-	-	-	1070767	-	-	-	1643831	-
Comm. and public services	786	-	-	-	64799	98	2196	17777	1488578	49674
Agriculture/forestry	298	-	-	-	37424	582	15	-	47089	-
Fishing	21	-	-	-	62	-	-	-	99	-
Non-specified	-	-	-	-	-	-	-	-	215572	841
NON-ENERGY USE	**-**	**14837**	**1905**	**49527**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	14837	1905	46242	-	-	-	-	-	-
of which: chem./petrochem.	-	*14775*	-	*1628*	-	-	-	-	-	-
in transport	-	-	-	275	-	-	-	-	-	-
in other	-	-	-	3010	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	86481	314768	415114	75146	16792	-	50046	113484	159050	-	37467865
From other sources	-	1286	-	-	-	-	500	-	-	-	73674
Imports	7897	23356	4077	116	1751	3	-	-	-	-	5214313
Exports	-69786	-23359	-5339	-121	-943	-	-	-	-	-	-4949943
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	1937	-10117	-34542	2750	59	-	-	-	-	-	-616759
DOMESTIC SUPPLY	**26529**	**305934**	**379310**	**77891**	**17659**	**3**	**50546**	**113484**	**159050**	**-**	**37189150**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	790055	125141	-	321	21091	12846	400548	80808	1819	294720
From other sources	6271	-	95	2495	-	-	-	-	-	-
Imports	411536	5196	27028	6377	-	4500	52560	10000	400	23929
Exports	-241523	-33824	-12575	-2607	-	-411	-34160	-8342	-608	-66153
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-5423
Intl. aviation bunkers	-	-	-	-	-	-	-	-26416	-	-
Stock changes	-12354	135	-662	61	-	-242	-247	-167	-97	-840
DOMESTIC SUPPLY	**953985**	**96648**	**13886**	**6647**	**21091**	**16693**	**418701**	**55883**	**1514**	**246233**
Transfers	-7234	-74150	8510	-5476	4854	69969	6923	207	-454	2852

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	42299	14874	62550	56735	3405731	49187	200269	337001	5325280	480477
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	13605	2076	5913	7258	5011	3144	-	-	86772	-
Exports	-29055	-2948	-35651	-8443	-31073	-2806	-	-	-86730	-
Intl. marine bunkers	-11190	-	-	-1	-	-77	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-1516	-7	223	-391	-	-829	-	-	-	-
DOMESTIC SUPPLY	**14143**	**13995**	**33035**	**55158**	**3379669**	**48619**	**200269**	**337001**	**5325322**	**480477**
Transfers	-107	-922	1687	-6023	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat [2] (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	182055	228649	22956	60860	62708	1842	-	486824	838160	396	3087761
From other sources	-	-	-	-	435	-	113	3624	-	-	76147
Imports	84318	241080	5306	-	3823	-	-	-	-	-	7228171
Exports	-182177	-194587	-22	-	-1346	-6	-	-	-	-	-1264582
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	5553	-6020	216	-2	-42	-44	-	-	-	-	-56911
DOMESTIC SUPPLY	**89749**	**269122**	**28456**	**60858**	**65578**	**1792**	**113**	**490448**	**838160**	**396**	**9070586**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	1624	-7370	-65	400	-13	-	-	-11	3	-	116199
TRANSFORMATION	**89908**	**234713**	**25307**	**60943**	**51353**	**41**	**-**	**111497**	**409899**	**396**	**5380148**
Electricity plants	-	211864	23908	59150	2	41	-	92512	325165	396	5013535
CHP plants	-	5728	507	1219	-	-	-	18985	84734	-	347409
Heat plants	-	-	-	-	-	-	-	-	-	-	18983
Blast furnaces	21576	145	-	-	51351	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	113
Coke/pat.fuel/BKB/PB plants	68332	16976	892	574	-	-	-	-	-	-	14
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	94
ENERGY IND. OWN USE	**-**	**895**	**76**	**-**	**3732**	**42**	**-**	**120801**	**181194**	**-**	**584150**
Fuel mining and extraction	-	-	76	-	-	-	-	-	-	-	193032
Oil refineries	-	-	-	-	-	-	-	-	-	-	67747
Elec., CHP and heat plants	-	895	-	-	-	-	-	10	2	-	126589
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	3732	42	-	120791	181192	-	196782
Losses	-	-	-	-	-	-	-	-	269	-	828
FINAL CONSUMPTION	**1465**	**26144**	**3008**	**315**	**10480**	**1709**	**113**	**258139**	**246801**	**-**	**3221659**
INDUSTRY	**1464**	**26137**	**2881**	**281**	**8581**	**80**	**42**	**257971**	**246801**	**-**	**1512539**
Iron and steel	1458	5148	-	-	5929	-	-	232465	240296	-	202225
Chemical and petrochemical	-	4561	-	-	1099	-	-	20028	3373	-	318069
Non-ferrous metals	-	497	1637	-	502	-	-	-	908	-	172333
Non-metallic minerals	-	12402	434	-	391	-	-	5478	2224	-	126818
Transport equipment	-	-	-	-	132	-	-	-	-	-	45882
Machinery	-	8	-	-	103	-	-	-	-	-	144444
Mining and quarrying	-	-	116	-	10	-	-	-	-	-	13641
Food and tobacco	6	360	540	280	9	76	-	-	-	-	221899
Paper, pulp and print	-	2644	96	-	1	-	-	-	-	-	72386
Wood and wood products	-	5	28	1	-	4	-	-	-	-	8272
Construction	-	-	27	-	-	-	42	-	-	-	5590
Textile and leather	-	99	3	-	-	-	-	-	-	-	58158
Non-specified	-	413	-	-	405	-	-	-	-	-	122822
TRANSPORT	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**73419**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	63176
Rail	-	2	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	9743
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	500
OTHER	**1**	**5**	**127**	**34**	**799**	**1629**	**71**	**-**	**-**	**-**	**1521993**
Residential	-	-	9	10	-	1629	-	-	-	-	962983
Comm. and public services	1	3	44	23	799	-	71	-	-	-	554457
Agriculture/forestry	-	2	74	1	-	-	-	-	-	-	3245
Fishing	-	-	-	-	-	-	-	-	-	-	3
Non-specified	-	-	-	-	-	-	-	-	-	-	1305
NON-ENERGY USE	**-**	**-**	**-**	**-**	**1100**	**-**	**-**	**168**	**-**	**-**	**113708**
in industry/transf./energy	-	-	-	-	1100	-	-	168	-	-	113708
of which: chem./petrochem.	-	-	-	-	*1030*	-	-	*67*	-	-	*113708*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. The peat column also includes the quantities of oil shale for Israel.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [3]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [4]	Aviation fuels [5]	Other kerosene	Gas / Diesel [4]
Production	18196	2467	-	755	13064	7512	69932	35051	15693	105389
From other sources	94	-	12970	-	-	-	-	-	-	-
Imports	321953	6665	3820	46	-	17593	5392	3504	1301	13925
Exports	-12778	-7	-896	-	-	-1686	-11766	-13990	-1413	-33849
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-1087
Intl. aviation bunkers	-	-	-	-	-	-	-	-15594	-	-
Stock changes	2036	-1	814	-16	-	-431	-68	28	-283	653
DOMESTIC SUPPLY	**329501**	**9124**	**16708**	**785**	**13064**	**22988**	**63490**	**8999**	**15298**	**85031**
Transfers	14	-2198	208	-646	257	2893	831	92	84	645
Statistical differences	-1900	-	-1694	-139	-228	-174	1854	-375	347	-2046
TRANSFORMATION	**327519**	**6704**	**15222**	**-**	**1299**	**2756**	**-**	**-**	**230**	**1729**
Electricity plants	5783	1	-	-	1299	480	-	-	230	1728
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	321736	6703	15222	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	1029	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	1247	-	-	-	1
ENERGY IND. OWN USE	**57**	**-**	**-**	**-**	**11782**	**179**	**5**	**-**	**8**	**2521**
Fuel mining and extraction	41	-	-	-	-	86	3	-	1	2457
Oil refineries	-	-	-	-	11782	83	-	-	-	6
Elec., CHP and heat plants	16	-	-	-	-	5	-	-	4	32
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	5	2	-	3	26
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**39**	**222**	**-**	**-**	**12**	**22772**	**66170**	**8716**	**15491**	**79380**
INDUSTRY	**39**	**1**	**-**	**-**	**12**	**2174**	**14**	**-**	**1380**	**12797**
Iron and steel	-	-	-	-	-	318	-	-	92	246
Chemical and petrochemical	24	1	-	-	12	370	-	-	129	737
Non-ferrous metals	-	-	-	-	-	36	-	-	35	334
Non-metallic minerals	-	-	-	-	-	173	-	-	86	987
Transport equipment	-	-	-	-	-	24	-	-	37	217
Machinery	-	-	-	-	-	146	1	-	243	444
Mining and quarrying	-	-	-	-	-	35	-	-	6	2778
Food and tobacco	4	-	-	-	-	191	11	-	186	1410
Paper, pulp and print	-	-	-	-	-	30	-	-	21	364
Wood and wood products	-	-	-	-	-	2	-	-	31	100
Construction	-	-	-	-	-	63	-	-	262	3185
Textile and leather	11	-	-	-	-	37	-	-	67	632
Non-specified	-	-	-	-	-	749	2	-	185	1363
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**5599**	**65983**	**7283**	**2**	**53361**
Domestic aviation	-	-	-	-	-	-	-	7283	-	6
Road	-	-	-	-	-	5596	65718	-	2	50644
Rail	-	-	-	-	-	-	-	-	-	1300
Pipeline transport	-	-	-	-	-	-	-	-	-	1
Domestic navigation	-	-	-	-	-	-	259	-	-	1298
Non-specified	-	-	-	-	-	3	6	-	-	112
OTHER	**-**	**-**	**-**	**-**	**-**	**8962**	**173**	**1433**	**13480**	**13080**
Residential	-	-	-	-	-	5283	-	-	8347	582
Comm. and public services	-	-	-	-	-	3600	5	995	4859	7709
Agriculture/forestry	-	-	-	-	-	58	165	-	149	2855
Fishing	-	-	-	-	-	3	3	-	3	1337
Non-specified	-	-	-	-	-	18	-	438	122	597
NON-ENERGY USE	**-**	**221**	**-**	**-**	**-**	**6037**	**-**	**-**	**629**	**142**
in industry/transf./energy	-	221	-	-	-	6037	-	-	629	142
of which: chem./petrochem.	-	*221*	-	-	-	*6037*	-	-	*624*	*142*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

3. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
4. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
5. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [6] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	30449	40005	2037	19359	674501	862	29236	227954	1944274	230346
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	13492	44001	6270	2954	185 e	2	-	-	-	-
Exports	-6196	-4565	-47	-8008	-	-	-	-	-4844	-
Intl. marine bunkers	-11817	-	-	-12	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	124	-232	-9	-230	-	-5	-	-	-	-
DOMESTIC SUPPLY	**26052**	**79209**	**8251**	**14063**	**674686**	**859**	**29236**	**227954**	**1939430**	**230346**
Transfers	-1636	2173	-2	2546	-	-	-	-	-	-
Statistical differences	-209	-602	-616	692	627	16	-1	-467	5091	-7177
TRANSFORMATION	**13519**	**12972**	**1881**	**1622**	**292627**	**176**	**22864**	**107407**	**1077**	**850**
Electricity plants	13209	198	964	1245	264669	176	15392	65321	-	850
CHP plants	152	879	290	230	21925	-	7398	8602	-	-
Heat plants	158	-	-	-	5506	-	74	28351	1077	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	627	101	-	-	-	5133	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	11895	-	46	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	527	-	-	-	-	-
ENERGY IND. OWN USE	**2413**	**21**	**721**	**902**	**-**	**-**	**-**	**-**	**126979**	**5606**
Fuel mining and extraction	25	-	-	2	-	-	-	-	11521	-
Oil refineries	2268	21	721	189	-	-	-	-	25541	1438
Elec., CHP and heat plants	62	-	-	2	-	-	-	-	72857	4168
Pumped storage plants	-	-	-	-	-	-	-	-	13565	-
Other energy ind. own use	58	-	-	709	-	-	-	-	3495	-
Losses	-	-	-	-	-	-	-	-	80135	2966
FINAL CONSUMPTION	**8275**	**67787**	**5031**	**14777**	**382685**	**699**	**6371**	**120080**	**1736330**	**213747**
INDUSTRY	**5023**	**5153**	**2853**	**1834**	**288212**	**-**	**2023**	**107635**	**663798**	**105177**
Iron and steel	182	-	1072	3	-	-	-	2719	125597	1187
Chemical and petrochemical	1319	5153	876	1127	2026	-	643	10057	101102	67448
Non-ferrous metals	594	-	2	278	612	-	-	786	61291	258
Non-metallic minerals	1289	-	833	185	1894	-	47	55052	38322	273
Transport equipment	96	-	-	-	316	-	-	794	46959	11
Machinery	34	-	-	38	56	-	-	-	118514	1971
Mining and quarrying	27	-	-	104	10	-	-	-	22946	-
Food and tobacco	138	-	-	54	82304	-	1189	1096	43932	5655
Paper, pulp and print	448	-	70	45	136019	-	108	25235	44116	10806
Wood and wood products	6	-	-	-	52213	-	-	94	19772	340
Construction	43	-	-	-	-	-	-	193	7507	19
Textile and leather	309	-	-	-	2196	-	-	1318	16500	16629
Non-specified	538	-	-	-	10566	-	36	10291	17240	580
TRANSPORT	**2448**	**-**	**-**	**11**	**-**	**699**	**-**	**-**	**24661**	**-**
Domestic aviation	2	-	-	-	-	-	-	-	-	-
Road	7	-	-	-	-	699	-	-	-	-
Rail	-	-	-	-	-	-	-	-	22362	-
Pipeline transport	1	-	-	3	-	-	-	-	231	-
Domestic navigation	2438	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	8	-	-	-	-	2068	-
OTHER	**316**	**2**	**-**	**79**	**94473**	**-**	**4348**	**12445**	**1047871**	**108570**
Residential	58	-	-	-	59498	-	-	-	423240	73564
Comm. and public services	191	-	-	44	34627	-	4348	12445	577991	35006
Agriculture/forestry	25	-	-	17	164	-	-	-	20069	-
Fishing	21	-	-	18	-	-	-	-	3200	-
Non-specified	21	2	-	-	185 e	-	-	-	23371	-
NON-ENERGY USE	**488**	**62632**	**2178**	**12853**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	488	62632	2160	11081	-	-	-	-	-	-
of which: chem./petrochem.	*488*	*62508*	*580*	*3330*	-	-	-	-	-	-
in transport	-	-	-	1212	-	-	-	-	-	-
in other	-	-	18	560	-	-	-	-	-	-

6. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat [2] (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	192390	231576	24192	65674	63467	1508	-	501075	839197	400	3228917
From other sources	-	-	-	-	356	-	40	3303	-	-	65910
Imports	87434	243139	7229	-	3250	-	-	-	-	-	6669214
Exports	-188990	-204685	-43	-	-1499	-	-	-	-	-	-1357598
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	2319	5576	347	304	40	7	-	-	-	-	12856
DOMESTIC SUPPLY	**93153**	**275606**	**31725**	**65978**	**65614**	**1515**	**40**	**504378**	**839197**	**400**	**8619299**

SUPPLY	Oil (kt)									
	Crude oil [3]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [4]	Aviation fuels [5]	Other kerosene	Gas / Diesel [4]
Production	17672	2269	-	650	13885	7613	72000	36957	15495	107561
From other sources	94	-	14836	-	-	-	-	-	-	-
Imports	337824	6499	3644	79	-	16818	6541	4281	791	14858
Exports	-13118	-9	-1020	-6	-	-1467	-13249	-16145	-1026	-34517
Intl. marine bunkers	-	-	-	-	-	-	-	-	-40	-1552
Intl. aviation bunkers	-	-	-	-	-	-	-	-15949	-	-
Stock changes	-1180	1	515	-8	-	-871	-191	-23	64	-473
DOMESTIC SUPPLY	**341292**	**8760**	**17975**	**715**	**13885**	**22093**	**65101**	**9121**	**15284**	**85877**
Transfers	14	-2019	-802	-715	168	2793	604	48	72	267

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [6] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	30085	44251	1994	18728	710677	978	31177	232381	1921737	228815
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	11568	44489	5950	2843	185	1	-	-	-	-
Exports	-6434	-5847	-55	-8315	-	-	-	-	-4844	-
Intl. marine bunkers	-12923	-	-	-7	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-111	-7	28	117	-	-	-	-	-	-
DOMESTIC SUPPLY	**22185**	**82886**	**7917**	**13366**	**710862**	**979**	**31177**	**232381**	**1916893**	**228815**
Transfers	-865	2711	-2	2687	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. The peat column also includes the quantities of oil shale for Israel.
3. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
4. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
5. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
6. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat [2] (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	22577	84890	2073	408497	46326	7160	24447	369394	608947	33033	9398651
From other sources	-	1181	-	-	-	-	1154	527	-	-	11535
Imports	49992	218687	1160	2491	11124	1066	-	-	-	159	16604574
Exports	-4558	-44241	-	-2763	-10250	-1573	-	-	-	-57	-8344376
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-625	-6973	849	2620	61	1	-	-	-	-2165	-266639
DOMESTIC SUPPLY	**67386**	**253544**	**4082**	**410845**	**47261**	**6654**	**25601**	**369921**	**608947**	**30970**	**17403745**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	271	1513	-47	1150	-2200	-297	-1	-5598	-1322	29	94168
TRANSFORMATION	**66886**	**213072**	**3503**	**398590**	**36533**	**936**	**23310**	**91142**	**304157**	**29084**	**5044171**
Electricity plants	3027	138896	3066	270886	-	306	3200	46735	227152	18112	2432211
CHP plants	556	56952	433	110884	5	564	19185	40439	73403	4733	2193354
Heat plants	119	6280	4	398	3	66	925	3968	3579	735	352418
Blast furnaces	3509	10682	-	-	35871	-	-	-	-	-	7378
Gas works	-	-	-	1464	65	-	-	-	-	1043	1098
Coke/pat.fuel/BKB/PB plants	59675	259	-	14958	161	-	-	-	-	487	504
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	3974	-
Other transformation	-	3	-	-	428	-	-	-	23	-	57208
ENERGY IND. OWN USE	**69**	**686**	**-**	**1852**	**106**	**12**	**1143**	**129714**	**110474**	**78**	**868830**
Fuel mining and extraction	-	28	-	905	-	2	89	132	1543	18	453161
Oil refineries	-	7	-	2	-	-	-	1365	-	-	352060
Elec., CHP and heat plants	-	649	-	52	-	-	-	2	17	-	13891
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	69	2	-	893	106	10	1054	128215	108914	60	49718
Losses	-	62	-	5	-	-	116	6068	35260	-	79122
FINAL CONSUMPTION	**702**	**41237**	**532**	**11548**	**8422**	**5409**	**1031**	**137399**	**157734**	**1837**	**11505790**
INDUSTRY	**515**	**20780**	**313**	**6115**	**6937**	**3423**	**249**	**137398**	**156942**	**984**	**3965889**
Iron and steel	502	3351	-	15	5445	254	-	127191	153427	-	389332
Chemical and petrochemical	-	3992	-	1312	295	164	230	3806	1992	16	847266
Non-ferrous metals	-	308	-	197	86	3	-	57	1275	-	162258
Non-metallic minerals	-	7778	109	2161	437	2298	-	3029	246	164	662700
Transport equipment	-	84	-	35	17	-	-	1669	-	-	111228
Machinery	-	86	1	16	58	3	-	661	2	-	288290
Mining and quarrying	-	177	-	9	3	118	-	369	-	-	30269
Food and tobacco	2	1751	-	650	157	185	2	-	-	42	627240
Paper, pulp and print	-	1143	36	307	-	318	-	-	-	735	352990
Wood and wood products	-	68	-	4	-	1	-	-	-	26	28843
Construction	-	13	10	14	4	6	-	-	-	-	106571
Textile and leather	-	138	-	691	-	-	-	-	-	-	120629
Non-specified	11	1891	157	704	435	73	17	616	-	1	238273
TRANSPORT	**-**	**14**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**147981**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	66978
Rail	-	14	-	1	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	74159
Domestic navigation	-	-	-	-	-	-	-	-	-	-	4893
Non-specified	-	-	-	-	-	-	-	-	-	-	1951
OTHER	**56**	**20147**	**219**	**5410**	**418**	**1418**	**782**	**1**	**-**	**756**	**6824449**
Residential	9	12617	59	4775	259	1325	621	-	-	598	4556745
Comm. and public services	47	5900	160	429	124	15	161	1	-	12	2035340
Agriculture/forestry	-	1579	-	206	24	78	-	-	-	146	168969
Fishing	-	-	-	-	-	-	-	-	-	-	1511
Non-specified	-	51	-	-	11	-	-	-	-	-	61884
NON-ENERGY USE	**131**	**296**	**-**	**22**	**1067**	**568**	**-**	**-**	**792**	**97**	**567471**
in industry/transf./energy	6	248	-	22	919	568	-	-	792	97	567471
of which: chem./petrochem.	*-*	*30*	*-*	*-*	*686*	*-*	*-*	*-*	*792*	*-*	*567203*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	125	48	-	-	148	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. The peat column also includes the quantities of oil shale for Estonia.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [3]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [4]	Aviation fuels [5]	Other kerosene	Gas / Diesel [4]
Production	137248	12609	-	2137	19555	15877	115118	34791	12067	249475
From other sources	1892	-	15631	220	-	-	-	-	-	-
Imports	523197	11065	26742	1647	-	22769	25670	31140	2582	127280
Exports	-99254	-1790	-11000	-569	-	-12605	-70024	-14049	-1110	-92953
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-6583
Intl. aviation bunkers	-	-	-	-	-	-	-	-46550	-	-
Stock changes	852	-76	279	7	-	-276	44	329	104	-711
DOMESTIC SUPPLY	**563935**	**21808**	**31652**	**3442**	**19555**	**25765**	**70808**	**5661**	**13643**	**276508**
Transfers	-143	-12033	16198	-893	5023	8941	9804	2176	-8113	-2384
Statistical differences	-69	9	385	851	75	28	-1857	-320	-263	-2617
TRANSFORMATION	**563716**	**6779**	**48235**	**3400**	**2935**	**2246**	**51**	**-**	**453**	**2736**
Electricity plants	-	-	-	-	122	62	-	-	1	1869
CHP plants	-	-	-	-	1873	28	-	-	4	275
Heat plants	-	-	-	-	410	16	-	-	-	193
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	1	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	563716	5848	48235	3400	-	-	-	-	-	-
Petrochemical plants	-	931	-	-	368	2139	51	-	448	397
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	162	-	-	-	-	2
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**18469**	**156**	**-**	**-**	**-**	**1028**
Fuel mining and extraction	-	-	-	-	-	11	-	-	-	987
Oil refineries	-	-	-	-	18469	145	-	-	-	31
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	9
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	1
Losses	-	-	-	-	33	-	-	-	-	-
FINAL CONSUMPTION	**7**	**3005**	**-**	**-**	**3216**	**32332**	**78704**	**7517**	**4814**	**267743**
INDUSTRY	**7**	**-**	**-**	**-**	**2784**	**2823**	**347**	**12**	**1338**	**8779**
Iron and steel	-	-	-	-	-	295	-	-	-	122
Chemical and petrochemical	-	-	-	-	2719	804	288	-	12	498
Non-ferrous metals	-	-	-	-	-	81	-	-	-	63
Non-metallic minerals	7	-	-	-	-	215	9	-	2	885
Transport equipment	-	-	-	-	-	58	4	1	24	291
Machinery	-	-	-	-	-	213	15	11	1	653
Mining and quarrying	-	-	-	-	-	29	-	-	10	570
Food and tobacco	-	-	-	-	-	346	1	-	38	877
Paper, pulp and print	-	-	-	-	-	135	-	-	-	183
Wood and wood products	-	-	-	-	-	17	-	-	-	86
Construction	-	-	-	-	-	68	10	-	-	2797
Textile and leather	-	-	-	-	-	44	12	-	1	156
Non-specified	-	-	-	-	65	518	8	-	1250	1598
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**7441**	**77421**	**6562**	**2**	**201228**
Domestic aviation	-	-	-	-	-	-	2	6540	-	-
Road	-	-	-	-	-	7286	77062	-	-	195492
Rail	-	-	-	-	-	-	-	-	-	1918
Pipeline transport	-	-	-	-	-	-	-	-	-	1
Domestic navigation	-	-	-	-	-	-	355	-	2	3615
Non-specified	-	-	-	-	-	155	2	22	-	202
OTHER	**-**	**-**	**-**	**-**	**-**	**7863**	**551**	**943**	**2819**	**56076**
Residential	-	-	-	-	-	5693	159	-	2786	25899
Comm. and public services	-	-	-	-	-	1405	152	-	13	13581
Agriculture/forestry	-	-	-	-	-	656	59	-	4	14339
Fishing	-	-	-	-	-	4	18	-	1	1419
Non-specified	-	-	-	-	-	105	163	943	15	838
NON-ENERGY USE	**-**	**3005**	**-**	**-**	**432**	**14205**	**385**	**-**	**655**	**1660**
in industry/transf./energy	-	3005	-	-	432	14205	385	-	655	1660
of which: chem./petrochem.	*-*	*3005*	*-*	*-*	*432*	*14203*	*385*	*-*	*648*	*1660*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

3. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
4. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
5. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [6] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	70156	36917	10750	48679	3405667	16243	633485	965896	3532012	2271365
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	62962	34579	11379	16771	307025	9364	-	17241	397872	230
Exports	-73812	-21574	-6047	-25266	-91486	-7377	-	-2627	-395505	-215
Intl. marine bunkers	-35701	-	-	-99	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	617	-71	-599	-17	-2684	-31	-	-3	-	-
DOMESTIC SUPPLY	**24222**	**49851**	**15483**	**40068**	**3618522**	**18199**	**633485**	**980507**	**3534379**	**2271380**
Transfers	-4395	-3780	-34	-9274	-	-	-	-	-	-
Statistical differences	-1657	184	18	3077	66	79	-158	823	21	-12619
TRANSFORMATION	**7229**	**9791**	**1418**	**4122**	**1137335**	**1182**	**506004**	**803722**	**3302**	**48829**
Electricity plants	3814	-	337	547	344523	685	236978	262476	-	18295
CHP plants	1818	10	159	2920	637776	420	260389	475779	-	-
Heat plants	308	-	-	32	149288	75	5595	65467	3302	-
Blast furnaces	396	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	922	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	893	9781	-	623	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	5748	2	3042	-	-	30534
ENERGY IND. OWN USE	**2986**	**2**	**4700**	**864**	**11941**	**33**	**22726**	**5819**	**302613**	**151012**
Fuel mining and extraction	3	-	-	-	428	-	-	1	24111	8835
Oil refineries	2978	2	4685	864	253	33	19	356	36288	88018
Elec., CHP and heat plants	-	-	-	-	3369	-	72	1393	163427	12227
Pumped storage plants	-	-	-	-	-	-	-	-	44164	-
Other energy ind. own use	5	-	15	-	7891	-	22635	4069	34623	41932
Losses	-	-	-	-	11	-	907	7	240266	166292
FINAL CONSUMPTION	**7955**	**36462**	**9349**	**28885**	**2469301**	**17063**	**103690**	**171782**	**2988219**	**1892628**
INDUSTRY	**4463**	**1388**	**5681**	**615**	**797753**	**108**	**13692**	**150514**	**1133803**	**689196**
Iron and steel	258	-	78	9	1776	-	32	-	142040	16155
Chemical and petrochemical	1830	1346	16	215	13075	14	1822	18923	190748	289122
Non-ferrous metals	128	-	11	-	42	-	85	518	94677	4752
Non-metallic minerals	434	-	5229	168	40954	9	272	115418	77829	9549
Transport equipment	7	-	-	1	604	4	3	2	50097	25533
Machinery	248	-	5	3	4236	5	356	57	127523	25240
Mining and quarrying	111	-	7	2	1245	7	83	-	14460	3589
Food and tobacco	666	-	-	3	31105	9	6197	157	121876	50887
Paper, pulp and print	417	-	-	1	476916	7	3443	9863	104621	99687
Wood and wood products	29	-	-	-	171578	-	13	1715	26522	18319
Construction	106	-	-	11	4792	51	2	15	18095	2018
Textile and leather	67	-	-	1	537	-	46	38	35218	6013
Non-specified	162	42	335	201	50893	2	1338	3808	130097	138332
TRANSPORT	**1297**	**-**	**-**	**11**	**-**	**16702**	**5804**	**-**	**65049**	**-**
Domestic aviation	31	-	-	-	-	-	-	-	-	-
Road	-	-	-	11	-	16659	5794	-	586	-
Rail	-	-	-	-	-	29	-	-	51138	-
Pipeline transport	-	-	-	-	-	-	-	-	1157	-
Domestic navigation	1266	-	-	-	-	6	-	-	-	-
Non-specified	-	-	-	-	-	8	10	-	12168	-
OTHER	**552**	**-**	**44**	**30**	**1671549**	**253**	**84194**	**21268**	**1789367**	**1203432**
Residential	61	-	33	-	1530104	1	1751	614	853002	792396
Comm. and public services	213	-	11	16	75076	206	69990	20654	874801	381152
Agriculture/forestry	83	-	-	1	65696	36	11113	-	52079	9904
Fishing	155	-	-	-	-	4	-	-	684	412
Non-specified	40	-	-	13	672	6	1340	-	8801	19568
NON-ENERGY USE	**1643**	**35074**	**3624**	**28229**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	1643	35074	3624	25423	-	-	-	-	-	-
of which: chem./petrochem.	*1642*	*35074*	*108*	*5335*	-	-	-	-	-	-
in transport	-	-	-	2293	-	-	-	-	-	-
in other	-	-	-	513	-	-	-	-	-	-

6. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat [2] (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	21780	78197	2838	390364	45127	6892	22463	366183	608276	27273	9284367
From other sources	-	528	-	-	-	-	1022	1582	-	-	9625
Imports	47164	217160	1039	2118	10160	1100	-	-	-	144	17551676
Exports	-4288	-48168	-8	-2417	-9707	-1497	-	-	-	-25	-8791848
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	1396	3602	807	2107	206	2	-	-	-	-46	127209
DOMESTIC SUPPLY	**66052**	**251319**	**4676**	**392172**	**45786**	**6497**	**23485**	**367765**	**608276**	**27346**	**18181029**

SUPPLY	Oil (kt)									
	Crude oil [3]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [4]	Aviation fuels [5]	Other kerosene	Gas / Diesel [4]
Production	143119	12940	-	2193	21428	16683	121112	37953	12807	259654
From other sources	2189	-	18332	243	-	-	-	-	-	-
Imports	559818	10415	24674	1554	-	23101	28258	32073	2489	137820
Exports	-101147	-1867	-11459	-488	-	-12920	-80131	-14643	-1632	-99061
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-10123
Intl. aviation bunkers	-	-	-	-	-	-	-	-47124	-	-
Stock changes	-4449	-89	-673	-9	-	-125	-111	-1854	143	-7325
DOMESTIC SUPPLY	**599530**	**21399**	**30874**	**3493**	**21428**	**26739**	**69128**	**6405**	**13807**	**280965**
Transfers	-133	-11673	14660	-752	4788	8854	12086	3033	-8690	-1635

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [6] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	71540	41015	11556	51327	3668651	15758	665302	957175	3575364	2291423
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	65432	33944	11961	18628	332440	8919	-	17670	422977	245
Exports	-81156	-22473	-6446	-28340	-90845	-6942	-	-2627	-419542	-229
Intl. marine bunkers	-32345	-	-	-87	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-574	433	-257	277	-3092	-19	-	-	-	-
DOMESTIC SUPPLY	**22897**	**52919**	**16814**	**41805**	**3907154**	**17716**	**665302**	**972218**	**3578799**	**2291439**
Transfers	-2258	-6706	-382	-10158	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. The peat column also includes the quantities of oil shale for Estonia.
3. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
4. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
5. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
6. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat [2] (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	309299	680556	447910	546458	125000	9002	74280	961404	1598872	33033	46625099
From other sources	-	13302	320	-	435	-	1267	4151	-	-	137515
Imports	139665	458916	8397	2563	15928	1066	-	-	-	159	27533750
Exports	-272293	-269975	-5897	-2876	-12515	-1579	-	-	-	-57	-14263246
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	4254	-21388	4093	6844	129	-43	-	-	-	-2165	-665074
DOMESTIC SUPPLY	**180925**	**861411**	**454823**	**552989**	**128977**	**8446**	**75547**	**965555**	**1598872**	**30970**	**59368044**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	759	-7902	1102	-4523	-2213	-297	-1	-5609	-1319	29	502435
TRANSFORMATION	**179148**	**760726**	**445371**	**532685**	**100122**	**977**	**73143**	**207902**	**751275**	**29084**	**20712498**
Electricity plants	3027	648338	441373	400848	2	347	3200	140494	559291	18112	15308825
CHP plants	556	77106	3106	109052	5	564	19185	63398	188382	4733	4624145
Heat plants	119	6280	-	398	3	66	925	4010	3579	735	369881
Blast furnaces	25085	11764	-	-	99458	-	-	-	-	-	7378
Gas works	-	-	-	6855	65	-	-	-	-	1043	1211
Coke/pat.fuel/BKB/PB plants	150361	17235	892	15532	161	-	-	-	-	487	518
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	3974	-
Other transformation	-	3	-	-	428	-	49833	-	23	-	400540
ENERGY IND. OWN USE	**69**	**1643**	**77**	**1852**	**3838**	**54**	**1143**	**287400**	**320257**	**78**	**5530211**
Fuel mining and extraction	-	90	77	905	-	2	89	132	1543	18	3655870
Oil refineries	-	7	-	2	-	-	-	1365	-	-	1407844
Elec., CHP and heat plants	-	1544	-	52	-	-	-	12	19	-	140459
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	69	2	-	893	3838	52	1054	285891	318695	60	326038
Losses	-	62	-	5	-	-	116	6068	35529	-	100776
FINAL CONSUMPTION	**2467**	**91078**	**10477**	**13924**	**22804**	**7118**	**1144**	**458576**	**490492**	**1837**	**33526994**
INDUSTRY	**2279**	**69637**	**9608**	**7084**	**18996**	**3503**	**291**	**458407**	**489700**	**984**	**11779762**
Iron and steel	2260	8669	-	15	14775	254	-	382536	479680	-	1106770
Chemical and petrochemical	-	13064	1306	1739	1394	164	230	23834	5365	16	3261351
Non-ferrous metals	-	1138	1637	197	588	3	-	57	2183	-	539304
Non-metallic minerals	-	29397	1482	2161	842	2298	-	8507	2470	164	1182921
Transport equipment	-	116	-	35	149	-	-	1669	-	-	362330
Machinery	-	381	1	16	161	3	-	661	2	-	919402
Mining and quarrying	-	177	116	9	76	118	-	369	-	-	169815
Food and tobacco	8	5290	3797	964	166	261	2	-	-	42	1705158
Paper, pulp and print	-	7415	736	278	1	318	-	-	-	735	902726
Wood and wood products	-	97	28	5	-	5	-	-	-	26	115652
Construction	-	13	37	14	4	6	42	-	-	-	148303
Textile and leather	-	361	3	691	-	-	-	-	-	-	229598
Non-specified	11	3519	465	960	840	73	17	40774	-	1	1136432
TRANSPORT	**-**	**16**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**1328774**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	170135
Rail	-	16	-	1	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	1151295
Domestic navigation	-	-	-	-	-	-	-	-	-	-	4893
Non-specified	-	-	-	-	-	-	-	-	-	-	2451
OTHER	**57**	**21129**	**869**	**5480**	**1217**	**3047**	**853**	**1**	**-**	**756**	**18926331**
Residential	9	12617	67	4821	259	2954	621	-	-	598	11774155
Comm. and public services	48	6880	728	452	923	15	232	1	-	12	6818672
Agriculture/forestry	-	1581	74	207	24	78	-	-	-	146	270106
Fishing	-	-	-	-	-	-	-	-	-	-	1514
Non-specified	-	51	-	-	11	-	-	-	-	-	61884
NON-ENERGY USE	**131**	**296**	**-**	**1359**	**2591**	**568**	**-**	**168**	**792**	**97**	**1492127**
in industry/transf./energy	6	248	-	1359	2443	568	-	168	792	97	1492127
of which: chem./petrochem.	-	*30*	-	-	*1716*	-	-	*67*	*792*	-	*1491859*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	125	48	-	-	148	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. The peat column also includes the quantities of oil shale for Estonia.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [3]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [4]	Aviation fuels [5]	Other kerosene	Gas / Diesel [4]
Production	786187	122818	-	2892	51435	35473	554548	145044	29140	623456
From other sources	8208	-	28601	2887	-	-	-	-	-	-
Imports	1234662	22853	55446	7028	-	40258	60741	41031	3805	149858
Exports	-275373	-26971	-19656	-3053	-	-14707	-110613	-35744	-2729	-183553
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-11916
Intl. aviation bunkers	-	-	-	-	-	-	-	-82641	-	-
Stock changes	-1212	-3826	1131	-202	-	-1248	-1053	426	-207	-893
DOMESTIC SUPPLY	**1752472**	**114874**	**65522**	**9552**	**51435**	**59776**	**503623**	**68116**	**30009**	**576952**
Transfers	-7191	-77848	21875	-6779	10123	73215	15623	1661	-8269	1078
Statistical differences	5949	-173	-1309	712	-154	-1319	3341	-853	140	-1612
TRANSFORMATION	**1751127**	**31557**	**86088**	**3485**	**6189**	**5002**	**74**	**70**	**819**	**6644**
Electricity plants	5783	1	-	-	2107	542	23	69	366	5666
CHP plants	-	-	-	-	3142	28	-	1	5	388
Heat plants	-	-	-	-	410	16	-	-	-	190
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	1	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	1745344	30625	86088	3485	-	-	-	-	-	-
Petrochemical plants	-	931	-	-	368	3168	51	-	448	397
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	162	1247	-	-	-	3
ENERGY IND. OWN USE	**57**	**-**	**-**	**-**	**50562**	**1661**	**1407**	**34**	**23**	**12497**
Fuel mining and extraction	41	-	-	-	4843	1175	1400	-	14	12302
Oil refineries	-	-	-	-	45719	476	5	34	2	127
Elec., CHP and heat plants	16	-	-	-	-	5	-	-	4	41
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	5	2	-	3	27
Losses	-	-	-	-	33	-	-	-	-	-
FINAL CONSUMPTION	**46**	**5296**	**-**	**-**	**4620**	**125009**	**521106**	**68820**	**21038**	**557277**
INDUSTRY	**46**	**1**	**-**	**-**	**2796**	**8149**	**1426**	**43**	**2734**	**38836**
Iron and steel	-	-	-	-	-	696	-	-	92	481
Chemical and petrochemical	24	1	-	-	2731	1842	288	-	141	2728
Non-ferrous metals	-	-	-	-	-	119	-	-	35	421
Non-metallic minerals	7	-	-	-	-	807	9	-	88	2338
Transport equipment	-	-	-	-	-	137	4	1	61	585
Machinery	-	-	-	-	-	861	16	11	244	1826
Mining and quarrying	-	-	-	-	-	182	341	-	22	6900
Food and tobacco	4	-	-	-	-	617	12	-	224	2647
Paper, pulp and print	-	-	-	-	-	235	-	-	21	695
Wood and wood products	-	-	-	-	-	53	-	-	31	1061
Construction	-	-	-	-	-	1406	10	-	270	14754
Textile and leather	11	-	-	-	-	110	12	-	68	787
Non-specified	-	-	-	-	65	1084	734	31	1437	3613
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**14564**	**512385**	**65992**	**4**	**414950**
Domestic aviation	-	-	-	-	-	-	2	65852	-	6
Road	-	-	-	-	-	14406	507466	-	2	388811
Rail	-	-	-	-	-	-	-	-	-	16810
Pipeline transport	-	-	-	-	-	-	1	-	-	10
Domestic navigation	-	-	-	-	-	-	4879	-	2	8922
Non-specified	-	-	-	-	-	158	37	140	-	391
OTHER	**-**	**-**	**-**	**-**	**-**	**35753**	**6910**	**2785**	**17016**	**98395**
Residential	-	-	-	-	-	23662	159	-	11432	35783
Comm. and public services	-	-	-	-	-	10272	1422	1404	5304	28482
Agriculture/forestry	-	-	-	-	-	1706	5145	-	153	30070
Fishing	-	-	-	-	-	7	21	-	4	2632
Non-specified	-	-	-	-	-	106	163	1381	123	1428
NON-ENERGY USE	**-**	**5295**	**-**	**-**	**1824**	**66543**	**385**	**-**	**1284**	**5096**
in industry/transf./energy	-	5295	-	-	1824	66543	385	-	1284	5096
of which: chem./petrochem.	*-*	*5295*	*-*	*-*	*1824*	*66541*	*385*	*-*	*1272*	*5096*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

3. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
4. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
5. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [6] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	127560	88151	72505	119601	6988305	65526	860779	1558484	10375349	2936696
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	88770	79743	19849	25757	311537	11988	-	17241	469937	230
Exports	-102275	-26408	-42044	-42345	-125645	-10405	-	-2627	-457227	-215
Intl. marine bunkers	-58233	-	-	-111	-	-77	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	1242	-327	-697	-483	-2684	-276	-	-3	-	-
DOMESTIC SUPPLY	**57064**	**141159**	**49613**	**102419**	**7171513**	**66756**	**860779**	**1573095**	**10388059**	**2936711**
Transfers	-6272	-1667	1651	-10339	-	-	-	-	-	-
Statistical differences	-1792	929	-887	6631	694	93	-158	356	-9395	-21705
TRANSFORMATION	**23656**	**22763**	**7939**	**5800**	**1953149**	**1490**	**703308**	**1230776**	**4181**	**49679**
Electricity plants	19606	198	5461	1803	882209	896	408585	591829	-	19145
CHP plants	2298	889	929	3195	910158	517	282324	535759	-	-
Heat plants	463	-	-	32	154507	75	9357	98055	4181	-
Blast furnaces	396	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	1549	101	-	-	-	5133	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	893	21676	-	669	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	6275	2	3042	-	-	30534
ENERGY IND. OWN USE	**5662**	**57**	**23418**	**2843**	**12031**	**309**	**22804**	**5819**	**822647**	**299128**
Fuel mining and extraction	240	-	1366	2	428	276	-	1	102045	8780
Oil refineries	5297	57	22037	2658	343	33	19	356	112181	146705
Elec., CHP and heat plants	62	-	-	2	3369	-	150	1393	468979	101721
Pumped storage plants	-	-	-	-	-	-	-	-	83803	-
Other energy ind. own use	63	-	15	181	7891	-	22635	4069	55639	41922
Losses	-	-	-	-	11	-	907	7	630862	216828
FINAL CONSUMPTION	**19682**	**117601**	**19020**	**90068**	**5207016**	**65050**	**133602**	**336849**	**8920974**	**2349371**
INDUSTRY	**10670**	**6541**	**11699**	**2449**	**2617726**	**807**	**37222**	**285359**	**2762910**	**1013709**
Iron and steel	505	-	1119	12	1776	2	93	2719	319814	24126
Chemical and petrochemical	3389	6499	892	1342	16227	41	2530	38575	421753	482335
Non-ferrous metals	720	-	13	278	654	-	85	1304	262955	8592
Non-metallic minerals	1752	-	7293	353	60411	21	319	174747	154077	9936
Transport equipment	119	-	-	1	916	5	25	796	149947	30011
Machinery	283	-	114	41	4265	18	356	57	385553	30290
Mining and quarrying	630	-	7	106	1255	92	83	-	82423	3589
Food and tobacco	849	-	-	57	136815	16	7489	1737	242755	76963
Paper, pulp and print	1207	-	253	46	2043855	414	24703	44813	241190	130429
Wood and wood products	98	-	-	-	277753	8	13	1809	69622	28059
Construction	167	-	-	11	4786	184	2	208	80844	2062
Textile and leather	420	-	-	1	2669	-	31	1356	69070	28009
Non-specified	531	42	2008	201	66344	6	1493	17238	282907	159308
TRANSPORT	**5030**	**-**	**-**	**22**	**-**	**63310**	**5703**	**-**	**102100**	**-**
Domestic aviation	33	-	-	-	-	-	-	-	-	-
Road	7	-	-	11	-	62537	5693	-	2706	-
Rail	-	-	-	-	-	231	-	-	80093	-
Pipeline transport	1	-	-	3	-	-	-	-	5074	-
Domestic navigation	4989	-	-	-	-	534	-	-	-	-
Non-specified	-	-	-	8	-	8	10	-	14227	-
OTHER	**1851**	**-**	**44**	**109**	**2589290**	**933**	**90677**	**51490**	**6055964**	**1335662**
Residential	128	-	33	-	2314085	1	1751	614	2834839	851157
Comm. and public services	1157	-	11	60	171249	304	76458	50876	2886906	455023
Agriculture/forestry	406	-	-	18	103284	618	11128	-	107212	9479
Fishing	110	-	-	18	-	4	-	-	3836	-
Non-specified	50	-	-	13	672	6	1340	-	223171	20003
NON-ENERGY USE	**2131**	**111060**	**7277**	**87488**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	2131	111060	7259	79629	-	-	-	-	-	-
of which: chem./petrochem.	*2130*	*110936*	*688*	*10174*	-	-	-	-	-	-
in transport	-	-	-	3780	-	-	-	-	-	-
in other	-	-	18	4079	-	-	-	-	-	-

6. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat [2] (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	297538	621408	430601	527476	123001	8400	72509	961972	1583011	27273	47999236
From other sources	-	1814	-	-	356	-	1062	4885	-	-	125581
Imports	140028	458244	11521	2196	14401	1100	-	-	-	144	27867636
Exports	-263064	-275185	-5382	-2538	-12060	-1497	-	-	-	-25	-15094934
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	5587	-938	-34075	5114	306	9	-	-	-	-46	-519285
DOMESTIC SUPPLY	**180089**	**805343**	**402665**	**532248**	**126004**	**8012**	**73571**	**966857**	**1583011**	**27346**	**60378234**

SUPPLY	Oil (kt)									
	Crude oil [3]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [4]	Aviation fuels [5]	Other kerosene	Gas / Diesel [4]
Production	833479	130978	-	2843	53196	35533	571617	152055	29855	635751
From other sources	8493	-	33168	2738	-	-	-	-	-	-
Imports	1288920	22110	52784	7265	-	39681	68369	44145	3626	160573
Exports	-294593	-35700	-25054	-3101	-	-14629	-126443	-38840	-3125	-195156
Intl. marine bunkers	-	-	-	-	-	-	-	-	-40	-16288
Intl. aviation bunkers	-	-	-	-	-	-	-	-84381	-	-
Stock changes	-18285	47	-820	39	-	-1290	-627	-2003	139	-8394
DOMESTIC SUPPLY	**1818014**	**117435**	**60078**	**9784**	**53196**	**59295**	**512916**	**70976**	**30455**	**576486**
Transfers	-7353	-80821	20444	-6943	9810	74968	19737	3350	-9134	1584

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [6] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	125865	96117	72743	124349	7093352	65923	890482	1524280	10341745	2966322
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	89156	79840	20723	27540	337451	12022	-	17670	498261	245
Exports	-106728	-28497	-42080	-44787	-121918	-9747	-	-2627	-488019	-229
Intl. marine bunkers	-55873	-	-	-94	-	-77	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-2308	424	13	-45	-3092	-847	-	-	-	-
DOMESTIC SUPPLY	**50112**	**147884**	**51399**	**106963**	**7305793**	**67274**	**890482**	**1539323**	**10351987**	**2966338**
Transfers	-3230	-4179	1303	-12905	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. The peat column also includes the quantities of oil shale for Estonia.
3. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
4. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
5. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
6. Includes both primary and secondary solid biofuels.

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Non-OECD Total

2014

SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	796454	4408030	248929	265693	600119	21485	284797	2270023	4641458	3179	87586402
From other sources	-	190155	-	-	-	-	-	-	-	-	82781
Imports	149384	493567	124790	2575	12112	45	-	-	-	126	10485704
Exports	-38429	-613352	-156634	-5864	-15353	-176	-	-	-	-318	-25904953
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-7325	-47996	3072	-550	-2336	70	-	-	-	795	272786
DOMESTIC SUPPLY	**900084**	**4430404**	**220157**	**261854**	**594542**	**21424**	**284797**	**2270023**	**4641458**	**3782**	**72522720**
Transfers	-	-	-	-	-591	-	-	-	-	-	-
Statistical differences	1308	8912	366	-146	-1813	-75	-9277	-149	-324847	-	232997
TRANSFORMATION	**809459**	**3025657**	**199151**	**241648**	**402944**	**1397**	**69907**	**564590**	**1146254**	**2755**	**32691096**
Electricity plants	42011	2582201	198102	138486	-	582	-	334241	642641	-	18925762
CHP plants	13	113205	835	89472	12	805	-	107405	188080	1277	9498967
Heat plants	391	239334	198	8670	8	6	821	122944	315533	894	3296355
Blast furnaces	-	8677	-	-	401620	-	-	-	-	-	-
Gas works	1557	22980	-	-	373	-	-	-	-	-	6972
Coke/pat.fuel/BKB/PB plants	763688	44302	16	5020	678	4	-	-	-	584	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	1799	14958	-	-	-	-	-	-	-	-	810728
Other transformation	-	-	-	-	253	-	69086	-	-	-	152312
ENERGY IND. OWN USE	**8276**	**127837**	**8**	**396**	**2938**	**147**	**6890**	**395457**	**60948**	**80**	**7350282**
Fuel mining and extraction	1079	57015	7	115	1202	92	-	12466	-	-	4390586
Oil refineries	-	-	-	-	-	-	-	-	-	-	1099082
Elec., CHP and heat plants	95	12649	1	260	489	21	-	8708	508	21	70349
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	7102	58173	-	21	1247	34	6890	374283	60440	59	1790265
Losses	3531	1022	-	54	238	-	-	1600	22140	73	911092
FINAL CONSUMPTION	**80126**	**1284800**	**21364**	**19610**	**186018**	**19805**	**198723**	**1308227**	**3087269**	**874**	**31803247**
INDUSTRY	**73338**	**956618**	**19841**	**13667**	**165006**	**13300**	**133323**	**1215450**	**3087107**	**57**	**13122630**
Iron and steel	37400	192033	787	175	110974	5788	15740	1015863	3087107	-	1348051
Chemical and petrochemical	5281	126378	312	676	21584	5223	48858	78854	-	1	2218511
Non-ferrous metals	4671	26826	131	2	6378	76	36410	19547	-	-	241377
Non-metallic minerals	6463	390649	11158	5068	11551	1055	15952	75416	-	44	1305333
Transport equipment	33	4408	-	11	1744	18	431	498	-	1	189874
Machinery	1001	14268	2	5	9041	74	4407	10004	-	1	275549
Mining and quarrying	1047	14644	417	112	2213	172	3135	7100	-	1	153848
Food and tobacco	413	50193	445	316	167	249	942	1604	-	2	383203
Paper, pulp and print	167	22689	3262	812	17	164	2104	37	-	-	142599
Wood and wood products	6	6939	1	2	30	6	-	55	-	-	19332
Construction	87	9248	-	38	97	-	-	-	-	3	167664
Textile and leather	58	24119	217	2922	40	226	47	3282	-	-	60125
Non-specified	16711	74224	3109	3528	1170	249	5297	3190	-	4	6617164
TRANSPORT	**100**	**5428**	**-**	**3**	**27**	**-**	**-**	**-**	**-**	**9**	**3224568**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	1600645
Rail	96	5363	-	3	23	-	-	-	-	4	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	1593947
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	4	65	-	-	4	-	-	-	-	5	29976
OTHER	**69**	**248633**	**1523**	**5896**	**1231**	**6504**	**65400**	**73340**	**-**	**808**	**9532389**
Residential	14	110435	119	3400	364	6014	57013	66720	-	597	7691429
Comm. and public services	53	54770	-	835	518	359	8387	6620	-	167	1615853
Agriculture/forestry	2	26920	-	49	349	-	-	-	-	44	133835
Fishing	-	3	-	1	-	-	-	-	-	-	1239
Non-specified	-	56505	1404	1611	-	131	-	-	-	-	90033
NON-ENERGY USE	**6619**	**74121**	**-**	**44**	**19754**	**1**	**-**	**19437**	**162**	**-**	**5923660**
in industry/transf./energy	6619	74062	-	2	19610	1	-	19437	162	-	5923660
of which: chem./petrochem.	-	*2555*	-	-	-	-	-	-	-	-	*5851316*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	59	-	42	144	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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Non-OECD Total

2014

SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	2910468	244159	-	467	68103	74170	364077	125346	31214	677930
From other sources	14031	-	4479	-	-	-	-	-	-	-
Imports	818415	826	12077	2518	-	42088	113435	26588	4892	185136
Exports	-1680633	-46884	-95	-4	-	-67682	-70858	-42391	-12865	-161814
Intl. marine bunkers	-	-	-	-	-	-	-8	-47	-	-18103
Intl. aviation bunkers	-	-	-	-	-	-	-	-73017	-128	-
Stock changes	-7244	17	91	6	-	32	-9851	325	-868	-510
DOMESTIC SUPPLY	**2055037**	**198118**	**16552**	**2987**	**68103**	**48608**	**396795**	**36804**	**22245**	**682639**
Transfers	-8655	-130750	22027	-	-	110764	9433	-753	-126	6506
Statistical differences	-4312	287	120	17	82	-1318	511	97	481	5523
TRANSFORMATION	**2012077**	**65917**	**38699**	**3004**	**3939**	**116**	**15**	**3**	**9**	**76068**
Electricity plants	34166	-	-	-	1015	30	15	2	2	74243
CHP plants	7	-	-	-	606	-	-	-	-	1037
Heat plants	675	-	-	-	2318	59	-	-	-	738
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	1977228	65917	38699	3004	-	-	-	-	-	-
Petrochemical plants	1	-	-	-	-	27	-	1	7	50
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**9629**	**1596**	**-**	**-**	**54753**	**1719**	**98**	**-**	**35**	**11515**
Fuel mining and extraction	8276	1596	-	-	47	331	-	-	21	9702
Oil refineries	1353	-	-	-	54683	1074	79	-	14	781
Elec., CHP and heat plants	-	-	-	-	8	2	2	-	-	987
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	15	312	17	-	-	45
Losses	8816	15	-	-	223	67	75	3	-	54
FINAL CONSUMPTION	**11548**	**127**	**-**	**-**	**9270**	**156152**	**406551**	**36142**	**22556**	**607031**
INDUSTRY	**6639**	**4**	**-**	**-**	**8662**	**9805**	**1100**	**1**	**697**	**66834**
Iron and steel	-	-	-	-	-	533	-	-	10	2035
Chemical and petrochemical	28	4	-	-	8357	3948	1	-	37	2346
Non-ferrous metals	-	-	-	-	-	156	2	-	10	582
Non-metallic minerals	1	-	-	-	-	1129	1	-	35	4385
Transport equipment	-	-	-	-	-	109	4	-	33	785
Machinery	-	-	-	-	-	368	11	1	45	2363
Mining and quarrying	-	-	-	-	-	122	24	-	17	9975
Food and tobacco	3	-	-	-	-	490	11	-	9	3992
Paper, pulp and print	-	-	-	-	-	110	1	-	3	737
Wood and wood products	-	-	-	-	-	16	3	-	2	725
Construction	-	-	-	-	-	425	178	-	113	8994
Textile and leather	-	-	-	-	-	113	-	-	12	1509
Non-specified	6607	-	-	-	305	2286	864	-	371	28406
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**6916**	**401222**	**35962**	**65**	**443451**
Domestic aviation	-	-	-	-	-	-	29	35962	-	1
Road	-	-	-	-	-	6542	400557	-	1	406851
Rail	-	-	-	-	-	1	79	-	-	11359
Pipeline transport	-	-	-	-	-	2	58	-	64	194
Domestic navigation	-	-	-	-	-	5	287	-	-	22418
Non-specified	-	-	-	-	-	366	212	-	-	2628
OTHER	**176**	**-**	**-**	**-**	**-**	**95670**	**4125**	**172**	**20453**	**96470**
Residential	-	-	-	-	-	84368	72	-	16520	10424
Comm. and public services	-	-	-	-	-	8519	242	154	1056	19111
Agriculture/forestry	13	-	-	-	-	400	2667	-	316	59835
Fishing	-	-	-	-	-	1	118	-	-	1918
Non-specified	163	-	-	-	-	2382	1026	18	2561	5182
NON-ENERGY USE	**4733**	**123**	**-**	**-**	**608**	**43761**	**104**	**7**	**1341**	**276**
in industry/transf./energy	4733	123	-	-	608	43760	104	7	1329	276
of which: chem./petrochem.	*4680*	*121*	*-*	*-*	*608*	*42631*	*104*	*7*	*29*	*276*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	1	-	-	12	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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Non-OECD Total

2014

SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	320908	159632	47905	151846	44781477	37889	400322	540295	13056417	10852306
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	158729	33358	20664	34240	31292	1879	-	2272	238453	-
Exports	-189443	-66463	-12474	-24690	-131897	-4941	-	-	-215339	-
Intl. marine bunkers	-110115	-	-	-7	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-799	-628	148	565	-2711	-1618	-	868	-	-
DOMESTIC SUPPLY	**179280**	**125899**	**56243**	**161954**	**44678162**	**33209**	**400322**	**543435**	**13079531**	**10852306**
Transfers	-10533	9611	240	-9099	-	-	-	-	-	-
Statistical differences	5338	-3581	-169	-3241	-1351	-165	-13	996	-4110	883
TRANSFORMATION	**91994**	**3758**	**5019**	**1419**	**5628645**	**246**	**42276**	**502532**	**5**	**9271**
Electricity plants	81101	297	1143	45	1656201	246	32759	301548	-	9271
CHP plants	3432	-	453	391	410016	-	8938	84602	-	-
Heat plants	7375	-	1508	337	98074	-	2	116382	5	-
Blast furnaces	-	-	-	-	2245	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	1915	-	60	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	86	3164	-	100	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	297	-	546	3462049	-	577	-	-	-
ENERGY IND. OWN USE	**12305**	**213**	**883**	**10082**	**523806**	**5**	**28**	**7136**	**1271179**	**1158263**
Fuel mining and extraction	211	-	-	317	1	-	-	-	275885	203685
Oil refineries	9752	213	883	9494	2	5	-	7136	145718	680144
Elec., CHP and heat plants	199	-	-	9	1816	-	11	-	773501	140685
Pumped storage plants	-	-	-	-	-	-	-	-	34544	-
Other energy ind. own use	2143	-	-	262	521987	-	17	-	41531	133749
Losses	46	-	115	5	6782	1	108	-	1288464	599358
FINAL CONSUMPTION	**69740**	**127958**	**50297**	**138108**	**38517578**	**32792**	**357897**	**34763**	**10515773**	**9086297**
INDUSTRY	**48036**	**3409**	**36056**	**31031**	**4951483**	**100**	**20979**	**28524**	**5451111**	**4134845**
Iron and steel	1937	-	276	23	135766	8	-	5784	850928	623466
Chemical and petrochemical	3154	3297	110	11567	6302	1	173	2321	742788	1620200
Non-ferrous metals	1978	-	712	73	630	-	-	-	647800	131607
Non-metallic minerals	3796	-	22517	222	135045	1	-	6812	436781	120563
Transport equipment	112	-	-	26	115	-	-	120	121197	139263
Machinery	697	-	-	100	1076	1	-	156	524169	193583
Mining and quarrying	1378	-	645	51	1394	5	-	422	223012	93030
Food and tobacco	1476	-	112	14	1110297	1	92	1496	223500	383811
Paper, pulp and print	811	-	-	2	370984	-	-	1982	144674	367655
Wood and wood products	35	-	-	-	30052	-	-	5932	48029	56314
Construction	717	-	7	831	809	2	-	-	93261	54222
Textile and leather	915	-	-	12	7202	-	-	80	264368	263315
Non-specified	31030	112	11677	18110	3151811	81	20714	3419	1130604	87816
TRANSPORT	**13700**	**-**	**-**	**96**	**21**	**32203**	**-**	**-**	**198327**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	36	-	-	3	-	32192	-	-	491	-
Rail	60	-	-	88	21	5	-	-	149721	-
Pipeline transport	3	-	-	-	-	-	-	-	26392	-
Domestic navigation	9850	-	-	2	-	4	-	-	-	-
Non-specified	3751	-	-	3	-	2	-	-	21723	-
OTHER	**7163**	**-**	**6**	**745**	**33566075**	**489**	**336918**	**6239**	**4866335**	**4951452**
Residential	186	-	-	7	32481878	378	336087	-	2433568	3544019
Comm. and public services	2430	-	-	15	706080	61	453	4447	1433484	1010187
Agriculture/forestry	502	-	-	7	271415	39	378	1792	437980	122007
Fishing	560	-	-	-	36	11	-	-	1786	390
Non-specified	3485	-	6	716	106667	-	-	-	559517	274849
NON-ENERGY USE	**841**	**124549**	**14235**	**106236**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	841	124549	14234	80700	-	-	-	-	-	-
of which: chem./petrochem.	*838*	*124541*	*22*	*14278*	-	-	-	-	-	-
in transport	-	-	-	1667	-	-	-	-	-	-
in other	-	-	1	23869	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Africa

2014

SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	7655	267469	-	263	2798	1	72002	24007	29316	20	8246883
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	1307	9615	-	-	560	-	-	-	-	-	330720
Exports	-4416	-69761	-	-	-335	-	-	-	-	-	-3530386
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	1	-3660	-	12	-30	-	-	-	-	-	-216
DOMESTIC SUPPLY	**4547**	**203663**	**-**	**275**	**2993**	**1**	**72002**	**24007**	**29316**	**20**	**5047001**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-152	7952	-	-6	-1	3	-	-	-	-	-55387
TRANSFORMATION	**4395**	**161892**	**-**	**269**	**2742**	**4**	**-**	**-**	**-**	**-**	**2654761**
Electricity plants	-	142725	-	265	-	-	-	-	-	-	2553639
CHP plants	-	-	-	-	-	-	-	-	-	-	1124
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	2742	-	-	-	-	-	-
Gas works	17	8913	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	4378	-	-	4	-	4	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	10254	-	-	-	-	-	-	-	-	99998
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**21113**	**-**	**-**	**24**	**-**	**-**	**-**	**-**	**-**	**730238**
Fuel mining and extraction	-	19	-	-	-	-	-	-	-	-	396336
Oil refineries	-	-	-	-	-	-	-	-	-	-	31045
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	21094	-	-	24	-	-	-	-	-	302857
Losses	-	-	-	-	2	-	-	-	1402	-	26190
FINAL CONSUMPTION	**-**	**28610**	**-**	**-**	**224**	**-**	**72002**	**24007**	**27914**	**20**	**1580425**
INDUSTRY	**-**	**15856**	**-**	**-**	**224**	**-**	**70652**	**24007**	**27914**	**-**	**714493**
Iron and steel	-	3226	-	-	193	-	14812	24007	27914	-	33614
Chemical and petrochemical	-	18	-	-	-	-	39849	-	-	-	70494
Non-ferrous metals	-	1820	-	-	-	-	-	-	-	-	2027
Non-metallic minerals	-	2611	-	-	-	-	5304	-	-	-	112067
Transport equipment	-	1	-	-	-	-	-	-	-	-	628
Machinery	-	2	-	-	-	-	1569	-	-	-	1173
Mining and quarrying	-	265	-	-	-	-	1955	-	-	-	2689
Food and tobacco	-	102	-	-	-	-	942	-	-	-	37584
Paper, pulp and print	-	18	-	-	-	-	2104	-	-	-	4462
Wood and wood products	-	31	-	-	-	-	-	-	-	-	49
Construction	-	-	-	-	-	-	-	-	-	-	43184
Textile and leather	-	3	-	-	-	-	-	-	-	-	3989
Non-specified	-	7759	-	-	31	-	4117	-	-	-	402533
TRANSPORT	**-**	**41**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**48486**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	19718
Rail	-	24	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	28768
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	17	-	-	-	-	-	-	-	-	-
OTHER	**-**	**10476**	**-**	**-**	**-**	**-**	**1350**	**-**	**-**	**20**	**391643**
Residential	-	5742	-	-	-	-	93	-	-	20	344975
Comm. and public services	-	2858	-	-	-	-	1257	-	-	-	7951
Agriculture/forestry	-	588	-	-	-	-	-	-	-	-	3213
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	1288	-	-	-	-	-	-	-	-	35504
NON-ENERGY USE	**-**	**2237**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**425803**
in industry/transf./energy	-	2237	-	-	-	-	-	-	-	-	425803
of which: chem./petrochem.	-	*2237*	-	-	-	-	-	-	-	-	*425803*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	366539	30968	-	-	1763	2188	15741	8042	1752	33118
From other sources	5009	-	168	-	-	-	-	-	-	-
Imports	39602	-	1315	-	-	6209	22449	4716	3544	40219
Exports	-299359	-14605	-	-	-	-7737	-1597	-3326	-260	-2148
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-2295
Intl. aviation bunkers	-	-	-	-	-	-	-	-7167	-	-
Stock changes	-2284	-153	106	-	-	-23	-59	60	-32	152
DOMESTIC SUPPLY	**109507**	**16210**	**1589**	**-**	**1763**	**637**	**36534**	**2325**	**5004**	**69046**
Transfers	-5009	-11191	101	-	-	10751	2292	-10	128	2696
Statistical differences	80	240	-	-	-	-29	-260	-36	-28	146
TRANSFORMATION	**103151**	**5239**	**1690**	**-**	**-**	**-**	**-**	**2**	**1**	**7584**
Electricity plants	623	-	-	-	-	-	-	2	1	7584
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	102528	5239	1690	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**524**	**5**	**-**	**-**	**1654**	**59**	**-**	**-**	**-**	**590**
Fuel mining and extraction	42	5	-	-	-	-	-	-	-	548
Oil refineries	482	-	-	-	1654	11	-	-	-	25
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	17
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	48	-	-	-	-
Losses	767	15	-	-	109	1	15	-	-	-
FINAL CONSUMPTION	**136**	**-**	**-**	**-**	**-**	**11299**	**38551**	**2277**	**5103**	**63714**
INDUSTRY	**136**	**-**	**-**	**-**	**-**	**423**	**163**	**-**	**125**	**6921**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	23	1	-	-	5
Non-ferrous metals	-	-	-	-	-	25	2	-	-	2
Non-metallic minerals	-	-	-	-	-	44	1	-	-	23
Transport equipment	-	-	-	-	-	1	-	-	-	2
Machinery	-	-	-	-	-	1	1	-	-	1
Mining and quarrying	-	-	-	-	-	9	17	-	10	1860
Food and tobacco	-	-	-	-	-	15	2	-	-	125
Paper, pulp and print	-	-	-	-	-	-	1	-	-	1
Wood and wood products	-	-	-	-	-	-	-	-	-	1
Construction	-	-	-	-	-	18	15	-	9	819
Textile and leather	-	-	-	-	-	5	-	-	-	5
Non-specified	136	-	-	-	-	282	123	-	106	4077
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**338**	**38020**	**2272**	**1**	**48802**
Domestic aviation	-	-	-	-	-	-	-	2272	-	-
Road	-	-	-	-	-	329	37941	-	1	47844
Rail	-	-	-	-	-	-	14	-	-	413
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	5	65	-	-	545
Non-specified	-	-	-	-	-	4	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**10538**	**368**	**5**	**4967**	**7991**
Residential	-	-	-	-	-	9729	11	-	2667	430
Comm. and public services	-	-	-	-	-	406	97	-	110	1417
Agriculture/forestry	-	-	-	-	-	92	147	-	102	4685
Fishing	-	-	-	-	-	-	10	-	-	90
Non-specified	-	-	-	-	-	311	103	5	2088	1369
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	10	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	25652	12829	580	4013	15421926	50	385	-	765039	3355
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	6244	-	2365	4922	45	-	-	-	38772	-
Exports	-10397	-11472	-	-1070	-17552	-	-	-	-31403	-
Intl. marine bunkers	-4129	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-224	143	-245	2	-	1	-	-	-	-
DOMESTIC SUPPLY	**17146**	**1500**	**2700**	**7867**	**15404419**	**51**	**385**	**-**	**772408**	**3355**
Transfers	-11	342	-	-246	-	-	-	-	-	-
Statistical differences	74	-	-3	-65	426	-	-	-	1336	-
TRANSFORMATION	**10014**	**-**	**-**	**-**	**2586096**	**-**	**358**	**-**	**-**	**3355**
Electricity plants	10014	-	-	-	22359	-	358	-	-	3355
CHP plants	-	-	-	-	18295	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	2545442	-	-	-	-	-
ENERGY IND. OWN USE	**775**	**-**	**10**	**-**	**15**	**-**	**-**	**-**	**53378**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	3828	-
Oil refineries	775	-	10	-	-	-	-	-	10488	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	33879	-
Pumped storage plants	-	-	-	-	-	-	-	-	4687	-
Other energy ind. own use	-	-	-	-	15	-	-	-	496	-
Losses	-	-	-	-	2233	-	-	-	115849	-
FINAL CONSUMPTION	**6420**	**1842**	**2687**	**7556**	**12816501**	**51**	**27**	**-**	**604517**	**-**
INDUSTRY	**6018**	**-**	**2475**	**56**	**822624**	**-**	**27**	**-**	**257294**	**-**
Iron and steel	-	-	-	2	-	-	-	-	6224	-
Chemical and petrochemical	33	-	-	-	-	-	-	-	14389	-
Non-ferrous metals	71	-	-	-	-	-	-	-	34047	-
Non-metallic minerals	290	-	2109	4	2489	-	-	-	9474	-
Transport equipment	-	-	-	-	-	-	-	-	219	-
Machinery	-	-	-	-	-	-	-	-	604	-
Mining and quarrying	258	-	6	1	874	-	-	-	37424	-
Food and tobacco	250	-	-	1	1171	-	-	-	5979	-
Paper, pulp and print	26	-	-	-	-	-	-	-	2086	-
Wood and wood products	-	-	-	-	-	-	-	-	941	-
Construction	35	-	-	1	25	-	-	-	2017	-
Textile and leather	45	-	-	-	2613	-	-	-	1895	-
Non-specified	5010	-	360	47	815453	-	27	-	141995	-
TRANSPORT	**248**	**-**	**-**	**88**	**-**	**51**	**-**	**-**	**5648**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	6	-	-	-	-	51	-	-	29	-
Rail	1	-	-	88	-	-	-	-	4949	-
Pipeline transport	-	-	-	-	-	-	-	-	158	-
Domestic navigation	240	-	-	-	-	-	-	-	-	-
Non-specified	1	-	-	-	-	-	-	-	512	-
OTHER	**154**	**-**	**-**	**18**	**11993876**	**-**	**-**	**-**	**341575**	**-**
Residential	-	-	-	4	11525261	-	-	-	196213	-
Comm. and public services	14	-	-	-	293971	-	-	-	102498	-
Agriculture/forestry	124	-	-	-	113618	-	-	-	21144	-
Fishing	11	-	-	-	-	-	-	-	-	-
Non-specified	5	-	-	14	61026	-	-	-	21720	-
NON-ENERGY USE	**-**	**1842**	**212**	**7394**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	1842	212	7019	-	-	-	-	-	-
of which: chem./petrochem.	-	*1842*	-	-	-	-	-	-	-	-
in transport	-	-	-	104	-	-	-	-	-	-
in other	-	-	-	271	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	4687	85540	4360	3422	13321	-	-	87407	110340	13	6922328
From other sources	-	-	-	-	-	-	-	-	-	-	719
Imports	11961	13085	376	-	2506	2	-	-	-	-	1308091
Exports	-1438	-80935	-	-	-2066	-	-	-	-	-	-1760050
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-70	537	120	-600	248	-	-	-	-	-	609
DOMESTIC SUPPLY	**15140**	**18227**	**4856**	**2822**	**14009**	**2**	**-**	**87407**	**110340**	**13**	**6471697**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-10	-10	-19	-87	-	-	1144	3984	-	3145
TRANSFORMATION	**14250**	**10059**	**3103**	**2782**	**9464**	**-**	**-**	**15295**	**65417**	**-**	**2396558**
Electricity plants	-	9770	3021	2782	-	-	-	447	5968	-	2244149
CHP plants	-	289	82	-	12	-	-	14848	59449	-	113755
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	9452	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	14250	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	38654
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**9173**	**11125**	**-**	**1133407**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	653890
Oil refineries	-	-	-	-	-	-	-	-	-	-	276584
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	510
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	9173	11125	-	202423
Losses	6	11	-	-	118	-	-	-	9570	-	56376
FINAL CONSUMPTION	**884**	**8147**	**1743**	**21**	**4340**	**2**	**-**	**64083**	**28212**	**13**	**2888501**
INDUSTRY	**884**	**8029**	**1743**	**21**	**4196**	**-**	**-**	**64083**	**28212**	**-**	**1384370**
Iron and steel	884	3665	-	-	2986	-	-	64083	28212	-	287437
Chemical and petrochemical	-	124	295	-	3	-	-	-	-	-	219801
Non-ferrous metals	-	1373	-	-	404	-	-	-	-	-	63134
Non-metallic minerals	-	1042	220	-	112	-	-	-	-	-	174351
Transport equipment	-	-	-	-	-	-	-	-	-	-	1876
Machinery	-	-	-	-	1	-	-	-	-	-	364
Mining and quarrying	-	422	414	-	89	-	-	-	-	-	31143
Food and tobacco	-	106	137	17	-	-	-	-	-	-	112183
Paper, pulp and print	-	239	239	-	-	-	-	-	-	-	54439
Wood and wood products	-	-	-	-	-	-	-	-	-	-	2135
Construction	-	-	-	-	-	-	-	-	-	-	37
Textile and leather	-	176	-	-	-	-	-	-	-	-	16926
Non-specified	-	882	438	4	601	-	-	-	-	-	420544
TRANSPORT	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**353030**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	242127
Rail	-	1	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	81036
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	29867
OTHER	**-**	**114**	**-**	**-**	**-**	**2**	**-**	**-**	**-**	**13**	**604793**
Residential	-	112	-	-	-	-	-	-	-	13	501838
Comm. and public services	-	-	-	-	-	-	-	-	-	-	101556
Agriculture/forestry	-	2	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	1215
Non-specified	-	-	-	-	-	2	-	-	-	-	184
NON-ENERGY USE	**-**	**3**	**-**	**-**	**144**	**-**	**-**	**-**	**-**	**-**	**546308**
in industry/transf./energy	-	3	-	-	-	-	-	-	-	-	546308
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*546308*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	144	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	380388	20780	-	369	9846	6945	51129	13284	634	80609
From other sources	232	-	3324	-	-	-	-	-	-	-
Imports	46104	44	149	-	-	5925	11746	4139	262	35283
Exports	-177049	-	-	-	-	-4013	-5587	-4661	-33	-5052
Intl. marine bunkers	-	-	-	-	-	-	-	-47	-	-2253
Intl. aviation bunkers	-	-	-	-	-	-	-	-8831	-	-
Stock changes	-380	-	-	-	-	-73	-359	653	-61	-1447
DOMESTIC SUPPLY	**249295**	**20824**	**3473**	**369**	**9846**	**8784**	**56929**	**4537**	**802**	**107140**
Transfers	-769	-16964	3302	-	-	12213	2858	-7	7	-501
Statistical differences	251	47	120	-	15	-40	164	-198	-13	-531
TRANSFORMATION	**247554**	**3907**	**6895**	**369**	**638**	**27**	**15**	**-**	**-**	**13405**
Electricity plants	2596	-	-	-	196	27	15	-	-	13030
CHP plants	-	-	-	-	442	-	-	-	-	375
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	244958	3907	6895	369	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**355**	**-**	**-**	**-**	**8591**	**66**	**77**	**-**	**14**	**2517**
Fuel mining and extraction	114	-	-	-	-	-	-	-	-	2246
Oil refineries	241	-	-	-	8591	38	77	-	14	271
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	28	-	-	-	-
Losses	79	-	-	-	114	21	47	3	-	35
FINAL CONSUMPTION	**789**	**-**	**-**	**-**	**518**	**20843**	**59812**	**4329**	**782**	**90151**
INDUSTRY	**789**	**-**	**-**	**-**	**158**	**4705**	**424**	**-**	**138**	**7602**
Iron and steel	-	-	-	-	-	25	-	-	4	385
Chemical and petrochemical	-	-	-	-	158	2676	-	-	5	48
Non-ferrous metals	-	-	-	-	-	72	-	-	-	9
Non-metallic minerals	-	-	-	-	-	158	-	-	22	125
Transport equipment	-	-	-	-	-	1	-	-	-	-
Machinery	-	-	-	-	-	1	-	-	-	8
Mining and quarrying	-	-	-	-	-	84	-	-	1	424
Food and tobacco	-	-	-	-	-	246	-	-	3	350
Paper, pulp and print	-	-	-	-	-	69	-	-	1	167
Wood and wood products	-	-	-	-	-	2	-	-	1	4
Construction	-	-	-	-	-	134	70	-	-	124
Textile and leather	-	-	-	-	-	41	-	-	3	26
Non-specified	789	-	-	-	-	1196	354	-	98	5932
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**735**	**58235**	**4329**	**-**	**68428**
Domestic aviation	-	-	-	-	-	-	10	4329	-	-
Road	-	-	-	-	-	384	58185	-	-	66070
Rail	-	-	-	-	-	-	-	-	-	1042
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	40	-	-	1190
Non-specified	-	-	-	-	-	351	-	-	-	126
OTHER	**-**	**-**	**-**	**-**	**-**	**14272**	**1153**	**-**	**637**	**14121**
Residential	-	-	-	-	-	12506	52	-	346	19
Comm. and public services	-	-	-	-	-	1571	43	-	95	874
Agriculture/forestry	-	-	-	-	-	132	141	-	183	12174
Fishing	-	-	-	-	-	1	-	-	-	97
Non-specified	-	-	-	-	-	62	917	-	13	957
NON-ENERGY USE	**-**	**-**	**-**	**-**	**360**	**1131**	**-**	**-**	**7**	**-**
in industry/transf./energy	-	-	-	-	360	1131	-	-	5	-
of which: chem./petrochem.	-	-	-	-	*360*	*1131*	-	-	*5*	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	2	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	55977	7555	11443	17917	4291148	28391	7145	-	1217428	3075
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	14627	4944	5441	4355	831	1266	-	-	47856	-
Exports	-28238	-1044	-5091	-1632	-3813	-3091	-	-	-46214	-
Intl. marine bunkers	-12403	-	-	-7	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-498	-61	-61	170	-	-1418	-	-	-	-
DOMESTIC SUPPLY	**29465**	**11394**	**11732**	**20803**	**4288166**	**25148**	**7145**	**-**	**1219070**	**3075**
Transfers	872	-1344	-147	-1305	-	-	-	-	-	-
Statistical differences	17	133	-151	-143	777	-162	-14	-	-5743	-
TRANSFORMATION	**17792**	**2852**	**1915**	**237**	**818638**	**54**	**7128**	**-**	**-**	**3075**
Electricity plants	17522	-	-	-	235115	54	4878	-	-	3075
CHP plants	270	-	-	237	349505	-	2250	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	2245	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	1915	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	2836	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	16	-	-	231773	-	-	-	-	-
ENERGY IND. OWN USE	**1116**	**154**	**524**	**849**	**521932**	**-**	**-**	**-**	**51615**	**-**
Fuel mining and extraction	75	-	-	-	-	-	-	-	10618	-
Oil refineries	999	154	524	849	-	-	-	-	6311	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	27609	-
Pumped storage plants	-	-	-	-	-	-	-	-	543	-
Other energy ind. own use	42	-	-	-	521932	-	-	-	6534	-
Losses	43	-	115	2	4490	1	-	-	198329	-
FINAL CONSUMPTION	**11403**	**7177**	**8880**	**18267**	**2943882**	**24931**	**3**	**-**	**963383**	**-**
INDUSTRY	**8965**	**373**	**8879**	**5140**	**1736989**	**34**	**-**	**-**	**388085**	**-**
Iron and steel	127	-	201	-	135490	8	-	-	42251	-
Chemical and petrochemical	360	327	97	1652	4994	-	-	-	28759	-
Non-ferrous metals	1255	-	712	-	575	-	-	-	40430	-
Non-metallic minerals	196	-	4851	-	128567	-	-	-	13947	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	56	-	-	-	7	-	-	-	432	-
Mining and quarrying	841	-	639	-	-	-	-	-	17199	-
Food and tobacco	239	-	101	-	830944	-	-	-	31009	-
Paper, pulp and print	496	-	-	-	359799	-	-	-	23031	-
Wood and wood products	-	-	-	-	3842	-	-	-	279	-
Construction	32	-	-	-	173	-	-	-	535	-
Textile and leather	45	-	-	-	3480	-	-	-	8294	-
Non-specified	5318	46	2278	3488	269118	26	-	-	181919	-
TRANSPORT	**1508**	**-**	**-**	**5**	**-**	**24481**	**-**	**-**	**4114**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	24481	-	-	10	-
Rail	10	-	-	-	-	-	-	-	3163	-
Pipeline transport	-	-	-	-	-	-	-	-	853	-
Domestic navigation	1498	-	-	2	-	-	-	-	-	-
Non-specified	-	-	-	3	-	-	-	-	88	-
OTHER	**927**	**-**	**-**	**301**	**1206893**	**416**	**3**	**-**	**571184**	**-**
Residential	12	-	-	-	1023427	378	3	-	292221	-
Comm. and public services	180	-	-	1	32323	21	-	-	238849	-
Agriculture/forestry	144	-	-	-	147756	12	-	-	32572	-
Fishing	2	-	-	-	-	5	-	-	289	-
Non-specified	589	-	-	300	3387	-	-	-	7253	-
NON-ENERGY USE	**3**	**6804**	**1**	**12821**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	3	6804	-	12762	-	-	-	-	-	-
of which: chem./petrochem.	*3*	*6804*	-	-	-	-	-	-	-	-
in transport	-	-	-	36	-	-	-	-	-	-
in other	-	-	1	23	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	57292	895982	238542	74436	33576	484	928	187547	395170	-	12464179
From other sources	-	6878	-	-	-	-	-	-	-	-	-
Imports	61224	189974	123623	-	4186	-	-	-	-	3	2639083
Exports	-7097	-291734	-156294	-578	-389	-	-	-	-	-	-3799185
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-302	-6463	2572	-907	203	-	-	-	-	-	-18292
DOMESTIC SUPPLY	**111117**	**794637**	**208443**	**72951**	**37576**	**484**	**928**	**187547**	**395170**	**3**	**11285785**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	212	-2943	375	42	718	-	-	-	1	-	234121
TRANSFORMATION	**87475**	**557344**	**190230**	**63486**	**31317**	**-**	**-**	**40358**	**31791**	**-**	**5476526**
Electricity plants	41689	539876	189877	56493	-	-	-	26655	-	-	5416588
CHP plants	-	11530	337	5361	-	-	-	13703	31791	-	10162
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	4620	-	-	31317	-	-	-	-	-	-
Gas works	-	100	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	45786	1218	16	1632	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	45310
Other transformation	-	-	-	-	-	-	-	-	-	-	4466
ENERGY IND. OWN USE	**49**	**546**	**-**	**21**	**-**	**-**	**-**	**62441**	**39971**	**-**	**1244351**
Fuel mining and extraction	49	518	-	-	-	-	-	-	-	-	716185
Oil refineries	-	-	-	-	-	-	-	-	-	-	58518
Elec., CHP and heat plants	-	26	-	-	-	-	-	-	-	-	405
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	2	-	21	-	-	-	62441	39971	-	469243
Losses	-	412	-	6	118	-	-	474	962	-	348778
FINAL CONSUMPTION	**23805**	**233392**	**18588**	**9480**	**6859**	**484**	**928**	**84274**	**322447**	**3**	**4450251**
INDUSTRY	**23796**	**199558**	**17330**	**8797**	**6700**	**16**	**928**	**84274**	**322447**	**3**	**1886480**
Iron and steel	3888	66603	377	23	6261	-	928	84274	322447	-	42634
Chemical and petrochemical	900	8341	17	347	317	-	-	-	-	-	209090
Non-ferrous metals	2539	475	-	-	-	-	-	-	-	-	1956
Non-metallic minerals	-	63867	10751	4313	-	-	-	-	-	-	41450
Transport equipment	-	-	-	-	-	-	-	-	-	-	22578
Machinery	-	-	-	-	-	-	-	-	-	-	10256
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	1
Food and tobacco	-	1790	286	18	-	-	-	-	-	-	7259
Paper, pulp and print	-	2976	3014	811	-	-	-	-	-	-	33517
Wood and wood products	-	-	-	-	-	-	-	-	-	-	552
Construction	-	-	-	-	-	-	-	-	-	-	279
Textile and leather	-	3435	215	2902	-	-	-	-	-	-	3226
Non-specified	16469	52071	2670	383	122	16	-	-	-	3	1513682
TRANSPORT	**-**	**47**	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**358132**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	344148
Rail	-	-	-	3	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	13984
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	47	-	-	-	-	-	-	-	-	-
OTHER	**9**	**33751**	**1258**	**680**	**-**	**468**	**-**	**-**	**-**	**-**	**607155**
Residential	9	8756	-	253	-	468	-	-	-	-	467338
Comm. and public services	-	10941	-	1	-	-	-	-	-	-	123041
Agriculture/forestry	-	49	-	-	-	-	-	-	-	-	8372
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	14005	1258	426	-	-	-	-	-	-	8404
NON-ENERGY USE	**-**	**36**	**-**	**-**	**159**	**-**	**-**	**-**	**-**	**-**	**1598484**
in industry/transf./energy	-	36	-	-	159	-	-	-	-	-	1598484
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*1598484*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	147879	17130	-	13	16841	13365	77438	36924	10271	180281
From other sources	501	-	1	-	-	-	-	-	-	-
Imports	365807	1	8155	325	-	18561	52791	6759	371	55286
Exports	-45214	-619	-68	-	-	-3270	-42457	-13084	-477	-66724
Intl. marine bunkers	-	-	-	-	-	-	-8	-	-	-1740
Intl. aviation bunkers	-	-	-	-	-	-	-	-23552	-	-
Stock changes	2300	-282	-	-	-	-350	-943	114	-747	1656
DOMESTIC SUPPLY	**471273**	**16230**	**8088**	**338**	**16841**	**28306**	**86821**	**7161**	**9418**	**168759**
Transfers	-501	-15915	16416	-	-	13966	3824	1	67	-2103
Statistical differences	-2432	-1	-	-	-	515	-777	81	-618	2034
TRANSFORMATION	**466491**	**193**	**24504**	**338**	**175**	**3**	**-**	**-**	**-**	**15288**
Electricity plants	-	-	-	-	169	3	-	-	-	15288
CHP plants	-	-	-	-	6	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	466490	193	24504	338	-	-	-	-	-	-
Petrochemical plants	1	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**617**	**-**	**-**	**-**	**15249**	**157**	**3**	**-**	**-**	**103**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	617	-	-	-	15249	54	2	-	-	103
Elec., CHP and heat plants	-	-	-	-	-	-	1	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	103	-	-	-	-
Losses	182	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**1050**	**121**	**-**	**-**	**1417**	**42627**	**89865**	**7243**	**8867**	**153299**
INDUSTRY	**-**	**-**	**-**	**-**	**1417**	**1643**	**369**	**-**	**160**	**16506**
Iron and steel	-	-	-	-	-	237	-	-	3	683
Chemical and petrochemical	-	-	-	-	1417	373	-	-	16	1377
Non-ferrous metals	-	-	-	-	-	6	-	-	-	26
Non-metallic minerals	-	-	-	-	-	105	-	-	2	1058
Transport equipment	-	-	-	-	-	5	4	-	-	5
Machinery	-	-	-	-	-	104	-	-	3	527
Mining and quarrying	-	-	-	-	-	2	7	-	-	2356
Food and tobacco	-	-	-	-	-	93	7	-	2	1966
Paper, pulp and print	-	-	-	-	-	17	-	-	1	213
Wood and wood products	-	-	-	-	-	4	2	-	-	316
Construction	-	-	-	-	-	6	9	-	-	848
Textile and leather	-	-	-	-	-	35	-	-	-	1089
Non-specified	-	-	-	-	-	656	340	-	133	6042
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**2248**	**89213**	**7089**	**-**	**115071**
Domestic aviation	-	-	-	-	-	-	19	7089	-	-
Road	-	-	-	-	-	2247	89021	-	-	106915
Rail	-	-	-	-	-	1	-	-	-	3833
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	154	-	-	4176
Non-specified	-	-	-	-	-	-	19	-	-	147
OTHER	**-**	**-**	**-**	**-**	**-**	**31683**	**283**	**154**	**8707**	**21722**
Residential	-	-	-	-	-	27195	-	-	8313	71
Comm. and public services	-	-	-	-	-	3786	27	154	133	2423
Agriculture/forestry	-	-	-	-	-	8	154	-	-	16786
Fishing	-	-	-	-	-	-	99	-	-	1425
Non-specified	-	-	-	-	-	694	3	-	261	1017
NON-ENERGY USE	**1050**	**121**	**-**	**-**	**-**	**7053**	**-**	**-**	**-**	**-**
in industry/transf./energy	1050	121	-	-	-	7053	-	-	-	-
of which: chem./petrochem.	*1050*	*121*	-	-	-	*5924*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	42493	41322	13219	40863	15704187	6342	58345	116313	2611341	42003
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	85701	24419	5619	11062	11805	268	-	-	35910	-
Exports	-43835	-11814	-4010	-13869	-14642	-1616	-	-	-10069	-
Intl. marine bunkers	-45647	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-231	-7	-	89	-	-200	-	-	-	-
DOMESTIC SUPPLY	**38481**	**53920**	**14828**	**38145**	**15701350**	**4794**	**58345**	**116313**	**2637182**	**42003**
Transfers	-4197	-4149	-	-7409	-	-	-	-	-	-
Statistical differences	-1141	-2699	1	-1162	-2506	-3	-	-2	8202	1
TRANSFORMATION	**17755**	**297**	**233**	**-**	**1421761**	**192**	**26069**	**112348**	**-**	**-**
Electricity plants	17373	297	-	-	755692	192	26069	112348	-	-
CHP plants	382	-	233	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	666069	-	-	-	-	-
ENERGY IND. OWN USE	**2364**	**59**	**-**	**-**	**-**	**5**	**-**	**-**	**158122**	**2247**
Fuel mining and extraction	2	-	-	-	-	-	-	-	114	-
Oil refineries	2324	59	-	-	-	5	-	-	9955	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	143029	2247
Pumped storage plants	-	-	-	-	-	-	-	-	3670	-
Other energy ind. own use	38	-	-	-	-	-	-	-	1354	-
Losses	-	-	-	3	-	-	-	-	357339	1393
FINAL CONSUMPTION	**13024**	**46716**	**14596**	**29571**	**14277084**	**4594**	**32276**	**3963**	**2129923**	**38364**
INDUSTRY	**9539**	**3036**	**14543**	**5242**	**2336295**	**66**	**20622**	**3963**	**915758**	**9113**
Iron and steel	890	-	-	-	-	-	-	-	97835	-
Chemical and petrochemical	2372	2970	-	-	129	1	-	-	91819	-
Non-ferrous metals	104	-	-	-	-	-	-	-	16318	-
Non-metallic minerals	1325	-	14407	-	-	1	-	-	50066	-
Transport equipment	17	-	-	-	-	-	-	-	13331	-
Machinery	379	-	-	-	-	1	-	-	86051	-
Mining and quarrying	226	-	-	-	-	5	-	-	1169	-
Food and tobacco	751	-	-	-	271160	1	-	-	49664	-
Paper, pulp and print	96	-	-	-	3810	-	-	794	21809	-
Wood and wood products	11	-	-	-	-	-	-	-	3740	-
Construction	73	-	-	-	-	2	-	-	1354	-
Textile and leather	715	-	-	-	-	-	-	-	57085	-
Non-specified	2580	66	136	5242	2061196	55	20622	3169	425517	9113
TRANSPORT	**863**	**-**	**-**	**-**	**-**	**4480**	**-**	**-**	**21096**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	30	-	-	-	-	4476	-	-	-	-
Rail	4	-	-	-	-	-	-	-	21096	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	789	-	-	-	-	4	-	-	-	-
Non-specified	40	-	-	-	-	-	-	-	-	-
OTHER	**2227**	**-**	**-**	**-**	**11940789**	**48**	**11654**	**-**	**1193069**	**29251**
Residential	1	-	-	-	11593258	-	11654	-	572795	16455
Comm. and public services	420	-	-	-	314184	40	-	-	333125	11359
Agriculture/forestry	197	-	-	-	399	2	-	-	192539	181
Fishing	35	-	-	-	-	6	-	-	1175	-
Non-specified	1574	-	-	-	32948	-	-	-	93435	1256
NON-ENERGY USE	**395**	**43680**	**53**	**24329**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	395	43680	53	24283	-	-	-	-	-	-
of which: chem./petrochem.	*395*	*43680*	-	*1930*	-	-	-	-	-	-
in transport	-	-	-	44	-	-	-	-	-	-
in other	-	-	-	2	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	619764	2847246	-	-	491532	19246	211004	1581463	3705850	-	5067142
From other sources	-	173157	-	-	-	-	-	-	-	-	82062
Imports	62440	242935	-	-	2	38	-	-	-	-	2280741
Exports	-836	-6440	-	-	-8507	-137	-	-	-	-	-101571
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-3631	-37426	-	-	-2360	-5	-	-	-	-	-
DOMESTIC SUPPLY	**677737**	**3219472**	**-**	**-**	**480667**	**19142**	**211004**	**1581463**	**3705850**	**-**	**7328374**
Transfers	-	-	-	-	-591	-	-	-	-	-	-
Statistical differences	-66	5230	-	-	-2755	-69	-9277	169	-329669	-	-10136
TRANSFORMATION	**616558**	**2141904**	**-**	**-**	**306452**	**-**	**69086**	**420252**	**935297**	**-**	**1265852**
Electricity plants	322	1856179	-	-	-	-	-	306508	628832	-	1053149
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	391	224059	-	-	-	-	-	113744	306465	-	205773
Blast furnaces	-	-	-	-	305980	-	-	-	-	-	-
Gas works	1540	13967	-	-	328	-	-	-	-	-	6930
Coke/pat.fuel/BKB/PB plants	612506	42995	-	-	144	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	1799	4704	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	69086	-	-	-	-
ENERGY IND. OWN USE	**8227**	**104497**	**-**	**-**	**2914**	**146**	**6890**	**212112**	**-**	**-**	**993809**
Fuel mining and extraction	1030	55740	-	-	1202	91	-	12466	-	-	485544
Oil refineries	-	-	-	-	-	-	-	-	-	-	446624
Elec., CHP and heat plants	95	11680	-	-	489	21	-	8708	-	-	4106
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	7102	37077	-	-	1223	34	6890	190938	-	-	57535
Losses	-	-	-	-	-	-	-	-	-	-	85801
FINAL CONSUMPTION	**52886**	**978301**	**-**	**-**	**167955**	**18927**	**125751**	**949268**	**2440884**	**-**	**4972776**
INDUSTRY	**46171**	**710888**	**-**	**-**	**148112**	**13158**	**61743**	**856491**	**2440884**	**-**	**1929463**
Iron and steel	30240	109085	-	-	96180	5788	-	658547	2440884	-	166317
Chemical and petrochemical	4381	117503	-	-	21245	5185	9009	78835	-	-	663354
Non-ferrous metals	2132	21028	-	-	5972	76	36410	19547	-	-	155419
Non-metallic minerals	6387	315583	-	-	11212	1041	10648	74502	-	-	347459
Transport equipment	33	4384	-	-	1697	18	431	498	-	-	129787
Machinery	1001	14145	-	-	9015	74	2838	9294	-	-	180813
Mining and quarrying	1047	12365	-	-	2059	172	1180	7100	-	-	35091
Food and tobacco	409	47910	-	-	141	195	-	1604	-	-	69865
Paper, pulp and print	167	19449	-	-	17	164	-	37	-	-	27242
Wood and wood products	6	6906	-	-	30	6	-	55	-	-	6009
Construction	68	9068	-	-	97	-	-	-	-	-	7319
Textile and leather	58	20498	-	-	40	226	47	3282	-	-	24393
Non-specified	242	12964	-	-	407	213	1180	3190	-	-	116395
TRANSPORT	**96**	**5316**	**-**	**-**	**27**	**-**	**-**	**-**	**-**	**-**	**690652**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	678045
Rail	96	5316	-	-	23	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	12607
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	4	-	-	-	-	-	-
OTHER	**-**	**190899**	**-**	**-**	**1231**	**5769**	**64008**	**73340**	**-**	**-**	**1790361**
Residential	-	87239	-	-	364	5293	56900	66720	-	-	1349098
Comm. and public services	-	37545	-	-	518	347	7108	6620	-	-	438187
Agriculture/forestry	-	25788	-	-	349	-	-	-	-	-	3076
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	40327	-	-	-	129	-	-	-	-	-
NON-ENERGY USE	**6619**	**71198**	**-**	**-**	**18585**	**-**	**-**	**19437**	**-**	**-**	**562300**
in industry/transf./energy	6619	71198	-	-	18585	-	-	19437	-	-	562300
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*562300*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	211429	193	-	-	16569	23974	110292	28883	1092	174994
From other sources	2122	-	-	-	-	-	-	-	-	-
Imports	308374	-	-	-	-	7793	414	9433	234	3761
Exports	-600	-	-	-	-	-1444	-5088	-10771	-29	-4199
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-1648
Intl. aviation bunkers	-	-	-	-	-	-	-	-12675	-	-
Stock changes	-3757	-	-	-	-	-79	-7483	18	-97	-897
DOMESTIC SUPPLY	**517568**	**193**	**-**	**-**	**16569**	**30244**	**98135**	**14888**	**1200**	**172011**
Transfers	-2122	-193	591	-	-	315	-	-	-	1282
Statistical differences	121	-	-	-	73	-29	56	315	-	2
TRANSFORMATION	**505833**	**-**	**591**	**-**	**2280**	**27**	**-**	**-**	**-**	**314**
Electricity plants	89	-	-	-	650	-	-	-	-	267
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	70	-	-	-	1630	27	-	-	-	47
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	505674	-	591	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**4689**	**-**	**-**	**-**	**13004**	**554**	**1**	**-**	**19**	**3074**
Fuel mining and extraction	4689	-	-	-	-	3	-	-	19	2502
Oil refineries	-	-	-	-	13004	550	-	-	-	177
Elec., CHP and heat plants	-	-	-	-	-	-	1	-	-	376
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	1	-	-	-	19
Losses	1078	-	-	-	-	25	-	-	-	-
FINAL CONSUMPTION	**3967**	**-**	**-**	**-**	**1358**	**29924**	**98190**	**15203**	**1181**	**169907**
INDUSTRY	**239**	**-**	**-**	**-**	**1110**	**2236**	**-**	**-**	**234**	**18626**
Iron and steel	-	-	-	-	-	173	-	-	2	748
Chemical and petrochemical	-	-	-	-	805	564	-	-	15	728
Non-ferrous metals	-	-	-	-	-	44	-	-	9	473
Non-metallic minerals	-	-	-	-	-	766	-	-	11	2939
Transport equipment	-	-	-	-	-	89	-	-	26	615
Machinery	-	-	-	-	-	237	-	-	42	1626
Mining and quarrying	-	-	-	-	-	20	-	-	6	3238
Food and tobacco	-	-	-	-	-	39	-	-	3	796
Paper, pulp and print	-	-	-	-	-	18	-	-	1	257
Wood and wood products	-	-	-	-	-	7	-	-	1	253
Construction	-	-	-	-	-	168	-	-	104	5520
Textile and leather	-	-	-	-	-	30	-	-	2	358
Non-specified	239	-	-	-	305	81	-	-	12	1075
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**1211**	**95920**	**15203**	**-**	**120671**
Domestic aviation	-	-	-	-	-	-	-	15203	-	-
Road	-	-	-	-	-	1211	95920	-	-	99284
Rail	-	-	-	-	-	-	-	-	-	3736
Pipeline transport	-	-	-	-	-	-	-	-	-	1
Domestic navigation	-	-	-	-	-	-	-	-	-	15846
Non-specified	-	-	-	-	-	-	-	-	-	1804
OTHER	**98**	**-**	**-**	**-**	**-**	**23539**	**2166**	**-**	**927**	**30335**
Residential	-	-	-	-	-	21731	-	-	294	4922
Comm. and public services	-	-	-	-	-	1737	-	-	625	10493
Agriculture/forestry	-	-	-	-	-	71	2166	-	8	14920
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	98	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**3630**	**-**	**-**	**-**	**248**	**2938**	**104**	**-**	**20**	**275**
in industry/transf./energy	3630	-	-	-	248	2938	104	-	20	275
of which: chem./petrochem.	*3630*	-	-	-	*248*	*2938*	*104*	-	*20*	*275*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	14446	38969	18316	57043	8477043	2605	326163	233878	5718847	3783164
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	24326	3978	5350	7825	216	-	-	-	17039	-
Exports	-9872	-132	-2443	-864	-	-	-	-	-19384	-
Intl. marine bunkers	-13229	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-820	380	454	-	-	-	-	-	-
DOMESTIC SUPPLY	**15671**	**41995**	**21603**	**64458**	**8477259**	**2605**	**326163**	**233878**	**5716502**	**3783164**
Transfers	-	642	-	77	-	-	-	-	-	-
Statistical differences	482	-23	-12	-423	-	-	-	998	154	-
TRANSFORMATION	**2058**	**281**	**2644**	**334**	**659083**	**-**	**1733**	**234876**	**-**	**-**
Electricity plants	409	-	1143	45	639971	-	-	186570	-	-
CHP plants	-	-	-	-	-	-	1156	-	-	-
Heat plants	1649	-	1501	289	19112	-	-	48306	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	281	-	-	-	-	577	-	-	-
ENERGY IND. OWN USE	**1527**	**-**	**-**	**8669**	**-**	**-**	**-**	**-**	**642004**	**460635**
Fuel mining and extraction	132	-	-	317	-	-	-	-	137164	27377
Oil refineries	1375	-	-	8343	-	-	-	-	71882	365675
Elec., CHP and heat plants	18	-	-	9	-	-	-	-	400917	66931
Pumped storage plants	-	-	-	-	-	-	-	-	18162	-
Other energy ind. own use	2	-	-	-	-	-	-	-	13879	652
Losses	-	-	-	-	-	-	-	-	314974	49969
FINAL CONSUMPTION	**12568**	**42333**	**18947**	**55109**	**7818176**	**2605**	**324430**	**-**	**4759678**	**3272560**
INDUSTRY	**3863**	**-**	**5635**	**19749**	**-**	**-**	**-**	**-**	**3163772**	**2221121**
Iron and steel	55	-	-	21	-	-	-	-	579560	267177
Chemical and petrochemical	340	-	-	9890	-	-	-	-	528173	1061279
Non-ferrous metals	507	-	-	73	-	-	-	-	439937	120259
Non-metallic minerals	1919	-	-	196	-	-	-	-	332442	10454
Transport equipment	48	-	-	26	-	-	-	-	91186	48727
Machinery	143	-	-	100	-	-	-	-	409264	46011
Mining and quarrying	25	-	-	50	-	-	-	-	122317	41706
Food and tobacco	103	-	-	2	-	-	-	-	105472	141997
Paper, pulp and print	57	-	-	2	-	-	-	-	74360	198847
Wood and wood products	4	-	-	-	-	-	-	-	35330	4426
Construction	446	-	-	810	-	-	-	-	72167	8141
Textile and leather	104	-	-	9	-	-	-	-	190564	246051
Non-specified	112	-	5635	8570	-	-	-	-	183000	26046
TRANSPORT	**7088**	**-**	**-**	**-**	**-**	**2605**	**-**	**-**	**59706**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	2605	-	-	-	-
Rail	-	-	-	-	-	-	-	-	59706	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	7088	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**1179**	**-**	**-**	**1**	**7818176**	**-**	**324430**	**-**	**1536200**	**1051439**
Residential	-	-	-	-	7817960	-	324430	-	729671	864824
Comm. and public services	1166	-	-	1	-	-	-	-	314276	82719
Agriculture/forestry	13	-	-	-	-	-	-	-	101339	889
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	216	-	-	-	390914	103007
NON-ENERGY USE	**438**	**42333**	**13312**	**35359**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	438	42333	13312	10659	-	-	-	-	-	-
of which: chem./petrochem.	*438*	*42333*	-	*9563*	-	-	-	-	-	-
in transport	-	-	-	1270	-	-	-	-	-	-
in other	-	-	-	23430	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	106246	311645	6027	187572	57768	1754	863	382095	383541	3146	32876857
From other sources	-	10120	-	-	-	-	-	-	-	-	-
Imports	12318	34662	732	2575	4376	5	-	-	-	123	2655305
Exports	-24437	-164482	-340	-5286	-4056	-39	-	-	-	-318	-10625511
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-3323	-984	380	945	-396	75	-	-	-	795	290684
DOMESTIC SUPPLY	**90804**	**190961**	**6799**	**185806**	**57692**	**1795**	**863**	**382095**	**383541**	**3746**	**25197335**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	450	-1311	1	-163	75	-9	-	-	837	-	67823
TRANSFORMATION	**85178**	**154458**	**5818**	**175111**	**51474**	**1393**	**821**	**88483**	**106320**	**2755**	**13358717**
Electricity plants	-	33651	5204	78946	-	582	-	429	412	-	784975
CHP plants	13	101386	416	84111	-	805	-	78854	96840	1277	9373926
Heat plants	-	15275	198	8670	8	6	821	9200	9068	894	3090582
Blast furnaces	-	4057	-	-	50634	-	-	-	-	-	-
Gas works	-	-	-	-	45	-	-	-	-	-	42
Coke/pat.fuel/BKB/PB plants	85165	89	-	3384	534	-	-	-	-	584	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	253	-	-	-	-	-	109192
ENERGY IND. OWN USE	**-**	**1681**	**8**	**375**	**-**	**1**	**-**	**109767**	**4911**	**80**	**1639112**
Fuel mining and extraction	-	738	7	115	-	1	-	-	-	-	1323581
Oil refineries	-	-	-	-	-	-	-	-	-	-	41788
Elec., CHP and heat plants	-	943	1	260	-	-	-	-	508	21	65328
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	109767	4403	59	208415
Losses	3525	599	-	48	-	-	-	-	7266	73	392550
FINAL CONSUMPTION	**2551**	**32912**	**974**	**10109**	**6293**	**392**	**42**	**183845**	**265881**	**838**	**9874779**
INDUSTRY	**2487**	**18863**	**709**	**4849**	**5725**	**126**	**-**	**183845**	**265719**	**54**	**2544370**
Iron and steel	2388	9454	410	152	5354	-	-	182202	265719	-	746288
Chemical and petrochemical	-	392	-	329	19	38	-	19	-	1	361141
Non-ferrous metals	-	2130	131	2	2	-	-	-	-	-	18841
Non-metallic minerals	76	4256	128	755	184	14	-	914	-	44	590720
Transport equipment	-	23	-	11	47	-	-	-	-	1	35005
Machinery	-	121	2	5	25	-	-	710	-	1	82943
Mining and quarrying	-	1592	3	112	65	-	-	-	-	1	81915
Food and tobacco	4	285	22	281	26	54	-	-	-	2	156312
Paper, pulp and print	-	7	9	1	-	-	-	-	-	-	22939
Wood and wood products	-	2	1	2	-	-	-	-	-	-	10587
Construction	19	180	-	38	-	-	-	-	-	3	116845
Textile and leather	-	7	2	20	-	-	-	-	-	-	11591
Non-specified	-	414	1	3141	3	20	-	-	-	1	309243
TRANSPORT	**4**	**23**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**9**	**1478232**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	38675
Rail	-	22	-	-	-	-	-	-	-	4	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	1439448
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	4	1	-	-	-	-	-	-	-	5	109
OTHER	**60**	**13379**	**265**	**5216**	**-**	**265**	**42**	**-**	**-**	**775**	**4031340**
Residential	5	8572	119	3147	-	253	20	-	-	564	3242874
Comm. and public services	53	3426	-	834	-	12	22	-	-	167	683873
Agriculture/forestry	2	493	-	49	-	-	-	-	-	44	66201
Fishing	-	3	-	1	-	-	-	-	-	-	24
Non-specified	-	885	146	1185	-	-	-	-	-	-	38368
NON-ENERGY USE	**-**	**647**	**-**	**44**	**568**	**1**	**-**	**-**	**162**	**-**	**1820837**
in industry/transf./energy	-	588	-	2	568	1	-	-	162	-	1820837
of which: chem./petrochem.	-	*318*	-	-	-	-	-	-	-	-	*1757898*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	59	-	42	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	649055	28960	-	85	17656	22060	59635	17227	328	110568
From other sources	265	-	599	-	-	-	-	-	-	-
Imports	48013	781	2458	337	-	2385	7830	974	231	17142
Exports	-327202	-2916	-27	-4	-	-6404	-13500	-3441	-47	-56498
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-9493
Intl. aviation bunkers	-	-	-	-	-	-	-	-7972	-128	-
Stock changes	-4494	1	-15	6	-	122	-295	-3	-3	-318
DOMESTIC SUPPLY	**365637**	**26826**	**3015**	**424**	**17656**	**18163**	**53670**	**6785**	**381**	**61401**
Transfers	-70	-2150	546	-	-	2063	56	-737	-	514
Statistical differences	250	-	-	17	-6	-30	181	-61	27	2699
TRANSFORMATION	**358111**	**24668**	**3561**	**441**	**846**	**59**	**-**	**1**	**7**	**2301**
Electricity plants	-	-	-	-	-	-	-	-	-	898
CHP plants	7	-	-	-	158	-	-	-	-	662
Heat plants	605	-	-	-	688	32	-	-	-	691
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	357499	24668	3561	441	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	27	-	1	7	50
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**606**	**2**	**-**	**-**	**10827**	**149**	**17**	**-**	**2**	**3249**
Fuel mining and extraction	606	2	-	-	47	9	-	-	2	2564
Oil refineries	-	-	-	-	10757	6	-	-	-	76
Elec., CHP and heat plants	-	-	-	-	8	2	-	-	-	594
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	15	132	17	-	-	15
Losses	6613	-	-	-	-	20	13	-	-	19
FINAL CONSUMPTION	**487**	**6**	**-**	**-**	**5977**	**19968**	**53877**	**5986**	**399**	**59045**
INDUSTRY	**356**	**4**	**-**	**-**	**5977**	**754**	**110**	**1**	**18**	**6083**
Iron and steel	-	-	-	-	-	98	-	-	1	219
Chemical and petrochemical	28	4	-	-	5977	293	-	-	1	188
Non-ferrous metals	-	-	-	-	-	9	-	-	1	72
Non-metallic minerals	1	-	-	-	-	56	-	-	-	240
Transport equipment	-	-	-	-	-	13	-	-	7	163
Machinery	-	-	-	-	-	25	10	1	-	201
Mining and quarrying	-	-	-	-	-	7	-	-	-	2097
Food and tobacco	3	-	-	-	-	97	2	-	1	755
Paper, pulp and print	-	-	-	-	-	6	-	-	-	99
Wood and wood products	-	-	-	-	-	3	1	-	-	151
Construction	-	-	-	-	-	99	84	-	-	1683
Textile and leather	-	-	-	-	-	2	-	-	7	31
Non-specified	324	-	-	-	-	46	13	-	-	184
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**2268**	**53650**	**5965**	**-**	**36959**
Domestic aviation	-	-	-	-	-	-	-	5965	-	1
Road	-	-	-	-	-	2255	53306	-	-	33219
Rail	-	-	-	-	-	-	65	-	-	2335
Pipeline transport	-	-	-	-	-	2	58	-	-	192
Domestic navigation	-	-	-	-	-	-	28	-	-	661
Non-specified	-	-	-	-	-	11	193	-	-	551
OTHER	**78**	**-**	**-**	**-**	**-**	**8528**	**117**	**13**	**376**	**16002**
Residential	-	-	-	-	-	6546	9	-	163	3615
Comm. and public services	-	-	-	-	-	580	38	-	6	2841
Agriculture/forestry	13	-	-	-	-	97	58	-	8	7901
Fishing	-	-	-	-	-	-	9	-	-	306
Non-specified	65	-	-	-	-	1305	3	13	199	1339
NON-ENERGY USE	**53**	**2**	**-**	**-**	**-**	**8418**	**-**	**7**	**5**	**1**
in industry/transf./energy	53	2	-	-	-	8417	-	7	5	1
of which: chem./petrochem.	-	-	-	-	-	*8417*	-	*7*	*4*	*1*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	1	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	98891	26343	4347	17212	854242	501	7659	190104	1753843	7020709
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	6013	17	1811	2665	15219	345	-	2272	81958	-
Exports	-79810	-937	-930	-2796	-95890	-234	-	-	-98170	-
Intl. marine bunkers	-10494	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	41	-22	74	56	-2711	-1	-	868	-	-
DOMESTIC SUPPLY	**14641**	**25401**	**5302**	**17137**	**770860**	**611**	**7659**	**193244**	**1737631**	**7020709**
Transfers	-21	29	-	-216	-	-	-	-	-	-
Statistical differences	2794	48	-4	46	-47	-	1	-	-6087	882
TRANSFORMATION	**10060**	**328**	**227**	**302**	**139177**	**-**	**6363**	**155308**	**5**	**2841**
Electricity plants	1468	-	-	-	3064	-	829	2630	-	2841
CHP plants	2780	-	220	154	42216	-	5532	84602	-	-
Heat plants	5726	-	7	48	78962	-	2	68076	5	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	60	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	86	328	-	100	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	14875	-	-	-	-	-
ENERGY IND. OWN USE	**2842**	**-**	**349**	**274**	**1859**	**-**	**28**	**7136**	**305024**	**695381**
Fuel mining and extraction	2	-	-	-	1	-	-	-	124161	176308
Oil refineries	598	-	349	12	2	-	-	7136	26696	314469
Elec., CHP and heat plants	181	-	-	-	1816	-	11	-	127561	71507
Pumped storage plants	-	-	-	-	-	-	-	-	7482	-
Other energy ind. own use	2061	-	-	262	40	-	17	-	19124	133097
Losses	3	-	-	-	60	-	108	-	180674	547996
FINAL CONSUMPTION	**4509**	**25150**	**4722**	**16391**	**629717**	**611**	**1161**	**30800**	**1245841**	**5775373**
INDUSTRY	**2085**	**-**	**4446**	**85**	**55574**	**-**	**330**	**24561**	**536683**	**1904611**
Iron and steel	865	-	75	-	276	-	-	5784	118601	356289
Chemical and petrochemical	49	-	13	25	1179	-	173	2321	65807	558921
Non-ferrous metals	41	-	-	-	55	-	-	-	106067	11348
Non-metallic minerals	66	-	1072	22	3989	-	-	6812	29749	110109
Transport equipment	47	-	-	-	115	-	-	120	16461	90536
Machinery	119	-	-	-	1069	-	-	156	27818	147572
Mining and quarrying	28	-	-	-	520	-	-	422	44404	51324
Food and tobacco	133	-	11	11	7022	-	92	1496	31376	241814
Paper, pulp and print	136	-	-	-	7375	-	-	1188	23388	168808
Wood and wood products	20	-	-	-	26210	-	-	5932	7739	51888
Construction	131	-	7	20	611	-	-	-	17188	46081
Textile and leather	6	-	-	3	1109	-	-	80	6530	17264
Non-specified	444	-	3268	4	6044	-	65	250	41555	52657
TRANSPORT	**410**	**-**	**-**	**3**	**21**	**586**	**-**	**-**	**107400**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	3	-	579	-	-	452	-
Rail	45	-	-	-	21	5	-	-	60807	-
Pipeline transport	3	-	-	-	-	-	-	-	25381	-
Domestic navigation	235	-	-	-	-	-	-	-	-	-
Non-specified	127	-	-	-	-	2	-	-	20760	-
OTHER	**2009**	**-**	**6**	**425**	**574123**	**25**	**831**	**6239**	**601758**	**3870762**
Residential	173	-	-	3	507053	-	-	-	301083	2662740
Comm. and public services	366	-	-	13	55209	-	453	4447	246200	916109
Agriculture/forestry	20	-	-	7	9642	25	378	1792	47949	120937
Fishing	512	-	-	-	36	-	-	-	322	390
Non-specified	938	-	6	402	2183	-	-	-	6204	170586
NON-ENERGY USE	**5**	**25150**	**270**	**15878**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	5	25150	270	15531	-	-	-	-	-	-
of which: chem./petrochem.	*2*	*25142*	*22*	*2507*	-	-	-	-	-	-
in transport	-	-	-	204	-	-	-	-	-	-
in other	-	-	-	143	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Middle East

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	810	148	-	-	1124	-	-	7504	17241	-	22009013
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	134	3296	59	-	482	-	-	-	-	-	1271764
Exports	-205	-	-	-	-	-	-	-	-	-	-6088250
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-1	-	-	-	-	-	1
DOMESTIC SUPPLY	**739**	**3444**	**59**	**-**	**1605**	**-**	**-**	**7504**	**17241**	**-**	**17192528**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	864	-6	-	-	237	-	-	-1462	-	-	-6569
TRANSFORMATION	**1603**	**-**	**-**	**-**	**1495**	**-**	**-**	**202**	**7429**	**-**	**7538682**
Electricity plants	-	-	-	-	-	-	-	202	7429	-	6873262
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	1495	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	1603	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	665420
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1964**	**4941**	**-**	**1609365**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	815050
Oil refineries	-	-	-	-	-	-	-	-	-	-	244523
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	1964	4941	-	549792
Losses	-	-	-	-	-	-	-	1126	2940	-	1397
FINAL CONSUMPTION	**-**	**3438**	**59**	**-**	**347**	**-**	**-**	**2750**	**1931**	**-**	**8036515**
INDUSTRY	**-**	**3424**	**59**	**-**	**49**	**-**	**-**	**2750**	**1931**	**-**	**4663454**
Iron and steel	-	-	-	-	-	-	-	2750	1931	-	71761
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	694631
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	3290	59	-	43	-	-	-	-	-	39286
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	3009
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	134	-	-	6	-	-	-	-	-	3854767
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**296036**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	277932
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	18104
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**14**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2107097**
Residential	-	14	-	-	-	-	-	-	-	-	1785306
Comm. and public services	-	-	-	-	-	-	-	-	-	-	261245
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	52973
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	7573
NON-ENERGY USE	**-**	**-**	**-**	**-**	**298**	**-**	**-**	**-**	**-**	**-**	**969928**
in industry/transf./energy	-	-	-	-	298	-	-	-	-	-	969928
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*960523*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	1155178	146128	-	-	5428	5638	49842	20986	17137	98360
From other sources	5902	-	387	-	-	-	-	-	-	-
Imports	10515	-	-	1856	-	1215	18205	567	250	33445
Exports	-831209	-28744	-	-	-	-44814	-2629	-7108	-12019	-27193
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-674
Intl. aviation bunkers	-	-	-	-	-	-	-	-12820	-	-
Stock changes	1371	451	-	-	-	435	-712	-517	72	344
DOMESTIC SUPPLY	**341757**	**117835**	**387**	**1856**	**5428**	**-37526**	**64706**	**1108**	**5440**	**104282**
Transfers	-184	-84337	1071	-	-	71456	403	-	-328	4618
Statistical differences	-2582	1	-	-	-	-1705	1147	-4	1113	1173
TRANSFORMATION	**330937**	**31910**	**1458**	**1856**	**-**	**-**	**-**	**-**	**1**	**37176**
Electricity plants	30858	-	-	-	-	-	-	-	1	37176
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	300079	31910	1458	1856	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**2838**	**1589**	**-**	**-**	**5428**	**734**	**-**	**-**	**-**	**1982**
Fuel mining and extraction	2825	1589	-	-	-	319	-	-	-	1842
Oil refineries	13	-	-	-	5428	415	-	-	-	129
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	11
Losses	97	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**5119**	**-**	**-**	**-**	**-**	**31491**	**66256**	**1104**	**6224**	**70915**
INDUSTRY	**5119**	**-**	**-**	**-**	**-**	**44**	**34**	**-**	**22**	**11096**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	19	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	5119	-	-	-	-	25	34	-	22	11096
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**116**	**66184**	**1104**	**64**	**53520**
Domestic aviation	-	-	-	-	-	-	-	1104	-	-
Road	-	-	-	-	-	116	66184	-	-	53519
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	64	1
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**7110**	**38**	**-**	**4839**	**6299**
Residential	-	-	-	-	-	6661	-	-	4737	1367
Comm. and public services	-	-	-	-	-	439	37	-	87	1063
Agriculture/forestry	-	-	-	-	-	-	1	-	15	3369
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	10	-	-	-	500
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**24221**	**-**	**-**	**1299**	**-**
in industry/transf./energy	-	-	-	-	-	24221	-	-	1299	-
of which: chem./petrochem.	-	-	-	-	-	*24221*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	83449	32614	-	14798	32931	-	625	-	989919	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	21818	-	78	3411	3177	-	-	-	16918	-
Exports	-17291	-41064	-	-4459	-	-	-	-	-10099	-
Intl. marine bunkers	-24213	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	113	139	-	-206	-	-	-	-	-	-
DOMESTIC SUPPLY	**63876**	**-8311**	**78**	**13544**	**36108**	**-**	**625**	**-**	**996738**	**-**
Transfers	-7176	14091	387	-	-	-	-	-	-	-
Statistical differences	3112	-1040	-	-1494	-	-	-	-	-1972	-
TRANSFORMATION	**34315**	**-**	**-**	**546**	**3890**	**-**	**625**	**-**	**-**	**-**
Electricity plants	34315	-	-	-	-	-	625	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	546	3890	-	-	-	-	-
ENERGY IND. OWN USE	**3681**	**-**	**-**	**290**	**-**	**-**	**-**	**-**	**61036**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	3681	-	-	290	-	-	-	-	20386	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	40506	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	144	-
Losses	-	-	-	-	-	-	-	-	121299	-
FINAL CONSUMPTION	**21816**	**4740**	**465**	**11214**	**32219**	**-**	**-**	**-**	**812431**	**-**
INDUSTRY	**17566**	**-**	**78**	**759**	**-**	**-**	**-**	**-**	**189519**	**-**
Iron and steel	-	-	-	-	-	-	-	-	6457	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	13841	-
Non-ferrous metals	-	-	-	-	-	-	-	-	11001	-
Non-metallic minerals	-	-	78	-	-	-	-	-	1103	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	499	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	17566	-	-	759	-	-	-	-	156618	-
TRANSPORT	**3583**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**363**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	3583	-	-	-	-	-	-	-	363	-
OTHER	**667**	**-**	**-**	**-**	**32219**	**-**	**-**	**-**	**622549**	**-**
Residential	-	-	-	-	14919	-	-	-	341585	-
Comm. and public services	284	-	-	-	10392	-	-	-	198536	-
Agriculture/forestry	4	-	-	-	-	-	-	-	42437	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	379	-	-	-	6907	-	-	-	39991	-
NON-ENERGY USE	**-**	**4740**	**387**	**10455**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	4740	387	10446	-	-	-	-	-	-
of which: chem./petrochem.	-	*4740*	-	*278*	-	-	-	-	-	-
in transport	-	-	-	9	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	180295	226712	21244	60543	2914	213	-	20671	17183	-	2461826
From other sources	-	-	-	-	-	-	113	-	-	-	-
Imports	81	30	-	-	81	-	-	-	-	-	277519
Exports	-180458	-194586	-	-	-846	-6	-	-	-	-	-1264582
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	3986	-6452	-	-	-	-44	-	-	-	-	-
DOMESTIC SUPPLY	**3904**	**25704**	**21244**	**60543**	**2149**	**163**	**113**	**20671**	**17183**	**-**	**1474763**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	402	-27	-	-	-	-	-	20932
TRANSFORMATION	**3904**	**24224**	**18934**	**60931**	**1339**	**41**	**-**	**-**	**-**	**-**	**531033**
Electricity plants	-	24079	18431	59150	-	41	-	-	-	-	436049
CHP plants	-	-	503	1207	-	-	-	-	-	-	94777
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	145 e	-	-	1339 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	113
Coke/pat.fuel/BKB/PB plants	3904	-	-	574	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	94
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**69**	**42**	**-**	**20671**	**17183**	**-**	**337121**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	187312
Oil refineries	-	-	-	-	-	-	-	-	-	-	9314
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	69	42	-	20671	17183	-	140495
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**1480**	**2310**	**14**	**714**	**80**	**113**	**-**	**-**	**-**	**627541**
INDUSTRY	**-**	**1477**	**2310**	**-**	**714**	**80**	**42**	**-**	**-**	**-**	**364210**
Iron and steel	-	91 e	-	-	556 e	-	-	-	-	-	13403
Chemical and petrochemical	-	232	-	-	8	-	-	-	-	-	74429
Non-ferrous metals	-	438	1637	-	121	-	-	-	-	-	151140
Non-metallic minerals	-	354	434	-	19	-	-	-	-	-	53590
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	3483
Mining and quarrying	-	-	116	-	10	-	-	-	-	-	8506
Food and tobacco	-	320	-	-	-	76	-	-	-	-	33830
Paper, pulp and print	-	-	96	-	-	-	-	-	-	-	15627
Wood and wood products	-	5	-	-	-	4	-	-	-	-	2187
Construction	-	-	27	-	-	-	42	-	-	-	2922
Textile and leather	-	17	-	-	-	-	-	-	-	-	5007
Non-specified	-	20	-	-	-	-	-	-	-	-	86
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**13341**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	3098
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	9743
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	500
OTHER	**-**	**3**	**-**	**14**	**-**	**-**	**71**	**-**	**-**	**-**	**212775**
Residential	-	-	-	-	-	-	-	-	-	-	158915
Comm. and public services	-	3	-	14	-	-	71	-	-	-	52454
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	1406
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**37215**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	37215
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*37215*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	16111	1987	-	-	912	566	9790	4044	5	10421
From other sources	94	-	-	-	-	-	-	-	-	-
Imports	21835	-	354	-	-	372	2630	2757	-	11260
Exports	-11099	-	-762	-	-	-1338	-97	-15	-	-54
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-34
Intl. aviation bunkers	-	-	-	-	-	-	-	-3683	-	-
Stock changes	60	-	17	-	-	-42	108	-12	-1	358
DOMESTIC SUPPLY	**27001**	**1987**	**-391**	**-**	**912**	**-442**	**12431**	**3091**	**4**	**21951**
Transfers	14	-1987	2705	-	-	2423	-	-	-	-
Statistical differences	105	-	-901	-	12	328	1029	-245	20	-966
TRANSFORMATION	**27050**	**-**	**1413**	**-**	**-**	**-**	**-**	**-**	**-**	**865**
Electricity plants	-	-	-	-	-	-	-	-	-	865
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	27050	-	1413	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**55**	**-**	**-**	**-**	**912**	**50**	**5**	**-**	**7**	**2464**
Fuel mining and extraction	41	-	-	-	-	39	3	-	-	2438
Oil refineries	-	-	-	-	912	3	-	-	-	-
Elec., CHP and heat plants	14	-	-	-	-	3	-	-	4	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	5	2	-	3	26
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**15**	**-**	**-**	**-**	**12**	**2259**	**13455**	**2846**	**17**	**17656**
INDUSTRY	**15**	**-**	**-**	**-**	**12**	**181**	**12**	**-**	**3**	**3131**
Iron and steel	-	-	-	-	-	1	-	-	-	11
Chemical and petrochemical	-	-	-	-	12	-	-	-	2	167
Non-ferrous metals	-	-	-	-	-	13	-	-	-	123
Non-metallic minerals	-	-	-	-	-	80	-	-	-	21
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	14	1	-	-	13
Mining and quarrying	-	-	-	-	-	33	-	-	-	2298
Food and tobacco	4	-	-	-	-	23	11	-	1	37
Paper, pulp and print	-	-	-	-	-	3	-	-	-	1
Wood and wood products	-	-	-	-	-	1	-	-	-	4
Construction	-	-	-	-	-	6	-	-	-	455
Textile and leather	11	-	-	-	-	6	-	-	-	1
Non-specified	-	-	-	-	-	1	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**1059**	**13307**	**2846**	**-**	**12128**
Domestic aviation	-	-	-	-	-	-	-	2846	-	-
Road	-	-	-	-	-	1056	13042	-	-	10872
Rail	-	-	-	-	-	-	-	-	-	955
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	259	-	-	189
Non-specified	-	-	-	-	-	3	6	-	-	112
OTHER	**-**	**-**	**-**	**-**	**-**	**420**	**136**	**-**	**9**	**2397**
Residential	-	-	-	-	-	312	-	-	-	24
Comm. and public services	-	-	-	-	-	70	-	-	8	564
Agriculture/forestry	-	-	-	-	-	38	136	-	1	1809
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**599**	**-**	**-**	**5**	**-**
in industry/transf./energy	-	-	-	-	-	599	-	-	5	-
of which: chem./petrochem.	-	-	-	-	-	*599*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	645	124	533	401	182505	324	16366	4298	248299	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1264	-	716	1370	-	-	-	-	-	-
Exports	-43	-	-	-335	-	-	-	-	-	-
Intl. marine bunkers	-674	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-11	3	-	-62	-	-	-	-	-	-
DOMESTIC SUPPLY	**1181**	**127**	**1249**	**1374**	**182505**	**324**	**16366**	**4298**	**248299**	**-**
Transfers	-	-	-	2106	-	-	-	-	-	-
Statistical differences	-321	-3	370	-105	-	-	-	-	-1	-
TRANSFORMATION	**155**	**-**	**-**	**72**	**16711**	**-**	**14005**	**-**	**-**	**-**
Electricity plants	155	-	-	34	1731	-	8599	-	-	-
CHP plants	-	-	-	38	14980	-	5406	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**66**	**-**	**533**	**185**	**-**	**-**	**-**	**-**	**28377**	**-**
Fuel mining and extraction	1	-	-	2	-	-	-	-	11396	-
Oil refineries	7	-	533	-	-	-	-	-	1222	-
Elec., CHP and heat plants	-	-	-	2	-	-	-	-	14831	-
Pumped storage plants	-	-	-	-	-	-	-	-	60	-
Other energy ind. own use	58	-	-	181	-	-	-	-	868	-
Losses	-	-	-	-	-	-	-	-	11866	-
FINAL CONSUMPTION	**639**	**124**	**1086**	**3118**	**165794**	**324**	**2361**	**4298**	**208055**	**-**
INDUSTRY	**574**	**-**	**-**	**482**	**113737**	**-**	**580**	**4298**	**79483**	**-**
Iron and steel	4	-	-	3	-	-	-	-	3283	-
Chemical and petrochemical	17	-	-	-	512	-	-	4103	4108	-
Non-ferrous metals	501	-	-	240	612	-	-	-	37960	-
Non-metallic minerals	6	-	-	36	1808	-	47	-	4388	-
Transport equipment	-	-	-	-	-	-	-	-	..	-
Machinery	-	-	-	-	-	-	-	-	1810	-
Mining and quarrying	20	-	-	104	3	-	-	-	16646	-
Food and tobacco	11	-	-	54	81175	-	491	195	5923	-
Paper, pulp and print	-	-	-	45	17341	-	42	-	3885	-
Wood and wood products	2	-	-	-	12286	-	-	-	673	-
Construction	11	-	-	-	-	-	-	-	172	-
Textile and leather	2	-	-	-	-	-	-	-	606	-
Non-specified	-	-	-	-	-	-	-	-	29	-
TRANSPORT	**47**	**-**	**-**	**11**	**-**	**324**	**-**	**-**	**4770**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	324	-	-	-	-
Rail	-	-	-	-	-	-	-	-	2533	-
Pipeline transport	-	-	-	3	-	-	-	-	231	-
Domestic navigation	47	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	8	-	-	-	-	2006	-
OTHER	**18**	**-**	**-**	**44**	**52057**	**-**	**1781**	**-**	**123802**	**-**
Residential	-	-	-	-	51771	-	-	-	58031	-
Comm. and public services	18	-	-	44	286	-	1781	-	63310	-
Agriculture/forestry	-	-	-	-	-	-	-	-	2461	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**124**	**1086**	**2581**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	124	1086	2581	-	-	-	-	-	-
of which: chem./petrochem.	-	-	*73*	*1329*	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Australia: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	191056	229746	22520	65350	3087	36	-	20867	16763	-	2593879
From other sources	-	-	-	-	-	-	40	-	-	-	-
Imports	101	24	-	-	130	-	-	-	-	-	255106
Exports	-187664	-204683	-	-	-712	-	-	-	-	-	-1357598
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	454	4960	-	301	-	7	-	-	-	-	-
DOMESTIC SUPPLY	**3947**	**30047**	**22520**	**65651**	**2505**	**43**	**40**	**20867**	**16763**	**-**	**1491387**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	15528	1821	-	-	897	519	9210	3446	7	9559
From other sources	94	-	-	-	-	-	-	-	-	-
Imports	18970	-	391	-	-	756	4050	3406	6	12854
Exports	-11383	-	-705	-	-	-1143	-87	-20	-	-64
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-75
Intl. aviation bunkers	-	-	-	-	-	-	-	-3668	-	-
Stock changes	130	-	47	-	-	71	-120	-71	1	-225
DOMESTIC SUPPLY	**23339**	**1821**	**-267**	**-**	**897**	**203**	**13053**	**3093**	**14**	**22049**
Transfers	14	-1821	2705	-	-	2257	-	-	-	-

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	621	28	470	401	205159	333	17849	4292	248686	-
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	1264	-	670	1370	-	-	-	-	-	-
Exports	-100	-	-	-300	-	-	-	-	-	-
Intl. marine bunkers	-662	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-	18	-	162	-	-	-	-	-	-
DOMESTIC SUPPLY	**1123**	**46**	**1140**	**1633**	**205159**	**333**	**17849**	**4292**	**248686**	**-**
Transfers	-	-	-	1806	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	1375	-	-	10087	34818	1	50475
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	1824	1333	86	12	1232	24	-	-	-	-	386748
Exports	-	-	-	-	-1	-	-	-	-	-	-96661
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-57	26	-	-	9	-3	-	-	-	-	-40749
DOMESTIC SUPPLY	**1767**	**1359**	**86**	**12**	**2615**	**21**	**-**	**10087**	**34818**	**1**	**299813**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**1767**	**1175**	**-**	**-**	**2263**	**-**	**-**	**2703**	**16217**	**-**	**75139**
Electricity plants	-	730	-	-	-	-	-	2519	15428	-	5927
CHP plants	-	215	-	-	-	-	-	184	789	-	47001
Heat plants	-	-	-	-	-	-	-	-	-	-	15462
Blast furnaces	-	230	-	-	2263	-	-	-	-	-	6749
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	1767	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**66**	**-**	**-**	**4803**	**16676**	**-**	**13608**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	4387
Oil refineries	-	-	-	-	-	-	-	-	-	-	9123
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	66	-	-	4803	16676	-	98
Losses	-	-	-	-	-	-	-	3	780	-	106
FINAL CONSUMPTION	**-**	**184**	**86**	**12**	**286**	**21**	**-**	**2578**	**1145**	**1**	**210960**
INDUSTRY	**-**	**181**	**86**	**10**	**225**	**-**	**-**	**2578**	**1145**	**-**	**112917**
Iron and steel	-	-	-	-	214	-	-	2578	1145	-	18915
Chemical and petrochemical	-	33	-	-	-	-	-	-	-	-	18932
Non-ferrous metals	-	-	-	-	5	-	-	-	-	-	4614
Non-metallic minerals	-	30	86	10	-	-	-	-	-	-	13977
Transport equipment	-	-	-	-	-	-	-	-	-	-	1833
Machinery	-	-	-	-	-	-	-	-	-	-	8411
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	2356
Food and tobacco	-	-	-	-	6	-	-	-	-	-	12156
Paper, pulp and print	-	118	-	-	-	-	-	-	-	-	23548
Wood and wood products	-	-	-	-	-	-	-	-	-	-	2514
Construction	-	-	-	-	-	-	-	-	-	-	1861
Textile and leather	-	-	-	-	-	-	-	-	-	-	1648
Non-specified	-	-	-	-	-	-	-	-	-	-	2152
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10868**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	780
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	10088
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**3**	**-**	**2**	**17**	**21**	**-**	**-**	**-**	**1**	**71640**
Residential	-	3	-	2	15	16	-	-	-	1	46553
Comm. and public services	-	-	-	-	1	4	-	-	-	-	24486
Agriculture/forestry	-	-	-	-	1	1	-	-	-	-	601
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**44**	**-**	**-**	**-**	**-**	**-**	**15535**
in industry/transf./energy	-	-	-	-	44	-	-	-	-	-	15535
of which: chem./petrochem.	-	-	-	-	*21*	-	-	-	-	-	*15535*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	890	23	-	-	342	65	1773	581	18	3756
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	7510	152	77	-	-	64	730	85	1	4217
Exports	-	-	-	-	-	-21	-827	-32	-	-948
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-20
Intl. aviation bunkers	-	-	-	-	-	-	-	-627	-	-
Stock changes	-28	-	6	-	-	-3	-60	23	-	50
DOMESTIC SUPPLY	**8372**	**175**	**83**	**-**	**342**	**105**	**1616**	**30**	**19**	**7055**
Transfers	-	-	284	-	-	-	-78	-	-18	-74
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**8372**	**175**	**367**	**-**	**22**	**-**	**-**	**-**	**-**	**6**
Electricity plants	-	-	-	-	-	-	-	-	-	2
CHP plants	-	-	-	-	22	-	-	-	-	1
Heat plants	-	-	-	-	-	-	-	-	-	3
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	8372	175	367	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**319**	**4**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	319	4	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**1**	**101**	**1538**	**30**	**1**	**6975**
INDUSTRY	**-**	**-**	**-**	**-**	**1**	**34**	**-**	**-**	**-**	**341**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	1	-	-	-	-	1
Non-ferrous metals	-	-	-	-	-	1	-	-	-	1
Non-metallic minerals	-	-	-	-	-	7	-	-	-	5
Transport equipment	-	-	-	-	-	1	-	-	-	1
Machinery	-	-	-	-	-	9	-	-	-	6
Mining and quarrying	-	-	-	-	-	1	-	-	-	5
Food and tobacco	-	-	-	-	-	5	-	-	-	16
Paper, pulp and print	-	-	-	-	-	-	-	-	-	1
Wood and wood products	-	-	-	-	-	2	-	-	-	2
Construction	-	-	-	-	-	7	-	-	-	300
Textile and leather	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	1	-	-	-	2
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**17**	**1538**	**30**	**-**	**5339**
Domestic aviation	-	-	-	-	-	-	-	30	-	-
Road	-	-	-	-	-	17	1536	-	-	5297
Rail	-	-	-	-	-	-	-	-	-	41
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	2	-	-	1
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**50**	**-**	**-**	**1**	**1295**
Residential	-	-	-	-	-	28	-	-	-	832
Comm. and public services	-	-	-	-	-	20	-	-	1	247
Agriculture/forestry	-	-	-	-	-	2	-	-	-	216
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	981	976	55	357	183258	470	12235	36863	65421	79998
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	41	-	83	401	19236	573	-	-	26712	-
Exports	-428	-	-	-191	-9601	-322	-	-	-17437	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	50	-2	4	-2	-2431	1	-	-	-	-
DOMESTIC SUPPLY	**644**	**974**	**142**	**565**	**190462**	**722**	**12235**	**36863**	**74696**	**79998**
Transfers	-114	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	1
TRANSFORMATION	**302**	**-**	**-**	**-**	**65995**	**1**	**10346**	**24279**	**-**	**95**
Electricity plants	1	-	-	-	13999	-	9857	12303	-	95
CHP plants	154	-	-	-	28619	-	413	9511	-	-
Heat plants	33	-	-	-	23314	1	76	2465	-	-
Blast furnaces	114	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	63	-	-	-	-	-
ENERGY IND. OWN USE	**90**	**-**	**55**	**-**	**-**	**-**	**-**	**2007**	**10944**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	296	-
Oil refineries	90	-	55	-	-	-	-	-	856	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	3083	-
Pumped storage plants	-	-	-	-	-	-	-	-	5466	-
Other energy ind. own use	-	-	-	-	-	-	-	2007	1243	-
Losses	-	-	-	-	-	-	-	-	3284	6953
FINAL CONSUMPTION	**138**	**974**	**87**	**565**	**124467**	**721**	**1889**	**10577**	**60468**	**72951**
INDUSTRY	**135**	**-**	**50**	**7**	**53052**	**21**	**1518**	**10555**	**26565**	**11157**
Iron and steel	2	-	-	-	4	-	31	-	2442	391
Chemical and petrochemical	18	-	-	3	2619	-	305	1308	4157	2819
Non-ferrous metals	4	-	-	-	39	-	8	152	1010	53
Non-metallic minerals	23	-	50	-	4965	-	21	6834	1844	22
Transport equipment	1	-	-	-	48	-	3	-	767	754
Machinery	19	-	-	-	964	-	207	1	3775	1420
Mining and quarrying	4	-	-	-	26	-	2	-	1162	10
Food and tobacco	29	-	-	-	374	-	299	-	2209	1227
Paper, pulp and print	11	-	-	-	27197	-	627	547	4690	1024
Wood and wood products	5	-	-	-	14616	-	5	1683	1813	2549
Construction	9	-	-	4	970	21	2	15	635	382
Textile and leather	3	-	-	-	31	-	1	-	434	42
Non-specified	7	-	-	-	1199	-	7	15	1627	464
TRANSPORT	**-**	**-**	**-**	**11**	**-**	**681**	**17**	**-**	**3017**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	11	-	678	7	-	14	-
Rail	-	-	-	-	-	3	-	-	2006	-
Pipeline transport	-	-	-	-	-	-	-	-	168	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	10	-	829	-
OTHER	**3**	**-**	**-**	**-**	**71415**	**19**	**354**	**22**	**30886**	**61794**
Residential	-	-	-	-	60220	-	45	-	17439	27449
Comm. and public services	3	-	-	-	2436	2	308	22	12671	33952
Agriculture/forestry	-	-	-	-	8760	17	1	-	776	393
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**974**	**37**	**547**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	974	37	523	-	-	-	-	-	-
of which: chem./petrochem.	-	*974*	*6*	*67*	-	-	-	-	-	-
in transport	-	-	-	23	-	-	-	-	-	-
in other	-	-	-	1	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Austria: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	1379	-	-	10337	33185	1	48263
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	1730	1297	82	20	959	21	-	-	-	-	438718
Exports	-5	-6	-	-	-47	-	-	-	-	-	-206637
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	48	639	-	-	17	-	-	-	-	-	39579
DOMESTIC SUPPLY	**1773**	**1930**	**82**	**20**	**2308**	**21**	**-**	**10337**	**33185**	**1**	**319923**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	853	23	-	-	281	139	1722	648	27	3891
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	8078	31	67	-	-	54	804	113	-	4345
Exports	-	-	-	-	-	-83	-927	-37	-	-840
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-20
Intl. aviation bunkers	-	-	-	-	-	-	-	-674	-	-
Stock changes	-79	-	-134	-	-	-3	27	-17	-	-37
DOMESTIC SUPPLY	**8852**	**54**	**-67**	**-**	**281**	**107**	**1626**	**33**	**27**	**7339**
Transfers	-	-	437	-	-	-	-49	-	-27	-114

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	1142	943	60	310	194390	398	12533	37124	65296	84513
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	11	1	83	407	17537	608	-	-	29368	-
Exports	-519	-	-	-171	-10380	-373	-	-	-19311	-
Intl. marine bunkers	-	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	72	4	-	2	-2606	-96	-	-	-	-
DOMESTIC SUPPLY	**706**	**948**	**143**	**548**	**198941**	**537**	**12533**	**37124**	**75353**	**84513**
Transfers	-247	-	-	..	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	1491	-	-	12529	25651	-	-
From other sources	-	5	-	-	-	-	-	-	-	-	-
Imports	2234	2992	-	-	232	436	-	-	-	-	626763
Exports	-	-557	-	-	-176	-7	-	-	-	-	-33730
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-23	-167	-	-	63	-1	-	-	-	-	-6915
DOMESTIC SUPPLY	**2211**	**2273**	**-**	**-**	**1610**	**428**	**-**	**12529**	**25651**	**-**	**586118**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	4	38	-	-	5	-	-	-108	411	-	-174
TRANSFORMATION	**1954**	**1798**	**-**	**-**	**1286**	**-**	**-**	**322**	**18218**	**-**	**148336**
Electricity plants	-	780	-	-	-	-	-	224	18218	-	70750
CHP plants	-	13	-	-	-	-	-	98	-	-	77414
Heat plants	-	-	-	-	-	-	-	-	-	-	172
Blast furnaces	-	1005 e	-	-	1286 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	1954	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5384**	**6290**	**-**	**20162**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	20162
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	5384	6290	-	-
Losses	-	6	-	-	-	-	-	-	-	-	74
FINAL CONSUMPTION	**261**	**507**	**-**	**-**	**329**	**428**	**-**	**6715**	**1554**	**-**	**417372**
INDUSTRY	**261**	**382**	**-**	**-**	**99**	**420**	**-**	**6715**	**1554**	**-**	**161299**
Iron and steel	260	75 e	-	-	96 e	-	-	6715	1554	-	18552
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	54125
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	5162
Non-metallic minerals	-	240	-	-	1	387	-	-	-	-	23128
Transport equipment	-	-	-	-	-	-	-	-	-	-	2740
Machinery	-	-	-	-	-	-	-	-	-	-	5629
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	33	-	-	-	-	-	-	-	-	33761
Paper, pulp and print	-	31	-	-	-	-	-	-	-	-	5565
Wood and wood products	-	-	-	-	-	-	-	-	-	-	831
Construction	-	-	-	-	-	-	-	-	-	-	1969
Textile and leather	-	-	-	-	-	-	-	-	-	-	3937
Non-specified	1	3	-	-	2	33	-	-	-	-	5900
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2193**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	76
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	2117
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**125**	**-**	**-**	**4**	**8**	**-**	**-**	**-**	**-**	**213644**
Residential	-	112	-	-	4	8	-	-	-	-	134321
Comm. and public services	-	-	-	-	-	-	-	-	-	-	70501
Agriculture/forestry	-	13	-	-	-	-	-	-	-	-	8822
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**226**	**-**	**-**	**-**	**-**	**-**	**40236**
in industry/transf./energy	-	-	-	-	226	-	-	-	-	-	40236
of which: chem./petrochem.	-	-	-	-	*226*	-	-	-	-	-	*40236*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	819	707	4565	1666	20	13369
From other sources	-	-	983	-	-	-	-	-	-	-
Imports	32188	544	3110	-	-	1830	828	945	71	9782
Exports	-	-	-3378	-	-	-669	-4220	-1318	-43	-11768
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-600
Intl. aviation bunkers	-	-	-	-	-	-	-	-1295	-	-
Stock changes	-67	20	22	-	-	-6	-93	73	-5	-184
DOMESTIC SUPPLY	**32121**	**564**	**737**	**-**	**819**	**1862**	**1080**	**71**	**43**	**10599**
Transfers	-	-321	2576	-	-	-	176	-54	9	-533
Statistical differences	2	-1	2	-	-	-30	-12	14	1	-38
TRANSFORMATION	**32123**	**242**	**3315**	**-**	**23**	**-**	**-**	**-**	**1**	**4**
Electricity plants	-	-	-	-	-	-	-	-	1	2
CHP plants	-	-	-	-	23	-	-	-	-	2
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	32123	242	3315	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**796**	**-**	**-**	**-**	**-**	**2**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	796	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	1
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	1
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**1832**	**1244**	**31**	**52**	**10022**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**199**	**5**	**-**	**2**	**213**
Iron and steel	-	-	-	-	-	-	-	-	-	11
Chemical and petrochemical	-	-	-	-	-	170	-	-	-	21
Non-ferrous metals	-	-	-	-	-	-	-	-	-	1
Non-metallic minerals	-	-	-	-	-	-	-	-	-	8
Transport equipment	-	-	-	-	-	-	-	-	-	6
Machinery	-	-	-	-	-	-	-	-	-	16
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	1	-	-	-	5
Paper, pulp and print	-	-	-	-	-	1	-	-	-	1
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	5	-	-	36
Textile and leather	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	27	-	-	2	107
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**42**	**1207**	**2**	**2**	**6682**
Domestic aviation	-	-	-	-	-	-	-	2	-	-
Road	-	-	-	-	-	42	1207	-	-	6475
Rail	-	-	-	-	-	-	-	-	-	46
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	2	161
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**134**	**32**	**29**	**48**	**3127**
Residential	-	-	-	-	-	86	23	-	25	2130
Comm. and public services	-	-	-	-	-	47	-	-	9	684
Agriculture/forestry	-	-	-	-	-	1	9	-	3	313
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	29	11	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**1457**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	1457	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*1457*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	5512	2569	330	5693	46226	633	8639	42386	72688	36485
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	3700	4053	269	787	24766	49	-	-	21791	-
Exports	-4551	-1263	-182	-1716	-	-207	-	-	-4188	-
Intl. marine bunkers	-4993	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-79	35	-	-33	-	-	-	-	-	-
DOMESTIC SUPPLY	**-411**	**5394**	**417**	**4731**	**70992**	**475**	**8639**	**42386**	**90291**	**36485**
Transfers	548	321	-	-2688	-	-	-	-	-	-
Statistical differences	-6	-2	-	15	-	-3	-	-	-67	-538
TRANSFORMATION	**5**	**983**	**-**	**-**	**23516**	**16**	**5168**	**34743**	**-**	**9304**
Electricity plants	-	-	-	-	13673	-	1317	13962	-	9304
CHP plants	5	-	-	-	9843	16	3851	20421	-	-
Heat plants	-	-	-	-	-	-	-	360	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	983	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**39**	**-**	**330**	**-**	**-**	**-**	**-**	**696**	**5784**	**4245**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	39	-	330	-	-	-	-	-	1378	4236
Elec., CHP and heat plants	-	-	-	-	-	-	-	696	2723	-
Pumped storage plants	-	-	-	-	-	-	-	-	1629	-
Other energy ind. own use	-	-	-	-	-	-	-	-	54	9
Losses	-	-	-	-	-	-	-	-	3879	458
FINAL CONSUMPTION	**87**	**4730**	**87**	**2058**	**47476**	**456**	**3471**	**6947**	**80561**	**21940**
INDUSTRY	**58**	**1170**	**87**	**-**	**27216**	**1**	**899**	**6947**	**37752**	**17359**
Iron and steel	1	-	-	-	-	-	-	-	4649	-
Chemical and petrochemical	-	1170	-	-	165	-	265	625	12794	14602
Non-ferrous metals	1	-	-	-	-	-	-	104	1938	-
Non-metallic minerals	27	-	87	-	4884	-	-	5470	2862	-
Transport equipment	-	-	-	-	-	-	-	-	2186	-
Machinery	2	-	-	-	37	1	-	-	573	-
Mining and quarrying	-	-	-	-	-	-	-	-	439	-
Food and tobacco	3	-	-	-	2571	-	465	-	5465	1872
Paper, pulp and print	12	-	-	-	12255	-	112	718	2580	856
Wood and wood products	-	-	-	-	6432	-	-	-	377	-
Construction	11	-	-	-	-	-	-	-	806	-
Textile and leather	-	-	-	-	-	-	-	30	1126	29
Non-specified	1	-	-	-	872	-	57	-	1957	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**454**	**-**	**-**	**1593**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	454	-	-	3	-
Rail	-	-	-	-	-	-	-	-	1563	-
Pipeline transport	-	-	-	-	-	-	-	-	27	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**1**	**-**	**-**	**-**	**20260**	**1**	**2572**	**-**	**41216**	**4581**
Residential	-	-	-	-	19080	-	-	-	18942	651
Comm. and public services	-	-	-	-	767	-	1059	-	21501	3877
Agriculture/forestry	1	-	-	-	412	1	1513	-	773	53
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**28**	**3560**	**-**	**2058**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	28	3560	-	2030	-	-	-	-	-	-
of which: chem./petrochem.	*28*	*3560*	-	*1250*	-	-	-	-	-	-
in transport	-	-	-	18	-	-	-	-	-	-
in other	-	-	-	10	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Belgium: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	6	-	-	1280	-	-	9668	24776	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	1786	2265	-	-	257	448	-	-	-	-	706246
Exports	-	-79	-	-	-5	-7	-	-	-	-	-67209
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	19	129	-	-	-12	1	-	-	-	-	4384
DOMESTIC SUPPLY	**1805**	**2321**	**-**	**-**	**1520**	**442**	**-**	**9668**	**24776**	**-**	**643421**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	816	671	4895	1685	30	13409
From other sources	-	-	1077	-	-	-	-	-	-	-
Imports	32081	113	3226	-	-	2574	1296	798	94	11075
Exports	-	-	-3605	-	-	-802	-5113	-912	-50	-11080
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-1463
Intl. aviation bunkers	-	-	-	-	-	-	-	-1362	-	-
Stock changes	-8	7	22	-	-	2	18	-134	-19	-874
DOMESTIC SUPPLY	**32073**	**120**	**720**	**-**	**816**	**2445**	**1096**	**75**	**55**	**11067**
Transfers	-	-76	2535	-	-	-	167	-3	-3	-626

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	5173	2262	335	5743	46226	504	8639	42386	68137	36485
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	4009	3857	170	943	24766	49	-	-	23714	-
Exports	-5265	-708	-165	-1838	-	-207	-	-	-2715	-
Intl. marine bunkers	-4273	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-168	20	36	10	-	-10	-	-	-	-
DOMESTIC SUPPLY	**-524**	**5431**	**376**	**4858**	**70992**	**336**	**8639**	**42386**	**89136**	**36485**
Transfers	650	88	-	-2698	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	31950	4000	24968	8100	2219	-	-	22932	23328	-	6400017
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	3907	2217	1676	19	975	-	-	-	-	-	837699
Exports	-31063	-3301	-9	-92	-61	-	-	-	-	-	-3040885
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-1073	828	-426	-40	47	-	-	-	-	-	-67860
DOMESTIC SUPPLY	**3721**	**3744**	**26209**	**7987**	**3180**	**-**	**-**	**22932**	**23328**	**-**	**4128971**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-387	430	-1001	615	-	-	-	-	-	-	400524
TRANSFORMATION	**3034**	**3099**	**24793**	**6973**	**2124**	**-**	**-**	**328**	**-**	**-**	**752320**
Electricity plants	-	3099	24793	6973	-	-	-	286	-	-	463007
CHP plants	-	-	-	-	-	-	-	-	-	-	148021
Heat plants	-	-	-	-	-	-	-	42	-	-	-
Blast furnaces	-	-	-	-	2124 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	3034	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	141292
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1436772**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	1373932
Oil refineries	-	-	-	-	-	-	-	-	-	-	62840
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	20826
FINAL CONSUMPTION	**300**	**1075**	**415**	**1629**	**1056**	**-**	**-**	**22604**	**23328**	**-**	**2319577**
INDUSTRY	**300**	**1075**	**415**	**256**	**623**	**-**	**-**	**22604**	**23328**	**-**	**720366**
Iron and steel	300	c	-	-	527 e	-	-	22604	23328	-	88877
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	218359
Non-ferrous metals	-	335	-	-	-	-	-	-	-	-	30305
Non-metallic minerals	-	415	415	-	33	-	-	-	-	-	43305
Transport equipment	-	-	-	-	-	-	-	-	-	-	16179
Machinery	-	-	-	-	-	-	-	-	-	-	35789
Mining and quarrying	-	-	-	-	63	-	-	-	-	-	40673
Food and tobacco	-	-	-	-	-	-	-	-	-	-	72828
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	78630
Wood and wood products	-	-	-	-	-	-	-	-	-	-	24641
Construction	-	-	-	-	-	-	-	-	-	-	17576
Textile and leather	-	-	-	-	-	-	-	-	-	-	5377
Non-specified	-	325	-	256	-	-	-	-	-	-	47827
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**159100**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	1732
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	157368
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**36**	**-**	**-**	**-**	**-**	**-**	**-**	**1310207**
Residential	-	-	-	36	-	-	-	-	-	-	735261
Comm. and public services	-	-	-	-	-	-	-	-	-	-	536167
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	38779
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**1337**	**433**	**-**	**-**	**-**	**-**	**-**	**129904**
in industry/transf./energy	-	c	c	1337	433	-	-	-	-	-	129904
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*129904*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	201174	13663	-	-	3447	1295	28654	4168	588	30052
From other sources	2296	-	-	-	-	-	-	-	-	-
Imports	38614	1300	-	5240	-	203	2784	2407	94	1232
Exports	-146012	-2797	-	-	-	-548	-6121	-394	-13	-6756
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-33
Intl. aviation bunkers	-	-	-	-	-	-	-	-689	-	-
Stock changes	-954	-421	-	-	-	-63	-277	-25	3	-247
DOMESTIC SUPPLY	**95118**	**11745**	**-**	**5240**	**3447**	**887**	**25040**	**5467**	**672**	**24248**
Transfers	-7062	-10053	4318	-5240	4843	9044	3761	-89	-239	2411
Statistical differences	-2384	-182	-	-	-1	-1239	3356	-158	56	2601
TRANSFORMATION	**85672**	**1510**	**4318**	**-**	**276**	**-**	**23**	**-**	**-**	**261**
Electricity plants	-	-	-	-	276	-	23	-	-	261
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	85672	1510	4318	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**8013**	**1136**	**2**	**-**	**14**	**1931**
Fuel mining and extraction	..	-	-	-	4843	1078	-	-	13	1882
Oil refineries	-	-	-	-	3170	58	2	-	1	49
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**7556**	**32132**	**5220**	**475**	**27068**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**187**	**724**	**31**	**32**	**2946**
Iron and steel	-	-	-	-	-	-	-	-	-	c
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	c
Non-ferrous metals	-	-	-	-	-	-	-	-	-	c
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	120	-	-	6	807
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	19
Wood and wood products	-	-	-	-	-	-	-	-	c	403
Construction	-	-	-	-	-	67	-	-	8	1276
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	..	724	31	18	441
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**190**	**29795**	**4780**	**-**	**18265**
Domestic aviation	-	-	-	-	-	-	-	4662	-	-
Road	-	-	-	-	-	190	29765	-	-	15390
Rail	-	-	-	-	-	-	-	-	-	2152
Pipeline transport	-	-	-	-	-	-	1	-	-	8
Domestic navigation	-	-	-	-	-	-	-	-	-	638
Non-specified	-	-	-	-	-	-	29	118	-	77
OTHER	**-**	**-**	**-**	**-**	**-**	**1054**	**1613**	**409**	**443**	**5857**
Residential	-	-	-	-	-	266	-	-	50	1548
Comm. and public services	-	-	-	-	-	635	371	409	393	1463
Agriculture/forestry	-	-	-	-	-	153	1242	-	-	2846
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**6125**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	6125	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*6125*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	6175	3308	1576	10094	562104	1663	16977	12753	656225	37679
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	957	5	2309	2287	4512	1346	-	-	12808	-
Exports	-3613	-665	-116	-4230	-34159	-255	-	-	-58421	-
Intl. marine bunkers	-347	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-97	17	13	-219	-	-	-	-	-	-
DOMESTIC SUPPLY	**3075**	**2665**	**3782**	**7932**	**532457**	**2754**	**16977**	**12753**	**610612**	**37679**
Transfers	-280	-60	1687	-2534	-	-	-	-	-	-
Statistical differences	-156	1382	-659	2838	-	-1	-	-	-14174	-
TRANSFORMATION	**566**	**-**	**810**	**-**	**40065**	**-**	**13894**	**7147**	**-**	**-**
Electricity plants	564	-	810	-	40065	-	8714	1527	-	-
CHP plants	2	-	-	-	-	-	1492	1383	-	-
Heat plants	-	-	-	-	-	-	3688	4237	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**204**	**34**	**2471**	**1584**	**-**	**-**	**78**	**-**	**49003**	**-**
Fuel mining and extraction	-	-	1366	-	-	-	-	-	24370	-
Oil refineries	204	34	1105	1584	-	-	-	-	5158	-
Elec., CHP and heat plants	-	-	-	-	-	-	78	-	19265	-
Pumped storage plants	-	-	-	-	-	-	-	-	210	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	58196	-
FINAL CONSUMPTION	**1869**	**3953**	**1529**	**6652**	**492392**	**2753**	**3005**	**5606**	**489239**	**37679**
INDUSTRY	**701**	**-**	**589**	**-**	**343001**	**-**	**2360**	**5606**	**180219**	**36311**
Iron and steel	c	-	-	-	-	-	61	-	8118	57
Chemical and petrochemical	-	-	-	-	-	-	-	-	19598	13518
Non-ferrous metals	-	-	-	-	-	-	-	-	49891	-
Non-metallic minerals	c	-	436	-	-	-	-	5606	6441	-
Transport equipment	-	-	-	-	-	-	-	-	3450	-
Machinery	-	-	-	-	-	-	-	-	2542	-
Mining and quarrying	309	-	-	-	-	-	-	-	15569	-
Food and tobacco	-	-	-	-	-	-	-	-	5644	94
Paper, pulp and print	163	-	-	-	343001	-	2299	-	36661	2781
Wood and wood products	29	-	-	-	-	-	-	-	4681	-
Construction	18	-	-	-	-	-	-	-	-	33
Textile and leather	-	-	-	-	-	-	-	-	997	-
Non-specified	182	-	153	-	-	-	-	-	26627	19828
TRANSPORT	**777**	**-**	**-**	**-**	**-**	**2753**	**-**	**-**	**4925**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	2753	-	-	1239	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	3686	-
Domestic navigation	777	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**391**	**-**	**-**	**-**	**149391**	**-**	**645**	**-**	**304095**	**1368**
Residential	9	-	-	-	149391	-	-	-	161568	-
Comm. and public services	92	-	-	-	-	-	638	-	104305	527
Agriculture/forestry	290	-	-	-	-	-	7	-	9390	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	28832	841
NON-ENERGY USE	**-**	**3953**	**940**	**6652**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	3953	940	3621	-	-	-	-	-	-
of which: chem./petrochem.	-	*3953*	-	-	-	-	-	-	-	-
in transport	-	-	-	21	-	-	-	-	-	-
in other	-	-	-	3010	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	26000	2700	22500	10487	1954	-	-	20192	20202	-	6377592
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	3872	2178	1505	12	923	-	-	-	-	-	758187
Exports	-28049	-2321	-17	-99	-77	-	-	-	-	-	-3051867
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	1453	403	-	-	-46	-	-	-	-	-	-95121
DOMESTIC SUPPLY	**3276**	**2960**	**23988**	**10400**	**2754**	**-**	**-**	**20192**	**20202**	**-**	**3988791**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	207589	13624	-	-	3268	1207	30387	4386	872	30076
From other sources	2296	-	-	-	-	-	-	-	-	-
Imports	40355	1359	-	5476	-	77	3008	2528	172	1589
Exports	-157725	-3039	-	-	-	-374	-7374	-585	-4	-7390
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-35
Intl. aviation bunkers	-	-	-	-	-	-	-	-707	-	-
Stock changes	-249	48	-	-	-	112	250	-4	-8	385
DOMESTIC SUPPLY	**92266**	**11992**	**-**	**5476**	**3268**	**1022**	**26271**	**5618**	**1032**	**24625**
Transfers	-7234	-10833	6318	-5476	4854	9420	4790	-31	-478	2371

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	4763	3545	1350	10755	532125	1628	18098	13764	631566	37679
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	632	41	2494	1984	5011	1206	-	-	8726	-
Exports	-3288	-573	-40	-3335	-31073	-210	-	-	-68425	-
Intl. marine bunkers	-370	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-37	-27	-24	244	-	-	-	-	-	-
DOMESTIC SUPPLY	**1700**	**2986**	**3780**	**9648**	**506063**	**2624**	**18098**	**13764**	**571867**	**37679**
Transfers	-224	-184	1687	-4344	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	4104 e	-	-	459 e	-	-	3990 e	3670 e	-	30881
From other sources	-	-	-	-	-	-	536 e	-	-	-	345 e
Imports	614 e	9364 e	-	-	5 e	-	-	-	-	-	136813
Exports	-	-2041 e	-	-	-153 e	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-422 e	-	-	39 e	-	-	-	-	-	-2149
DOMESTIC SUPPLY	**614**	**11005**	**-**	**-**	**350**	**-**	**536**	**3990**	**3670**	**-**	**165890**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-693 e	-	-	6 e	-	-88 e	1 e	-	-	-4187
TRANSFORMATION	**614**	**9976**	**-**	**-**	**315**	**-**	**-**	**-**	**-**	**-**	**81590**
Electricity plants	-	9976	-	-	-	-	-	-	-	-	81240
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	315 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	333
Coke/pat.fuel/BKB/PB plants	614 e	-	-	-	-	-	-	-	-	-	17 e
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**4**	**3974**	**3377**	**-**	**20615**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	17209
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	4 e	3974 e	3377 e	-	3406 e
Losses	-	-	-	-	-	-	-	17 e	293 e	-	1072 e
FINAL CONSUMPTION	**-**	**336**	**-**	**-**	**41**	**-**	**444**	**-**	**-**	**-**	**58426**
INDUSTRY	**-**	**332**	**-**	**-**	**41**	**-**	**21**	**-**	**-**	**-**	**24171**
Iron and steel	-	35 e	-	-	30 e	-	-	-	-	-	1523
Chemical and petrochemical	-	2 e	-	-	-	-	-	-	-	-	73
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	176
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	3 e	-	-	-	-	-	4735
Food and tobacco	-	102 e	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	9 e	-	-	-	-	-	-	-	-	3312
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	184 e	-	-	8 e	-	21 e	-	-	-	14352 e
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1558**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	1377
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	181
OTHER	**-**	**4**	**-**	**-**	**-**	**-**	**423**	**-**	**-**	**-**	**27351**
Residential	-	-	-	-	-	-	113 e	-	-	-	19867
Comm. and public services	-	-	-	-	-	-	310 e	-	-	-	7484
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	4 e	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5346**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	5346
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*5346*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	317 e	153 e	-	-	211	316	2789	629	143	3176
From other sources	-	-	7 e	-	-	-	-	-	-	-
Imports	9383	-	-	302	-	945	440	402	-	4909
Exports	-	-	-	-	-	-24	-77	-	-	-379
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-615	-	-
Stock changes	23	-	-	14	-	5	-12	-14	-38	-30
DOMESTIC SUPPLY	**9723**	**153**	**7**	**316**	**211**	**1242**	**3140**	**402**	**105**	**7676**
Transfers	-	-153 e	1170	-	-	-77 e	-138	-	-	-326 e
Statistical differences	125	-	-	-	-	164	62	-10	-8	-123
TRANSFORMATION	**9848**	**-**	**1177**	**316**	**-**	**13**	**-**	**-**	**-**	**636**
Electricity plants	-	-	-	-	-	1	-	-	-	636
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	9848	-	1177	316	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	7 e	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	5	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**210**	**14**	**-**	**-**	**-**	**63**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	210	14	-	-	-	54
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	9
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**1**	**1302**	**3064**	**392**	**97**	**6528**
INDUSTRY	**-**	**-**	**-**	**-**	**1**	**298**	**-**	**127**	**23**	**2479**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	1	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	7
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	13	-	98	2	1664
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	5	-	-	1	3
Wood and wood products	-	-	-	-	-	-	-	-	-	6
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	280	-	29	20	799
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**31**	**3064**	**223**	**3**	**3733**
Domestic aviation	-	-	-	-	-	-	-	223	-	2
Road	-	-	-	-	-	31	3058	-	3	3643
Rail	-	-	-	-	-	-	-	-	-	10
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	6	-	-	78
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**856**	**-**	**42**	**71**	**316**
Residential	-	-	-	-	-	733	-	-	70	4
Comm. and public services	-	-	-	-	-	116	-	42	1	153
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	7	-	-	-	159
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**117**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	117	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*117*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	1185	79	298	792	306708	-	2324	-	73719	1936 e
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	66	19	218	-	-	-	-	-	-	-
Exports	-67	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-206	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	13	40	1	9	-	-	-	-	-	-
DOMESTIC SUPPLY	**991**	**138**	**517**	**801**	**306708**	**-**	**2324**	**-**	**73719**	**1936**
Transfers	-	-129	-	-347	-	-	-	-	-	-
Statistical differences	141	-	24	-34	6173	-	86	-	-409	-
TRANSFORMATION	**171**	**-**	**193**	**-**	**144539**	**-**	**2327**	**-**	**-**	**1936**
Electricity plants	171	-	193	-	-	-	-	-	-	1936 e
CHP plants	-	-	-	-	141213	-	2241	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	3326 e	-	86	-	-	-
ENERGY IND. OWN USE	**8**	**9**	**-**	**-**	**-**	**-**	**-**	**-**	**2032**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	9	-	-	-	-	-	-	664	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	1344	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	8	-	-	-	-	-	-	-	24	-
Losses	-	-	-	-	-	-	-	-	4820	-
FINAL CONSUMPTION	**953**	**-**	**348**	**420**	**168342**	**-**	**83**	**-**	**66458**	**-**
INDUSTRY	**518**	**-**	**348**	**-**	**91450**	**-**	**79**	**-**	**42260**	**-**
Iron and steel	-	-	-	-	-	-	-	-	398	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	49	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	3	-	347 e	-	210	-	-	-	447	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	127	-	1	-	-	-	-	-	25434	-
Food and tobacco	-	-	-	-	24	-	-	-	-	-
Paper, pulp and print	233	-	-	-	66300	-	-	-	4856	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	155	-	-	-	24916	-	79	-	11076	-
TRANSPORT	**381**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1036**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	12	-	-	-	-	-	-	-	-	-
Rail	50	-	-	-	-	-	-	-	898	-
Pipeline transport	-	-	-	-	-	-	-	-	138	-
Domestic navigation	319	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**54**	**-**	**-**	**-**	**76891**	**-**	**4**	**-**	**23162**	**-**
Residential	-	-	-	-	73577	-	-	-	11372	-
Comm. and public services	33	-	-	-	3253	-	4 e	-	11400	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	21	-	-	-	62	-	-	-	99	-
Non-specified	-	-	-	-	-	-	-	-	291	-
NON-ENERGY USE	**-**	**-**	**-**	**420**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	420	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	3060	-	-	466	-	-	4000	4000	-	37248
From other sources	-	-	-	-	-	-	500	-	-	-	333
Imports	684	9218	-	-	-	-	-	-	-	-	132755
Exports	-	-1023	-	-	-89	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	2312
DOMESTIC SUPPLY	**684**	**11255**	**-**	**-**	**377**	**-**	**500**	**4000**	**4000**	**-**	**172648**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	301	153	-	-	69	318	3003	578	149	3032
From other sources	-	-	37	-	-	-	-	-	-	-
Imports	8585	-	-	253	-	933	525	430	-	5285
Exports	-	-	-	-	-	-37	-98	-	-	-379
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-590	-	-
Stock changes	-52	-	-	5	-	24	-61	-1	-29	-67
DOMESTIC SUPPLY	**8834**	**153**	**37**	**258**	**69**	**1238**	**3369**	**417**	**120**	**7871**
Transfers	-	-153	1187	-	-	-25	-124	-	-	-100

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	1169	90	298	993	306708	-	2324	-	74097	1936
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	66	120	218	..	-	-	-	-	-	-
Exports	-67	-	-	..	-	-	-	-	-	-
Intl. marine bunkers	-206	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-35	-5	-4	60	-	-	-	-	-	-
DOMESTIC SUPPLY	**927**	**205**	**512**	**1053**	**306708**	**-**	**2324**	**-**	**74097**	**1936**
Transfers	-	-196	-	-589	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	4590	4090	-	38177	2737	-	17246	20560	26469	-	9859
From other sources	-	145	-	-	-	-	-	-	-	-	-
Imports	1781	1427	-	1387	597	148	-	-	-	-	276915
Exports	-2386	-1978	-	-905	-529	-10	-	-	-	-	-45
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-132	-166	-	-329	27	3	-	-	-	-	863
DOMESTIC SUPPLY	**3853**	**3518**	**-**	**38330**	**2832**	**141**	**17246**	**20560**	**26469**	**-**	**287592**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-293	205	-	-177	17	-	-	276	289	-	-
TRANSFORMATION	**3560**	**3230**	**-**	**35118**	**2040**	**-**	**17157**	**6391**	**9904**	**-**	**48204**
Electricity plants	-	935	-	21521	-	-	-	-	-	-	295
CHP plants	-	2285	-	11967	1	-	17157	6391	9904	-	23560
Heat plants	-	10	-	166	1	-	-	-	-	-	24349
Blast furnaces	-	-	-	-	1886	-	-	-	-	-	-
Gas works	-	-	-	1464	65	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	3560	-	-	-	87	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**4**	**-**	**881**	**-**	**-**	**89**	**3045**	**1560**	**-**	**4387**
Fuel mining and extraction	-	-	-	881	-	-	89	-	1543	-	173
Oil refineries	-	-	-	-	-	-	-	-	-	-	4214
Elec., CHP and heat plants	-	4	-	-	-	-	-	-	17	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	3045	-	-	-
Losses	-	55	-	4	-	-	-	350	583	-	5572
FINAL CONSUMPTION	**-**	**434**	**-**	**2150**	**809**	**141**	**-**	**11050**	**14711**	**-**	**229429**
INDUSTRY	**-**	**336**	**-**	**806**	**378**	**-**	**-**	**11050**	**13919**	**-**	**94484**
Iron and steel	-	85	-	15	311	-	-	10940	12632	-	8820
Chemical and petrochemical	-	57	-	514	-	-	-	-	1238	-	13400
Non-ferrous metals	-	-	-	-	4	-	-	-	-	-	1515
Non-metallic minerals	-	175	-	20	46	-	-	70	49	-	22366
Transport equipment	-	-	-	24	-	-	-	-	-	-	6496
Machinery	-	-	-	15	9	-	-	40	-	-	10454
Mining and quarrying	-	-	-	1	-	-	-	-	-	-	2367
Food and tobacco	-	19	-	84	8	-	-	-	-	-	14262
Paper, pulp and print	-	-	-	113	-	-	-	-	-	-	4769
Wood and wood products	-	-	-	4	-	-	-	-	-	-	1147
Construction	-	-	-	2	-	-	-	-	-	-	3333
Textile and leather	-	-	-	8	-	-	-	-	-	-	2370
Non-specified	-	-	-	6	-	-	-	-	-	-	3185
TRANSPORT	**-**	**1**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**2823**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	1146
Rail	-	1	-	1	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	1677
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**96**	**-**	**1343**	**26**	**141**	**-**	**-**	**-**	**-**	**127725**
Residential	-	92	-	1280	20	141	-	-	-	-	76526
Comm. and public services	-	2	-	43	4	-	-	-	-	-	45944
Agriculture/forestry	-	2	-	20	1	-	-	-	-	-	2627
Fishing	-	-	-	-	-	-	-	-	-	-	6
Non-specified	-	-	-	-	1	-	-	-	-	-	2622
NON-ENERGY USE	**-**	**1**	**-**	**-**	**405**	**-**	**-**	**-**	**792**	**-**	**4397**
in industry/transf./energy	-	1	-	-	405	-	-	-	792	-	4397
of which: chem./petrochem.	-	-	-	-	*405*	-	-	-	*792*	-	*4397*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	150	-	-	115	151	208	1454	160	-	3268
From other sources	-	-	86	3	-	-	-	-	-	-
Imports	7371	-	11	12	-	89	444	128	2	1759
Exports	-27	-	-	-	-	-82	-436	-	-	-841
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-283	-	-
Stock changes	-18	-	-3	2	-	-3	28	13	-	-99
DOMESTIC SUPPLY	**7476**	**-**	**94**	**132**	**151**	**212**	**1490**	**18**	**2**	**4087**
Transfers	-	-	140	-	-	59	-	-	-	-
Statistical differences	20	-	-	-	-	-	-22	-	-	-19
TRANSFORMATION	**7496**	**-**	**234**	**132**	**-**	**-**	**-**	**-**	**-**	**1**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	1
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	7496	-	234	132	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**131**	**-**	**-**	**-**	**-**	**16**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	16
Oil refineries	-	-	-	-	131	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**20**	**271**	**1468**	**18**	**2**	**4051**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**20**	**-**	**-**	**-**	**50**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	1	-	-	-	-
Transport equipment	-	-	-	-	-	1	-	-	-	-
Machinery	-	-	-	-	-	3	-	-	-	1
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	2	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	1
Construction	-	-	-	-	-	1	-	-	-	45
Textile and leather	-	-	-	-	-	1	-	-	-	-
Non-specified	-	-	-	-	-	11	-	-	-	3
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**75**	**1468**	**18**	**-**	**3659**
Domestic aviation	-	-	-	-	-	-	-	18	-	-
Road	-	-	-	-	-	75	1468	-	-	3570
Rail	-	-	-	-	-	-	-	-	-	86
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	3
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**12**	**-**	**-**	**2**	**335**
Residential	-	-	-	-	-	4	-	-	-	-
Comm. and public services	-	-	-	-	-	2	-	-	-	6
Agriculture/forestry	-	-	-	-	-	3	-	-	-	321
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	3	-	-	2	8
NON-ENERGY USE	**-**	**-**	**-**	**-**	**20**	**164**	**-**	**-**	**-**	**7**
in industry/transf./energy	-	-	-	-	20	164	-	-	-	7
of which: chem./petrochem.	-	-	-	-	*20*	*164*	-	-	-	*7*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	125	847	-	1609	96339	323	25457	13925	86024	122225
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	13	202	9	614	4916	190	-	-	11842	15
Exports	-106	-	-3	-483	-8214	-119	-	-	-28142	-74
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	13	-1	-	16	-	-7	-	-	-	-
DOMESTIC SUPPLY	**45**	**1048**	**6**	**1756**	**93041**	**387**	**25457**	**13925**	**69724**	**122166**
Transfers	12	-	-	-199	-	-	-	-	-	-
Statistical differences	1	-	-	-	-	-1	-	-	-	-
TRANSFORMATION	**19**	**-**	**-**	**86**	**23756**	**-**	**19693**	**4781**	**16**	**78**
Electricity plants	7	-	-	-	846	-	628	-	-	78
CHP plants	8	-	-	-	21759	-	19065	4429	-	-
Heat plants	4	-	-	-	1151	-	-	352	16	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	86	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**90**	**-**	**-**	**-**	**-**	**9658**	**14251**
Fuel mining and extraction	-	-	-	-	-	-	-	-	1496	3820
Oil refineries	-	-	-	90	-	-	-	-	322	5288
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	6118	-
Pumped storage plants	-	-	-	-	-	-	-	-	1363	-
Other energy ind. own use	-	-	-	-	-	-	-	-	359	5143
Losses	-	-	-	-	-	-	-	-	3847	17221
FINAL CONSUMPTION	**39**	**1048**	**6**	**1381**	**69285**	**386**	**5764**	**9144**	**56203**	**90616**
INDUSTRY	**31**	**-**	**-**	**203**	**18763**	**-**	**190**	**7012**	**23005**	**26205**
Iron and steel	-	-	-	-	17	-	-	-	2452	3384
Chemical and petrochemical	1	-	-	-	26	-	-	110	3684	10117
Non-ferrous metals	-	-	-	-	2	-	-	-	313	72
Non-metallic minerals	5	-	-	5	60	-	-	6886	2188	756
Transport equipment	-	-	-	-	12	-	-	-	2433	1965
Machinery	1	-	-	-	123	-	-	-	4144	3938
Mining and quarrying	-	-	-	-	8	-	-	-	353	25
Food and tobacco	1	-	-	1	119	-	104	-	1479	3580
Paper, pulp and print	1	-	-	-	12331	-	82	-	1717	862
Wood and wood products	3	-	-	-	5748	-	-	-	480	272
Construction	-	-	-	2	115	-	-	-	366	735
Textile and leather	-	-	-	-	3	-	4	8	711	420
Non-specified	19	-	-	195	199	-	-	8	2685	79
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**386**	**-**	**-**	**1581**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	386	-	-	68	-
Rail	-	-	-	-	-	-	-	-	1459	-
Pipeline transport	-	-	-	-	-	-	-	-	54	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**8**	**-**	**-**	**2**	**50522**	**-**	**5574**	**2132**	**31617**	**64411**
Residential	-	-	-	-	49638	-	-	-	14125	45797
Comm. and public services	4	-	-	-	524	-	846	2132	14680	18128
Agriculture/forestry	3	-	-	-	360	-	4728	-	716	485
Fishing	-	-	-	-	-	-	-	-	5	-
Non-specified	1	-	-	2	-	-	-	-	2091	1
NON-ENERGY USE	**-**	**1048**	**6**	**1176**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	1048	6	1046	-	-	-	-	-	-
of which: chem./petrochem.	-	*1048*	-	*440*	-	-	-	-	-	-
in transport	-	-	-	130	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Czech Republic: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	4088	4227	-	38103	2521	-	16534	21588	25532	-	9529
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	1579	1981	-	1016	718	149	-	-	-	-	286770
Exports	-1895	-2337	-	-950	-496	-12	-	-	-	-	-3
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	100	-140	-	-100	-	-	-	-	-	-	5282
DOMESTIC SUPPLY	**3872**	**3731**	**-**	**38069**	**2743**	**137**	**16534**	**21588**	**25532**	**-**	**301578**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	128	-	-	81	156	220	1533	186	-	3168
From other sources	-	-	68	3	-	-	-	-	-	-
Imports	7132	-	3	22	-	99	512	148	2	2165
Exports	-28	-	-	-	-	-140	-563	-	-	-1038
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-302	-	-
Stock changes	-16	-	4	-	-	2	-3	-12	-	1
DOMESTIC SUPPLY	**7216**	**-**	**75**	**106**	**156**	**181**	**1479**	**20**	**2**	**4296**
Transfers	-	-	134	-	-	28	-	-	-	-

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	169	657	90	1323	95000	273	28000	14070	83887	122213
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	2	88	9	744	5000	263	-	-	16146	15
Exports	-132	-90	-2	-419	-8000	-183	-	-	-28661	-80
Intl. marine bunkers	-	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-3	-4	-	..	-	9	-	-	-	-
DOMESTIC SUPPLY	**36**	**651**	**97**	**1648**	**92000**	**362**	**28000**	**14070**	**71372**	**122148**
Transfers	16	-	-	-162	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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Denmark

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	192944
From other sources	-	-	-	-	-	-	753	-	-	-	-
Imports	-	4287	-	-	14	-	-	-	-	-	26024
Exports	-	-52	-	-	-	-	-	-	-	-	-87155
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-207	-	-	-1	-	-	-	-	-	-936
DOMESTIC SUPPLY	**-**	**4028**	**-**	**-**	**13**	**-**	**753**	**-**	**-**	**-**	**130877**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	303	-	-	4	-	-	-	-	-	1621
TRANSFORMATION	**-**	**4137**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**40182**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	4134	-	-	-	-	-	-	-	-	23296
Heat plants	-	3	-	-	-	-	-	-	-	-	16132
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	754
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**25581**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	25581
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	30	-	-	-	132
FINAL CONSUMPTION	**-**	**194**	**-**	**-**	**17**	**-**	**723**	**-**	**-**	**-**	**66603**
INDUSTRY	**-**	**152**	**-**	**-**	**17**	**-**	**232**	**-**	**-**	**-**	**31576**
Iron and steel	-	-	-	-	-	-	-	-	-	-	1672
Chemical and petrochemical	-	33	-	-	-	-	230	-	-	-	5161
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	62	-	-	13	-	-	-	-	-	5234
Transport equipment	-	-	-	-	-	-	-	-	-	-	263
Machinery	-	-	-	-	-	-	-	-	-	-	2851
Mining and quarrying	-	5	-	-	-	-	-	-	-	-	731
Food and tobacco	-	52	-	-	4	-	2	-	-	-	12003
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	1842
Wood and wood products	-	-	-	-	-	-	-	-	-	-	132
Construction	-	-	-	-	-	-	-	-	-	-	515
Textile and leather	-	-	-	-	-	-	-	-	-	-	316
Non-specified	-	-	-	-	-	-	-	-	-	-	856
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**42**	**-**	**-**	**-**	**-**	**491**	**-**	**-**	**-**	**35027**
Residential	-	-	-	-	-	-	452	-	-	-	26050
Comm. and public services	-	-	-	-	-	-	39	-	-	-	7015
Agriculture/forestry	-	42	-	-	-	-	-	-	-	-	1574
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	388
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	8131	-	-	-	299	118	1854	137	-	3035
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	3458	-	516	-	-	18	715	749	-	2762
Exports	-4799	-	-813	-	-	-98	-1215	-64	-	-1673
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-299
Intl. aviation bunkers	-	-	-	-	-	-	-	-868	-	-
Stock changes	127	-	7	-	-	4	6	100	-	-273
DOMESTIC SUPPLY	**6917**	**-**	**-290**	**-**	**299**	**42**	**1360**	**54**	**-**	**3552**
Transfers	-	-	-	-	-	-	-	-	-	-1
Statistical differences	-7	-	290	-	-	-1	-75	-	-	-391
TRANSFORMATION	**6910**	**-**	**-**	**-**	**32**	**1**	**-**	**-**	**-**	**42**
Electricity plants	-	-	-	-	-	-	-	-	-	7
CHP plants	-	-	-	-	32	1	-	-	-	3
Heat plants	-	-	-	-	-	-	-	-	-	32
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	6910	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**267**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	267	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**40**	**1285**	**54**	**-**	**3118**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**21**	**-**	**-**	**-**	**158**
Iron and steel	-	-	-	-	-	1	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	1
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	4	-	-	-	17
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	7	-	-	-	15
Mining and quarrying	-	-	-	-	-	1	-	-	-	8
Food and tobacco	-	-	-	-	-	4	-	-	-	6
Paper, pulp and print	-	-	-	-	-	1	-	-	-	1
Wood and wood products	-	-	-	-	-	-	-	-	-	1
Construction	-	-	-	-	-	2	-	-	-	108
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	1	-	-	-	1
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**1264**	**54**	**-**	**2313**
Domestic aviation	-	-	-	-	-	-	-	32	-	-
Road	-	-	-	-	-	-	1264	-	-	2093
Rail	-	-	-	-	-	-	-	-	-	80
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	120
Non-specified	-	-	-	-	-	-	-	22	-	20
OTHER	**-**	**-**	**-**	**-**	**-**	**19**	**21**	**-**	**-**	**647**
Residential	-	-	-	-	-	12	20	-	-	192
Comm. and public services	-	-	-	-	-	4	-	-	-	47
Agriculture/forestry	-	-	-	-	-	3	1	-	-	310
Fishing	-	-	-	-	-	-	-	-	-	98
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	1242	-	-	-	54615	19	5143	37898	32183	122136
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	3317	-	290	271	43785	309	-	-	12702	141
Exports	-3860	-	-4	-4	-	-40	-	-	-9847	-
Intl. marine bunkers	-449	-	-	-2	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-203	-	-77	-5	-	5	-	-	-	-
DOMESTIC SUPPLY	**47**	**-**	**209**	**260**	**98400**	**293**	**5143**	**37898**	**35038**	**122277**
Transfers	1	-	-	-	-	-	-	-	-	-
Statistical differences	77	-	-	4	3	-14	-5	820	-	-559
TRANSFORMATION	**41**	**-**	**-**	**-**	**58274**	**21**	**4540**	**36478**	**126**	**-**
Electricity plants	-	-	-	-	-	-	21	-	-	-
CHP plants	37	-	-	-	41155	-	4202	33473	-	-
Heat plants	4	-	-	-	17119	21	317	3005	126	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**10**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2313**	**1835**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	10	-	-	-	-	-	-	-	295	578
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	1369	1257
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	649	-
Losses	-	-	-	-	-	-	-	-	1974	24092
FINAL CONSUMPTION	**74**	**-**	**209**	**264**	**40129**	**258**	**598**	**2240**	**30625**	**95791**
INDUSTRY	**50**	**-**	**209**	**-**	**3769**	**-**	**243**	**1493**	**8174**	**3313**
Iron and steel	-	-	-	-	-	-	-	-	385	163
Chemical and petrochemical	4	-	-	-	34	-	-	-	1364	578
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	4	-	209	-	64	-	-	1437	726	308
Transport equipment	-	-	-	-	19	-	-	-	93	39
Machinery	2	-	-	-	272	-	-	9	1433	607
Mining and quarrying	1	-	-	-	773	-	-	-	94	40
Food and tobacco	38	-	-	-	6	-	243	34	2249	953
Paper, pulp and print	-	-	-	-	169	-	-	2	316	134
Wood and wood products	1	-	-	-	1508	-	-	9	226	96
Construction	-	-	-	-	2	-	-	-	357	-
Textile and leather	-	-	-	-	12	-	-	-	115	49
Non-specified	-	-	-	-	910	-	-	2	816	346
TRANSPORT	**13**	**-**	**-**	**-**	**-**	**258**	**-**	**-**	**385**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	258	-	-	-	-
Rail	-	-	-	-	-	-	-	-	385	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	13	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**11**	**-**	**-**	**-**	**36360**	**-**	**355**	**747**	**22066**	**92478**
Residential	4	-	-	-	33101	-	-	-	10104	62051
Comm. and public services	4	-	-	-	1127	-	248	747	10178	28842
Agriculture/forestry	3	-	-	-	2132	-	107	-	1784	1585
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**264**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	223	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	*1*	-	-	-	-	-	-
in transport	-	-	-	32	-	-	-	-	-	-
in other	-	-	-	9	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Denmark: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	191742
From other sources	-	-	-	-	-	-	687	-	-	-	-
Imports	-	2757	-	-	15	-	-	-	-	-	27493
Exports	-	-92	-	-	-	-	-	-	-	-	-91499
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	275	-	-	2	-	-	-	-	-	3912
DOMESTIC SUPPLY	**-**	**2940**	**-**	**-**	**17**	**-**	**687**	**-**	**-**	**-**	**131648**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	7690	-	-	-	319	116	1960	143	-	3307
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	4164	-	113	-	-	25	742	904	-	3764
Exports	-4523	-	-328	-	-	-95	-1336	-66	-	-2553
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-450
Intl. aviation bunkers	-	-	-	-	-	-	-	-843	-	-
Stock changes	-75	-	40	-	-	-2	-24	-84	-	-390
DOMESTIC SUPPLY	**7256**	**-**	**-175**	**-**	**319**	**44**	**1342**	**54**	**-**	**3678**
Transfers	-	-	-	-	-	-	c	-	-	-

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	1329	-	-	..	55325	14	5400	39035	28730	126475
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	3873	-	177	200	44354	267	-	-	15645	150
Exports	-4552	-	-3	..	-	-38	-	-	-9733	-
Intl. marine bunkers	-334	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-285	-	35	3	-	4	-	-	-	-
DOMESTIC SUPPLY	**31**	**-**	**209**	**203**	**99679**	**247**	**5400**	**39035**	**34642**	**126625**
Transfers	-	-	-	..	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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Estonia

2014

SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat [2] (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	25	-	7201	-	-	21256	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	82	-	-	-	-	-	-	-	-	20262
Exports	-	-	-	-	-26	-	-	-	-	-50	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-4	-	-	1	-	-	-	-	-403	-
DOMESTIC SUPPLY	**-**	**78**	**-**	**-**	**-**	**-**	**7201**	**-**	**-**	**20803**	**20262**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**3**	**-**	**-**	**-**	**-**	**6148**	**-**	**-**	**20512**	**9561**
Electricity plants	-	1	-	-	-	-	3200	-	-	14577	-
CHP plants	-	1	-	-	-	-	2028	-	-	718	564
Heat plants	-	1	-	-	-	-	920	-	-	55	8997
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	1043	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	145	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	3974	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**1**	**-**	**-**	**-**	**-**	**1053**	**-**	**-**	**18**	**288**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	18	288
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	1	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	1053	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**74**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**273**	**10413**
INDUSTRY	**-**	**65**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**164**	**4549**
Iron and steel	-	-	-	-	-	-	-	-	-	-	2
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	186
Non-ferrous metals	-	1	-	-	-	-	-	-	-	-	63
Non-metallic minerals	-	64	-	-	-	-	-	-	-	164	779
Transport equipment	-	-	-	-	-	-	-	-	-	-	86
Machinery	-	-	-	-	-	-	-	-	-	-	291
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	230
Food and tobacco	-	-	-	-	-	-	-	-	-	-	1028
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	982
Wood and wood products	-	-	-	-	-	-	-	-	-	-	377
Construction	-	-	-	-	-	-	-	-	-	-	248
Textile and leather	-	-	-	-	-	-	-	-	-	-	105
Non-specified	-	-	-	-	-	-	-	-	-	-	172
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**9**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**12**	**5864**
Residential	-	7	-	-	-	-	-	-	-	10	2429
Comm. and public services	-	2	-	-	-	-	-	-	-	2	3182
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	253
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**97**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	97	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Includes the quantities of oil shale.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [3]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [4]	Aviation fuels [5]	Other kerosene	Gas / Diesel [4]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	697	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	16	425	53	-	691
Exports	-603	-	-	-	-	-6	-194	-13	-	-9
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-50
Intl. aviation bunkers	-	-	-	-	-	-	-	-40	-	-
Stock changes	-	-	-	-	-	-1	2	-	-	9
DOMESTIC SUPPLY	**94**	**-**	**-**	**-**	**-**	**9**	**233**	**-**	**-**	**641**
Transfers	-94	-	-	-	-	-	-	-	-	28
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**15**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	15
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**9**	**233**	**-**	**-**	**654**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**3**	**1**	**-**	**-**	**46**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	2	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	1
Transport equipment	-	-	-	-	-	-	-	-	-	1
Machinery	-	-	-	-	-	1	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	5
Food and tobacco	-	-	-	-	-	-	-	-	-	5
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	3
Construction	-	-	-	-	-	-	1	-	-	30
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	1
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**230**	**-**	**-**	**481**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	230	-	-	452
Rail	-	-	-	-	-	-	-	-	-	20
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	9
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**6**	**2**	**-**	**-**	**127**
Residential	-	-	-	-	-	4	-	-	-	4
Comm. and public services	-	-	-	-	-	1	1	-	-	26
Agriculture/forestry	-	-	-	-	-	1	1	-	-	97
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

3. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
4. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
5. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [6] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	46980	-	403	2851	12446	21812
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	602	-	-	107	1265	9	-	-	3730	-
Exports	-317	-	-	-13	-14790	-	-	-	-6484	-
Intl. marine bunkers	-281	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-27	-	-	-	-410	-	-	7	-	-
DOMESTIC SUPPLY	**-23**	**-**	**-**	**94**	**33045**	**9**	**403**	**2858**	**9692**	**21812**
Transfers	66	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**25**	**-**	**-**	**-**	**13210**	**-**	**191**	**1455**	**-**	**-**
Electricity plants	11	-	-	-	313	-	-	-	-	-
CHP plants	1	-	-	-	9627	-	191	1455	-	-
Heat plants	13	-	-	-	3270	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**3**	**-**	**-**	**-**	**56**	**-**	**12**	**696**	**1944**	**200**
Fuel mining and extraction	3	-	-	-	-	-	-	-	219	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	56	-	12	696	1433	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	292	200
Losses	-	-	-	-	-	-	-	-	842	3234
FINAL CONSUMPTION	**15**	**-**	**-**	**94**	**19779**	**9**	**200**	**707**	**6906**	**18378**
INDUSTRY	**12**	**-**	**-**	**-**	**3673**	**-**	**62**	**707**	**2117**	**1332**
Iron and steel	-	-	-	-	-	-	-	-	1	-
Chemical and petrochemical	-	-	-	-	2	-	-	-	151	477
Non-ferrous metals	-	-	-	-	-	-	-	-	5	-
Non-metallic minerals	-	-	-	-	2	-	-	707	209	53
Transport equipment	-	-	-	-	12	-	-	-	61	80
Machinery	-	-	-	-	32	-	-	-	248	328
Mining and quarrying	-	-	-	-	-	-	-	-	18	2
Food and tobacco	6	-	-	-	27	-	-	-	318	114
Paper, pulp and print	-	-	-	-	192	-	62	-	367	25
Wood and wood products	2	-	-	-	3191	-	-	-	365	46
Construction	3	-	-	-	6	-	-	-	78	82
Textile and leather	1	-	-	-	9	-	-	-	115	63
Non-specified	-	-	-	-	200	-	-	-	181	62
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**9**	**-**	**-**	**50**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	9	-	-	18	-
Rail	-	-	-	-	-	-	-	-	7	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	25	-
OTHER	**3**	**-**	**-**	**-**	**16106**	**-**	**138**	**-**	**4739**	**17046**
Residential	-	-	-	-	15553	-	-	-	1739	12492
Comm. and public services	2	-	-	-	372	-	72	-	2795	4504
Agriculture/forestry	1	-	-	-	181	-	66	-	195	50
Fishing	-	-	-	-	-	-	-	-	10	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**94**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	93	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	1	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

6. Includes both primary and secondary solid biofuels.

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Estonia: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat [2] (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	8	-	5929	-	-	19705	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	7	-	-	-	-	-	-	-	-	18164
Exports	-	-	-	-	-8	-	-	-	-	-7	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	22	-	-	-	-	-	-	-	-1691	-
DOMESTIC SUPPLY	**-**	**29**	**-**	**-**	**-**	**-**	**5929**	**-**	**-**	**18007**	**18164**

SUPPLY	Oil (kt)									
	Crude oil [3]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [4]	Aviation fuels [5]	Other kerosene	Gas / Diesel [4]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	809	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	19	407	52	-	701
Exports	-749	-	-	-	-	-9	-154	-13	-	-10
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-92
Intl. aviation bunkers	-	-	-	-	-	-	-	-39	-	-
Stock changes	-	-	-	-	-	1	-25	-	-	9
DOMESTIC SUPPLY	**60**	**-**	**-**	**-**	**-**	**11**	**228**	**-**	**-**	**608**
Transfers	-60	-	-	-	-	-	-	-	-	33

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [6] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	-	-	-	..	52623	-	482	2819	10417	21205
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	371	-	-	107	511	9	-	-	5452	-
Exports	-146	-	-	-13	-16206	-	-	-	-6377	-
Intl. marine bunkers	-205	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-4	-	-	..	-408	-	-	-	-	-
DOMESTIC SUPPLY	**16**	**-**	**-**	**94**	**36520**	**9**	**482**	**2819**	**9492**	**21205**
Transfers	27	-	-	..	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Includes the quantities of oil shale.
3. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
4. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
5. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
6. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	925	-	-	8781	14365	6722	-
From other sources	-	-	-	-	-	-	-	-	-	-	135
Imports	1316	4123	-	-	398	-	-	-	-	49	116925
Exports	-	-	-	-	-73	-	-	-	-	-2	-11
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-36	-845	-	-	-16	-	-	-	-	-787	-
DOMESTIC SUPPLY	**1280**	**3278**	**-**	**-**	**1234**	**-**	**-**	**8781**	**14365**	**5982**	**117049**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-41	245	-	-	-	-	-	-	-	-46	112
TRANSFORMATION	**1239**	**3410**	**-**	**-**	**1058**	**-**	**-**	**1177**	**7379**	**4968**	**72326**
Electricity plants	-	1383	-	-	-	-	-	601	4823	840	734
CHP plants	-	1845	-	-	4	-	-	103	1479	3561	46015
Heat plants	-	179	-	-	-	-	-	473	1077	560	15545
Blast furnaces	-	-	-	-	847 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	1239	-	-	-	-	-	-	-	-	7	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	3	-	-	207	-	-	-	-	-	10032
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3030**	**3581**	**-**	**12620**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	12620
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	3030	3581	-	-
Losses	-	-	-	-	-	-	-	1167	1275	-	-
FINAL CONSUMPTION	**-**	**113**	**-**	**-**	**176**	**-**	**-**	**3407**	**2130**	**968**	**32215**
INDUSTRY	**-**	**108**	**-**	**-**	**176**	**-**	**-**	**3407**	**2130**	**796**	**27975**
Iron and steel	-	-	-	-	155 e	-	-	2616	2095	-	2424
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	743
Non-ferrous metals	-	-	-	-	8	-	-	-	-	-	59
Non-metallic minerals	-	69	-	-	12	-	-	791	35	-	1125
Transport equipment	-	-	-	-	-	-	-	-	-	-	6
Machinery	-	-	-	-	-	-	-	-	-	-	389
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	25	-	-	1	-	-	-	-	40	833
Paper, pulp and print	-	14	-	-	-	-	-	-	-	729	21326
Wood and wood products	-	-	-	-	-	-	-	-	-	26	11
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	357
Non-specified	-	-	-	-	-	-	-	-	-	1	702
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**449**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	170
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	279
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**172**	**2749**
Residential	-	1	-	-	-	-	-	-	-	16	1333
Comm. and public services	-	-	-	-	-	-	-	-	-	10	1361
Agriculture/forestry	-	4	-	-	-	-	-	-	-	146	55
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1042**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	1042
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*1042*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	65	373	293	4323	542	-	5983
From other sources	179	-	169	-	-	-	-	-	-	-
Imports	11267	641	-	-	-	316	493	243	254	2159
Exports	-	-	-	-	-	-15	-3123	-15	-81	-3638
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-33
Intl. aviation bunkers	-	-	-	-	-	-	-	-606	-	-
Stock changes	82	-	7	-	-	-35	72	8	-	49
DOMESTIC SUPPLY	**11528**	**641**	**176**	**65**	**373**	**559**	**1765**	**172**	**173**	**4520**
Transfers	-	-	1783	-291	275	-15	-	-	-150	-885
Statistical differences	-129	11	-176	719	24	-51	-358	-76	-23	-77
TRANSFORMATION	**11399**	**652**	**1783**	**493**	**70**	**60**	**-**	**-**	**-**	**23**
Electricity plants	-	-	-	-	-	-	-	-	-	6
CHP plants	-	-	-	-	6	-	-	-	-	3
Heat plants	-	-	-	-	-	-	-	-	-	14
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	11399	652	1783	493	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	64	60	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**358**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	358	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	33	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**211**	**433**	**1407**	**96**	**-**	**3535**
INDUSTRY	**-**	**-**	**-**	**-**	**161**	**260**	**2**	**-**	**-**	**503**
Iron and steel	-	-	-	-	-	86	-	-	-	3
Chemical and petrochemical	-	-	-	-	161	26	-	-	-	4
Non-ferrous metals	-	-	-	-	-	10	-	-	-	6
Non-metallic minerals	-	-	-	-	-	13	-	-	-	13
Transport equipment	-	-	-	-	-	2	-	-	-	6
Machinery	-	-	-	-	-	10	-	-	-	21
Mining and quarrying	-	-	-	-	-	6	-	-	-	45
Food and tobacco	-	-	-	-	-	8	-	-	-	19
Paper, pulp and print	-	-	-	-	-	40	-	-	-	3
Wood and wood products	-	-	-	-	-	3	-	-	-	7
Construction	-	-	-	-	-	-	2	-	-	355
Textile and leather	-	-	-	-	-	1	-	-	-	4
Non-specified	-	-	-	-	-	55	-	-	-	17
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**1328**	**61**	**-**	**2046**
Domestic aviation	-	-	-	-	-	-	-	61	-	-
Road	-	-	-	-	-	-	1296	-	-	1952
Rail	-	-	-	-	-	-	-	-	-	27
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	32	-	-	67
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**8**	**77**	**35**	**-**	**986**
Residential	-	-	-	-	-	4	-	-	-	345
Comm. and public services	-	-	-	-	-	-	-	-	-	204
Agriculture/forestry	-	-	-	-	-	4	7	-	-	329
Fishing	-	-	-	-	-	-	-	-	-	35
Non-specified	-	-	-	-	-	-	70	35	-	73
NON-ENERGY USE	**-**	**-**	**-**	**-**	**50**	**165**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	50	165	-	-	-	-
of which: chem./petrochem.	-	-	-	-	*50*	*165*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	1224	294	139	970	337726	394	4173	20168	68093	181799
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1255	176	99	749	2472	388	-	-	21622	-
Exports	-844	-55	-	-731	-1649	-289	-	-	-3655	-
Intl. marine bunkers	-65	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-21	5	-	-15	-	-	-	-	-	-
DOMESTIC SUPPLY	**1549**	**420**	**238**	**973**	**338549**	**493**	**4173**	**20168**	**86060**	**181799**
Transfers	-532	-201	-	35	-	-	-	-	-	-
Statistical differences	-429	120	-53	-390	-	66	12	-	-	-180
TRANSFORMATION	**235**	**45**	**-**	**5**	**136513**	**-**	**3317**	**15869**	**243**	**2045**
Electricity plants	20	-	-	-	11163	-	1863	1255	-	2045
CHP plants	47	-	-	2	96742	-	937	13296	-	-
Heat plants	115	-	-	3	28608	-	395	1318	243	-
Blast furnaces	53 e	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	45	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	122	-	-	-
ENERGY IND. OWN USE	**32**	**-**	**139**	**12**	**-**	**33**	**-**	**-**	**3908**	**417**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	32	-	139	12	-	33	-	-	1271	417
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	2637	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	2772	14844
FINAL CONSUMPTION	**321**	**294**	**46**	**601**	**202036**	**526**	**868**	**4299**	**79137**	**164313**
INDUSTRY	**196**	**4**	**46**	**35**	**139651**	**-**	**217**	**4299**	**38170**	**52220**
Iron and steel	18 e	-	-	-	1	-	-	-	3988	3704
Chemical and petrochemical	36	-	-	16	239	-	60	475	4721	10299
Non-ferrous metals	8	-	-	-	-	-	-	-	1941	1991
Non-metallic minerals	9	-	46	19	107	-	86	1403	747	434
Transport equipment	1	-	-	-	-	-	-	-	280	952
Machinery	4	-	-	-	23	-	-	-	2148	3716
Mining and quarrying	5	-	-	-	31	-	6	-	1371	114
Food and tobacco	21	-	-	-	279	-	17	-	1610	6344
Paper, pulp and print	90	-	-	-	130283	-	8	2176	18547	16877
Wood and wood products	3	-	-	-	8473	-	-	16	1467	7501
Construction	-	-	-	-	-	-	-	-	433	-
Textile and leather	1	-	-	-	-	-	-	-	205	288
Non-specified	-	4	-	-	215	-	40	229	712	-
TRANSPORT	**28**	**-**	**-**	**-**	**-**	**519**	**7**	**-**	**722**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	516	7	-	1	-
Rail	-	-	-	-	-	-	-	-	721	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	28	-	-	-	-	3	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**55**	**-**	**-**	**-**	**62385**	**7**	**644**	**-**	**40245**	**112093**
Residential	8	-	-	-	53001	-	-	-	21362	65484
Comm. and public services	37	-	-	-	3031	-	618	-	17458	42274
Agriculture/forestry	10	-	-	-	6353	1	26	-	1425	524
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	6	-	-	-	3811
NON-ENERGY USE	**42**	**290**	**-**	**566**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	42	290	-	566	-	-	-	-	-	-
of which: chem./petrochem.	*42*	*290*	-	*162*	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	890	-	-	8848	15673	3604	-
From other sources	-	-	-	-	-	-	-	-	-	-	303
Imports	1317	2226	-	-	446	-	-	-	-	62	103400
Exports	-	-	-	-	-79	-	-	-	-	-2	-11
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-93	398	-	-	-95	-	-	-	-	1660	-
DOMESTIC SUPPLY	**1224**	**2624**	**-**	**-**	**1162**	**-**	**-**	**8848**	**15673**	**5324**	**103692**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	65	373	246	3558	542	-	5379
From other sources	92	-	169	-	-	-	-	-	-	-
Imports	10432	816	-	-	-	284	499	319	113	1796
Exports	-	-	-	-	-	-	-2477	-4	-89	-2908
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-33
Intl. aviation bunkers	-	-	-	-	-	-	-	-667	-	-
Stock changes	-505	-	-131	-	-	15	-8	1	-	-156
DOMESTIC SUPPLY	**10019**	**816**	**38**	**65**	**373**	**545**	**1572**	**191**	**24**	**4078**
Transfers	-	-	1766	-291	275	-222	-	-	-	-643

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	1485	217	139	766	332000	454	4370	19900	68596	173710
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	1103	243	111	790	2400	323	-	-	21459	-
Exports	-782	-46	-	-549	-1600	-290	-	-	-5122	-
Intl. marine bunkers	-65	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-206	1	-	3	-	60	-	-	-	-
DOMESTIC SUPPLY	**1535**	**415**	**250**	**1010**	**332800**	**547**	**4370**	**19900**	**84933**	**173710**
Transfers	-700	-201	-	35	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	3385	-	-	24456	55270	-	583
From other sources	-	300	-	-	-	-	-	-	-	-	119
Imports	4932	7921	-	177	808	86	-	-	-	-	1867235
Exports	-	-	-	-	-54	-	-	-	-	-	-295551
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	58	-	-	-132	-	-	-	-	-	-55968
DOMESTIC SUPPLY	**4932**	**8279**	**-**	**177**	**4007**	**86**	**-**	**24456**	**55270**	**-**	**1516418**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-434	147	-	-	-8	-49	-	1000	-1481	-	-
TRANSFORMATION	**4498**	**6159**	**-**	**-**	**2798**	**-**	**-**	**6291**	**23211**	**-**	**140542**
Electricity plants	-	3365	-	-	-	-	-	6251	23084	-	34117
CHP plants	-	129	-	-	-	-	-	40	127	-	80810
Heat plants	-	365	-	-	-	-	-	-	-	-	25615
Blast furnaces	-	2300 e	-	-	2798 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	4498	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3825**	**10414**	**-**	**44809**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	998
Oil refineries	-	-	-	-	-	-	-	-	-	-	43610
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	3825	10414	-	201
Losses	-	-	-	-	-	-	-	-	-	-	17539
FINAL CONSUMPTION	**-**	**2267**	**-**	**177**	**1201**	**37**	**-**	**15340**	**20164**	**-**	**1313528**
INDUSTRY	**-**	**1899**	**-**	**177**	**1053**	**-**	**-**	**15340**	**20164**	**-**	**464217**
Iron and steel	-	588 e	-	-	886 e	-	-	15340	20164	-	34206
Chemical and petrochemical	-	694	-	-	65	-	-	-	-	-	92794
Non-ferrous metals	-	7	-	-	-	-	-	-	-	-	15528
Non-metallic minerals	-	356	-	-	45	-	-	-	-	-	88248
Transport equipment	-	-	-	-	12	-	-	-	-	-	20633
Machinery	-	2	-	-	28	-	-	-	-	-	29866
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	1191
Food and tobacco	-	228	-	-	17	-	-	-	-	-	99711
Paper, pulp and print	-	24	-	-	-	-	-	-	-	-	47595
Wood and wood products	-	-	-	-	-	-	-	-	-	-	2870
Construction	-	-	-	-	-	-	-	-	-	-	11807
Textile and leather	-	-	-	-	-	-	-	-	-	-	6104
Non-specified	-	-	-	177	-	-	-	-	-	-	13664
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4300**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	4236
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	64
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**368**	**-**	**-**	**-**	**37**	**-**	**-**	**-**	**-**	**802370**
Residential	-	196	-	-	-	37	-	-	-	-	501472
Comm. and public services	-	172	-	-	-	-	-	-	-	-	284312
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	7920
Fishing	-	-	-	-	-	-	-	-	-	-	33
Non-specified	-	-	-	-	-	-	-	-	-	-	8633
NON-ENERGY USE	**-**	**-**	**-**	**-**	**148**	**-**	**-**	**-**	**-**	**-**	**42641**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	42641
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*42641*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	148	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	766	-	-	282	1319	1485	10992	3712	-	24527
From other sources	-	-	1236	-	-	-	-	-	-	-
Imports	53583	407	194	89	-	3479	284	4032	376	22482
Exports	-20	-	-	-119	-	-1061	-3813	-1155	-66	-1805
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-84
Intl. aviation bunkers	-	-	-	-	-	-	-	-5483	-	-
Stock changes	318	9	67	-1	-	3	-57	-47	-	-248
DOMESTIC SUPPLY	**54647**	**416**	**1497**	**251**	**1319**	**3906**	**7406**	**1059**	**310**	**44872**
Transfers	-	-407	2018	-251	-	-	251	-69	-	7
Statistical differences	-81	-	21	-	-	437	-1297	232	-175	-1361
TRANSFORMATION	**54566**	**9**	**3536**	**-**	**183**	**250**	**-**	**-**	**-**	**170**
Electricity plants	-	-	-	-	68	-	-	-	-	32
CHP plants	-	-	-	-	115	-	-	-	-	1
Heat plants	-	-	-	-	-	-	-	-	-	5
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	54566	9	3536	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	250	-	-	-	132
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**1106**	**13**	**-**	**-**	**-**	**8**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	1106	13	-	-	-	8
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**30**	**4080**	**6360**	**1222**	**135**	**43340**
INDUSTRY	**-**	**-**	**-**	**-**	**30**	**339**	**-**	**-**	**-**	**828**
Iron and steel	-	-	-	-	-	7	-	-	-	10
Chemical and petrochemical	-	-	-	-	30	105	-	-	-	19
Non-ferrous metals	-	-	-	-	-	5	-	-	-	5
Non-metallic minerals	-	-	-	-	-	14	-	-	-	34
Transport equipment	-	-	-	-	-	14	-	-	-	8
Machinery	-	-	-	-	-	52	-	-	-	31
Mining and quarrying	-	-	-	-	-	4	-	-	-	72
Food and tobacco	-	-	-	-	-	94	-	-	-	31
Paper, pulp and print	-	-	-	-	-	9	-	-	-	8
Wood and wood products	-	-	-	-	-	5	-	-	-	14
Construction	-	-	-	-	-	-	-	-	-	575
Textile and leather	-	-	-	-	-	12	-	-	-	5
Non-specified	-	-	-	-	-	18	-	-	-	16
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**91**	**6332**	**778**	**-**	**31313**
Domestic aviation	-	-	-	-	-	-	-	778	-	-
Road	-	-	-	-	-	91	6051	-	-	31050
Rail	-	-	-	-	-	-	-	-	-	141
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	281	-	-	122
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**1377**	**28**	**444**	**135**	**10253**
Residential	-	-	-	-	-	812	-	-	135	5080
Comm. and public services	-	-	-	-	-	218	9	-	-	2005
Agriculture/forestry	-	-	-	-	-	343	15	-	-	2685
Fishing	-	-	-	-	-	-	-	-	-	274
Non-specified	-	-	-	-	-	4	4	444	-	209
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**2273**	**-**	**-**	**-**	**946**
in industry/transf./energy	-	-	-	-	-	2273	-	-	-	946
of which: chem./petrochem.	-	-	-	-	-	*2273*	-	-	-	*946*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	6481	4694	526	3885	379904	3130	18442	100862	562776	122029
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	5023	2206	909	2302	-	662	-	-	7873	-
Exports	-5845	-2434	-48	-2548	-	-299	-	-	-75063	-
Intl. marine bunkers	-1785	-	-	-17	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-29	9	-35	27	-	-55	-	-	-	-
DOMESTIC SUPPLY	**3845**	**4475**	**1352**	**3649**	**379904**	**3438**	**18442**	**100862**	**495586**	**122029**
Transfers	-1994	-	-	526	-	-	-	-	-	-
Statistical differences	-807	953	-	829	-	41	-	-	2738	-12280
TRANSFORMATION	**313**	**663**	**-**	**372**	**57344**	**-**	**14230**	**90661**	**19**	**10231**
Electricity plants	231	-	-	98	1580	-	7105	41868	-	-
CHP plants	22	-	-	83	43290	-	6891	39451	-	-
Heat plants	60	-	-	-	12474	-	127	9342	19	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	663	-	191	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	107	-	-	10231
ENERGY IND. OWN USE	**143**	**-**	**526**	**-**	**248**	**-**	**-**	**2062**	**47596**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	399	-
Oil refineries	143	-	526	-	-	-	-	-	3619	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	23360	-
Pumped storage plants	-	-	-	-	-	-	-	-	7957	-
Other energy ind. own use	-	-	-	-	248	-	-	2062	12261	-
Losses	-	-	-	-	-	-	-	-	35384	6689
FINAL CONSUMPTION	**588**	**4765**	**826**	**4632**	**322312**	**3479**	**4212**	**8139**	**415325**	**92829**
INDUSTRY	**478**	**-**	**718**	**9**	**52486**	**-**	**1786**	**19**	**111382**	**-**
Iron and steel	2	-	9	9	1183	-	-	-	18354	-
Chemical and petrochemical	204	-	-	-	4782	-	632	-	20406	-
Non-ferrous metals	5	-	-	-	-	-	-	-	7719	-
Non-metallic minerals	123	-	700	-	6650	-	-	-	8814	-
Transport equipment	2	-	-	-	295	-	-	-	4761	-
Machinery	3	-	-	-	124	-	-	-	9104	-
Mining and quarrying	4	-	-	-	341	-	-	-	624	-
Food and tobacco	83	-	-	-	3468	-	748	-	20775	-
Paper, pulp and print	40	-	-	-	23653	-	406	19	8311	-
Wood and wood products	1	-	-	-	10987	-	-	-	5061	-
Construction	-	-	-	-	-	-	-	-	2135	-
Textile and leather	3	-	-	-	4	-	-	-	1459	-
Non-specified	8	-	9	-	999	-	-	-	3859	-
TRANSPORT	**61**	**-**	**-**	**-**	**-**	**3479**	**-**	**-**	**12473**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	3479	-	-	-	-
Rail	-	-	-	-	-	-	-	-	8462	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	61	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	4011	-
OTHER	**49**	**-**	**-**	**-**	**269826**	**-**	**2426**	**8120**	**291470**	**92829**
Residential	-	-	-	-	254941	-	-	-	149426	48893
Comm. and public services	-	-	-	-	9415	-	2229	8120	131610	29032
Agriculture/forestry	40	-	-	-	5470	-	197	-	8640	-
Fishing	-	-	-	-	-	-	-	-	127	-
Non-specified	9	-	-	-	-	-	-	-	1667	14904
NON-ENERGY USE	**-**	**4765**	**108**	**4623**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	4765	108	4335	-	-	-	-	-	-
of which: chem./petrochem.	-	*4765*	-	*1371*	-	-	-	-	-	-
in transport	-	-	-	205	-	-	-	-	-	-
in other	-	-	-	83	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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France: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	2689	-	-	24764	52240	-	891
From other sources	-	18	-	-	-	-	-	-	-	-	296
Imports	3604	8795	-	118	879	92	-	-	-	-	1835217
Exports	-84	-69	-	-	-26	-	-	-	-	-	-226317
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	353	-305	-	-	190	-	-	-	-	-	20279
DOMESTIC SUPPLY	**3873**	**8439**	**-**	**118**	**3732**	**92**	**-**	**24764**	**52240**	**-**	**1630366**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	833	-	-	229	1350	1599	11129	3795	-	25293
From other sources	-	-	1158	-	-	-	-	-	-	-
Imports	56742	463	233	130	-	3333	300	4143	226	23207
Exports	-20	-	-650	-92	-	-1150	-4091	-1308	-50	-2766
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-124
Intl. aviation bunkers	-	-	-	-	-	-	-	-5501	-	-
Stock changes	-114	-	226	-2	-	26	92	-57	-	-422
DOMESTIC SUPPLY	**57441**	**463**	**967**	**265**	**1350**	**3808**	**7430**	**1072**	**176**	**45188**
Transfers	-	-324	642	-265	-	-	265	-58	-	7

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	6347	4887	528	3728	400039	3130	21393	89768	568180	122029
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	3742	1964	765	2479	-	662	-	-	9976	-
Exports	-6360	-2421	-29	-2265	-	-299	-	-	-74024	-
Intl. marine bunkers	-1553	-	-	-16	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	124	68	-10	175	-	-36	-	-	-	-
DOMESTIC SUPPLY	**2300**	**4498**	**1254**	**4101**	**400039**	**3457**	**21393**	**89768**	**504132**	**122029**
Transfers	-600	-	-	412	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	4739	3598	-	178178	8770	6883	-	72709	182411	-	319315
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	9710	44030	-	13	3520	181	-	-	-	-	3504877
Exports	-5	-203	-	-1171	-491	-1523	-	-	-	-	-868427
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-158	19	-	-64	-71	6	-	-	-	-	-7587
DOMESTIC SUPPLY	**14286**	**47444**	**-**	**176956**	**11728**	**5547**	**-**	**72709**	**182411**	**-**	**2948178**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	1	-	1384	-1949	-245	-	-6842	-	-	88738
TRANSFORMATION	**14286**	**45026**	**-**	**176879**	**9436**	**910**	**-**	**18295**	**75481**	**-**	**650936**
Electricity plants	2511	33385	-	154857	-	306	-	16931	70302	-	80428
CHP plants	493	6551	-	6878	-	538	-	591	5012	-	475335
Heat plants	33	440	-	186	1	66	-	773	167	-	95173
Blast furnaces	-	4650	-	-	9435	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	11249	-	-	14958	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**893**	**-**	**12**	**-**	**12642**	**17732**	**-**	**62002**
Fuel mining and extraction	-	-	-	-	-	2	-	-	-	-	8978
Oil refineries	-	-	-	-	-	-	-	1365	-	-	53024
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	893	-	10	-	11277	17732	-	-
Losses	-	-	-	-	-	-	-	-	22938	-	-
FINAL CONSUMPTION	**-**	**2419**	**-**	**568**	**343**	**4380**	**-**	**34930**	**66260**	**-**	**2323978**
INDUSTRY	**-**	**2146**	**-**	**546**	**206**	**2976**	**-**	**34930**	**66260**	**-**	**870489**
Iron and steel	-	854	-	-	49	254	-	29532	66260	-	97795
Chemical and petrochemical	-	423	-	416	1	164	-	3089	-	-	233580
Non-ferrous metals	-	27	-	-	12	3	-	-	-	-	34968
Non-metallic minerals	-	461	-	-	100	1911	-	-	-	-	116288
Transport equipment	-	-	-	-	-	-	-	1669	-	-	37878
Machinery	-	1	-	-	18	3	-	616	-	-	76893
Mining and quarrying	-	2	-	-	2	118	-	-	-	-	4848
Food and tobacco	-	108	-	130	24	185	-	-	-	-	123524
Paper, pulp and print	-	262	-	-	-	318	-	-	-	-	98049
Wood and wood products	-	-	-	-	-	1	-	-	-	-	6148
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	8	-	-	-	-	-	-	-	-	10889
Non-specified	-	-	-	-	-	19	-	24	-	-	29629
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**20875**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	8280
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	12595
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**243**	**-**	**-**	**54**	**836**	**-**	**-**	**-**	**-**	**1315019**
Residential	-	177	-	-	43	836	-	-	-	-	851228
Comm. and public services	-	66	-	-	11	-	-	-	-	-	463791
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**30**	**-**	**22**	**83**	**568**	**-**	**-**	**-**	**-**	**117595**
in industry/transf./energy	-	30	-	22	83	568	-	-	-	-	117595
of which: chem./petrochem.	-	*30*	-	-	-	-	-	-	-	-	*117595*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	2435	-	-	1061	3646	2518	18856	4862	1	41920
From other sources	-	-	5961	-	-	-	-	-	-	-
Imports	89397	-	-	-	-	672	1782	4825	9	16775
Exports	-30	-	-	-	-	-276	-4795	-893	-	-7558
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-490
Intl. aviation bunkers	-	-	-	-	-	-	-	-7826	-	-
Stock changes	-368	-	-	-	-	14	29	58	2	650
DOMESTIC SUPPLY	**91434**	**-**	**5961**	**1061**	**3646**	**2928**	**15872**	**1026**	**12**	**51297**
Transfers	-	-	659	-	180	-27	1177	-61	-4	-993
Statistical differences	-162	-	-	-	64	-33	257	-253	-3	-209
TRANSFORMATION	**91272**	**-**	**6620**	**1061**	**212**	**370**	**-**	**-**	**-**	**427**
Electricity plants	-	-	-	-	54	62	-	-	-	150
CHP plants	-	-	-	-	57	15	-	-	-	59
Heat plants	-	-	-	-	-	-	-	-	-	81
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	91272	-	6620	1061	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	101	293	-	-	-	137
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**3309**	**19**	**-**	**-**	**-**	**16**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	3
Oil refineries	-	-	-	-	3309	19	-	-	-	13
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**369**	**2479**	**17306**	**712**	**5**	**49652**
INDUSTRY	**-**	**-**	**-**	**-**	**341**	**74**	**-**	**-**	**-**	**781**
Iron and steel	-	-	-	-	-	1	-	-	-	19
Chemical and petrochemical	-	-	-	-	276	-	-	-	-	38
Non-ferrous metals	-	-	-	-	-	2	-	-	-	15
Non-metallic minerals	-	-	-	-	-	10	-	-	-	80
Transport equipment	-	-	-	-	-	3	-	-	-	37
Machinery	-	-	-	-	-	32	-	-	-	260
Mining and quarrying	-	-	-	-	-	3	-	-	-	15
Food and tobacco	-	-	-	-	-	6	-	-	-	168
Paper, pulp and print	-	-	-	-	-	2	-	-	-	25
Wood and wood products	-	-	-	-	-	1	-	-	-	13
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	1	-	-	-	18
Non-specified	-	-	-	-	65	13	-	-	-	93
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**588**	**17002**	**712**	**-**	**30976**
Domestic aviation	-	-	-	-	-	-	-	712	-	-
Road	-	-	-	-	-	467	17002	-	-	30365
Rail	-	-	-	-	-	-	-	-	-	318
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	293
Non-specified	-	-	-	-	-	121	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**1013**	**304**	**-**	**2**	**17557**
Residential	-	-	-	-	-	650	100	-	2	11097
Comm. and public services	-	-	-	-	-	363	115	-	-	6425
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	89	-	-	35
NON-ENERGY USE	**-**	**-**	**-**	**-**	**28**	**804**	**-**	**-**	**3**	**338**
in industry/transf./energy	-	-	-	-	28	804	-	-	3	338
of which: chem./petrochem.	-	-	-	-	*28*	*803*	-	-	-	*338*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	7696	7851	1764	7641	478330	4239	311259	307278	627795	438340
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	2485	7801	864	1722	-	1399	-	-	40435	-
Exports	-3142	-611	-795	-3005	-	-1916	-	-	-74320	-141
Intl. marine bunkers	-1866	-	-	-1	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	157	46	8	-117	-	-	-	-	-	-
DOMESTIC SUPPLY	**5330**	**15087**	**1841**	**6240**	**478330**	**3722**	**311259**	**307278**	**593910**	**438199**
Transfers	-182	2125	-	-2379	-	-	-	-	-	-
Statistical differences	-401	-277	-9	585	-	-	-	-	-1	-
TRANSFORMATION	**1409**	**4529**	**860**	**588**	**149548**	**96**	**232451**	**249232**	**-**	**-**
Electricity plants	176	-	8	390	66753	9	83741	98055	-	-
CHP plants	111	-	21	160	69125	86	144525	114002	-	-
Heat plants	1	-	-	29	13670	1	4185	37175	-	-
Blast furnaces	229	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	831	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	892	4529	-	9	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**766**	**-**	**572**	**-**	**653**	**-**	**19717**	**356**	**56915**	**11453**
Fuel mining and extraction	-	-	-	-	387	-	-	-	1653	197
Oil refineries	761	-	572	-	253	-	19	356	6239	5612
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	35843	-
Pumped storage plants	-	-	-	-	-	-	-	-	8003	-
Other energy ind. own use	5	-	-	-	13	-	19698	-	5177	5644
Losses	-	-	-	-	-	-	907	-	24159	43650
FINAL CONSUMPTION	**2572**	**12406**	**400**	**3858**	**328129**	**3626**	**58184**	**57690**	**512835**	**383096**
INDUSTRY	**1350**	**-**	**149**	**146**	**95508**	**38**	**2216**	**57690**	**228773**	**174206**
Iron and steel	-	-	3	-	189	-	1	-	26321	2028
Chemical and petrochemical	1222	-	7	-	1146	14	269	7895	53487	94742
Non-ferrous metals	24	-	9	-	-	-	14	262	13418	478
Non-metallic minerals	67	-	123	140	6280	7	34	44286	12120	670
Transport equipment	-	-	-	1	198	3	-	2	18536	15653
Machinery	1	-	-	2	1976	3	149	1	39303	11008
Mining and quarrying	2	-	7	1	56	-	75	-	1768	51
Food and tobacco	18	-	-	-	4264	4	812	8	18074	10334
Paper, pulp and print	8	-	-	1	24831	7	788	5235	21933	28881
Wood and wood products	2	-	-	-	52406	-	8	-	4278	3482
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	4	-	-	-	94	-	-	-	2193	676
Non-specified	2	-	-	1	4068	-	66	1	17342	6203
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**3391**	**2088**	**-**	**11594**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	3369	2088	-	125	-
Rail	-	-	-	-	-	22	-	-	11469	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**232621**	**197**	**53880**	**-**	**272468**	**208890**
Residential	-	-	-	-	204800	-	-	-	129600	153342
Comm. and public services	-	-	-	-	27821	197	53880	-	142868	55548
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**1222**	**12406**	**251**	**3712**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	1222	12406	251	3406	-	-	-	-	-	-
of which: chem./petrochem.	*1222*	*12406*	*43*	*26*	-	-	-	-	-	-
in transport	-	-	-	296	-	-	-	-	-	-
in other	-	-	-	10	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Germany: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	3843	2807	-	178065	8901	6658	-	73795	185104	-	306015
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	10759	44717	-	20	2893	194	-	-	-	-	4017904
Exports	-	-177	-	-913	-348	-1445	-	-	-	-	-1182104
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-142	182	-	-	-	-	-	-	-	-	19846
DOMESTIC SUPPLY	**14460**	**47529**	**-**	**177172**	**11446**	**5407**	**-**	**73795**	**185104**	**-**	**3161661**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	2428	-	-	1215	3839	2656	18944	5178	-	43519
From other sources	-	-	6167	-	-	-	-	-	-	-
Imports	91198	-	-	-	-	732	1911	5002	11	18364
Exports	-333	-	-	-	-	-259	-4421	-1218	-	-8279
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-1016
Intl. aviation bunkers	-	-	-	-	-	-	-	-7851	-	-
Stock changes	280	-	-	-	-	2	4	-84	-	-511
DOMESTIC SUPPLY	**93573**	**-**	**6167**	**1215**	**3839**	**3131**	**16438**	**1027**	**11**	**52077**
Transfers	-	-	436	-	259	-16	1034	-29	-4	-1358

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	7953	7978	1886	7245	510000	3873	319000	301000	651504	462644
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	1923	6909	615	1883	-	1262	-	-	37008	-
Exports	-3034	-552	-849	-3509	-	-1629	-	-	-85290	-149
Intl. marine bunkers	-1421	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	119	36	-17	-10	-	-9	-	-	-	-
DOMESTIC SUPPLY	**5540**	**14371**	**1635**	**5609**	**510000**	**3497**	**319000**	**301000**	**603222**	**462495**
Transfers	-84	2269	-	-2044	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	50845	-	-	-	-	-	-	253
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	310	-	26	-	-	-	-	-	-	114747
Exports	-	-9	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-27	-	1007	-	-	-	-	-	-	570
DOMESTIC SUPPLY	**-**	**274**	**-**	**51878**	**-**	**-**	**-**	**-**	**-**	**-**	**115570**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	18	-	-5	-	-	-	-	-	-	-302
TRANSFORMATION	**-**	**-**	**-**	**51631**	**-**	**-**	**-**	**-**	**-**	**-**	**59593**
Electricity plants	-	-	-	29445	-	-	-	-	-	-	50128
CHP plants	-	-	-	22186	-	-	-	-	-	-	9465
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**654**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	622
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	32
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**292**	**-**	**242**	**-**	**-**	**-**	**-**	**-**	**-**	**55021**
INDUSTRY	**-**	**292**	**-**	**197**	**-**	**-**	**-**	**-**	**-**	**-**	**21574**
Iron and steel	-	-	-	-	-	-	-	-	-	-	1259
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	1786
Non-ferrous metals	-	183	-	197	-	-	-	-	-	-	11869
Non-metallic minerals	-	109	-	-	-	-	-	-	-	-	1214
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	136
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	3126
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	1331
Wood and wood products	-	-	-	-	-	-	-	-	-	-	41
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	411
Non-specified	-	-	-	-	-	-	-	-	-	-	401
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**640**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	640
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**45**	**-**	**-**	**-**	**-**	**-**	**-**	**16611**
Residential	-	-	-	23	-	-	-	-	-	-	10773
Comm. and public services	-	-	-	-	-	-	-	-	-	-	5829
Agriculture/forestry	-	-	-	22	-	-	-	-	-	-	9
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**16196**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	16196
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*16196*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	64	-	-	-	620	735	4649	2237	1	9519
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	20826	-	4797	221	-	39	351	164	-	936
Exports	-59	-	-	-2	-	-244	-2571	-1065	-6	-6583
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-264
Intl. aviation bunkers	-	-	-	-	-	-	-	-757	-	-
Stock changes	-140	-	118	-13	-	2	21	-67	1	318
DOMESTIC SUPPLY	**20691**	**-**	**4915**	**206**	**620**	**532**	**2450**	**512**	**-4**	**3926**
Transfers	-	-	1760	-	-	-34	37	-196	7	-152
Statistical differences	4	-	-	3	-	-4	38	-	-	-53
TRANSFORMATION	**20695**	**-**	**6675**	**209**	**231**	**3**	**-**	**-**	**-**	**274**
Electricity plants	-	-	-	-	-	-	-	-	-	258
CHP plants	-	-	-	-	231	3	-	-	-	16
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	20695	-	6675	209	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**389**	**41**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	389	41	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**450**	**2525**	**316**	**3**	**3447**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**109**	**2**	**-**	**-**	**225**
Iron and steel	-	-	-	-	-	6	-	-	-	7
Chemical and petrochemical	-	-	-	-	-	6	2	-	-	9
Non-ferrous metals	-	-	-	-	-	3	-	-	-	-
Non-metallic minerals	-	-	-	-	-	3	-	-	-	16
Transport equipment	-	-	-	-	-	1	-	-	-	9
Machinery	-	-	-	-	-	6	-	-	-	6
Mining and quarrying	-	-	-	-	-	3	-	-	-	33
Food and tobacco	-	-	-	-	-	58	-	-	-	23
Paper, pulp and print	-	-	-	-	-	4	-	-	-	-
Wood and wood products	-	-	-	-	-	1	-	-	-	-
Construction	-	-	-	-	-	10	-	-	-	93
Textile and leather	-	-	-	-	-	3	-	-	-	-
Non-specified	-	-	-	-	-	5	-	-	-	29
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**202**	**2515**	**175**	**-**	**2118**
Domestic aviation	-	-	-	-	-	-	-	175	-	-
Road	-	-	-	-	-	198	2515	-	-	1885
Rail	-	-	-	-	-	-	-	-	-	40
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	187
Non-specified	-	-	-	-	-	4	-	-	-	6
OTHER	**-**	**-**	**-**	**-**	**-**	**139**	**8**	**141**	**3**	**1104**
Residential	-	-	-	-	-	79	-	-	3	945
Comm. and public services	-	-	-	-	-	38	8	-	-	45
Agriculture/forestry	-	-	-	-	-	20	-	-	-	3
Fishing	-	-	-	-	-	2	-	-	-	21
Non-specified	-	-	-	-	-	-	-	141	-	90
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	6043	1327	510	1874	36391	156	3640	868	50474	2073
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1222	-	871	64	4367	25	-	-	9461	-
Exports	-3205	-721	-210	-878	-75	-12	-	-	-642	-
Intl. marine bunkers	-1653	-	-	-17	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-149	-18	-26	-142	-	3	-	-	-	-
DOMESTIC SUPPLY	**2258**	**588**	**1145**	**901**	**40683**	**172**	**3640**	**868**	**59293**	**2073**
Transfers	-368	-582	-	-448	-	-	-	-	-	-
Statistical differences	-9	-	3	-6	-	1	-7	-	-	-
TRANSFORMATION	**886**	**-**	**-**	**-**	**93**	**2**	**2955**	**868**	**-**	**-**
Electricity plants	886	-	-	-	-	-	375	-	-	-
CHP plants	-	-	-	-	-	-	2580	868	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	93	2	-	-	-	-
ENERGY IND. OWN USE	**516**	**2**	**438**	**25**	**-**	**-**	**60**	**-**	**5644**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	839	-
Oil refineries	516	2	438	25	-	-	-	-	778	-
Elec., CHP and heat plants	-	-	-	-	-	-	60	-	3772	-
Pumped storage plants	-	-	-	-	-	-	-	-	187	-
Other energy ind. own use	-	-	-	-	-	-	-	-	68	-
Losses	-	-	-	-	-	-	-	-	4149	-
FINAL CONSUMPTION	**479**	**4**	**710**	**422**	**40590**	**171**	**618**	**-**	**49500**	**2073**
INDUSTRY	**202**	**-**	**700**	**51**	**6140**	**16**	**65**	**-**	**12869**	**-**
Iron and steel	14	-	18	-	-	-	-	-	777	-
Chemical and petrochemical	8	-	-	43	-	-	-	-	660	-
Non-ferrous metals	6	-	2	-	-	-	-	-	4710	-
Non-metallic minerals	2	-	680	4	1031	1	-	-	1098	-
Transport equipment	-	-	-	-	-	1	-	-	105	-
Machinery	3	-	-	-	-	1	-	-	198	-
Mining and quarrying	34	-	-	-	-	3	-	-	40	-
Food and tobacco	74	-	-	-	4534	1	65	-	2175	-
Paper, pulp and print	17	-	-	-	95	-	-	-	548	-
Wood and wood products	-	-	-	-	480	-	-	-	130	-
Construction	37	-	-	4	-	7	-	-	1	-
Textile and leather	4	-	-	-	-	-	-	-	197	-
Non-specified	3	-	-	-	-	2	-	-	2230	-
TRANSPORT	**270**	**-**	**-**	**-**	**-**	**153**	**-**	**-**	**343**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	149	-	-	24	-
Rail	-	-	-	-	-	3	-	-	169	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	270	-	-	-	-	1	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	150	-
OTHER	**7**	**-**	**10**	**-**	**34450**	**2**	**553**	**-**	**36288**	**2073**
Residential	-	-	-	-	33167	-	-	-	17151	2073
Comm. and public services	4	-	10	-	249	2	553	-	16802	-
Agriculture/forestry	2	-	-	-	1034	-	-	-	2283	-
Fishing	1	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	52	-
NON-ENERGY USE	**-**	**4**	**-**	**371**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	4	-	343	-	-	-	-	-	-
of which: chem./petrochem.	-	*4*	-	*163*	-	-	-	-	-	-
in transport	-	-	-	24	-	-	-	-	-	-
in other	-	-	-	4	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Greece: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	46246	-	-	-	-	-	-	219
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	267	-	-	-	-	-	-	-	-	124377
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-26	-	1896	-	-	-	-	-	-	-66
DOMESTIC SUPPLY	**-**	**241**	**-**	**48142**	**-**	**-**	**-**	**-**	**-**	**-**	**124530**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	63	-	-	-	614	690	4612	2078	-	10360
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	22087	-	4600	214	-	71	517	226	-	1004
Exports	-80	-	-	-4	-	-181	-2793	-1192	-4	-6548
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-306
Intl. aviation bunkers	-	-	-	-	-	-	-	-731	-	-
Stock changes	-383	-	-76	8	-	-	79	113	-	-211
DOMESTIC SUPPLY	**21687**	**-**	**4524**	**218**	**614**	**580**	**2415**	**494**	**-4**	**4299**
Transfers	-	-	1852	-	-	-2	10	-127	8	20

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	5675	1470	475	2396	38000	191	3900	887	47961	2192
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	1661	-	995	52	4798	..	-	-	11081	-
Exports	-3058	-925	-185	-1267	-81	-14	-	-	-1472	-
Intl. marine bunkers	-1538	-	-	-12	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-198	-7	-119	-131	-	-3	-	-	-	-
DOMESTIC SUPPLY	**2542**	**538**	**1166**	**1038**	**42717**	**174**	**3900**	**887**	**57570**	**2192**
Transfers	-595	-536	-	-630	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	9551	967	-	-	8444	5347	-	66863
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	1321	40	181	-	44	4	-	-	-	-	345937
Exports	-	-	-	-384	-514	-	-	-	-	-	-28733
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-27	7	12	22	12	1	-	-	-	-	-59282
DOMESTIC SUPPLY	**1294**	**47**	**193**	**9189**	**509**	**5**	**-**	**8444**	**5347**	**-**	**324785**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	1	-	-	6510
TRANSFORMATION	**1294**	**3**	**97**	**8869**	**440**	**-**	**-**	**2453**	**3494**	**-**	**65638**
Electricity plants	-	1	10	8792	-	-	-	860	112	-	7248
CHP plants	-	-	87	68	-	-	-	926	2029	-	37316
Heat plants	-	2	-	9	-	-	-	667	1353	-	20445
Blast furnaces	-	-	-	-	434 e	-	-	-	-	-	629 e
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	1294	-	-	-	6	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**3181**	**-**	**-**	**4101**
Fuel mining and extraction	-	2	-	-	-	-	-	-	-	-	975
Oil refineries	-	-	-	-	-	-	-	-	-	-	2542
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	3181	-	-	584
Losses	-	-	-	-	-	-	-	10	99	-	4889
FINAL CONSUMPTION	**-**	**42**	**96**	**320**	**69**	**5**	**-**	**2801**	**1754**	**-**	**256667**
INDUSTRY	**-**	**25**	**34**	**3**	**69**	**-**	**-**	**2801**	**1754**	**-**	**59220**
Iron and steel	-	-	-	-	58 e	-	-	2801	1754	-	2312 e
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	10205
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	3313
Non-metallic minerals	-	24	23	3	7	-	-	-	-	-	8896
Transport equipment	-	-	-	-	-	-	-	-	-	-	2788
Machinery	-	-	1	-	1	-	-	-	-	-	7998
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	156
Food and tobacco	-	-	-	-	3	-	-	-	-	-	13023
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	3634
Wood and wood products	-	-	-	-	-	-	-	-	-	-	146
Construction	-	1	10	-	-	-	-	-	-	-	2062
Textile and leather	-	-	-	-	-	-	-	-	-	-	906
Non-specified	-	-	-	-	-	-	-	-	-	-	3781
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1837**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	54
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	1783
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**17**	**62**	**317**	**-**	**5**	**-**	**-**	**-**	**-**	**172596**
Residential	-	16	58	317	-	5	-	-	-	-	107958
Comm. and public services	-	1	4	-	-	-	-	-	-	-	57828
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	6807
Fishing	-	-	-	-	-	-	-	-	-	-	3
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**23014**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	23014
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*22953*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	588	244	-	-	185	182	1089	191	-	3509
From other sources	-	-	341	-	-	-	-	-	-	-
Imports	6060	133	269	-	-	243	415	-	-	1380
Exports	-10	-27	-	-	-	-76	-287	-16	-	-1529
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-171	-	-
Stock changes	-102	9	46	-	-	-10	-20	-4	-	-14
DOMESTIC SUPPLY	**6536**	**359**	**656**	**-**	**185**	**339**	**1197**	**-**	**-**	**3346**
Transfers	-	-234	696	-	-	203	-14	-	-	-605
Statistical differences	-23	-1	-	-	-	-	-	-	-	-
TRANSFORMATION	**6513**	**121**	**1352**	**-**	**2**	**85**	**-**	**-**	**-**	**7**
Electricity plants	-	-	-	-	-	-	-	-	-	2
CHP plants	-	-	-	-	1	-	-	-	-	2
Heat plants	-	-	-	-	1	-	-	-	-	1
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	6513	121	1352	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	85	-	-	-	2
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**183**	**11**	**-**	**-**	**-**	**3**
Fuel mining and extraction	-	-	-	-	-	11	-	-	-	-
Oil refineries	-	-	-	-	183	-	-	-	-	3
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**3**	**-**	**-**	**-**	**446**	**1183**	**-**	**-**	**2731**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**146**	**-**	**-**	**-**	**143**
Iron and steel	-	-	-	-	-	-	-	-	-	1
Chemical and petrochemical	-	-	-	-	-	115	-	-	-	1
Non-ferrous metals	-	-	-	-	-	-	-	-	-	1
Non-metallic minerals	-	-	-	-	-	5	-	-	-	6
Transport equipment	-	-	-	-	-	1	-	-	-	1
Machinery	-	-	-	-	-	4	-	-	-	4
Mining and quarrying	-	-	-	-	-	-	-	-	-	13
Food and tobacco	-	-	-	-	-	8	-	-	-	3
Paper, pulp and print	-	-	-	-	-	1	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	3
Construction	-	-	-	-	-	10	-	-	-	109
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	2	-	-	-	1
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**27**	**1183**	**-**	**-**	**2271**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	27	1183	-	-	2214
Rail	-	-	-	-	-	-	-	-	-	51
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	6
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**94**	**-**	**-**	**-**	**311**
Residential	-	-	-	-	-	54	-	-	-	-
Comm. and public services	-	-	-	-	-	12	-	-	-	10
Agriculture/forestry	-	-	-	-	-	28	-	-	-	300
Fishing	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**3**	**-**	**-**	**-**	**179**	**-**	**-**	**-**	**6**
in industry/transf./energy	-	3	-	-	-	179	-	-	-	6
of which: chem./petrochem.	*-*	*3*	*-*	*-*	*-*	*179*	*-*	*-*	*-*	*6*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	67	902	407	1412	58733	428	3181	5783	29371	42791
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	20	229	-	79	1899	148	-	563	19079	-
Exports	-23	-	-261	-976	-2439	-361	-	-	-5689	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-1	7	-8	35	-	23	-	-	-	-
DOMESTIC SUPPLY	**63**	**1138**	**138**	**550**	**58193**	**238**	**3181**	**6346**	**42761**	**42791**
Transfers	-	-11	-	-35	-	-	-	-	-	-
Statistical differences	1	-	-	-4	-	-	-	1	-1020	504
TRANSFORMATION	**15**	**254**	**-**	**1**	**23081**	**-**	**2115**	**4494**	**4**	**-**
Electricity plants	11	-	-	-	18279	-	679	983	-	-
CHP plants	2	-	-	1	3252	-	1436	3511	-	-
Heat plants	2	-	-	-	1550	-	-	-	4	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	254	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**36**	**-**	**62**	**75**	**-**	**-**	**406**	**-**	**3402**	**1437**
Fuel mining and extraction	-	-	-	-	-	-	-	-	514	4
Oil refineries	36	-	62	75	-	-	-	-	593	1433
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	2240	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	406	-	55	-
Losses	-	-	-	-	-	-	-	-	3631	3999
FINAL CONSUMPTION	**13**	**873**	**76**	**435**	**35112**	**238**	**660**	**1853**	**34704**	**37859**
INDUSTRY	**7**	**176**	**76**	**151**	**4613**	**-**	**574**	**1760**	**14678**	**14330**
Iron and steel	-	-	-	-	-	-	-	-	592	899
Chemical and petrochemical	-	176	-	148	54	-	-	-	3197	8964
Non-ferrous metals	-	-	-	-	-	-	-	-	389	632
Non-metallic minerals	-	-	76	-	302	-	-	1760	1204	132
Transport equipment	-	-	-	-	3	-	-	-	1466	302
Machinery	-	-	-	-	199	-	-	-	2459	202
Mining and quarrying	-	-	-	-	5	-	-	-	87	-
Food and tobacco	2	-	-	2	2089	-	574	-	2082	1044
Paper, pulp and print	3	-	-	-	339	-	-	-	798	1555
Wood and wood products	-	-	-	-	1180	-	-	-	245	-
Construction	2	-	-	-	108	-	-	-	261	222
Textile and leather	-	-	-	1	13	-	-	-	200	12
Non-specified	-	-	-	-	321	-	-	-	1698	366
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**238**	**-**	**-**	**1146**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	238	-	-	17	-
Rail	-	-	-	-	-	-	-	-	1119	-
Pipeline transport	-	-	-	-	-	-	-	-	10	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**6**	**-**	**-**	**28**	**30499**	**-**	**86**	**93**	**18880**	**23529**
Residential	1	-	-	-	25775	-	-	-	10423	18035
Comm. and public services	4	-	-	16	4373	-	53	93	7645	5481
Agriculture/forestry	1	-	-	1	351	-	33	-	797	13
Fishing	-	-	-	-	-	-	-	-	15	-
Non-specified	-	-	-	11	-	-	-	-	-	-
NON-ENERGY USE	**-**	**697**	**-**	**256**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	697	-	200	-	-	-	-	-	-
of which: chem./petrochem.	-	*697*	-	*23*	-	-	-	-	-	-
in transport	-	-	-	56	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Hungary: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	9261	1006	-	-	8264	7607	-	63687
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	1300	42	156	61	34	4	-	-	-	-	264077
Exports	-	-	-	-351	-344	-	-	-	-	-	-21315
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	17	2	4	188	4	-	-	-	-	-	42019
DOMESTIC SUPPLY	**1317**	**44**	**160**	**9159**	**700**	**4**	**-**	**8264**	**7607**	**-**	**348468**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	605	227	-	-	181	156	1142	186	-	3007
From other sources	-	-	372	-	-	-	-	-	-	-
Imports	6213	146	246	-	-	311	439	2	-	1527
Exports	-78	-24	-	-	-	-92	-273	-10	-	-1125
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-177	-	-
Stock changes	-261	-12	55	-	-	10	-37	-1	-	-182
DOMESTIC SUPPLY	**6479**	**337**	**673**	**-**	**181**	**385**	**1271**	**-**	**-**	**3227**
Transfers	-	-237	219	-	-	215	-53	-5	-	-188

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	82	904	406	1343	59480	542	3163	5110	30191	44933
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	19	307	-	62	2484	157	-	646	19936	-
Exports	-33	-	-254	-945	-3791	-477	-	-	-6249	-
Intl. marine bunkers	-	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-10	-12	7	12	-	-6	-	-	-	-
DOMESTIC SUPPLY	**58**	**1199**	**159**	**472**	**58173**	**216**	**3163**	**5756**	**43878**	**44933**
Transfers	-	-4	-	53	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	100	-	-	31	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**100**	**-**	**-**	**31**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**100**	**-**	**-**	**31**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**100**	**-**	**-**	**31**	**-**	**-**	**-**	**-**	**-**	**-**
Iron and steel	-	100	-	-	31	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	2	133	188	-	288 e
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-15
Intl. aviation bunkers	-	-	-	-	-	-	-	-177	-	-
Stock changes	-	-	-	-	-	-	-1	2	-	16
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**2**	**132**	**13**	**-**	**289**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**
Electricity plants	-	-	-	-	-	-	-	-	-	1
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**2**	**132**	**13**	**-**	**288**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**1**	**-**	**-**	**-**	**38**
Iron and steel	-	-	-	-	-	-	-	-	-	1
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	1	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	3
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	34
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**132**	**13**	**-**	**117**
Domestic aviation	-	-	-	-	-	-	-	13	-	-
Road	-	-	-	-	-	-	132	-	-	113
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	4
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**1**	**-**	**-**	**-**	**133**
Residential	-	-	-	-	-	1	-	-	-	2
Comm. and public services	-	-	-	-	-	-	-	-	-	1
Agriculture/forestry	-	-	-	-	-	-	-	-	-	6
Fishing	-	-	-	-	-	-	-	-	-	124
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	-	-	101	-	18122	23118
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	90	-	31	14	-	3	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-8	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-10	-	-	-	-	-1 e	-	-	-	-
DOMESTIC SUPPLY	**72**	**-**	**31**	**14**	**-**	**2** e	**101**	**-**	**18122**	**23118**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	2 e	-	-	374	1910
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**198**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	198	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**970**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	449	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	521	-
Losses	-	-	-	-	-	-	-	-	498	2585
FINAL CONSUMPTION	**72**	**-**	**31**	**14**	**-**	**4**	**101**	**-**	**16830**	**22443**
INDUSTRY	**4**	**-**	**31**	**-**	**-**	**-**	**-**	**-**	**14682**	**-**
Iron and steel	-	-	31	-	-	-	-	-	985	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	66	-
Non-ferrous metals	-	-	-	-	-	-	-	-	12981	-
Non-metallic minerals	-	-	-	-	-	-	-	-	23	-
Transport equipment	-	-	-	-	-	-	-	-	5	-
Machinery	-	-	-	-	-	-	-	-	10	-
Mining and quarrying	-	-	-	-	-	-	-	-	1	-
Food and tobacco	2	-	-	-	-	-	-	-	520	-
Paper, pulp and print	-	-	-	-	-	-	-	-	16	-
Wood and wood products	-	-	-	-	-	-	-	-	3	-
Construction	-	-	-	-	-	-	-	-	27	-
Textile and leather	-	-	-	-	-	-	-	-	2	-
Non-specified	2	-	-	-	-	-	-	-	43	-
TRANSPORT	**2**	**-**	**-**	**-**	**-**	**4**	**101**	**-**	**4**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	4	101	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	2	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	4	-
OTHER	**66**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2144**	**22443**
Residential	-	-	-	-	-	-	-	-	842	12005
Comm. and public services	-	-	-	-	-	-	-	-	1026	9195
Agriculture/forestry	-	-	-	-	-	-	-	-	228	425
Fishing	66	-	-	-	-	-	-	-	48	412
Non-specified	-	-	-	-	-	-	-	-	-	406
NON-ENERGY USE	**-**	**-**	**-**	**14**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	10	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	4	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Iceland: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	108	-	-	28	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**108**	**-**	**-**	**28**	**-**	**-**	**-**	**-**	**-**	**-**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	2	133	188	-	342
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-15
Intl. aviation bunkers	-	-	-	-	-	-	-	-176	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**2**	**133**	**12**	**-**	**327**
Transfers	-	-	-	-	-	-	-	-	-	-

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	-	-	-	..	-	-	101	-	18799	23819
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	80	-	9	14	-	3	-	-	-	-
Exports	-	-	-	..	-	-	-	-	-	-
Intl. marine bunkers	-8	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-	-	-	..	-	-1	-	-	-	-
DOMESTIC SUPPLY	**72**	**-**	**9**	**14**	**-**	**2**	**101**	**-**	**18799**	**23819**
Transfers	-	-	-	..	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	c	-	-	-	4604	5711
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	1974	-	-	-	28	-	-	-	-	167089
Exports	-	-13	-	-	-	-1	-	-	-	-5	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	68	-	-	-	3	-	-	-	-975	372
DOMESTIC SUPPLY	**-**	**2029**	**-**	**-**	**-**	**30**	**-**	**-**	**-**	**3624**	**173172**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-3	-	-	-	75	-806
TRANSFORMATION	**-**	**1588**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3066**	**94125**
Electricity plants	-	1588	-	-	-	-	-	-	-	2695	79595
CHP plants	-	-	-	-	-	-	-	-	-	36	11999
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	c	-	-	-	-	-	-	-	335	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	2531
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**60**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	60	-
Losses	-	-	-	-	-	-	-	-	-	-	2962
FINAL CONSUMPTION	**-**	**441**	**-**	**-**	**-**	**27**	**-**	**-**	**-**	**573**	**75279**
INDUSTRY	**-**	**161**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**31779**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	2616
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	17786
Non-metallic minerals	-	129	-	-	-	-	-	-	-	-	682
Transport equipment	-	-	-	-	-	-	-	-	-	-	75
Machinery	-	-	-	-	-	-	-	-	-	-	5196
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	482
Food and tobacco	-	32	-	-	-	-	-	-	-	2	4236
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	136
Wood and wood products	-	-	-	-	-	-	-	-	-	-	82
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	46
Non-specified	-	-	-	-	-	-	-	-	-	-	442
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	1
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**280**	**-**	**-**	**-**	**27**	**-**	**-**	**-**	**571**	**43499**
Residential	-	280	-	-	-	27	-	-	-	571	24869
Comm. and public services	-	-	-	-	-	-	-	-	-	-	18630
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	57	60	489	-	137	1014
From other sources	49	-	-	-	-	-	-	-	-	-
Imports	2701	-	-	-	-	98	882	898	371	2227
Exports	-	-	-10	-	-	-30	-262	-	-8	-17
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-107
Intl. aviation bunkers	-	-	-	-	-	-	-	-704	-	-
Stock changes	51	-	1	-	-	-1	3	-4	36	8
DOMESTIC SUPPLY	**2801**	**-**	**-9**	**-**	**57**	**127**	**1112**	**190**	**536**	**3125**
Transfers	-49	-	20	-	-	-	-19	-187	187	-
Statistical differences	-	-	-	-	-	-7	14	3	-20	-40
TRANSFORMATION	**2752**	**-**	**11**	**-**	**4**	**-**	**-**	**-**	**-**	**7**
Electricity plants	-	-	-	-	-	-	-	-	-	7
CHP plants	-	-	-	-	4	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	2752	-	11	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**53**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	53	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**120**	**1107**	**6**	**703**	**3078**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**53**	**-**	**-**	**63**	**141**
Iron and steel	-	-	-	-	-	1	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	4	-	-	12	10
Non-ferrous metals	-	-	-	-	-	3	-	-	-	-
Non-metallic minerals	-	-	-	-	-	2	-	-	2	32
Transport equipment	-	-	-	-	-	1	-	-	-	1
Machinery	-	-	-	-	-	2	-	-	-	10
Mining and quarrying	-	-	-	-	-	-	-	-	10	25
Food and tobacco	-	-	-	-	-	20	-	-	38	28
Paper, pulp and print	-	-	-	-	-	-	-	-	-	2
Wood and wood products	-	-	-	-	-	-	-	-	-	2
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	4	-	-	1	1
Non-specified	-	-	-	-	-	16	-	-	-	30
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**2**	**1107**	**6**	**-**	**2357**
Domestic aviation	-	-	-	-	-	-	2	6	-	-
Road	-	-	-	-	-	2	1105	-	-	2316
Rail	-	-	-	-	-	-	-	-	-	40
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**65**	**-**	**-**	**640**	**580**
Residential	-	-	-	-	-	55	-	-	640	180
Comm. and public services	-	-	-	-	-	10	-	-	-	230
Agriculture/forestry	-	-	-	-	-	-	-	-	-	170
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	937	16	-	-	8809	27	2187	4799	26314	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	103	-	204	235	1757	85	-	-	2853	-
Exports	-938	-16	-	-6	-	-	-	-	-704	-
Intl. marine bunkers	-20	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	29	1	-26	-	-1	1	-	-	-	-
DOMESTIC SUPPLY	**111**	**1**	**178**	**229**	**10565**	**113**	**2187**	**4799**	**28463**	**-**
Transfers	-	-1	-	49	-	-	-	-	-	-
Statistical differences	3	-	-	-	63	-1	1	2	-598	-
TRANSFORMATION	**49**	**-**	**-**	**-**	**2437**	**-**	**1846**	**2096**	**-**	**-**
Electricity plants	49	-	-	-	2304	-	1636	2096	-	-
CHP plants	-	-	-	-	133	-	210	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	c	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**49**	**-**	**-**	**-**	**-**	**1685**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	49	-	-	-	-	86	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	1007	-
Pumped storage plants	-	-	-	-	-	-	-	-	501	-
Other energy ind. own use	-	-	-	-	-	-	-	-	91	-
Losses	-	-	-	-	-	-	-	-	2044	-
FINAL CONSUMPTION	**65**	**-**	**178**	**229**	**8191**	**112**	**342**	**2705**	**24136**	**-**
INDUSTRY	**50**	**-**	**145**	**-**	**5951**	**-**	**125**	**2705**	**9396**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	2	-	-	-	-	-	-	-	1707	-
Non-ferrous metals	25	-	-	-	-	-	-	-	747	-
Non-metallic minerals	5	-	145	-	81	-	-	2705	598	-
Transport equipment	1	-	-	-	-	-	-	-	198	-
Machinery	1	-	-	-	-	-	-	-	1400	-
Mining and quarrying	2	-	-	-	-	-	-	-	674	-
Food and tobacco	12	-	-	-	1342	-	125	-	2004	-
Paper, pulp and print	-	-	-	-	-	-	-	-	220	-
Wood and wood products	1	-	-	-	4528	-	-	-	403	-
Construction	-	-	-	-	-	-	-	-	73	-
Textile and leather	1	-	-	-	-	-	-	-	120	-
Non-specified	-	-	-	-	-	-	-	-	1252	-
TRANSPORT	**15**	**-**	**-**	**-**	**-**	**112**	**-**	**-**	**39**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	112	-	-	-	-
Rail	-	-	-	-	-	-	-	-	39	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	15	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**33**	**-**	**2240**	**-**	**217**	**-**	**14701**	**-**
Residential	-	-	33	-	1075	-	-	-	7704	-
Comm. and public services	-	-	-	-	1165	-	217	-	6439	-
Agriculture/forestry	-	-	-	-	-	-	-	-	558	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**229**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	203	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	25	-	-	-	-	-	-
in other	-	-	-	1	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Ireland: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	3546	4989
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	2355	-	-	-	27	-	-	-	-	168442
Exports	-	-13	-	-	-	-2	-	-	-	-16	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-28	-	-	-	1	-	-	-	-15	1124
DOMESTIC SUPPLY	**-**	**2314**	**-**	**-**	**-**	**26**	**-**	**-**	**-**	**3515**	**174555**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	85	46	602	-	141	1215
From other sources	39	-	-	-	-	-	-	-	-	-
Imports	3643	-	-	-	-	108	853	1159	422	2281
Exports	-	-	-	-	-	-14	-392	-80	-18	-60
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-144
Intl. aviation bunkers	-	-	-	-	-	-	-	-854	-	-
Stock changes	-276	-	-1	-	-	-	-5	6	-11	-27
DOMESTIC SUPPLY	**3406**	**-**	**-1**	**-**	**85**	**140**	**1058**	**231**	**534**	**3265**
Transfers	-39	-	14	-	-	-	-13	-294	294	-

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	1167	29	-	..	8658	27	2188	4798	28663	-
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	121	-	199	304	1311	81	-	-	1752	-
Exports	-1173	-25	-	-6	-9	-	-	-	-1079	-
Intl. marine bunkers	-10	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	6	-3	-	..	-78	1	-	-	-	-
DOMESTIC SUPPLY	**111**	**1**	**199**	**298**	**9882**	**109**	**2188**	**4798**	**29336**	**-**
Transfers	-	-1	-	39	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat [2] (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	396	288144 e
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	11021	-	-	-	-	-	-	-	-	4606 e
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-100	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**10921**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**396**	**292750**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	16	-	-	-	-	-	-	-	-	40161 e
TRANSFORMATION	**-**	**10937**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**396**	**263695**
Electricity plants	-	10937	-	-	-	-	-	-	-	396	263695 e
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**44552**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	44552 e
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**24664**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**23359**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	23359 e
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1305**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	1305 e
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Includes the quantities of oil shale.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [3]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [4]	Aviation fuels [5]	Other kerosene	Gas / Diesel [4]
Production	64 e	-	-	-	-	605 e	3149 e	932 e	121 e	5191 e
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	11396 e	-	2480 e	-	-	231 e	566 e	129 e	173 e	499 e
Exports	-	-	-	-	-	-132 e	-883 e	-	-264 e	-2969 e
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-25 e
Intl. aviation bunkers	-	-	-	-	-	-	-	-1061 e	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**11460**	**-**	**2480**	**-**	**-**	**704**	**2832**	**-**	**30**	**2696**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-66 e	12 e	-	-	-150 e
TRANSFORMATION	**11460**	**-**	**2480**	**-**	**-**	**-**	**-**	**-**	**-**	**17**
Electricity plants	-	-	-	-	-	-	-	-	-	17 e
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	11460 e	-	2480 e	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**638**	**2844**	**-**	**30**	**2529**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**182**	**-**	**-**	**16**	**13**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	182 e	-	-	16 e	13 e
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**7**	**2844**	**-**	**-**	**2505**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	7 e	2844 e	-	-	2505 e
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**249**	**-**	**-**	**14**	**11**
Residential	-	-	-	-	-	120 e	-	-	-	-
Comm. and public services	-	-	-	-	-	117 e	-	-	-	2 e
Agriculture/forestry	-	-	-	-	-	12 e	-	-	-	2 e
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	14 e	7 e
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**200**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	200 e	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*200* e	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

3. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
4. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
5. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [6] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	3040 e	819 e	-	537 e	183 e	-	638 e	-	60813	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	142 e	30 e	369 e	1238 e	185 e	-	-	-	-	-
Exports	-2242 e	-396 e	-	-303 e	-	-	-	-	-4844	-
Intl. marine bunkers	-97 e	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**843**	**453**	**369**	**1472**	**368**	**-**	**638**	**-**	**55969**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-255 e	35 e	26 e	-23 e	-	-	-	-	-41	-
TRANSFORMATION	**13**	**-**	**-**	**39**	**-**	**-**	**638**	**-**	**-**	**-**
Electricity plants	13 e	-	-	39 e	-	-	638 e	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**215**	**-**	**-**	**528**	**-**	**-**	**-**	**-**	**2872**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	215 e	-	-	-	-	-	-	-	883	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	1989	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	528 e	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1738	-
FINAL CONSUMPTION	**360**	**488**	**395**	**882**	**368**	**-**	**-**	**-**	**51318**	**-**
INDUSTRY	**349**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**15211**	**-**
Iron and steel	-	-	-	-	-	-	-	-	544	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	546	-
Machinery	-	-	-	-	-	-	-	-	3019	-
Mining and quarrying	-	-	-	-	-	-	-	-	2654	-
Food and tobacco	-	-	-	-	-	-	-	-	1949	-
Paper, pulp and print	-	-	-	-	-	-	-	-	91	-
Wood and wood products	-	-	-	-	-	-	-	-	702	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	246	-
Non-specified	349 e	-	-	-	-	-	-	-	5460	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**11**	**2**	**-**	**-**	**368**	**-**	**-**	**-**	**36107**	**-**
Residential	-	-	-	-	183 e	-	-	-	15981	-
Comm. and public services	-	-	-	-	-	-	-	-	15953	-
Agriculture/forestry	-	-	-	-	-	-	-	-	1769	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	11 e	2 e	-	-	185 e	-	-	-	2404	-
NON-ENERGY USE	**-**	**486**	**395**	**882**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	486 e	395 e	882 e	-	-	-	-	-	-
of which: chem./petrochem.	-	*486* e	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

6. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat [2] (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	400	317687
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	10606	-	-	-	-	-	-	-	-	6563
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**10606**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**400**	**324250**

SUPPLY	Oil (kt)									
	Crude oil [3]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [4]	Aviation fuels [5]	Other kerosene	Gas / Diesel [4]
Production	64	-	-	-	-	621	3253	902	117	4990
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	11673	-	2562	-	-	231	566	190	54	499
Exports	-	-	-	-	-	-132	-883	-	-141	-2768
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-34
Intl. aviation bunkers	-	-	-	-	-	-	-	-1092	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**11737**	**-**	**2562**	**-**	**-**	**720**	**2936**	**-**	**30**	**2687**
Transfers	-	-	-	-	-	-	-	-	-	-

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [6] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	3390	808	-	213	183	-	638	-	65231	-
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	142	30	281	1060	185	-	-	-	-	-
Exports	-2446	-396	-	-296	-	-	-	-	-4844	-
Intl. marine bunkers	-227	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-	-	-	..	-	-	-	-	-	-
DOMESTIC SUPPLY	**859**	**442**	**281**	**977**	**368**	**-**	**638**	**-**	**60387**	**-**
Transfers	-	-	-	..	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Includes the quantities of oil shale.
3. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
4. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
5. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
6. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	86	-	-	1920	-	-	18022	25630	-	272377
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	2362	17091	475	3	1215	-	-	-	-	-	2124342
Exports	-	-1	-	-	-341	-	-	-	-	-	-9030
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	53	37	-	-	77	-	-	-	-	-	-28842
DOMESTIC SUPPLY	**2415**	**17213**	**475**	**3**	**2871**	**-**	**-**	**18022**	**25630**	**-**	**2358847**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**2284**	**16408**	**475**	**-**	**1578**	**-**	**-**	**9319**	**25137**	**-**	**829412**
Electricity plants	-	15602	475	-	-	-	-	1666	13455	-	250920
CHP plants	-	84	-	-	-	-	-	7653	11682	-	578492
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	722 e	-	-	1578 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	2284	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**6**	**-**	**-**	**-**	**-**	**-**	**-**	**933**	**-**	**-**	**55454**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	39717
Oil refineries	-	-	-	-	-	-	-	-	-	-	12132
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	6	-	-	-	-	-	-	933	-	-	3605
Losses	-	-	-	-	-	-	-	-	-	-	12689
FINAL CONSUMPTION	**125**	**805**	**-**	**3**	**1293**	**-**	**-**	**7770**	**493**	**-**	**1461292**
INDUSTRY	**-**	**805**	**-**	**3**	**1293**	**-**	**-**	**7770**	**493**	**-**	**397582**
Iron and steel	-	299 e	-	-	1280 e	-	-	7770	493	-	55219
Chemical and petrochemical	-	-	-	-	2	-	-	-	-	-	47838
Non-ferrous metals	-	-	-	-	2	-	-	-	-	-	18479
Non-metallic minerals	-	506	-	3	6	-	-	-	-	-	91418
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	62992
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	1529
Food and tobacco	-	-	-	-	-	-	-	-	-	-	53454
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	27912
Wood and wood products	-	-	-	-	-	-	-	-	-	-	1402
Construction	-	-	-	-	-	-	-	-	-	-	9897
Textile and leather	-	-	-	-	-	-	-	-	-	-	26573
Non-specified	-	-	-	-	3	-	-	-	-	-	869
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**49873**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	40119
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	9754
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**990139**
Residential	-	-	-	-	-	-	-	-	-	-	704817
Comm. and public services	-	-	-	-	-	-	-	-	-	-	279683
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	5639
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**125**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**23698**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	23698
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*23698*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	125	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	5765	-	-	365	2262	1327	15419	2269	639	29488
From other sources	-	-	1441	-	-	-	-	-	-	-
Imports	53843	-	5911	199	-	2204	385	1574	537	3168
Exports	-358	-	-923	-4	-	-215	-7023	-19	-256	-5498
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-114
Intl. aviation bunkers	-	-	-	-	-	-	-	-2995	-	-
Stock changes	-269	-	56	-3	-	35	55	-91	73	-448
DOMESTIC SUPPLY	**58981**	**-**	**6485**	**557**	**2262**	**3351**	**8836**	**738**	**993**	**26596**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	664	-	2	128	-	-	-	-	-	3
TRANSFORMATION	**59645**	**-**	**6487**	**685**	**560**	**162**	**51**	**-**	**414**	**224**
Electricity plants	-	-	-	-	-	-	-	-	-	91
CHP plants	-	-	-	-	545	6	-	-	4	26
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	59645	-	6487	685	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	15	156	51	-	410	107
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**1480**	**35**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	1480	35	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**222**	**3154**	**8785**	**738**	**579**	**26375**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**128**	**300**	**11**	**1**	**386**
Iron and steel	-	-	-	-	-	9	-	-	-	15
Chemical and petrochemical	-	-	-	-	-	2	286	-	-	107
Non-ferrous metals	-	-	-	-	-	9	-	-	-	5
Non-metallic minerals	-	-	-	-	-	44	-	-	-	35
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	31	14	11	1	93
Mining and quarrying	-	-	-	-	-	2	-	-	-	20
Food and tobacco	-	-	-	-	-	18	-	-	-	32
Paper, pulp and print	-	-	-	-	-	4	-	-	-	15
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	1	-	-	-	30
Textile and leather	-	-	-	-	-	8	-	-	-	25
Non-specified	-	-	-	-	-	-	-	-	-	9
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**1564**	**8083**	**629**	**-**	**22382**
Domestic aviation	-	-	-	-	-	-	-	629	-	-
Road	-	-	-	-	-	1564	8083	-	-	21746
Rail	-	-	-	-	-	-	-	-	-	18
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	618
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**1420**	**17**	**98**	**4**	**3300**
Residential	-	-	-	-	-	983	-	-	4	1138
Comm. and public services	-	-	-	-	-	392	8	-	-	144
Agriculture/forestry	-	-	-	-	-	43	8	-	-	1868
Fishing	-	-	-	-	-	2	1	-	-	150
Non-specified	-	-	-	-	-	-	-	98	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**222**	**42**	**385**	**-**	**574**	**307**
in industry/transf./energy	-	-	-	-	222	42	385	-	574	307
of which: chem./petrochem.	-	-	-	-	*222*	*42*	*385*	-	*574*	*307*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	5731	2705	758	5739	273792	696	82105	84414	279827	205954
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	329	1057	1293	791	66905	1586	-	-	46747	-
Exports	-2819	-833	-6	-2942	-1125	-131	-	-	-3031	-
Intl. marine bunkers	-1845	-	-	-34	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	861	62	3	211	-	22	-	-	-	-
DOMESTIC SUPPLY	**2257**	**2991**	**2048**	**3765**	**339572**	**2173**	**82105**	**84414**	**323543**	**205954**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	10	-	-	1241	-	1	-	-	1	-
TRANSFORMATION	**802**	**655**	**137**	**2714**	**86157**	**968**	**80239**	**73029**	**-**	**-**
Electricity plants	538	-	-	59	35055	675	34198	39577	-	-
CHP plants	264	10	137	2598	47342	293	46025	33452	-	-
Heat plants	-	-	-	-	3452	-	16	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	645	-	57	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	308	-	-	-	-	-
ENERGY IND. OWN USE	**212**	**-**	**797**	**1**	**-**	**-**	**-**	**-**	**22595**	**48316**
Fuel mining and extraction	-	-	-	-	-	-	-	-	391	898
Oil refineries	212	-	797	1	-	-	-	-	5230	31281
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	10679	68
Pumped storage plants	-	-	-	-	-	-	-	-	2329	-
Other energy ind. own use	-	-	-	-	-	-	-	-	3966	16069
Losses	-	-	-	-	-	-	-	-	19451	763
FINAL CONSUMPTION	**1253**	**2336**	**1114**	**2291**	**253415**	**1206**	**1866**	**11385**	**281498**	**156875**
INDUSTRY	**547**	**-**	**1114**	**-**	**12410**	**-**	**828**	**11385**	**112918**	**110078**
Iron and steel	49	-	-	-	-	-	-	-	18355	3921
Chemical and petrochemical	71	-	9	-	1	-	283	3208	14203	37766
Non-ferrous metals	13	-	-	-	-	-	-	-	2522	29
Non-metallic minerals	86	-	1105	-	4407	-	-	7349	9175	5455
Transport equipment	-	-	-	-	-	-	-	-	3340	3633
Machinery	115	-	-	-	21	-	-	-	19531	644
Mining and quarrying	6	-	-	-	-	-	-	-	643	204
Food and tobacco	103	-	-	-	730	-	524	-	11972	15826
Paper, pulp and print	43	-	-	-	-	-	17	-	8672	35044
Wood and wood products	-	-	-	-	4131	-	-	-	2894	1519
Construction	-	-	-	-	-	-	-	-	1251	30
Textile and leather	39	-	-	-	-	-	4	-	5237	1863
Non-specified	22	-	-	-	3120	-	-	828	15123	4144
TRANSPORT	**356**	**-**	**-**	**-**	**-**	**1206**	**1**	**-**	**10463**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	1206	1	-	68	-
Rail	-	-	-	-	-	-	-	-	4970	-
Pipeline transport	-	-	-	-	-	-	-	-	427	-
Domestic navigation	356	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	4998	-
OTHER	**1**	**-**	**-**	**-**	**241005**	**-**	**1037**	**-**	**158117**	**46797**
Residential	1	-	-	-	237623	-	-	-	64255	34264
Comm. and public services	-	-	-	-	2488	-	1037	-	88489	11146
Agriculture/forestry	-	-	-	-	894	-	-	-	5205	941
Fishing	-	-	-	-	-	-	-	-	168	-
Non-specified	-	-	-	-	-	-	-	-	-	446
NON-ENERGY USE	**349**	**2336**	**-**	**2291**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	349	2336	-	1936	-	-	-	-	-	-
of which: chem./petrochem.	*349*	*2336*	-	*44*	-	-	-	-	-	-
in transport	-	-	-	355	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	73	-	-	1978	-	-	14140	25740	-	257975
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	2292	16905	435	3	682	-	-	-	-	-	2331758
Exports	-	-82	-	-	-308	-	-	-	-	-	-8420
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	92	-142	-	-	92	-	-	-	-	-	-8687
DOMESTIC SUPPLY	**2384**	**16754**	**435**	**3**	**2444**	**-**	**-**	**14140**	**25740**	**-**	**2572626**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	5430	-	-	360	2531	1607	16916	2546	605	31313
From other sources	-	-	1683	-	-	-	-	-	-	-
Imports	62530	-	6134	160	-	2224	451	1795	414	3008
Exports	-710	-	-546	-14	-	-230	-8615	-18	-316	-8875
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-114
Intl. aviation bunkers	-	-	-	-	-	-	-	-3188	-	-
Stock changes	-88	-	-607	2	-	29	-84	-350	174	-897
DOMESTIC SUPPLY	**67162**	**-**	**6664**	**508**	**2531**	**3630**	**8668**	**785**	**877**	**24435**
Transfers	-	-	-	-	-	-	475	-	-	-

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	7407	3712	1018	5501	281000	578	97300	79740	282038	223527
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	309	1461	1179	708	71848	1634	-	-	50846	-
Exports	-4073	-1209	-2	-3317	-1131	..	-	-	-4465	-
Intl. marine bunkers	-2120	-	-	-36	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	927	36	-165	329	-	-	-	-	-	-
DOMESTIC SUPPLY	**2450**	**4000**	**2030**	**3185**	**351717**	**2212**	**97300**	**79740**	**328419**	**223527**
Transfers	-	-475	-	..	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	40192	-	-	314996	555290	-	120336
From other sources	-	-	-	-	435	-	-	3624	-	-	76141
Imports	51061	137008	-	-	3337	-	-	-	-	-	4898459
Exports	-	-1	-	-	-500	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-42	-	-	-	-	-	-3004
DOMESTIC SUPPLY	**51061**	**137007**	**-**	**-**	**43422**	**-**	**-**	**318620**	**555290**	**-**	**5091932**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	332	-1862	-	-	-157 e	-	-	-1	1	-	79387
TRANSFORMATION	**51390**	**117188**	**-**	**-**	**34341**	**-**	**-**	**71324**	**255899**	**-**	**3589611**
Electricity plants	-	101841	-	-	2	-	-	71324	255899	-	3573682
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	15929
Blast furnaces	14204 e	-	-	-	34339 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	37186	15347	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**895**	**-**	**-**	**3663**	**-**	**-**	**62386**	**63105**	**-**	**185905**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	9711
Elec., CHP and heat plants	-	895	-	-	-	-	-	10	2	-	126589
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	3663	-	-	62376	63103	-	49605
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**3**	**17062**	**-**	**-**	**5261**	**-**	**-**	**184909**	**236287**	**-**	**1395803**
INDUSTRY	**3**	**17060**	**-**	**-**	**4008**	**-**	**-**	**184741**	**236287**	**-**	**650534**
Iron and steel	3 e	3238	-	-	1919 e	-	-	159235	229782	-	111306
Chemical and petrochemical	-	4081	-	-	1091	-	-	20028	3373	-	80086
Non-ferrous metals	-	59	-	-	381	-	-	-	908	-	9777
Non-metallic minerals	-	7071	-	-	372	-	-	5478	2224	-	45281
Transport equipment	-	-	-	-	132	-	-	-	-	-	14863
Machinery	-	8	-	-	103	-	-	-	-	-	93420
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	5084
Food and tobacco	-	-	-	-	9	-	-	-	-	-	140881
Paper, pulp and print	-	2603	-	-	1	-	-	-	-	-	39159
Wood and wood products	-	-	-	-	-	-	-	-	-	-	1353
Construction	-	-	-	-	-	-	-	-	-	-	1866
Textile and leather	-	-	-	-	-	-	-	-	-	-	36612
Non-specified	-	-	-	-	-	-	-	-	-	-	70846
TRANSPORT	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3666**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	3666
Rail	-	2	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**799**	**-**	**-**	**-**	**-**	**-**	**724438**
Residential	-	-	-	-	-	-	-	-	-	-	410469
Comm. and public services	-	-	-	-	799	-	-	-	-	-	313904
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	62
Fishing	-	-	-	-	-	-	-	-	-	-	3
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**454**	**-**	**-**	**168**	**-**	**-**	**17165**
in industry/transf./energy	-	-	-	-	454	-	-	168	-	-	17165
of which: chem./petrochem.	-	-	-	-	*384*	-	-	*67*	-	-	*17165*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	224	261	-	-	7796	4242	39365	12054	13237	45670
From other sources	-	-	4561	-	-	-	-	-	-	-
Imports	158705	6665	-	-	-	11645	1107	467	1115	570
Exports	-	-	-	-	-	-46	-2211	-2144	-579	-7475
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-91
Intl. aviation bunkers	-	-	-	-	-	-	-	-6026	-	-
Stock changes	2575	-	774	-	-	-216	48	-87	-13	-233
DOMESTIC SUPPLY	**161504**	**6926**	**5335**	**-**	**7796**	**15625**	**38309**	**4264**	**13760**	**38441**
Transfers	-	-	-1105	-	-	-367	81	-20	-262	27
Statistical differences	-2115	-	-	-	-240	-95	614	-60	23	-1012
TRANSFORMATION	**159363**	**6704**	**4230**	**-**	**1299**	**2693**	**-**	**-**	**139**	**725**
Electricity plants	5783	1	-	-	1299	480	-	-	139	725
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	153580	6703	4230	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	1029	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	1184	-	-	-	-
ENERGY IND. OWN USE	**2**	**-**	**-**	**-**	**6257**	**42**	**-**	**-**	**-**	**38**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	6257	40	-	-	-	6
Elec., CHP and heat plants	2	-	-	-	-	2	-	-	-	32
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**24**	**222**	**-**	**-**	**-**	**12428**	**39004**	**4184**	**13382**	**36693**
INDUSTRY	**24**	**1**	**-**	**-**	**-**	**1151**	**-**	**-**	**1218**	**8022**
Iron and steel	-	-	-	-	-	256	-	-	92	229
Chemical and petrochemical	24	1	-	-	-	370	-	-	106	525
Non-ferrous metals	-	-	-	-	-	15	-	-	33	208
Non-metallic minerals	-	-	-	-	-	83	-	-	82	843
Transport equipment	-	-	-	-	-	6	-	-	32	72
Machinery	-	-	-	-	-	113	-	-	224	331
Mining and quarrying	-	-	-	-	-	-	-	-	4	350
Food and tobacco	-	-	-	-	-	153	-	-	177	1363
Paper, pulp and print	-	-	-	-	-	23	-	-	19	358
Wood and wood products	-	-	-	-	-	1	-	-	30	92
Construction	-	-	-	-	-	49	-	-	245	1972
Textile and leather	-	-	-	-	-	29	-	-	55	622
Non-specified	-	-	-	-	-	53	-	-	119	1057
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**1000**	**39004**	**3222**	**-**	**21211**
Domestic aviation	-	-	-	-	-	-	-	3222	-	-
Road	-	-	-	-	-	1000	39004	-	-	20059
Rail	-	-	-	-	-	-	-	-	-	178
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	974
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**6699**	**-**	**962**	**11540**	**7318**
Residential	-	-	-	-	-	4048	-	-	7015	-
Comm. and public services	-	-	-	-	-	2645	-	962	4477	6621
Agriculture/forestry	-	-	-	-	-	5	-	-	45	137
Fishing	-	-	-	-	-	1	-	-	3	560
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**221**	**-**	**-**	**-**	**3578**	**-**	**-**	**624**	**142**
in industry/transf./energy	-	221	-	-	-	3578	-	-	624	142
of which: chem./petrochem.	-	*221*	-	-	-	*3578*	-	-	*624*	*142*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	18119	13404	1177	7751	358853	-	-	108257 e	1040676	21952
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	4241	19770	5064	211	-	-	-	-	-	-
Exports	-1685	-10	-42	-808	-	-	-	-	-	-
Intl. marine bunkers	-3371	-	-	-12	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	159	-87	2	-9	-	-	-	-	-	-
DOMESTIC SUPPLY	**17463**	**33077**	**6201**	**7133**	**358853**	**-**	**-**	**108257**	**1040676**	**21952**
Transfers	-38	586	-2	1100	-	-	-	-	-	-
Statistical differences	725	-1896	-1344	33	626	-	-	-465	11341	1965
TRANSFORMATION	**11543**	**3533**	**1541**	**1218**	**261836**	**-**	**-**	**66823**	**1077**	**-**
Electricity plants	11541	1	914	1117	261309	-	-	61690 e	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	2	-	-	-	-	-	-	-	1077	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	627	101	-	-	-	5133	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	3532	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	527 e	-	-	-	-	-
ENERGY IND. OWN USE	**935**	**21**	**-**	**152**	**-**	**-**	**-**	**-**	**54039**	**1015**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	873	21	-	152	-	-	-	-	10908	-
Elec., CHP and heat plants	62	-	-	-	-	-	-	-	33797	1015
Pumped storage plants	-	-	-	-	-	-	-	-	6861 e	-
Other energy ind. own use	-	-	-	-	-	-	-	-	2473	-
Losses	-	-	-	-	-	-	-	-	45414	-
FINAL CONSUMPTION	**5672**	**28213**	**3314**	**6896**	**97643**	**-**	**-**	**40969**	**951487**	**22902**
INDUSTRY	**2902**	**5153**	**2750**	**1352**	**96794**	**-**	**-**	**40969**	**295623**	**-**
Iron and steel	159	-	1072	-	-	-	-	2155	65797	-
Chemical and petrochemical	819	5153	876	1127	-	-	-	5198	48854	-
Non-ferrous metals	75	-	2	38	-	-	-	786	8575	-
Non-metallic minerals	1066	-	730	149	-	-	-	21566	21865	-
Transport equipment	-	-	-	-	-	-	-	-	22378	-
Machinery	-	-	-	38	-	-	-	-	40302	-
Mining and quarrying	-	-	-	-	-	-	-	-	1753	-
Food and tobacco	81	-	-	-	-	-	-	-	23566	-
Paper, pulp and print	429	-	70	-	96794	-	-	11264	28862	-
Wood and wood products	-	-	-	-	-	-	-	-	15114	-
Construction	-	-	-	-	-	-	-	-	6986	-
Textile and leather	255	-	-	-	-	-	-	-	3221	-
Non-specified	18	-	-	-	-	-	-	-	8350	-
TRANSPORT	**2282**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**17826**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	17826	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	2282	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**35**	**849**	**-**	**-**	**-**	**638038**	**22902**
Residential	-	-	-	-	849	-	-	-	273938	1170
Comm. and public services	-	-	-	-	-	-	-	-	340634	21732
Agriculture/forestry	-	-	-	17	-	-	-	-	2394	-
Fishing	-	-	-	18	-	-	-	-	373	-
Non-specified	-	-	-	-	-	-	-	-	20699 e	-
NON-ENERGY USE	**488**	**23060**	**564**	**5509**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	488	23060	564	4228	-	-	-	-	-	-
of which: chem./petrochem.	*488*	*23060*	*507*	*192*	-	-	-	-	-	-
in transport	-	-	-	757	-	-	-	-	-	-
in other	-	-	-	524	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	39956	-	-	305748	535657	-	120569
From other sources	-	-	-	-	356	-	-	3303	-	-	65907
Imports	50306	141244	-	-	2732	-	-	-	-	-	4595880
Exports	-	-2	-	-	-787	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	40	-	-	-	-	-	-150
DOMESTIC SUPPLY	**50306**	**141242**	**-**	**-**	**42297**	**-**	**-**	**309051**	**535657**	**-**	**4782206**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	207	242	-	-	8158	4287	40292	12332	12826	45824
From other sources	-	-	4700	-	-	-	-	-	-	-
Imports	161607	6499	-	-	-	10566	847	617	729	504
Exports	-	-	-	-	-	-46	-2948	-2643	-397	-8647
Intl. marine bunkers	-	-	-	-	-	-	-	-	-40	-83
Intl. aviation bunkers	-	-	-	-	-	-	-	-6043	-	-
Stock changes	636	-	576	-	-	-1136	7	13	139	285
DOMESTIC SUPPLY	**162450**	**6741**	**5276**	**-**	**8158**	**13671**	**38198**	**4276**	**13257**	**37883**
Transfers	-	-	-1105	-	-	-367	81	-20	-262	27

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	17165	14008	1164	7700	370566	-	-	107340	1014931	21310
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	3171	21164	4894	245	-	-	-	-	-	-
Exports	-2188	-15	-49	-843	-	-	-	-	-	-
Intl. marine bunkers	-3771	-	-	-7	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-11	-51	1	-79	-	-	-	-	-	-
DOMESTIC SUPPLY	**14366**	**35106**	**6010**	**7016**	**370566**	**-**	**-**	**107340**	**1014931**	**21310**
Transfers	-38	586	-2	1100	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	1748	-	-	19099	1629	-	146697	258566	-	13425
From other sources	-	-	-	-	-	-	-	-	-	-	6
Imports	33176	92991	4865	-	405	-	-	-	-	-	2047587
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	1608	543	-	-	-	-	-	-	-	-	-54274
DOMESTIC SUPPLY	**34784**	**95282**	**4865**	**-**	**19504**	**1629**	**-**	**146697**	**258566**	**-**	**2006744**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	1285	-5506	-	-	171	-	-	-10	1	-	-29608
TRANSFORMATION	**34614**	**82364**	**4865**	**-**	**15170**	**-**	**-**	**38166**	**148518**	**-**	**936900**
Electricity plants	-	75007	4865	-	-	-	-	21188	69266	-	698059
CHP plants	-	5728	-	-	-	-	-	16978	79252	-	235787
Heat plants	-	-	-	-	-	-	-	-	-	-	3054
Blast furnaces	7372 e	-	-	-	15170 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	27242	1629	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**35960**	**100563**	**-**	**6682**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	35960	100563	-	6682
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**1455**	**7412**	**-**	**-**	**4505**	**1629**	**-**	**72561**	**9486**	**-**	**1033554**
INDUSTRY	**1455**	**7412**	**-**	**-**	**3859**	**-**	**-**	**72561**	**9486**	**-**	**410590**
Iron and steel	1455 e	1819	-	-	3454 e	-	-	72561	9486	-	74076
Chemical and petrochemical	-	248	-	-	-	-	-	-	-	-	127722
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	11416
Non-metallic minerals	-	4855	-	-	-	-	-	-	-	-	26282
Transport equipment	-	-	-	-	-	-	-	-	-	-	31019
Machinery	-	-	-	-	-	-	-	-	-	-	46800
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	37	-	-	-	-	-	-	-	-	31357
Paper, pulp and print	-	41	-	-	-	-	-	-	-	-	13923
Wood and wood products	-	-	-	-	-	-	-	-	-	-	3284
Construction	-	-	-	-	-	-	-	-	-	-	356
Textile and leather	-	82	-	-	-	-	-	-	-	-	15982
Non-specified	-	330	-	-	405	-	-	-	-	-	28373
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**56390**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	56390
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**1629**	**-**	**-**	**-**	**-**	**566574**
Residential	-	-	-	-	-	1629	-	-	-	-	387042
Comm. and public services	-	-	-	-	-	-	-	-	-	-	179387
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	145
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**646**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	646	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	*646*	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	27	-	-	755	4077	2099	16359	17053	2330	42111
From other sources	-	-	8409	-	-	-	-	-	-	-
Imports	125058	-	793	46	-	5344	-	1	13	831
Exports	-	-	-134	-	-	-114	-8575	-11831	-570	-23345
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-885
Intl. aviation bunkers	-	-	-	-	-	-	-	-4033	-	-
Stock changes	-575	-	19	-16	-	-174	-245	120	-269	521
DOMESTIC SUPPLY	**124510**	**-**	**9087**	**785**	**4077**	**7155**	**7539**	**1310**	**1504**	**19233**
Transfers	-	-	-1392	-646	257	627	746	113	345	624
Statistical differences	96	-	-794	-139	-	-337	327	8	304	35
TRANSFORMATION	**124606**	**-**	**6901**	**-**	**-**	**63**	**-**	**-**	**91**	**122**
Electricity plants	-	-	-	-	-	-	-	-	91	121
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	124606	-	6901	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	63	-	-	-	1
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**4334**	**87**	**-**	**-**	**1**	**19**
Fuel mining and extraction	-	-	-	-	-	47	-	-	1	19
Oil refineries	-	-	-	-	4334	40	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**7295**	**8612**	**1431**	**2061**	**19751**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**599**	**-**	**-**	**142**	**1307**
Iron and steel	-	-	-	-	-	61	-	-	-	6
Chemical and petrochemical	-	-	-	-	-	-	-	-	21	45
Non-ferrous metals	-	-	-	-	-	8	-	-	2	3
Non-metallic minerals	-	-	-	-	-	10	-	-	4	123
Transport equipment	-	-	-	-	-	18	-	-	5	145
Machinery	-	-	-	-	-	19	-	-	19	100
Mining and quarrying	-	-	-	-	-	2	-	-	2	58
Food and tobacco	-	-	-	-	-	15	-	-	8	10
Paper, pulp and print	-	-	-	-	-	4	-	-	2	5
Wood and wood products	-	-	-	-	-	-	-	-	1	4
Construction	-	-	-	-	-	8	-	-	16	676
Textile and leather	-	-	-	-	-	2	-	-	12	9
Non-specified	-	-	-	-	-	452	-	-	50	123
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**3525**	**8612**	**960**	**2**	**15559**
Domestic aviation	-	-	-	-	-	-	-	960	-	6
Road	-	-	-	-	-	3525	8612	-	2	15354
Rail	-	-	-	-	-	-	-	-	-	122
Pipeline transport	-	-	-	-	-	-	-	-	-	1
Domestic navigation	-	-	-	-	-	-	-	-	-	76
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**1511**	**-**	**471**	**1917**	**2885**
Residential	-	-	-	-	-	745	-	-	1332	556
Comm. and public services	-	-	-	-	-	744	-	33	374	442
Agriculture/forestry	-	-	-	-	-	2	-	-	103	604
Fishing	-	-	-	-	-	2	-	-	-	693
Non-specified	-	-	-	-	-	18	-	438	108	590
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**1660**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	1660	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*1660*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	8133	25658	327	10486	87847	534	9330	115399	550933	207544
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	7839	24201	-	11	-	-	-	-	-	-
Exports	-2024	-4159	-5	-6562	-	-	-	-	-	-
Intl. marine bunkers	-7444	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-9	-148	-11	-168	-	-5	-	-	-	-
DOMESTIC SUPPLY	**6495**	**45552**	**311**	**3767**	**87847**	**529**	**9330**	**115399**	**550933**	**207544**
Transfers	-1598	1587	-	-663	-	-	-	-	-	-
Statistical differences	-348	1262	338	791	1	16	-	-2	-6047	-9142
TRANSFORMATION	**1808**	**9439**	**340**	**293**	**10119**	**176**	**5573**	**40584**	**-**	**-**
Electricity plants	1500	197	50	55	1629	176	4228	3631	-	-
CHP plants	152	879	290	192	2984	-	1271	8602	-	-
Heat plants	156	-	-	-	5506	-	74	28351	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	8363	-	46	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**1197**	**-**	**188**	**-**	**-**	**-**	**-**	**-**	**39782**	**4591**
Fuel mining and extraction	24	-	-	-	-	-	-	-	-	-
Oil refineries	1173	-	188	-	-	-	-	-	12212	1438
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	20926	3153
Pumped storage plants	-	-	-	-	-	-	-	-	6644	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	18270	2966 e
FINAL CONSUMPTION	**1544**	**38962**	**121**	**3602**	**77729**	**369**	**3757**	**74813**	**486834**	**190845**
INDUSTRY	**1197**	**-**	**103**	**-**	**42274**	**-**	**1404**	**62368**	**259606**	**105177**
Iron and steel	19	-	-	-	-	-	-	564	55426	1187
Chemical and petrochemical	483	-	-	-	1514	-	643	756	47716	67448
Non-ferrous metals	18	-	-	-	-	-	-	-	8714	258
Non-metallic minerals	217	-	103	-	86	-	-	33486	11667	273
Transport equipment	96	-	-	-	316	-	-	794	24014	11
Machinery	34	-	-	-	56	-	-	-	73248	1971
Mining and quarrying	7	-	-	-	7	-	-	-	1571	-
Food and tobacco	46	-	-	-	1129	-	659	901	10175	5655
Paper, pulp and print	19	-	-	-	21884	-	66	13971	9995	10806
Wood and wood products	4	-	-	-	4520	-	-	94	1932	340
Construction	32	-	-	-	-	-	-	193	-	19
Textile and leather	52	-	-	-	2196	-	-	1318	12324	16629
Non-specified	170	-	-	-	10566	-	36	10291	2824	580
TRANSPORT	**64**	**-**	**-**	**-**	**-**	**369**	**-**	**-**	**2003**	**-**
Domestic aviation	2	-	-	-	-	-	-	-	-	-
Road	7	-	-	-	-	369	-	-	-	-
Rail	-	-	-	-	-	-	-	-	2003	-
Pipeline transport	1	-	-	-	-	-	-	-	-	-
Domestic navigation	54	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**283**	**-**	**-**	**-**	**35455**	**-**	**2353**	**12445**	**225225**	**85668**
Residential	58	-	-	-	950	-	-	-	62928	72394
Comm. and public services	173	-	-	-	34341	-	2353	12445	148741	13274
Agriculture/forestry	25	-	-	-	164	-	-	-	10780	-
Fishing	17	-	-	-	-	-	-	-	2776	-
Non-specified	10	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**38962**	**18**	**3602**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	38962	-	3111	-	-	-	-	-	-
of which: chem./petrochem.	-	*38962*	-	*1809*	-	-	-	-	-	-
in transport	-	-	-	455	-	-	-	-	-	-
in other	-	-	18	36	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	1764	-	-	19920	1472	-	169752	279492	-	7854
From other sources	-	-	-	-	-	-	-	-	-	-	3
Imports	37027	91234	6824	-	388	-	-	-	-	-	1811665
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	1845	610	-	-	-	-	-	-	-	-	10889
DOMESTIC SUPPLY	**38872**	**93608**	**6824**	**-**	**20308**	**1472**	**-**	**169752**	**279492**	**-**	**1830411**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	17	-	-	650	4544	2186	17799	19205	2545	45031
From other sources	-	-	10136	-	-	-	-	-	-	-
Imports	140452	-	486	79	-	5261	45	-	2	266
Exports	-	-	-315	-6	-	-106	-9273	-13482	-488	-23017
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-1316
Intl. aviation bunkers	-	-	-	-	-	-	-	-4349	-	-
Stock changes	-2086	-	-111	-8	-	192	-98	41	-76	-521
DOMESTIC SUPPLY	**138383**	**-**	**10196**	**715**	**4544**	**7533**	**8473**	**1415**	**1983**	**20443**
Transfers	-	-	-2402	-715	168	705	523	69	333	240

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	8424	29407	360	10254	89308	641	9837	120749	548693	206189
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	6991	23295	-	18	-	-	-	-	-	-
Exports	-1572	-5436	-6	-6876	-	-	-	-	-	-
Intl. marine bunkers	-7984	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-84	26	10	37	-	-	-	-	-	-
DOMESTIC SUPPLY	**5775**	**47292**	**364**	**3433**	**89308**	**641**	**9837**	**120749**	**548693**	**206189**
Transfers	-827	2125	-	-219	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	190
Imports	-	85	-	-	1	4	-	-	-	-	39224
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**85**	**-**	**-**	**1**	**4**	**-**	**-**	**-**	**-**	**39414**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**13960**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	13871
Heat plants	-	-	-	-	-	-	-	-	-	-	89
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**85**	**-**	**-**	**1**	**4**	**-**	**-**	**-**	**-**	**25454**
INDUSTRY	**-**	**85**	**-**	**-**	**1**	**4**	**-**	**-**	**-**	**-**	**10256**
Iron and steel	-	11	-	-	1	-	-	-	-	-	6321
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	740
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	c
Non-metallic minerals	-	74	-	-	-	-	-	-	-	-	1342
Transport equipment	-	-	-	-	-	-	-	-	-	-	35
Machinery	-	-	-	-	-	-	-	-	-	-	53
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	2
Food and tobacco	-	-	-	-	-	-	-	-	-	-	196
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	201
Wood and wood products	-	-	-	-	-	-	-	-	-	-	126
Construction	-	-	-	-	-	4	-	-	-	-	124
Textile and leather	-	-	-	-	-	-	-	-	-	-	589
Non-specified	-	-	-	-	-	-	-	-	-	-	527
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**15198**
Residential	-	-	-	-	-	-	-	-	-	-	10463 e
Comm. and public services	-	-	-	-	-	-	-	-	-	-	4735
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	9	305	394	-	1894
Exports	-	-	-	-	-	-1	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-394	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-14
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**8**	**305**	**-**	**-**	**1880**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	1
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**8**	**305**	**-**	**-**	**1881**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**11**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	5
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	1
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	1
Food and tobacco	-	-	-	-	-	-	-	-	-	1
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	2
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	1
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**1**	**305**	**-**	**-**	**1663**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	1	305	-	-	1659
Rail	-	-	-	-	-	-	-	-	-	4
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**7**	**-**	**-**	**-**	**207**
Residential	-	-	-	-	-	-	-	-	-	145
Comm. and public services	-	-	-	-	-	7	-	-	-	43
Agriculture/forestry	-	-	-	-	-	-	-	-	-	19
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	2756	-	701	1786	2967	3587
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	8	35	203	80	-	-	6961	-
Exports	-	-	-	-4	-272	-	-	-	-2067	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**8**	**31**	**2687**	**80**	**701**	**1786**	**7861**	**3587**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	12	-1
TRANSFORMATION	**-**	**-**	**-**	**-**	**648**	**-**	**555**	**1146**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	1146	-	-
CHP plants	-	-	-	-	525	-	384	-	-	-
Heat plants	-	-	-	-	123	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	171	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1525**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	29	-
Pumped storage plants	-	-	-	-	-	-	-	-	1496	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	120	-
FINAL CONSUMPTION	**-**	**-**	**8**	**31**	**2039**	**80**	**146**	**640**	**6228**	**3586**
INDUSTRY	**-**	**-**	**-**	**-**	**1116**	**-**	**-**	**640**	**3175**	**566**
Iron and steel	-	-	-	-	-	-	-	-	1548	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	456	272
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	243	-	-	640	258	-
Transport equipment	-	-	-	-	-	-	-	-	13	-
Machinery	-	-	-	-	-	-	-	-	102	-
Mining and quarrying	-	-	-	-	-	-	-	-	13	-
Food and tobacco	-	-	-	-	-	-	-	-	160	2
Paper, pulp and print	-	-	-	-	-	-	-	-	42	1
Wood and wood products	-	-	-	-	873	-	-	-	13	-
Construction	-	-	-	-	-	-	-	-	139	-
Textile and leather	-	-	-	-	-	-	-	-	119	282
Non-specified	-	-	-	-	-	-	-	-	312	9
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**80**	**-**	**-**	**123**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	80	-	-	-	-
Rail	-	-	-	-	-	-	-	-	123	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**923**	**-**	**146**	**-**	**2930**	**3020**
Residential	-	-	-	-	899	-	-	-	942	-
Comm. and public services	-	-	-	-	24	-	38	-	1948	3020
Agriculture/forestry	-	-	-	-	-	-	108	-	40	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**8**	**31**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	8	23	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	8	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Luxembourg: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	222
Imports	-	73	-	-	1	10	-	-	-	-	35771
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**73**	**-**	**-**	**1**	**10**	**-**	**-**	**-**	**-**	**35993**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	9	285	427	-	1806
Exports	-	-	-	-	-	-1	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-428	-	-
Stock changes	-	-	-	-	-	-	2	1	-	20
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**8**	**287**	**-**	**-**	**1826**
Transfers	-	-	-	-	-	-	-	-	-	-

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	-	-	-	..	1996	-	598	2005	2736	2173
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	-	-	8	27	1273	95	-	-	7519	-
Exports	-	-	-	..	-899	-	-	-	-1919	-
Intl. marine bunkers	-	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-	-	-	..	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**8**	**27**	**2370**	**95**	**598**	**2005**	**8336**	**2173**
Transfers	-	-	-	..	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	1882	70	12834	601	2383	-	-	16502 e	21826	-	1733745
From other sources	-	-	-	-	-	-	-	-	-	-	24208
Imports	2027 e	5491 e	-	3	501	3	-	-	-	-	1099188
Exports	-	-4	-	-	-	-	-	-	-	-	-1796
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	19	1	-411	-19	-	-	-	-	-	-	-15596
DOMESTIC SUPPLY	**3928**	**5558**	**12423**	**585**	**2884**	**3**	**-**	**16502**	**21826**	**-**	**2839749**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-358 e	116 e	-	-	-1	-	-	-	-	-	-88451
TRANSFORMATION	**3186**	**5577**	**10038**	**-**	**1912**	**-**	**-**	**486**	**4620**	**-**	**1484833**
Electricity plants	-	5577 e	10038	-	-	-	-	486	4620	-	1300865
CHP plants	-	-	-	-	-	-	-	-	-	-	183968
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	1912 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	3186	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**134**	**-**	**-**	**-**	**15278**	**-**	**627717**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	476652
Oil refineries	-	-	-	-	-	-	-	-	-	-	122873
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	134	-	-	-	15278	-	28192
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**384**	**97**	**2385**	**585**	**837**	**3**	**-**	**16016**	**1928**	**-**	**638748**
INDUSTRY	**384**	**97**	**2385**	**585**	**684**	**3**	**-**	**16016**	**1928**	**-**	**557037**
Iron and steel	-	-	-	-	684 e	-	-	16016 e	1928	-	115676
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	151421
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	309	-	-	-	-	-	-	-	56320
Transport equipment	-	-	-	-	-	-	-	-	-	-	2633
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	6437
Food and tobacco	-	-	-	-	-	-	-	-	-	-	14373
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	29879
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	384	97	2076	585	-	3	-	-	-	-	180298
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**773**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	773
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**50955**
Residential	-	-	-	-	-	-	-	-	-	-	38807
Comm. and public services	-	-	-	-	-	-	-	-	-	-	12148
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**153**	**-**	**-**	**-**	**-**	**-**	**29983**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	29983
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*29983*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	153	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	125472	10217	-	397	3282	828	17581	2436	-	19489
From other sources	251	-	62	-	-	-	-	-	-	-
Imports	-	-	-	454	-	2893	14891	563	-	6588
Exports	-59823	-	-	-	-	-18	-	-	-	-107
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-720
Intl. aviation bunkers	-	-	-	-	-	-	-	-3046	-	-
Stock changes	-706	-	-	-	-	-15	-27	39	-	38
DOMESTIC SUPPLY	**65194**	**10217**	**62**	**851**	**3282**	**3688**	**32445**	**-8**	**-**	**25288**
Transfers	-	-7801	1023	-	-	7572	-	-44	44	-
Statistical differences	-95	-	154	-1	-	842	-11	66	-	-4881
TRANSFORMATION	**65099**	**2416**	**1239**	**850**	**-**	**808**	**-**	**-**	**-**	**497**
Electricity plants	-	-	-	-	-	1	-	-	-	427
CHP plants	-	-	-	-	-	106	-	-	-	70
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	65099	2416	1239	850	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	701	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**3282**	**-**	**-**	**-**	**-**	**727**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	3282	-	-	-	-	727
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**11294**	**32434**	**14**	**44**	**19183**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**947**	**-**	**-**	**-**	**1462**
Iron and steel	-	-	-	-	-	-	-	-	-	26
Chemical and petrochemical	-	-	-	-	-	21	-	-	-	159
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	3	-	-	-	10
Transport equipment	-	-	-	-	-	-	-	-	-	22
Machinery	-	-	-	-	-	13	-	-	-	-
Mining and quarrying	-	-	-	-	-	230	-	-	-	116
Food and tobacco	-	-	-	-	-	46	-	-	-	88
Paper, pulp and print	-	-	-	-	-	9	-	-	-	32
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	242
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	625	-	-	-	767
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**1125**	**32434**	**14**	**-**	**14909**
Domestic aviation	-	-	-	-	-	-	-	14	-	-
Road	-	-	-	-	-	1125	32434	-	-	13562
Rail	-	-	-	-	-	-	-	-	-	619
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	728
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**6798**	**-**	**-**	**44**	**2812**
Residential	-	-	-	-	-	5353	-	-	44	-
Comm. and public services	-	-	-	-	-	1318	-	-	-	104
Agriculture/forestry	-	-	-	-	-	127	-	-	-	2708
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**2424**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	2424	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*2394*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	14742	3646	3018	1697	363107	-	1939	861	301496	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	740	760	2509	-	-	-	-	-	2124	-
Exports	-7325	-2553	-64	-	-	-	-	-	-2653	-
Intl. marine bunkers	-93	-	-	-1	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	134	-	-36	15	-	-	-	-	-	-
DOMESTIC SUPPLY	**8198**	**1853**	**5427**	**1711**	**363107**	**-**	**1939**	**861**	**300967**	**-**
Transfers	-	-794	-	-	-	-	-	-	-	-
Statistical differences	1056	22	-625	112	1	-	-	-	8580	-
TRANSFORMATION	**7426**	**62**	**1228**	**-**	**71283**	**-**	**1939**	**861**	**-**	**-**
Electricity plants	7169	-	1228	-	62918	-	678	222	-	-
CHP plants	257	-	-	-	8365	-	1261	639	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	62	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**1358**	**-**	**-**	**132**	**-**	**-**	**-**	**-**	**16005**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	2695	-
Oil refineries	1358	-	-	132	-	-	-	-	1864	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	11446	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	41322	-
FINAL CONSUMPTION	**470**	**1019**	**3574**	**1691**	**291825**	**-**	**-**	**-**	**252220**	**-**
INDUSTRY	**457**	**22**	**3574**	**-**	**37708**	**-**	**-**	**-**	**142326**	**-**
Iron and steel	45	-	28	-	-	-	-	-	5515	-
Chemical and petrochemical	61	-	18	-	-	-	-	-	6902	-
Non-ferrous metals	-	-	-	-	-	-	-	-	837	-
Non-metallic minerals	65	-	3519	-	-	-	-	-	10350	-
Transport equipment	-	-	-	-	-	-	-	-	2369	-
Machinery	-	-	7	-	-	-	-	-	-	-
Mining and quarrying	45	-	-	-	-	-	-	-	9542	-
Food and tobacco	91	-	-	-	32000	-	-	-	2004	-
Paper, pulp and print	126	-	-	-	-	-	-	-	2938	-
Wood and wood products	-	-	-	-	-	-	-	-	69	-
Construction	-	-	-	-	-	-	-	-	512	-
Textile and leather	-	-	-	-	-	-	-	-	69	-
Non-specified	24	22	2	-	5708	-	-	-	101219	-
TRANSPORT	**13**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1130**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	1130	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	13	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**254117**	**-**	**-**	**-**	**108764**	**-**
Residential	-	-	-	-	254117	-	-	-	53914	-
Comm. and public services	-	-	-	-	-	-	-	-	22944	-
Agriculture/forestry	-	-	-	-	-	-	-	-	10028	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	21878	-
NON-ENERGY USE	**-**	**997**	**-**	**1691**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	997	-	1691	-	-	-	-	-	-
of which: chem./petrochem.	-	*935*	-	*117*	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Mexico: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	3113	73	11543	540	1919	-	-	14770	19512	-	1626858
From other sources	-	-	-	-	-	-	-	-	-	-	23295
Imports	1783	5463	458	4	701	3	-	-	-	-	1397467
Exports	-	-3	-	-	-	-	-	-	-	-	-4455
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	65	2	674	32	-	-	-	-	-	-	40279
DOMESTIC SUPPLY	**4961**	**5535**	**12675**	**576**	**2620**	**3**	**-**	**14770**	**19512**	**-**	**3083444**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	117002	9219	-	321	3139	670	15787	2183	-	18162
From other sources	61	-	58	-	-	-	-	-	-	-
Imports	-	-	-	492	-	3490	17228	1085	-	7271
Exports	-61195	-	-	-	-	-	-	-	-	-339
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-761
Intl. aviation bunkers	-	-	-	-	-	-	-	-3227	-	-
Stock changes	354	-	-	-	-	27	143	-38	-	-187
DOMESTIC SUPPLY	**56222**	**9219**	**58**	**813**	**3139**	**4187**	**33158**	**3**	**-**	**24146**
Transfers	-	-6868	737	-	-	6673	-	-62	62	-

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	13500	3125	3059	1235	359843	-	1961	475	307419	-
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	901	519	2505	..	-	-	-	-	2443	-
Exports	-7213	-2375	-64	..	-	-	-	-	-9160	-
Intl. marine bunkers	-78	-	-	-1	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	142	-	-15	-12	-	-	-	-	-	-
DOMESTIC SUPPLY	**7252**	**1269**	**5485**	**1222**	**359843**	**-**	**1961**	**475**	**300702**	**-**
Transfers	-	-542	-	..	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	2103	-	-	18096	36188	-	2332717
From other sources	-	-	-	-	-	-	-	-	-	-	10324
Imports	4445	42816	-	41	500	25	-	-	-	-	970952
Exports	-	-31256	-	-	-608	-	-	-	-	-	-1958572
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-134	-1261	-	-10	60	-	-	-	-	-	-3659
DOMESTIC SUPPLY	**4311**	**10299**	**-**	**31**	**2055**	**25**	**-**	**18096**	**36188**	**-**	**1351762**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	1	-1	-1	-	-	-	-	-9607
TRANSFORMATION	**4228**	**10264**	**-**	**-**	**1845**	**-**	**-**	**1965**	**24677**	**-**	**433700**
Electricity plants	-	7566	-	-	-	-	-	1790	15603	-	149470
CHP plants	-	2698	-	-	-	-	-	175	9074	-	274026
Heat plants	-	-	-	-	-	-	-	-	-	-	10204
Blast furnaces	1321 e	-	-	-	1845 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	2907	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**7054**	**1384**	**-**	**73559**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	28273
Oil refineries	-	-	-	-	-	-	-	-	-	-	44054
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	1232
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	7054	1384	-	-
Losses	-	-	-	-	-	-	-	-	-	-	1934
FINAL CONSUMPTION	**83**	**35**	**-**	**32**	**209**	**24**	**-**	**9077**	**10127**	**-**	**832962**
INDUSTRY	**77**	**35**	**-**	**32**	**153**	**21**	**-**	**9077**	**10127**	**-**	**211321**
Iron and steel	77 e	-	-	-	118 e	-	-	9077	10127	-	12352
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	73911
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	2406
Non-metallic minerals	-	-	-	24	33	-	-	-	-	-	18815
Transport equipment	-	-	-	-	-	-	-	-	-	-	2292
Machinery	-	-	-	-	-	-	-	-	-	-	11085
Mining and quarrying	-	-	-	8	-	-	-	-	-	-	2952
Food and tobacco	-	35	-	-	-	-	-	-	-	-	60067
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	13845
Wood and wood products	-	-	-	-	-	-	-	-	-	-	1128
Construction	-	-	-	-	2	-	-	-	-	-	4527
Textile and leather	-	-	-	-	-	-	-	-	-	-	2530
Non-specified	-	-	-	-	-	21	-	-	-	-	5411
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1417**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	1417
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**-**	**-**	**-**	**528329**
Residential	-	-	-	-	-	1	-	-	-	-	297449
Comm. and public services	-	-	-	-	-	2	-	-	-	-	134327
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	96362
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	191
NON-ENERGY USE	**6**	**-**	**-**	**-**	**56**	**-**	**-**	**-**	**-**	**-**	**91895**
in industry/transf./energy	6	-	-	-	56	-	-	-	-	-	91895
of which: chem./petrochem.	-	-	-	-	*34*	-	-	-	-	-	*91842*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	1525	369	-	138	2052	1632	6334	7003	382	20652
From other sources	-	-	3303	-	-	-	-	-	-	-
Imports	47480	6868	-	665	-	4823	9495	2614	189	15403
Exports	-614	-80	-	-390	-	-1629	-18879	-6103	-371	-27755
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-1342
Intl. aviation bunkers	-	-	-	-	-	-	-	-3481	-	-
Stock changes	1388	-88	-	25	-	-38	-116	38	14	145
DOMESTIC SUPPLY	**49779**	**7069**	**3303**	**438**	**2052**	**4788**	**-3166**	**71**	**214**	**7103**
Transfers	-	-382	983	-351	2530	-97	6782	-24	-91	-377
Statistical differences	-	-	-	-	-	-2	1	-3	-1	-4
TRANSFORMATION	**49779**	**3685**	**4286**	**87**	**982**	**900**	**-**	**-**	**38**	**68**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	411	-	-	-	-	68
Heat plants	-	-	-	-	409	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	49779	2754	4286	87	-	-	-	-	-	-
Petrochemical plants	-	931	-	-	-	900	-	-	38	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	162	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**1559**	**2**	**-**	**-**	**-**	**4**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	4
Oil refineries	-	-	-	-	1559	2	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**3002**	**-**	**-**	**2041**	**3787**	**3617**	**44**	**84**	**6650**
INDUSTRY	**-**	**-**	**-**	**-**	**2041**	**14**	**-**	**-**	**-**	**444**
Iron and steel	-	-	-	-	-	-	-	-	-	4
Chemical and petrochemical	-	-	-	-	2041	6	-	-	-	1
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	1	-	-	-	7
Transport equipment	-	-	-	-	-	-	-	-	-	5
Machinery	-	-	-	-	-	4	-	-	-	4
Mining and quarrying	-	-	-	-	-	-	-	-	-	8
Food and tobacco	-	-	-	-	-	1	-	-	-	4
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	1	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	410
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	1	-	-	-	1
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**204**	**3617**	**10**	**-**	**5619**
Domestic aviation	-	-	-	-	-	-	-	10	-	-
Road	-	-	-	-	-	204	3617	-	-	5291
Rail	-	-	-	-	-	-	-	-	-	27
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	301
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**49**	**-**	**34**	**6**	**587**
Residential	-	-	-	-	-	22	-	-	6	7
Comm. and public services	-	-	-	-	-	6	-	-	-	79
Agriculture/forestry	-	-	-	-	-	21	-	-	-	330
Fishing	-	-	-	-	-	-	-	-	-	130
Non-specified	-	-	-	-	-	-	-	34	-	41
NON-ENERGY USE	**-**	**3002**	**-**	**-**	**-**	**3520**	**-**	**-**	**78**	**-**
in industry/transf./energy	-	3002	-	-	-	3520	-	-	78	-
of which: chem./petrochem.	-	*3002*	-	-	-	*3520*	-	-	*74*	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	8501	7144	414	2401	54014	1720	13094	61576	103418	147157
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	35081	15123	1030	3269	7169	185	-	15617	32855	-
Exports	-29470	-11028	-1100	-3765	-12881	-1512	-	-2627	-18128	-
Intl. marine bunkers	-11777	-	-	-20	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-118	-257	2	-70	-	85	-	-	-	-
DOMESTIC SUPPLY	**2217**	**10982**	**346**	**1815**	**48302**	**478**	**13094**	**74566**	**118145**	**147157**
Transfers	-2175	-5726	-39	-670	-	-	-	-	-	-
Statistical differences	4	-2	-1	-5	-	-	-	-	-1345	-1475
TRANSFORMATION	**1**	**1341**	**-**	**169**	**22077**	**-**	**8121**	**70843**	**-**	**17051**
Electricity plants	-	-	-	-	15174	-	637	-	-	-
CHP plants	1	-	-	76	6481	-	5532	70843	-	-
Heat plants	-	-	-	-	422	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	1341	-	93	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	1952	-	-	17051
ENERGY IND. OWN USE	**5**	**-**	**272**	**20**	**-**	**-**	**-**	**-**	**10236**	**16411**
Fuel mining and extraction	-	-	-	-	-	-	-	-	2603	-
Oil refineries	5	-	272	20	-	-	-	-	2660	15055
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	4644	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	329	1356
Losses	-	-	-	-	-	-	-	-	4934	3125
FINAL CONSUMPTION	**40**	**3913**	**34**	**951**	**26225**	**478**	**4973**	**3723**	**101630**	**109095**
INDUSTRY	**5**	**-**	**-**	**5**	**4484**	**15**	**1056**	**-**	**33289**	**87850**
Iron and steel	-	-	-	-	-	-	-	-	2704	6
Chemical and petrochemical	-	-	-	5	-	-	-	-	12213	78780
Non-ferrous metals	-	-	-	-	-	-	-	-	1630	30
Non-metallic minerals	5	-	-	-	-	-	-	-	1167	-
Transport equipment	-	-	-	-	-	-	-	-	548	3
Machinery	-	-	-	-	-	-	-	-	2853	94
Mining and quarrying	-	-	-	-	-	-	-	-	201	-
Food and tobacco	-	-	-	-	-	-	751	-	6338	4519
Paper, pulp and print	-	-	-	-	-	-	219	-	2303	4169
Wood and wood products	-	-	-	-	1003	-	-	-	197	31
Construction	-	-	-	-	90	15	-	-	867	-
Textile and leather	-	-	-	-	-	-	-	-	338	169
Non-specified	-	-	-	-	3391	-	86	-	1930	49
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**449**	**-**	**-**	**1716**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	448	-	-	70	-
Rail	-	-	-	-	-	1	-	-	1646	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**33**	**-**	**-**	**-**	**21741**	**14**	**3917**	**3723**	**66625**	**21245**
Residential	-	-	-	-	18381	-	-	-	22896	10918
Comm. and public services	-	-	-	-	484	-	1903	3723	35506	6141
Agriculture/forestry	-	-	-	-	2387	14	2014	-	8127	4186
Fishing	33	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	489	-	-	-	96	-
NON-ENERGY USE	**2**	**3913**	**34**	**946**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	2	3913	34	822	-	-	-	-	-	-
of which: chem./petrochem.	*1*	*3913*	*34*	*540*	-	-	-	-	-	-
in transport	-	-	-	56	-	-	-	-	-	-
in other	-	-	-	68	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	2126	-	-	18361	37486	-	1775823
From other sources	-	-	-	-	-	-	-	-	-	-	7860
Imports	3876	52935	-	26	380	25	-	-	-	-	1262428
Exports	-	-36214	-	-5	-608	-	-	-	-	-	-1698051
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	605	-3106	-	21	74	-	-	-	-	-	-33420
DOMESTIC SUPPLY	**4481**	**13615**	**-**	**42**	**1972**	**25**	**-**	**18361**	**37486**	**-**	**1314640**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	1396	403	-	132	2289	1734	5419	7535	548	22215
From other sources	-	-	3633	-	-	-	-	-	-	-
Imports	52286	6471	-	648	-	4068	10015	3075	189	15966
Exports	-291	-31	-	-338	-	-1729	-20351	-6629	-537	-26258
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-1965
Intl. aviation bunkers	-	-	-	-	-	-	-	-3637	-	-
Stock changes	-580	-138	-	-19	-	-76	-79	-272	20	-2130
DOMESTIC SUPPLY	**52811**	**6705**	**3633**	**423**	**2289**	**3997**	**-4996**	**72**	**220**	**7828**
Transfers	-34	56	-17	-196	2530	-31	8778	-11	-111	-936

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	8402	8801	414	2327	58243	1629	13780	60181	110003	140938
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	38799	15037	1030	5225	4709	228	-	15617	30761	-
Exports	-34938	-11996	-1100	-4480	-12881	-1449	-	-2627	-22012	-
Intl. marine bunkers	-11434	-	-	-23	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-714	365	-	-122	-	14	-	-	-	-
DOMESTIC SUPPLY	**115**	**12207**	**344**	**2927**	**50071**	**422**	**13780**	**73171**	**118752**	**140938**
Transfers	-82	-7452	-39	-2092	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	1760	189	1712	317	503	-	-	4460	7121	-	204030
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	30	441	-	-	-	-	-	-	-	-
Exports	-1719	-	-22	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-41	-11	216	-2	-	-	-	-	-	-	367
DOMESTIC SUPPLY	**-**	**208**	**2347**	**315**	**503**	**-**	**-**	**4460**	**7121**	**-**	**204397**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	7	-18	-65	-2	-	-	-	-	1	-	5327
TRANSFORMATION	**-**	**-**	**1508**	**12**	**503**	**-**	**-**	**2007**	**5482**	**-**	**58909**
Electricity plants	-	-	612	-	-	-	-	-	-	-	42050
CHP plants	-	-	4	12	-	-	-	2007	5482	-	16845
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	503	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	892	-	-	-	-	-	-	-	14
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**76**	**-**	**-**	**-**	**-**	**1784**	**343**	**-**	**9890**
Fuel mining and extraction	-	-	76	-	-	-	-	-	-	-	5720
Oil refineries	-	-	-	-	-	-	-	-	-	-	4170
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	1784	343	-	-
Losses	-	-	-	-	-	-	-	-	269	-	828
FINAL CONSUMPTION	**7**	**190**	**698**	**301**	**-**	**-**	**-**	**669**	**1028**	**-**	**140097**
INDUSTRY	**6**	**188**	**571**	**281**	**-**	**-**	**-**	**669**	**1028**	**-**	**63846**
Iron and steel	-	-	-	-	-	-	-	669	1028	-	3440
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	35832
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	122	-	-	-	-	-	-	-	-	1665
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	741
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	51
Food and tobacco	6	3	540	280	-	-	-	-	-	-	15831
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	3677
Wood and wood products	-	-	28	1	-	-	-	-	-	-	1448
Construction	-	-	-	-	-	-	-	-	-	-	446
Textile and leather	-	-	3	-	-	-	-	-	-	-	557
Non-specified	-	63	-	-	-	-	-	-	-	-	158
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**22**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	22
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**1**	**2**	**127**	**20**	**-**	**-**	**-**	**-**	**-**	**-**	**16901**
Residential	-	-	9	10	-	-	-	-	-	-	6557
Comm. and public services	1	-	44	9	-	-	-	-	-	-	8712
Agriculture/forestry	-	2	74	1	-	-	-	-	-	-	1632
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**59328**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	59328
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*59328*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	1770	219	-	-	279	-	1269	968	-	1996
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	4959	-	193	-	-	1	1089	150	-	765
Exports	-1679	-7	-	-	-	-56	-	-	-	-6
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-52
Intl. aviation bunkers	-	-	-	-	-	-	-	-791	-	-
Stock changes	-24	-1	4	-	-	1	21	7	-	7
DOMESTIC SUPPLY	**5026**	**211**	**197**	**-**	**279**	**-54**	**2379**	**334**	**-**	**2710**
Transfers	-	-211	-	-	-	210	4	-1	1	-6
Statistical differences	14	-	1	-	-	-4	-128	-78	-	47
TRANSFORMATION	**5040**	**-**	**198**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	5040	-	198	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**279**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	279	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**152**	**2255**	**255**	**1**	**2751**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**61**	**2**	**-**	**1**	**324**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	72
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	1	82
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	61	2	-	-	170
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**8**	**2216**	**255**	**-**	**1958**
Domestic aviation	-	-	-	-	-	-	-	255	-	-
Road	-	-	-	-	-	8	2216	-	-	1854
Rail	-	-	-	-	-	-	-	-	-	45
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	59
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**83**	**37**	**-**	**-**	**469**
Residential	-	-	-	-	-	58	-	-	-	2
Comm. and public services	-	-	-	-	-	24	5	-	-	80
Agriculture/forestry	-	-	-	-	-	1	29	-	-	303
Fishing	-	-	-	-	-	-	3	-	-	84
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	512	-	-	184	45113	4	2902	-	43553	850
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	6	-	121	124	-	2	-	-	-	-
Exports	-202	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-231	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-15	-	-	9	-	-	-	-	-	-
DOMESTIC SUPPLY	**70**	**-**	**121**	**317**	**45113**	**6**	**2902**	**-**	**43553**	**850**
Transfers	-	-	-	3	-	-	-	-	-	-
Statistical differences	-10	-	-6	-4	-	-	-1	-	-161	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**3961**	**-**	**2648**	**-**	**-**	**850**
Electricity plants	-	-	-	-	-	-	1927	-	-	850
CHP plants	-	-	-	-	3961	-	721	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**37**	**-**	**-**	**-**	**-**	**1909**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	125	-
Oil refineries	-	-	-	37	-	-	-	-	316	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	1314	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	154	-
Losses	-	-	-	-	-	-	-	-	2847	-
FINAL CONSUMPTION	**60**	**-**	**115**	**279**	**41152**	**6**	**253**	**-**	**38636**	**-**
INDUSTRY	**1**	**-**	**-**	**-**	**35407**	**-**	**39**	**-**	**13875**	**-**
Iron and steel	-	-	-	-	-	-	-	-	547	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	424	-
Non-ferrous metals	-	-	-	-	-	-	-	-	6042	-
Non-metallic minerals	-	-	-	-	-	-	-	-	402	-
Transport equipment	-	-	-	-	-	-	-	-	21	-
Machinery	-	-	-	-	-	-	-	-	135	-
Mining and quarrying	-	-	-	-	-	-	-	-	322	-
Food and tobacco	-	-	-	-	-	-	39	-	2319	-
Paper, pulp and print	-	-	-	-	-	-	-	-	1283	-
Wood and wood products	-	-	-	-	35407	-	-	-	1351	-
Construction	-	-	-	-	-	-	-	-	349	-
Textile and leather	-	-	-	-	-	-	-	-	103	-
Non-specified	1	-	-	-	-	-	-	-	577	-
TRANSPORT	**55**	**-**	**-**	**-**	**-**	**6**	**-**	**-**	**62**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	6	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	55	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	62	-
OTHER	**4**	**-**	**-**	**-**	**5745**	**-**	**214**	**-**	**24699**	**-**
Residential	-	-	-	-	5745	-	-	-	12362	-
Comm. and public services	-	-	-	-	-	-	214	-	9353	-
Agriculture/forestry	-	-	-	-	-	-	-	-	2665	-
Fishing	4	-	-	-	-	-	-	-	51	-
Non-specified	-	-	-	-	-	-	-	-	268	-
NON-ENERGY USE	**-**	**-**	**115**	**279**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	115	279	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	1334	66	1672	324	504	-	-	4708	7285	-	188928
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	31	405	-	-	-	-	-	-	-	-
Exports	-1326	-	-43	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	20	6	347	3	-	-	-	-	-	-	2117
DOMESTIC SUPPLY	**28**	**103**	**2381**	**327**	**504**	**-**	**-**	**4708**	**7285**	**-**	**191045**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	1856	206	-	-	286	-	1446	1072	-	2157
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	5122	-	205	-	-	4	1033	68	-	735
Exports	-1735	-9	-	-	-	-40	-58	-	-	-21
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-44
Intl. aviation bunkers	-	-	-	-	-	-	-	-797	-	-
Stock changes	140	1	3	-	-	2	20	-6	-	-12
DOMESTIC SUPPLY	**5383**	**198**	**208**	**-**	**286**	**-34**	**2441**	**337**	**-**	**2815**
Transfers	-	-198	-	-	-	198	-	-1	1	-

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	485	-	-	160	45461	4	2853	-	44196	1316
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	-	-	105	150	-	1	-	-	-	-
Exports	-128	-	-	..	-	-	-	-	-	-
Intl. marine bunkers	-279	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-16	-	17	-3	-	-	-	-	-	-
DOMESTIC SUPPLY	**62**	**-**	**122**	**307**	**45461**	**5**	**2853**	**-**	**44196**	**1316**
Transfers	-	-	-	..	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	1675	-	-	-	-	-	-	3541	-	4418921
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	761	-	-	455	-	-	-	-	-	-
Exports	-	-1608	-	-	-	-	-	-	-	-	-4189149
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-25	-	-	2	-	-	-	-	-	8
DOMESTIC SUPPLY	**-**	**803**	**-**	**-**	**457**	**-**	**-**	**-**	**3541**	**-**	**229780**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	17	-	-	-118	-	-	-	-	-	7951
TRANSFORMATION	**-**	**130**	**-**	**-**	**206**	**-**	**-**	**-**	**619**	**-**	**16623**
Electricity plants	-	-	-	-	-	-	-	-	610	-	16098
CHP plants	-	25	-	-	-	-	-	-	-	-	c
Heat plants	-	-	-	-	-	-	-	-	9	-	525
Blast furnaces	-	105	-	-	206	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**177018**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	177009
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	9
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**690**	**-**	**-**	**133**	**-**	**-**	**-**	**2922**	**-**	**44090**
INDUSTRY	**-**	**610**	**-**	**-**	**133**	**-**	**-**	**-**	**2922**	**-**	**12186**
Iron and steel	-	230	-	-	61	-	-	-	2006	-	41
Chemical and petrochemical	-	280	-	-	58	-	-	-	754	-	4857
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	1807
Non-metallic minerals	-	100	-	-	14	-	-	-	162	-	2152
Transport equipment	-	-	-	-	-	-	-	-	-	-	56
Machinery	-	-	-	-	-	-	-	-	-	-	164
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	184
Food and tobacco	-	-	-	-	-	-	-	-	-	-	1977
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	654
Wood and wood products	-	-	-	-	-	-	-	-	-	-	116
Construction	-	-	-	-	-	-	-	-	-	-	26
Textile and leather	-	-	-	-	-	-	-	-	-	-	26
Non-specified	-	-	-	-	-	-	-	-	-	-	126
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5622**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	729
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	4893
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2174**
Residential	-	-	-	-	-	-	-	-	-	-	177
Comm. and public services	-	-	-	-	-	-	-	-	-	-	859
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	588
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	550
NON-ENERGY USE	**-**	**80**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**24108**
in industry/transf./energy	-	80	-	-	-	-	-	-	-	-	24108
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*24108*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	75691	9517	-	59	431	366	3299	577	40	6236
From other sources	-	-	52	-	-	-	-	-	-	-
Imports	1221	-	-	-	-	225	166	385	150	1113
Exports	-64072	-	-	-	-	-5984	-2138	-12	-115	-2761
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-68
Intl. aviation bunkers	-	-	-	-	-	-	-	-491	-	-
Stock changes	301	-	-	-	-	18	65	48	9	-38
DOMESTIC SUPPLY	**13141**	**9517**	**52**	**59**	**431**	**-5375**	**1392**	**507**	**84**	**4482**
Transfers	-	-8512	819	-	-	7114	-	-	-	-
Statistical differences	-484	-	-	-	-14	-428	-486	-76	-52	-90
TRANSFORMATION	**12657**	**1005**	**871**	**59**	**-**	**53**	**-**	**-**	**-**	**12**
Electricity plants	-	-	-	-	-	-	-	-	-	4
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	4	-	-	-	7
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	12657	1005	871	59	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	49	-	-	-	1
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**417**	**-**	**-**	**-**	**-**	**256**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	255
Oil refineries	-	-	-	-	417	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	1
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**1258**	**906**	**431**	**32**	**4124**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**366**	**-**	**-**	**-**	**326**
Iron and steel	-	-	-	-	-	6	-	-	-	6
Chemical and petrochemical	-	-	-	-	-	272	-	-	-	24
Non-ferrous metals	-	-	-	-	-	15	-	-	-	4
Non-metallic minerals	-	-	-	-	-	24	-	-	-	17
Transport equipment	-	-	-	-	-	4	-	-	-	4
Machinery	-	-	-	-	-	3	-	-	-	10
Mining and quarrying	-	-	-	-	-	1	-	-	-	58
Food and tobacco	-	-	-	-	-	19	-	-	-	46
Paper, pulp and print	-	-	-	-	-	-	-	-	-	1
Wood and wood products	-	-	-	-	-	-	-	-	-	7
Construction	-	-	-	-	-	19	-	-	-	137
Textile and leather	-	-	-	-	-	1	-	-	-	1
Non-specified	-	-	-	-	-	2	-	-	-	11
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**2**	**884**	**399**	**-**	**3083**
Domestic aviation	-	-	-	-	-	-	-	399	-	-
Road	-	-	-	-	-	2	845	-	-	2529
Rail	-	-	-	-	-	-	-	-	-	13
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	39	-	-	541
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**16**	**22**	**32**	**32**	**715**
Residential	-	-	-	-	-	8	16	-	28	45
Comm. and public services	-	-	-	-	-	8	-	-	3	149
Agriculture/forestry	-	-	-	-	-	-	-	-	-	131
Fishing	-	-	-	-	-	-	6	-	1	348
Non-specified	-	-	-	-	-	-	-	32	-	42
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**874**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	874	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*873*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	1688	1572	191	-	35191	4	969	18689	142327	26026
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1186	156	399	514	882	149	-	-	6347	-
Exports	-1573	-2645	-93	-21	-727	-	-	-	-21932	-
Intl. marine bunkers	-78	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	14	77	-13	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**1237**	**-840**	**484**	**493**	**35346**	**153**	**969**	**18689**	**126742**	**26026**
Transfers	-819	1398	-	-	-	-	-	-	-	-
Statistical differences	-365	-558	-	6	-	-	-161	-	-	-
TRANSFORMATION	**1**	**-**	**-**	**1**	**5160**	**4**	**363**	**17889**	**867**	**5478**
Electricity plants	-	-	-	-	80	-	75	103	-	5478
CHP plants	-	-	-	-	-	-	18	12700	-	-
Heat plants	-	-	-	-	5080	4	270	5086	867	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	1	-	-	1	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8880**	**29**
Fuel mining and extraction	-	-	-	-	-	-	-	-	6600	-
Oil refineries	-	-	-	-	-	-	-	-	507	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	707	29
Pumped storage plants	-	-	-	-	-	-	-	-	1029	-
Other energy ind. own use	-	-	-	-	-	-	-	-	37	-
Losses	-	-	-	-	-	-	-	-	8586	3687
FINAL CONSUMPTION	**52**	**-**	**484**	**498**	**30186**	**149**	**445**	**800**	**108409**	**16832**
INDUSTRY	**6**	**-**	**30**	**-**	**9546**	**-**	**86**	**800**	**45334**	**2114**
Iron and steel	-	-	17	-	112	-	-	-	5318	6
Chemical and petrochemical	-	-	-	-	2722	-	-	244	7707	534
Non-ferrous metals	-	-	-	-	-	-	-	-	19659	26
Non-metallic minerals	-	-	13	-	919	-	-	556	1006	16
Transport equipment	-	-	-	-	3	-	-	-	605	112
Machinery	-	-	-	-	4	-	-	-	1377	140
Mining and quarrying	-	-	-	-	-	-	-	-	605	5
Food and tobacco	-	-	-	-	172	-	-	-	3029	746
Paper, pulp and print	6	-	-	-	2449	-	86	-	3570	290
Wood and wood products	-	-	-	-	2876	-	-	-	675	225
Construction	-	-	-	-	188	-	-	-	1277	-
Textile and leather	-	-	-	-	1	-	-	-	96	1
Non-specified	-	-	-	-	100	-	-	-	410	13
TRANSPORT	**31**	**-**	**-**	**-**	**-**	**149**	**92**	**-**	**762**	**-**
Domestic aviation	31	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	149	92	-	65	-
Rail	-	-	-	-	-	-	-	-	697	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**15**	**-**	**1**	**-**	**20640**	**-**	**267**	**-**	**62313**	**14718**
Residential	-	-	-	-	18977	-	-	-	37124	3599
Comm. and public services	3	-	1	-	1475	-	267	-	23186	11105
Agriculture/forestry	-	-	-	-	188	-	-	-	1802	14
Fishing	12	-	-	-	-	-	-	-	201	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**453**	**498**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	453	498	-	-	-	-	-	-
of which: chem./petrochem.	-	-	*22*	*19*	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Norway: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	1103	-	-	-	-	-	-	3765	-	4772975
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	693	-	-	427	-	-	-	-	-	-
Exports	-	-1124	-	-	-	-	-	-	-	-	-4503118
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	100	-	-	2	-	-	-	-	-	981
DOMESTIC SUPPLY	**-**	**772**	**-**	**-**	**429**	**-**	**-**	**-**	**3765**	**-**	**270838**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	77144	9822	-	59	461	462	3991	685	81	6592
From other sources	-	-	51	-	-	-	-	-	-	-
Imports	1250	-	-	-	-	222	239	392	158	1456
Exports	-64072	-	-	-	-	-5859	-2804	-37	-417	-3428
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-77
Intl. aviation bunkers	-	-	-	-	-	-	-	-507	-	-
Stock changes	-38	-	-	-	-	-74	-109	-10	5	-110
DOMESTIC SUPPLY	**14284**	**9822**	**51**	**59**	**461**	**-5249**	**1317**	**523**	**-173**	**4433**
Transfers	-	-8785	1522	-	-	7097	-	-	-	-

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	1892	1706	214	..	39990	5	579	18423	145021	27372
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	1573	86	387	480	1809	165	-	-	7371	-
Exports	-1455	-2616	-140	-50	-600	-5	-	-	-22015	-
Intl. marine bunkers	-42	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-16	-24	1	..	-	-	-	-	-	-
DOMESTIC SUPPLY	**1952**	**-848**	**462**	**430**	**41199**	**165**	**579**	**18423**	**130377**	**27372**
Transfers	-1522	1688	-	..	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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Poland

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	12288	60252	-	63877	9952	3	-	77504	32245	-	173349
From other sources	-	731	-	-	-	-	44	-	-	-	-
Imports	2404	8013	-	176	195	84	-	-	-	-	451673
Exports	-2141	-6815	-	-303	-7037	-8	-	-	-	-	-2880
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-1	-1172	-	95	164	-	-	-	-	-	1432
DOMESTIC SUPPLY	**12550**	**61009**	**-**	**63845**	**3274**	**79**	**44**	**77504**	**32245**	**-**	**623574**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	548	-982	-	55	52	-	-1	-	-	-	-1462
TRANSFORMATION	**13032**	**42341**	**-**	**63206**	**2517**	**-**	**-**	**19766**	**19006**	**-**	**83409**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	40	37577	-	63175	-	-	-	19325	18994	-	47736
Heat plants	86	4764	-	31	1	-	-	441	12	-	10061
Blast furnaces	184	-	-	-	2227	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	12722	-	-	-	68	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	221	-	-	-	-	-	25612
ENERGY IND. OWN USE	**63**	**35**	**-**	**27**	**-**	**-**	**1**	**44775**	**-**	**-**	**53212**
Fuel mining and extraction	-	25	-	23	-	-	-	132	-	-	11772
Oil refineries	-	7	-	2	-	-	-	-	-	-	39003
Elec., CHP and heat plants	-	1	-	2	-	-	-	2	-	-	28
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	63	2	-	-	-	-	1	44641	-	-	2409
Losses	-	-	-	-	-	-	-	-	-	-	1259
FINAL CONSUMPTION	**3**	**17651**	**-**	**667**	**809**	**79**	**42**	**12963**	**13239**	**-**	**484232**
INDUSTRY	**3**	**5058**	**-**	**57**	**560**	**2**	**-**	**12962**	**13239**	**-**	**148779**
Iron and steel	1	111	-	-	340	-	-	10015	11962	-	17885
Chemical and petrochemical	-	2055	-	-	105	-	-	717	-	-	16111
Non-ferrous metals	-	4	-	-	6	-	-	57	1275	-	7722
Non-metallic minerals	-	1017	-	43	88	-	-	2168	-	-	45414
Transport equipment	-	28	-	-	-	-	-	-	-	-	4376
Machinery	-	63	-	-	2	-	-	5	2	-	9793
Mining and quarrying	-	15	-	-	1	-	-	-	-	-	1107
Food and tobacco	2	1077	-	-	16	-	-	-	-	-	27882
Paper, pulp and print	-	499	-	-	-	-	-	-	-	-	7771
Wood and wood products	-	68	-	-	-	-	-	-	-	-	2253
Construction	-	5	-	12	2	2	-	-	-	-	1353
Textile and leather	-	20	-	1	-	-	-	-	-	-	1863
Non-specified	-	96	-	1	-	-	-	-	-	-	5249
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**16826**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	16826
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**12441**	**-**	**610**	**212**	**77**	**42**	**1**	**-**	**-**	**222739**
Residential	-	9900	-	400	170	-	40	-	-	-	146220
Comm. and public services	-	1041	-	50	20	-	2	1	-	-	74921
Agriculture/forestry	-	1500	-	160	22	77	-	-	-	-	1598
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**152**	**-**	**-**	**37**	**-**	**-**	**-**	**-**	**-**	**95888**
in industry/transf./energy	-	104	-	-	37	-	-	-	-	-	95888
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*95734*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	48	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	951	-	-	-	603	560	3627	1156	-	10616
From other sources	542	-	669	-	-	-	-	-	-	-
Imports	23713	-	76	79	-	2032	371	27	1	1435
Exports	-420	-	-	-	-	-225	-672	-554	-	-968
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-75
Intl. aviation bunkers	-	-	-	-	-	-	-	-569	-	-
Stock changes	-112	-	-	-	-	-8	56	-33	-	99
DOMESTIC SUPPLY	**24674**	**-**	**745**	**79**	**603**	**2359**	**3382**	**27**	**1**	**11107**
Transfers	-	-	74	-	-	-9	-	-	-	-
Statistical differences	64	-	-	-	-	99	-11	-	-	143
TRANSFORMATION	**24738**	**-**	**819**	**79**	**109**	**47**	**-**	**-**	**-**	**39**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	26	-	-	-	-	11
Heat plants	-	-	-	-	-	-	-	-	-	10
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	1	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	24738	-	819	79	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	83	46	-	-	-	18
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**286**	**3**	**-**	**-**	**-**	**34**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	26
Oil refineries	-	-	-	-	286	3	-	-	-	1
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	7
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**208**	**2399**	**3371**	**27**	**1**	**11177**
INDUSTRY	**-**	**-**	**-**	**-**	**208**	**65**	**4**	**1**	**-**	**286**
Iron and steel	-	-	-	-	-	1	-	-	-	2
Chemical and petrochemical	-	-	-	-	208	3	-	-	-	57
Non-ferrous metals	-	-	-	-	-	-	-	-	-	4
Non-metallic minerals	-	-	-	-	-	9	-	-	-	30
Transport equipment	-	-	-	-	-	3	-	1	-	12
Machinery	-	-	-	-	-	9	1	-	-	18
Mining and quarrying	-	-	-	-	-	1	-	-	-	60
Food and tobacco	-	-	-	-	-	21	-	-	-	35
Paper, pulp and print	-	-	-	-	-	2	-	-	-	4
Wood and wood products	-	-	-	-	-	2	-	-	-	11
Construction	-	-	-	-	-	3	2	-	-	31
Textile and leather	-	-	-	-	-	1	-	-	-	9
Non-specified	-	-	-	-	-	10	1	-	-	13
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**1587**	**3366**	**26**	**-**	**8851**
Domestic aviation	-	-	-	-	-	-	-	26	-	-
Road	-	-	-	-	-	1587	3366	-	-	8758
Rail	-	-	-	-	-	-	-	-	-	89
Pipeline transport	-	-	-	-	-	-	-	-	-	1
Domestic navigation	-	-	-	-	-	-	-	-	-	3
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**631**	**1**	**-**	**1**	**2040**
Residential	-	-	-	-	-	490	-	-	-	70
Comm. and public services	-	-	-	-	-	81	-	-	-	340
Agriculture/forestry	-	-	-	-	-	60	1	-	-	1630
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	1	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**116**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	116	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*116*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	3659	1557	-	3043	258723	882	8671	23092	159059	276887
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	72	-	26	849	33086	211	-	-	13508	-
Exports	-2893	-348	-	-1455	-8974	-237	-	-	-11342	-
Intl. marine bunkers	-73	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	18	1	-	-23	-	-2	-	-	-	-
DOMESTIC SUPPLY	**783**	**1210**	**26**	**2414**	**282835**	**854**	**8671**	**23092**	**161225**	**276887**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-15	-30	-	25	-	-	1	-	-	-
TRANSFORMATION	**289**	**336**	**-**	**186**	**96989**	**-**	**5732**	**829**	**-**	**1240**
Electricity plants	-	-	-	-	-	-	-	-	-	1240
CHP plants	281	-	-	-	95277	-	5718	614	-	-
Heat plants	8	-	-	-	1712	-	14	215	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	336	-	186	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**367**	**-**	**-**	**30**	**39**	**-**	**-**	**2**	**25112**	**26006**
Fuel mining and extraction	-	-	-	-	39	-	-	1	6305	3793
Oil refineries	367	-	-	30	-	-	-	-	951	1530
Elec., CHP and heat plants	-	-	-	-	-	-	-	1	13845	8733
Pumped storage plants	-	-	-	-	-	-	-	-	822	-
Other energy ind. own use	-	-	-	-	-	-	-	-	3189	11950
Losses	-	-	-	-	-	-	-	-	10250	21600
FINAL CONSUMPTION	**112**	**844**	**26**	**2223**	**185807**	**854**	**2940**	**22261**	**125863**	**228041**
INDUSTRY	**100**	**-**	**1**	**3**	**54491**	**-**	**354**	**22030**	**48059**	**23704**
Iron and steel	-	-	-	-	1	-	-	-	6015	1587
Chemical and petrochemical	10	-	-	-	103	-	8	1082	8633	3397
Non-ferrous metals	2	-	-	-	-	-	-	-	2088	1337
Non-metallic minerals	17	-	1	-	724	-	-	20759	4509	1055
Transport equipment	-	-	-	-	2	-	-	-	2537	1896
Machinery	-	-	-	1	93	-	-	2	4397	2493
Mining and quarrying	-	-	-	1	4	-	-	-	2387	2457
Food and tobacco	25	-	-	-	747	-	241	-	5744	2119
Paper, pulp and print	32	-	-	-	26987	-	105	125	4228	2701
Wood and wood products	1	-	-	-	20391	-	-	7	1967	2441
Construction	10	-	-	1	81	-	-	-	754	507
Textile and leather	1	-	-	-	5	-	-	-	540	550
Non-specified	2	-	-	-	5353	-	-	55	4260	1164
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**854**	**-**	**-**	**3007**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	854	-	-	19	-
Rail	-	-	-	-	-	-	-	-	2700	-
Pipeline transport	-	-	-	-	-	-	-	-	288	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**12**	**-**	**-**	**-**	**131316**	**-**	**2586**	**231**	**74797**	**204337**
Residential	-	-	-	-	105450	-	-	-	28083	163000
Comm. and public services	-	-	-	-	6556	-	2258	231	45214	40437
Agriculture/forestry	12	-	-	-	19310	-	328	-	1499	900
Fishing	-	-	-	-	-	-	-	-	1	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**844**	**25**	**2220**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	844	25	1909	-	-	-	-	-	-
of which: chem./petrochem.	-	*844*	-	*724*	-	-	-	-	-	-
in transport	-	-	-	113	-	-	-	-	-	-
in other	-	-	-	198	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Poland: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	12915	59204	-	63128	10170	3	-	80724	32923	-	171329
From other sources	-	510	-	-	-	-	5	-	-	-	-
Imports	2692	5515	-	252	100	50	-	-	-	-	464822
Exports	-2303	-6883	-	-198	-6852	-9	-	-	-	-	-2112
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	83	-40	-	-163	-84	-	-	-	-	-	6790
DOMESTIC SUPPLY	**13387**	**58306**	**-**	**63019**	**3334**	**44**	**5**	**80724**	**32923**	**-**	**640829**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	928	-	-	1	522	574	3976	1095	-	11724
From other sources	606	-	742	-	-	-	-	-	-	-
Imports	26492	-	62	69	-	2030	258	40	1	1970
Exports	-254	-	-	-	-	-215	-764	-489	-	-1780
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-118
Intl. aviation bunkers	-	-	-	-	-	-	-	-613	-	-
Stock changes	-1058	-	-	-	-	8	22	-6	-	171
DOMESTIC SUPPLY	**26714**	**-**	**804**	**70**	**522**	**2397**	**3492**	**27**	**1**	**11967**
Transfers	-	-	85	-	-	-14	-	-	-	-11

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	3844	1909	-	3623	271294	1069	9180	23148	164830	278571
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	1	-	14	785	34777	278	-	-	14459	-
Exports	-2741	-521	-	-1747	-12984	-422	-	-	-14793	-
Intl. marine bunkers	-48	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-10	1	-	5	-	-87	-	-	-	-
DOMESTIC SUPPLY	**1046**	**1389**	**14**	**2666**	**293087**	**838**	**9180**	**23148**	**164496**	**278571**
Transfers	-	-	-	..	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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Portugal

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	4371	-	-	-	-	-	-	-	-	161638
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	141	-	-	-	-	-	-	-	-	-58
DOMESTIC SUPPLY	**-**	**4512**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**161580**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	1	-	-	-	-	-	-	-	-	400
TRANSFORMATION	**-**	**4508**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**83302**
Electricity plants	-	4508	-	-	-	-	-	-	-	-	13019
CHP plants	-	-	-	-	-	-	-	-	-	-	59583
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	10700
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6488**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	6488
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	190
FINAL CONSUMPTION	**-**	**5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**72000**
INDUSTRY	**-**	**5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**49162**
Iron and steel	-	1	-	-	-	-	-	-	-	-	2203
Chemical and petrochemical	-	4	-	-	-	-	-	-	-	-	6609
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	601
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	19833
Transport equipment	-	-	-	-	-	-	-	-	-	-	694
Machinery	-	-	-	-	-	-	-	-	-	-	1517
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	236
Food and tobacco	-	-	-	-	-	-	-	-	-	-	5796
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	4194
Wood and wood products	-	-	-	-	-	-	-	-	-	-	420
Construction	-	-	-	-	-	-	-	-	-	-	609
Textile and leather	-	-	-	-	-	-	-	-	-	-	6114
Non-specified	-	-	-	-	-	-	-	-	-	-	336
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**563**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	563
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**22275**
Residential	-	-	-	-	-	-	-	-	-	-	12009
Comm. and public services	-	-	-	-	-	-	-	-	-	-	10043
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	197
Fishing	-	-	-	-	-	-	-	-	-	-	26
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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Portugal

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	19	198	1924	976	-	4865
From other sources	72	-	192	-	-	-	-	-	-	-
Imports	10543	-	1514	110	-	824	151	109	1	696
Exports	-	-	-157	-	-	-39	-976	-1	-	-1295
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-58
Intl. aviation bunkers	-	-	-	-	-	-	-	-961	-	-
Stock changes	249	-	36	-	-	-8	-21	44	-	90
DOMESTIC SUPPLY	**10864**	**-**	**1585**	**110**	**19**	**975**	**1078**	**167**	**1**	**4298**
Transfers	-	-	107	-	-	-	-	-	-	-
Statistical differences	-	-	-4	-	-	20	11	-19	-	38
TRANSFORMATION	**10864**	**-**	**1688**	**110**	**19**	**-**	**-**	**-**	**-**	**20**
Electricity plants	-	-	-	-	-	-	-	-	-	20
CHP plants	-	-	-	-	19	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	10864	-	1688	110	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**5**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	5	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**990**	**1089**	**148**	**1**	**4316**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**60**	**-**	**-**	**-**	**158**
Iron and steel	-	-	-	-	-	1	-	-	-	2
Chemical and petrochemical	-	-	-	-	-	2	-	-	-	3
Non-ferrous metals	-	-	-	-	-	2	-	-	-	-
Non-metallic minerals	-	-	-	-	-	4	-	-	-	20
Transport equipment	-	-	-	-	-	2	-	-	-	3
Machinery	-	-	-	-	-	12	-	-	-	2
Mining and quarrying	-	-	-	-	-	1	-	-	-	27
Food and tobacco	-	-	-	-	-	18	-	-	-	24
Paper, pulp and print	-	-	-	-	-	2	-	-	-	4
Wood and wood products	-	-	-	-	-	1	-	-	-	5
Construction	-	-	-	-	-	8	-	-	-	64
Textile and leather	-	-	-	-	-	5	-	-	-	3
Non-specified	-	-	-	-	-	2	-	-	-	1
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**34**	**1089**	**126**	**-**	**3713**
Domestic aviation	-	-	-	-	-	-	-	126	-	-
Road	-	-	-	-	-	34	1089	-	-	3670
Rail	-	-	-	-	-	-	-	-	-	10
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	33
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**446**	**-**	**22**	**1**	**445**
Residential	-	-	-	-	-	373	-	-	-	57
Comm. and public services	-	-	-	-	-	69	-	-	-	56
Agriculture/forestry	-	-	-	-	-	4	-	-	1	248
Fishing	-	-	-	-	-	-	-	-	-	79
Non-specified	-	-	-	-	-	-	-	22	-	5
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**450**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	450	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*450*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	2498	1180	-	1002	112378	341	3432	9525	52802	21422
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	239	172	479	122	2795	6	-	1014	7247	-
Exports	-1575	-431	-	-260	-15201	-32	-	-	-6344	-
Intl. marine bunkers	-571	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-121	-8	27	-12	-	9	-	-	-	-
DOMESTIC SUPPLY	**470**	**913**	**506**	**852**	**99972**	**324**	**3432**	**10539**	**53705**	**21422**
Transfers	-	-	-	-107	-	-	-	-	-	-
Statistical differences	32	-27	-3	5	-	-12	-	-	-	-1
TRANSFORMATION	**235**	**192**	**-**	**-**	**25459**	**1**	**3078**	**6936**	**-**	**55**
Electricity plants	173	-	-	-	12198	1	2915	6845	-	55
CHP plants	62	-	-	-	12376	-	163	91	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	192	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	885	-	-	-	-	-
ENERGY IND. OWN USE	**102**	**-**	**-**	**528**	**-**	**-**	**-**	**-**	**3301**	**10063**
Fuel mining and extraction	-	-	-	-	-	-	-	-	6	-
Oil refineries	102	-	-	528	-	-	-	-	762	10063
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	1276	-
Pumped storage plants	-	-	-	-	-	-	-	-	1081	-
Other energy ind. own use	-	-	-	-	-	-	-	-	176	-
Losses	-	-	-	-	-	-	-	-	5209	-
FINAL CONSUMPTION	**165**	**694**	**503**	**222**	**74513**	**311**	**354**	**3603**	**45195**	**11303**
INDUSTRY	**89**	**-**	**503**	**-**	**40514**	**9**	**354**	**3603**	**15395**	**10186**
Iron and steel	-	-	-	-	-	-	-	-	1401	-
Chemical and petrochemical	5	-	-	-	37	-	-	36	2116	1543
Non-ferrous metals	-	-	-	-	-	-	-	-	122	-
Non-metallic minerals	1	-	503	-	3313	1	-	3563	1930	320
Transport equipment	-	-	-	-	-	-	-	-	358	-
Machinery	1	-	-	-	6	-	-	3	1307	32
Mining and quarrying	-	-	-	-	-	2	-	-	613	681
Food and tobacco	37	-	-	-	967	2	47	-	1856	1685
Paper, pulp and print	30	-	-	-	34443	-	307	1	3053	3912
Wood and wood products	-	-	-	-	1612	-	-	-	491	140
Construction	10	-	-	-	-	4	-	-	325	-
Textile and leather	5	-	-	-	120	-	-	-	1333	1469
Non-specified	-	-	-	-	16	-	-	-	490	404
TRANSPORT	**53**	**-**	**-**	**-**	**-**	**296**	**-**	**-**	**302**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	294	-	-	-	-
Rail	-	-	-	-	-	-	-	-	295	-
Pipeline transport	-	-	-	-	-	-	-	-	7	-
Domestic navigation	53	-	-	-	-	2	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**23**	**-**	**-**	**-**	**33999**	**6**	**-**	**-**	**29498**	**1117**
Residential	-	-	-	-	32130	-	-	-	11915	224
Comm. and public services	19	-	-	-	1741	2	-	-	16756	893
Agriculture/forestry	1	-	-	-	129	2	-	-	782	-
Fishing	3	-	-	-	-	2	-	-	45	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**694**	**-**	**222**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	694	-	187	-	-	-	-	-	-
of which: chem./petrochem.	-	*694*	-	*25*	-	-	-	-	-	-
in transport	-	-	-	32	-	-	-	-	-	-
in other	-	-	-	3	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Portugal: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	2	5414	-	-	-	-	-	-	-	-	188515
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	85	-	-	-	-	-	-	-	-	-471
DOMESTIC SUPPLY	**2**	**5499**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**188044**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	23	203	2742	1181	-	5938
From other sources	72	-	192	-	-	-	-	-	-	-
Imports	14109	-	1303	110	-	751	137	11	1	767
Exports	-	-	-157	-	-	-71	-1758	-3	-	-2286
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-46
Intl. aviation bunkers	-	-	-	-	-	-	-	-992	-	-
Stock changes	-136	-	-133	-	-	14	-1	-26	-	-78
DOMESTIC SUPPLY	**14045**	**-**	**1205**	**110**	**23**	**897**	**1120**	**171**	**1**	**4295**
Transfers	-	-	65	-	-	-	-	-	-	-

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	2769	1251	-	1318	101901	358	3093	9166	52158	21050
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	243	95	390	169	3040	72	-	1407	8077	-
Exports	-1730	-381	-	-437	-14926	-39	-	-	-5811	-
Intl. marine bunkers	-711	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	73	-	70	42	-	34	-	-	-	-
DOMESTIC SUPPLY	**644**	**965**	**460**	**1092**	**90015**	**425**	**3093**	**10573**	**54424**	**21050**
Transfers	-	-	-	-65	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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Slovak Republic

2014

SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	2188	1617	-	-	12964	25189	-	3900
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	2680	1104	-	474	210	32	-	-	-	-	184049
Exports	-	-	-	-	-91	-	-	-	-	-	-116
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	2	62	-	-211	11	7	-	-	-	-	-12344
DOMESTIC SUPPLY	**2682**	**1166**	**-**	**2451**	**1747**	**39**	**-**	**12964**	**25189**	**-**	**175489**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**2658**	**551**	**-**	**2319**	**1588**	**26**	**-**	**961**	**2043**	**-**	**38101**
Electricity plants	-	-	-	-	-	-	-	-	-	-	3530
CHP plants	-	551	-	2313	-	26	-	961	2018	-	15475
Heat plants	-	-	-	6	-	-	-	-	25	-	10763
Blast furnaces	631 e	-	-	-	1588 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	2027	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	8333
ENERGY IND. OWN USE	**-**	**-**	**-**	**1**	**-**	**-**	**-**	**4045**	**12199**	**-**	**5747**
Fuel mining and extraction	-	-	-	1	-	-	-	-	-	-	391
Oil refineries	-	-	-	-	-	-	-	-	-	-	5084
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	16
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	4045	12199	-	256
Losses	-	1	-	1	-	-	-	31	753	-	-
FINAL CONSUMPTION	**24**	**614**	**-**	**130**	**159**	**13**	**-**	**7927**	**10194**	**-**	**131641**
INDUSTRY	**24**	**425**	**-**	**47**	**121**	**-**	**-**	**7927**	**10194**	**-**	**38093**
Iron and steel	24 e	368	-	-	92 e	-	-	7927	10194	-	8110
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	4402
Non-ferrous metals	-	-	-	-	4	-	-	-	-	-	1389
Non-metallic minerals	-	56	-	13	24	-	-	-	-	-	7367
Transport equipment	-	-	-	4	-	-	-	-	-	-	2947
Machinery	-	-	-	1	-	-	-	-	-	-	3835
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	86
Food and tobacco	-	1	-	29	1	-	-	-	-	-	3329
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	2032
Wood and wood products	-	-	-	-	-	-	-	-	-	-	222
Construction	-	-	-	-	-	-	-	-	-	-	587
Textile and leather	-	-	-	-	-	-	-	-	-	-	1136
Non-specified	-	-	-	-	-	-	-	-	-	-	2651
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4285**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	3890
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	395
OTHER	**-**	**156**	**-**	**83**	**1**	**13**	**-**	**-**	**-**	**-**	**75912**
Residential	-	14	-	31	1	4	-	-	-	-	48244
Comm. and public services	-	141	-	51	-	9	-	-	-	-	26389
Agriculture/forestry	-	1	-	1	-	-	-	-	-	-	1279
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**33**	**-**	**-**	**37**	**-**	**-**	**-**	**-**	**-**	**13351**
in industry/transf./energy	-	33	-	-	37	-	-	-	-	-	13351
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*13351*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	9	3	-	-	341	178	1291	78	1	2660
From other sources	151	-	52	217	-	-	-	-	-	-
Imports	5288	-	-	3	-	49	209	-	-	707
Exports	-9	-	-	-	-	-71	-961	-43	-	-1933
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-34	-	-
Stock changes	-68	-	-	-	-	-	-10	-1	-	-9
DOMESTIC SUPPLY	**5371**	**3**	**52**	**220**	**341**	**156**	**529**	**-**	**1**	**1425**
Transfers	-	-	99	-	-	-	-	-	-	-1
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**5371**	**3**	**151**	**220**	**14**	**30**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	14	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	5371	3	151	220	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	30	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**325**	**23**	**-**	**-**	**-**	**2**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	1
Oil refineries	-	-	-	-	325	23	-	-	-	1
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**2**	**103**	**529**	**-**	**1**	**1422**
INDUSTRY	**-**	**-**	**-**	**-**	**2**	**3**	**3**	**-**	**1**	**17**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	2	-	-	-	-	1
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	1	-	-	-	2
Transport equipment	-	-	-	-	-	-	3	-	-	3
Machinery	-	-	-	-	-	1	-	-	-	1
Mining and quarrying	-	-	-	-	-	-	-	-	-	2
Food and tobacco	-	-	-	-	-	-	-	-	-	1
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	1	-	-	-	7
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	1	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**30**	**526**	**-**	**-**	**1315**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	526	-	-	1315
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	30	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**14**	**-**	**-**	**-**	**81**
Residential	-	-	-	-	-	4	-	-	-	-
Comm. and public services	-	-	-	-	-	9	-	-	-	5
Agriculture/forestry	-	-	-	-	-	1	-	-	-	76
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**56**	**-**	**-**	**-**	**9**
in industry/transf./energy	-	-	-	-	-	56	-	-	-	9
of which: chem./petrochem.	-	-	-	-	-	*56*	-	-	-	*9*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	489	385	40	262	31798	207	4025	6792	27401	34804
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	4	21	114	198	7	76	-	47	12964	74
Exports	-237	-122	-3	-256	-488	-120	-	-	-11862	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	4	-6	4	4	158	4	-	-10	-	-
DOMESTIC SUPPLY	**260**	**278**	**155**	**208**	**31475**	**167**	**4025**	**6829**	**28503**	**34878**
Transfers	-98	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**161**	**22**	**-**	**-**	**16063**	**-**	**3857**	**937**	**16**	**-**
Electricity plants	-	-	-	-	335	-	1575	-	-	-
CHP plants	161	-	-	-	13528	-	2282	897	-	-
Heat plants	-	-	-	-	2200	-	-	40	16	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	22	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**40**	**-**	**26**	**-**	**10**	**-**	**3663**	**3942**
Fuel mining and extraction	-	-	-	-	2	-	-	-	92	68
Oil refineries	-	-	40	-	-	-	-	-	555	578
Elec., CHP and heat plants	-	-	-	-	24	-	-	-	2394	1745
Pumped storage plants	-	-	-	-	-	-	-	-	343	-
Other energy ind. own use	-	-	-	-	-	-	10	-	279	1551
Losses	-	-	-	-	11	-	-	7	667	5410
FINAL CONSUMPTION	**1**	**256**	**115**	**208**	**15375**	**167**	**158**	**5885**	**24157**	**25526**
INDUSTRY	**1**	**-**	**48**	**5**	**13529**	**-**	**2**	**4947**	**12237**	**5121**
Iron and steel	-	-	-	-	156	-	-	-	2485	-
Chemical and petrochemical	-	-	-	-	-	-	-	563	1203	2396
Non-ferrous metals	-	-	-	-	-	-	-	-	2523	-
Non-metallic minerals	1	-	48	-	4	-	-	4356	675	304
Transport equipment	-	-	-	-	3	-	-	-	1459	136
Machinery	-	-	-	-	170	-	-	28	1301	-
Mining and quarrying	-	-	-	-	1	-	-	-	30	-
Food and tobacco	-	-	-	-	2	-	-	-	567	183
Paper, pulp and print	-	-	-	-	11997	-	2	-	755	2010
Wood and wood products	-	-	-	-	1066	-	-	-	145	5
Construction	-	-	-	-	37	-	-	-	59	36
Textile and leather	-	-	-	-	2	-	-	-	137	51
Non-specified	-	-	-	5	91	-	-	-	898	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**167**	**-**	**-**	**574**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	167	-	-	26	-
Rail	-	-	-	-	-	-	-	-	479	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	69	-
OTHER	**-**	**-**	**-**	**-**	**1846**	**-**	**156**	**938**	**11346**	**20405**
Residential	-	-	-	-	1498	-	-	-	4917	17906
Comm. and public services	-	-	-	-	114	-	152	938	6145	2464
Agriculture/forestry	-	-	-	-	234	-	4	-	284	35
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**256**	**67**	**203**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	256	67	160	-	-	-	-	-	-
of which: chem./petrochem.	-	*256*	-	*59*	-	-	-	-	-	-
in transport	-	-	-	1	-	-	-	-	-	-
in other	-	-	-	42	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Slovak Republic: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	1949	1699	-	-	13709	24157	-	3620
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	2740	921	-	436	191	60	-	-	-	-	171542
Exports	-	-	-	-	-63	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-1	37	-	183	-166	-	-	-	-	-	5310
DOMESTIC SUPPLY	**2739**	**958**	**-**	**2568**	**1661**	**60**	**-**	**13709**	**24157**	**-**	**180472**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	9	3	-	-	463	198	1567	93	1	3013
From other sources	154	-	94	240	-	-	-	-	-	-
Imports	5921	-	-	3	-	37	196	-	-	808
Exports	-27	-	-	-	-	-60	-1192	-46	-	-2177
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-43	-	-
Stock changes	28	-	-	-	-	-2	-	-4	-	-63
DOMESTIC SUPPLY	**6085**	**3**	**94**	**243**	**463**	**173**	**571**	**-**	**1**	**1581**
Transfers	-	-	56	-	-	-	-20	-	-	-

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	509	386	59	184	30750	218	4000	6670	26314	35166
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	21	6	118	248	..	96	-	..	14956	80
Exports	-278	-77	-	-223	..	-131	-	..	-12608	-
Intl. marine bunkers	-	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	33	-	2	-3	..	-	-	..	-	-
DOMESTIC SUPPLY	**285**	**315**	**179**	**206**	**30750**	**183**	**4000**	**6670**	**28662**	**35246**
Transfers	-56	20	-	..	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	3108	-	-	-	-	-	-	120
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	22	418	48	32	-	-	-	-	-	29002
Exports	-	-1	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-14	-31	30	5	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**7**	**387**	**3186**	**37**	**-**	**-**	**-**	**-**	**-**	**29122**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**4**	**350**	**3157**	**-**	**-**	**-**	**-**	**-**	**-**	**4673**
Electricity plants	-	-	-	99	-	-	-	-	-	-	83
CHP plants	-	4	346	3058	-	-	-	-	-	-	3070
Heat plants	-	-	4	-	-	-	-	-	-	-	1520
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**141**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	120
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	21
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**3**	**37**	**29**	**37**	**-**	**-**	**-**	**-**	**-**	**24308**
INDUSTRY	**-**	**3**	**36**	**29**	**28**	**-**	**-**	**-**	**-**	**-**	**18218**
Iron and steel	-	-	-	-	9	-	-	-	-	-	3253
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	2085
Non-ferrous metals	-	2	-	-	-	-	-	-	-	-	1307
Non-metallic minerals	-	1	-	-	19	-	-	-	-	-	2725
Transport equipment	-	-	-	-	-	-	-	-	-	-	516
Machinery	-	-	-	-	-	-	-	-	-	-	1559
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	46
Food and tobacco	-	-	-	-	-	-	-	-	-	-	1542
Paper, pulp and print	-	-	36	29	-	-	-	-	-	-	3453
Wood and wood products	-	-	-	-	-	-	-	-	-	-	93
Construction	-	-	-	-	-	-	-	-	-	-	205
Textile and leather	-	-	-	-	-	-	-	-	-	-	418
Non-specified	-	-	-	-	-	-	-	-	-	-	1016
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**54**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	54
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5828**
Residential	-	-	1	-	-	-	-	-	-	-	4120
Comm. and public services	-	-	-	-	-	-	-	-	-	-	1708
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**9**	**-**	**-**	**-**	**-**	**-**	**208**
in industry/transf./energy	-	-	-	-	9	-	-	-	-	-	208
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*208*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	74	485	317	-	2505
Exports	-	-	-	-	-	-	-68	-317	-	-951
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-25	-	-
Stock changes	-	-	-	-	-	-	15	26	-	12
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**74**	**432**	**1**	**-**	**1566**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**11**
Electricity plants	-	-	-	-	-	-	-	-	-	2
CHP plants	-	-	-	-	-	-	-	-	-	6
Heat plants	-	-	-	-	-	-	-	-	-	3
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**74**	**432**	**1**	**-**	**1555**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**22**	**-**	**-**	**-**	**45**
Iron and steel	-	-	-	-	-	1	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	1	-	-	-	3
Non-ferrous metals	-	-	-	-	-	6	-	-	-	-
Non-metallic minerals	-	-	-	-	-	2	-	-	-	3
Transport equipment	-	-	-	-	-	-	-	-	-	1
Machinery	-	-	-	-	-	6	-	-	-	7
Mining and quarrying	-	-	-	-	-	2	-	-	-	2
Food and tobacco	-	-	-	-	-	2	-	-	-	8
Paper, pulp and print	-	-	-	-	-	1	-	-	-	1
Wood and wood products	-	-	-	-	-	-	-	-	-	1
Construction	-	-	-	-	-	-	-	-	-	16
Textile and leather	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	1	-	-	-	2
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**12**	**427**	**1**	**-**	**1255**
Domestic aviation	-	-	-	-	-	-	-	1	-	-
Road	-	-	-	-	-	12	427	-	-	1242
Rail	-	-	-	-	-	-	-	-	-	13
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**39**	**5**	**-**	**-**	**255**
Residential	-	-	-	-	-	22	-	-	-	122
Comm. and public services	-	-	-	-	-	-	-	-	-	68
Agriculture/forestry	-	-	-	-	-	-	5	-	-	65
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	17	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**1**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	1	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*1*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	23441	-	1290	1809	17437	8183
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	103	-	88	126	-	51	-	-	7254	-
Exports	-36	-	-8	-13	-	-	-	-	-9997	-
Intl. marine bunkers	-58	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-1	1	-	-	-	-	-	-
DOMESTIC SUPPLY	**9**	**-**	**79**	**114**	**23441**	**51**	**1290**	**1809**	**14694**	**8183**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	1	-	-	-	-	-	-	-
TRANSFORMATION	**3**	**-**	**-**	**-**	**1754**	**1**	**1203**	**321**	**-**	**-**
Electricity plants	-	-	-	-	-	-	70	-	-	-
CHP plants	-	-	-	-	1467	1	1133	321	-	-
Heat plants	3	-	-	-	287	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1414**	**460**
Fuel mining and extraction	-	-	-	-	-	-	-	-	57	55
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	951	395
Pumped storage plants	-	-	-	-	-	-	-	-	363	-
Other energy ind. own use	-	-	-	-	-	-	-	-	43	10
Losses	-	-	-	-	-	-	-	-	821	1278
FINAL CONSUMPTION	**6**	**-**	**80**	**114**	**21687**	**50**	**87**	**1488**	**12459**	**6445**
INDUSTRY	**6**	**-**	**45**	**-**	**3280**	**-**	**15**	**1488**	**6057**	**2033**
Iron and steel	-	-	-	-	-	-	-	-	758	66
Chemical and petrochemical	2	-	-	-	602	-	-	76	662	1155
Non-ferrous metals	2	-	-	-	-	-	-	-	1312	46
Non-metallic minerals	-	-	45	-	134	-	-	1412	369	24
Transport equipment	-	-	-	-	4	-	-	-	233	8
Machinery	-	-	-	-	27	-	-	-	905	276
Mining and quarrying	-	-	-	-	-	-	-	-	133	-
Food and tobacco	1	-	-	-	57	-	-	-	281	118
Paper, pulp and print	-	-	-	-	368	-	-	-	677	43
Wood and wood products	-	-	-	-	1824	-	-	-	161	12
Construction	-	-	-	-	6	-	-	-	38	8
Textile and leather	1	-	-	-	64	-	15	-	106	42
Non-specified	-	-	-	-	194	-	-	-	422	235
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**50**	**-**	**-**	**136**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	50	-	-	-	-
Rail	-	-	-	-	-	-	-	-	131	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	5	-
OTHER	**-**	**-**	**-**	**-**	**18407**	**-**	**72**	**-**	**6266**	**4412**
Residential	-	-	-	-	18407	-	-	-	3125	2798
Comm. and public services	-	-	-	-	-	-	72	-	3141	1614
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**35**	**114**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	35	114	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	*2*	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	3168	-	-	-	-	-	-	120
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	16	366	34	31	-	-	-	-	-	30782
Exports	-	-1	-8	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-3	13	15	-1	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**12**	**371**	**3217**	**30**	**-**	**-**	**-**	**-**	**-**	**30902**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	82	538	316	-	2637
Exports	-	-	-	-	-	-	-116	-290	-	-1089
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-23	-	-
Stock changes	-	-	-	-	-	1	-4	-2	-	10
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**83**	**418**	**1**	**-**	**1558**
Transfers	-	-	-	-	-	-	-	-	-	-

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	-	-	-	..	24973	-	1242	1802	15090	8638
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	260	-	88	115	-	39	-	-	9045	-
Exports	-191	-	-8	-15	-	-1	-	-	-9093	-
Intl. marine bunkers	-66	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-	-	-	..	-	-	-	-	-	-
DOMESTIC SUPPLY	**3**	**-**	**80**	**100**	**24973**	**38**	**1242**	**1802**	**15042**	**8638**
Transfers	-	-	-	..	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	2669	1230	-	1605	-	-	12690	20547	-	968
From other sources	-	-	-	-	-	-	14	-	-	-	-
Imports	1631	14763	-	-	248	-	-	-	-	-	1472594
Exports	-25	-1259	-	-	-130	-	-	-	-	-	-332704
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	250	1186	940	-	-26	-	-	-	-	-	-39902
DOMESTIC SUPPLY	**1856**	**17359**	**2170**	**-**	**1697**	**-**	**14**	**12690**	**20547**	**-**	**1100956**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	162	1665	-47	-	-179	-	-	-	-	-	1208
TRANSFORMATION	**2018**	**18434**	**2123**	**-**	**1208**	**-**	**-**	**2248**	**12500**	**-**	**323797**
Electricity plants	-	17652	2123	-	-	-	-	164	12500	-	186923
CHP plants	-	52	-	-	-	-	-	2084	-	-	136874
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	730 e	-	-	1208 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	2018	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**40**	**-**	**-**	**6131**	**-**	**-**	**83821**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	295
Oil refineries	-	-	-	-	-	-	-	-	-	-	57910
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	3255
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	40	-	-	6131	-	-	22361
Losses	-	-	-	-	-	-	-	1799	940	-	6966
FINAL CONSUMPTION	**-**	**590**	**-**	**-**	**270**	**-**	**14**	**2512**	**7107**	**-**	**687580**
INDUSTRY	**-**	**400**	**-**	**-**	**260**	**-**	**-**	**2512**	**7107**	**-**	**407273**
Iron and steel	-	150 e	-	-	134 e	-	-	2512	7107	-	21549
Chemical and petrochemical	-	231	-	-	64	-	-	-	-	-	134200
Non-ferrous metals	-	-	-	-	37	-	-	-	-	-	5458
Non-metallic minerals	-	14	-	-	-	-	-	-	-	-	63661
Transport equipment	-	-	-	-	-	-	-	-	-	-	6135
Machinery	-	-	-	-	-	-	-	-	-	-	11948
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	6736
Food and tobacco	-	5	-	-	25	-	-	-	-	-	35586
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	41861
Wood and wood products	-	-	-	-	-	-	-	-	-	-	1625
Construction	-	-	-	-	-	-	-	-	-	-	38948
Textile and leather	-	-	-	-	-	-	-	-	-	-	7093
Non-specified	-	-	-	-	-	-	-	-	-	-	32473
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3932**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	2376
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	1556
OTHER	**-**	**190**	**-**	**-**	**10**	**-**	**14**	**-**	**-**	**-**	**253813**
Residential	-	145	-	-	-	-	-	-	-	-	143947
Comm. and public services	-	-	-	-	-	-	14	-	-	-	67462
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	29189
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	45	-	-	10	-	-	-	-	-	13215
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**22562**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	22562
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*22562*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	305	-	-	-	1956	1575	7275	197	8679	27110
From other sources	-	-	73	-	-	-	-	-	-	-
Imports	59054	-	4960	-	-	643	77	1955	-	3804
Exports	-	-	-3327	-	-	-425	-3262	-339	-	-5071
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-1264
Intl. aviation bunkers	-	-	-	-	-	-	-	-3556	-	-
Stock changes	-330	-	1	-	-	-78	-57	-26	-48	-520
DOMESTIC SUPPLY	**59029**	**-**	**1707**	**-**	**1956**	**1715**	**4033**	**-1769**	**8631**	**24059**
Transfers	-	-	440	-	2017	-89	244	3432	-8631	2113
Statistical differences	-	-	-	-	-	38	44	50	-	26
TRANSFORMATION	**59022**	**-**	**2147**	**-**	**153**	**1**	**-**	**-**	**-**	**1142**
Electricity plants	-	-	-	-	-	-	-	-	-	1132
CHP plants	-	-	-	-	153	1	-	-	-	10
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	59022	-	2147	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**3820**	**-**	**-**	**-**	**-**	**20**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	20
Oil refineries	-	-	-	-	3820	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**7**	**-**	**-**	**-**	**-**	**1663**	**4321**	**1713**	**-**	**25036**
INDUSTRY	**7**	**-**	**-**	**-**	**-**	**128**	**1**	**-**	**-**	**876**
Iron and steel	-	-	-	-	-	15	-	-	-	18
Chemical and petrochemical	-	-	-	-	-	2	-	-	-	38
Non-ferrous metals	-	-	-	-	-	6	-	-	-	11
Non-metallic minerals	7	-	-	-	-	33	-	-	-	105
Transport equipment	-	-	-	-	-	7	-	-	-	23
Machinery	-	-	-	-	-	7	-	-	-	60
Mining and quarrying	-	-	-	-	-	1	-	-	-	158
Food and tobacco	-	-	-	-	-	30	-	-	-	173
Paper, pulp and print	-	-	-	-	-	16	-	-	-	41
Wood and wood products	-	-	-	-	-	1	-	-	-	12
Construction	-	-	-	-	-	6	-	-	-	191
Textile and leather	-	-	-	-	-	4	-	-	-	15
Non-specified	-	-	-	-	-	-	1	-	-	31
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**35**	**4286**	**1605**	**-**	**20074**
Domestic aviation	-	-	-	-	-	-	-	1605	-	-
Road	-	-	-	-	-	35	4284	-	-	19583
Rail	-	-	-	-	-	-	-	-	-	78
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	237
Non-specified	-	-	-	-	-	-	2	-	-	176
OTHER	**-**	**-**	**-**	**-**	**-**	**1125**	**34**	**108**	**-**	**4086**
Residential	-	-	-	-	-	970	-	-	-	1566
Comm. and public services	-	-	-	-	-	118	11	-	-	999
Agriculture/forestry	-	-	-	-	-	37	12	-	-	1413
Fishing	-	-	-	-	-	-	11	-	-	105
Non-specified	-	-	-	-	-	-	-	108	-	3
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**375**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	375	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*375*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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2014

SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	4482	304	3744	4968	216066	1596	14791	17098	278750	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	5555	1203	1344	890	12463	1146	-	-	12310	-
Exports	-3026	-454	-2767	-2995	-7653	-1497	-	-	-15716	-
Intl. marine bunkers	-6742	-	-	-8	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	229	-51	-402	-32	-	-69	-	-	-	-
DOMESTIC SUPPLY	**498**	**1002**	**1919**	**2823**	**220876**	**1176**	**14791**	**17098**	**275344**	**-**
Transfers	1819	510	5	-1860	-	-	-	-	-	-
Statistical differences	75	30	10	790	-	-	-	-	-73	-
TRANSFORMATION	**1582**	**73**	**330**	**-**	**52498**	**-**	**8737**	**17098**	**-**	**-**
Electricity plants	1244	-	329	-	40099	-	7621	17098	-	-
CHP plants	338	-	1	-	8000	-	1116	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	73	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	4399	-	-	-	-	-
ENERGY IND. OWN USE	**190**	**-**	**178**	**34**	**10919**	**-**	**1825**	**-**	**21981**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	593	-
Oil refineries	190	-	163	34	-	-	-	-	3615	-
Elec., CHP and heat plants	-	-	-	-	3289	-	-	-	10370	-
Pumped storage plants	-	-	-	-	-	-	-	-	5202	-
Other energy ind. own use	-	-	15	-	7630	-	1825	-	2201	-
Losses	-	-	-	-	-	-	-	-	26393	-
FINAL CONSUMPTION	**620**	**1469**	**1426**	**1719**	**157459**	**1176**	**4229**	**-**	**226897**	**-**
INDUSTRY	**447**	**-**	**1403**	**-**	**45222**	**8**	**2094**	**-**	**71657**	**-**
Iron and steel	59	-	-	-	1	-	-	-	12310	-
Chemical and petrochemical	78	-	-	-	208	-	-	-	9155	-
Non-ferrous metals	35	-	-	-	1	-	63	-	9362	-
Non-metallic minerals	18	-	1398	-	6784	-	131	..	5608	-
Transport equipment	-	-	-	-	5	-	-	-	3468	-
Machinery	90	-	5	-	16	-	-	-	4799	-
Mining and quarrying	7	-	-	-	-	2	-	-	1519	-
Food and tobacco	97	-	-	-	9334	2	1182	-	10903	-
Paper, pulp and print	29	-	-	-	12466	-	622	-	5821	-
Wood and wood products	8	-	-	-	13264	-	-	-	1089	-
Construction	18	-	-	-	593	4	-	-	2390	-
Textile and leather	4	-	-	-	117	-	-	-	1671	-
Non-specified	4	-	-	-	2433	-	96	-	3562	-
TRANSPORT	**87**	**-**	**-**	**-**	**-**	**1161**	**-**	**-**	**4159**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	1153	-	-	-	-
Rail	-	-	-	-	-	-	-	-	2082	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	87	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	8	-	-	2077	-
OTHER	**86**	**-**	**-**	**-**	**112237**	**7**	**2135**	**-**	**151081**	**-**
Residential	22	-	-	-	106211	1	-	-	70710	-
Comm. and public services	43	-	-	-	3103	3	473	-	70309	-
Agriculture/forestry	4	-	-	-	2740	1	322	-	5167	-
Fishing	-	-	-	-	-	2	-	-	-	-
Non-specified	17	-	-	-	183	-	1340	-	4895	-
NON-ENERGY USE	**-**	**1469**	**23**	**1719**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	1469	23	1530	-	-	-	-	-	-
of which: chem./petrochem.	-	*1469*	*3*	*324*	-	-	-	-	-	-
in transport	-	-	-	175	-	-	-	-	-	-
in other	-	-	-	14	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Spain: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	1750	1318	-	1769	-	-	13051	24308	-	2519
From other sources	-	-	-	-	-	-	10	-	-	-	-
Imports	1720	17315	-	-	337	-	-	-	-	-	1312605
Exports	-	-564	-	-	-144	-	-	-	-	-	-203947
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	122	1370	790	-	28	-	-	-	-	-	32992
DOMESTIC SUPPLY	**1842**	**19871**	**2108**	**-**	**1990**	**-**	**10**	**13051**	**24308**	**-**	**1144169**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	232	-	-	-	2364	1699	9105	226	9285	27485
From other sources	-	-	65	-	-	-	-	-	-	-
Imports	64628	-	2954	-	-	780	136	2111	-	5154
Exports	-	-	-2675	-	-	-395	-4839	-516	-	-5728
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-1667
Intl. aviation bunkers	-	-	-	-	-	-	-	-2754	-	-
Stock changes	73	-	62	-	-	-7	-12	-435	34	-994
DOMESTIC SUPPLY	**64933**	**-**	**406**	**-**	**2364**	**2077**	**4390**	**-1368**	**9319**	**24250**
Transfers	-	-	324	-	1724	-227	244	4063	-9319	2859

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	3984	1240	3660	5938	236619	1504	18467	21768	280480	-
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	4035	1212	1626	618	..	589	-	-	14956	-
Exports	-2167	-344	-2987	-4057	..	-1036	-	-	-15089	-
Intl. marine bunkers	-5981	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-94	-27	-20	-65	-	117	-	-	-	-
DOMESTIC SUPPLY	**-223**	**2081**	**2279**	**2434**	**236619**	**1174**	**18467**	**21768**	**280347**	**-**
Transfers	2579	-553	-270	-1424	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	1113	-	-	8265	13458	450	-
From other sources	-	-	-	-	-	-	343	-	-	-	-
Imports	1542	1232	-	-	98	-	-	-	-	110	36939
Exports	-	-1	-	-	-30	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-86	-15	-	-	72	-	-	-	-	-	-
DOMESTIC SUPPLY	**1456**	**1216**	**-**	**-**	**1253**	**-**	**343**	**8265**	**13458**	**560**	**36939**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	1	-86	-	-	-20	-	-	72	-663	-	1731
TRANSFORMATION	**1457**	**615**	**-**	**-**	**883**	**-**	**5**	**581**	**7191**	**538**	**8414**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	292	-	-	-	-	-	473	6900	418	7695
Heat plants	-	-	-	-	-	-	5	108	291	120	375
Blast furnaces	-	323 e	-	-	883 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	344
Coke/pat.fuel/BKB/PB plants	1457	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3527**	**676**	**-**	**898**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	898
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	3527	676	-	-
Losses	-	-	-	-	-	-	86	253	1285	-	-
FINAL CONSUMPTION	**-**	**515**	**-**	**-**	**350**	**-**	**252**	**3976**	**3643**	**22**	**29358**
INDUSTRY	**-**	**515**	**-**	**-**	**328**	**-**	**17**	**3976**	**3643**	**22**	**15820**
Iron and steel	-	86 e	-	-	304 e	-	-	3607	3643	-	1588
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	16	6746
Non-ferrous metals	-	51	-	-	-	-	-	-	-	-	246
Non-metallic minerals	-	208	-	-	16	-	-	-	-	-	1906
Transport equipment	-	-	-	-	5	-	-	-	-	-	311
Machinery	-	-	-	-	-	-	-	-	-	-	538
Mining and quarrying	-	155	-	-	-	-	-	369	-	-	1
Food and tobacco	-	-	-	-	3	-	-	-	-	-	3716
Paper, pulp and print	-	15	-	-	-	-	-	-	-	6	547
Wood and wood products	-	-	-	-	-	-	-	-	-	-	3
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	107
Non-specified	-	-	-	-	-	-	17	-	-	-	111
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2355**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	2355
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**235**	**-**	**-**	**-**	**6951**
Residential	-	-	-	-	-	-	129	-	-	-	1355
Comm. and public services	-	-	-	-	-	-	106	-	-	-	4476
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	1120
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**22**	**-**	**-**	**-**	**-**	**-**	**4232**
in industry/transf./energy	-	-	-	-	22	-	-	-	-	-	4232
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*4232*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	748	423	4823	248	-	7325
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	18733	-	387	14	-	1444	1815	873	1	2400
Exports	-	-	-932	-	-	-387	-3520	-58	-	-4829
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-313
Intl. aviation bunkers	-	-	-	-	-	-	-	-703	-	-
Stock changes	106	-	1	-2	-	-177	-13	-116	-	32
DOMESTIC SUPPLY	**18839**	**-**	**-544**	**12**	**748**	**1303**	**3105**	**244**	**1**	**4615**
Transfers	-	-	1706	-	-	-	-370	-67	-	325
Statistical differences	39	-	228	-	-	-26	-77	-88	-1	-739
TRANSFORMATION	**18878**	**-**	**1390**	**12**	**-**	**2**	**-**	**-**	**-**	**22**
Electricity plants	-	-	-	-	-	-	-	-	-	2
CHP plants	-	-	-	-	-	1	-	-	-	c
Heat plants	-	-	-	-	-	1	-	-	-	20
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	18878	-	1390	12	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**748**	**-**	**-**	**-**	**-**	**5**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	748	-	-	-	-	5
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**1275**	**2658**	**89**	**-**	**4174**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**311**	**-**	**-**	**-**	**122**
Iron and steel	-	-	-	-	-	135	-	-	-	8
Chemical and petrochemical	-	-	-	-	-	32	-	-	-	33
Non-ferrous metals	-	-	-	-	-	18	-	-	-	6
Non-metallic minerals	-	-	-	-	-	18	-	-	-	11
Transport equipment	-	-	-	-	-	11	-	-	-	3
Machinery	-	-	-	-	-	14	-	-	-	12
Mining and quarrying	-	-	-	-	-	3	-	-	-	13
Food and tobacco	-	-	-	-	-	25	-	-	-	21
Paper, pulp and print	-	-	-	-	-	52	-	-	-	8
Wood and wood products	-	-	-	-	-	-	-	-	-	4
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	2	-	-	-	-
Non-specified	-	-	-	-	-	1	-	-	-	3
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**2658**	**89**	**-**	**3580**
Domestic aviation	-	-	-	-	-	-	-	89	-	-
Road	-	-	-	-	-	-	2658	-	-	3547
Rail	-	-	-	-	-	-	-	-	-	2
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	31
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**472**
Residential	-	-	-	-	-	-	-	-	-	29
Comm. and public services	-	-	-	-	-	-	-	-	-	337
Agriculture/forestry	-	-	-	-	-	-	-	-	-	88
Fishing	-	-	-	-	-	-	-	-	-	18
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**964**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	964	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*964*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	3161	-	67	3004	373593	329	6422	61213	153662	179896
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	389	335	-	192	-	775	-	-	13852	-
Exports	-1813	-	-	-1026	-	-64	-	-	-29475	-
Intl. marine bunkers	-1448	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-25	2	-	-25	-	-	-	-	-	-
DOMESTIC SUPPLY	**264**	**337**	**67**	**2145**	**373593**	**1040**	**6422**	**61213**	**138039**	**179896**
Transfers	57	-	-	-1651	-	-	-	-	-	-
Statistical differences	182	-15	-	-28	-	-1	-	-	-	-
TRANSFORMATION	**92**	**-**	**-**	**-**	**156470**	**72**	**500**	**61213**	**1804**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	79	-	-	-	121842	24	305	57814	-	-
Heat plants	13	-	-	-	34628	48	195	3399	1804	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**28**	**-**	**67**	**-**	**-**	**-**	**696**	**-**	**6710**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	28	-	67	-	-	-	-	-	894	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	3706	-
Pumped storage plants	-	-	-	-	-	-	-	-	154	-
Other energy ind. own use	-	-	-	-	-	-	696	-	1956	-
Losses	-	-	-	-	-	-	-	-	7334	5134
FINAL CONSUMPTION	**383**	**322**	**-**	**466**	**217123**	**967**	**5226**	**-**	**122191**	**174762**
INDUSTRY	**324**	**-**	**-**	**-**	**171865**	**-**	**22**	**-**	**50730**	**18648**
Iron and steel	109	-	-	-	-	-	-	-	4329	-
Chemical and petrochemical	17	-	-	-	335	-	-	-	4483	-
Non-ferrous metals	2	-	-	-	-	-	-	-	2907	-
Non-metallic minerals	12	-	-	-	-	-	-	-	958	-
Transport equipment	2	-	-	-	-	-	-	-	1959	-
Machinery	1	-	-	-	-	-	-	-	3654	-
Mining and quarrying	46	-	-	-	-	-	-	-	c	-
Food and tobacco	14	-	-	-	-	-	-	-	2452	-
Paper, pulp and print	93	-	-	-	155662	-	-	-	c	-
Wood and wood products	2	-	-	-	14989	-	-	-	1877	-
Construction	-	-	-	-	-	-	-	-	1079	-
Textile and leather	-	-	-	-	-	-	22	-	190	-
Non-specified	26	-	-	-	879	-	-	-	26842	18648
TRANSPORT	**47**	**-**	**-**	**-**	**-**	**967**	**3498**	**-**	**2615**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	967	3498	-	-	-
Rail	-	-	-	-	-	-	-	-	2615	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	47	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**12**	**-**	**-**	**-**	**45258**	**-**	**1706**	**-**	**68846**	**156114**
Residential	-	-	-	-	37917	-	1706	-	36821	102478
Comm. and public services	12	-	-	-	1667	-	-	-	30826	53336
Agriculture/forestry	-	-	-	-	5674	-	-	-	1199	300
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**322**	**-**	**466**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	322	-	442	-	-	-	-	-	-
of which: chem./petrochem.	-	*322*	-	-	-	-	-	-	-	-
in transport	-	-	-	24	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Sweden: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	1187	-	-	8770	12781	417	-
From other sources	-	-	-	-	-	-	320	-	-	-	-
Imports	1573	1212	-	-	87	-	-	-	-	82	33662
Exports	-	-	-	-	-81	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	19	-8	-	-	65	-	-	-	-	-	-
DOMESTIC SUPPLY	**1592**	**1204**	**-**	**-**	**1258**	**-**	**320**	**8770**	**12781**	**499**	**33662**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	783	473	4992	113	-	7988
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	20106	-	355	9	-	1251	1700	789	1	2580
Exports	-	-	-1150	-	-	-564	-3835	-9	-	-5555
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-774
Intl. aviation bunkers	-	-	-	-	-	-	-	-667	-	-
Stock changes	-137	-	10	-1	-	58	51	5	-	-373
DOMESTIC SUPPLY	**19969**	**-**	**-785**	**8**	**783**	**1218**	**2908**	**231**	**1**	**3866**
Transfers	-	-	1804	-	-	-	-427	-1	-	382

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	3171	-	63	3136	545364	296	6414	60568	161440	162909
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	747	239	-	214	-	1079	-	-	9290	-
Exports	-2181	-	-	-1069	-	-132	-	-	-31893	-
Intl. marine bunkers	-1083	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-190	3	-	9	-	-	-	-	-	-
DOMESTIC SUPPLY	**464**	**242**	**63**	**2290**	**545364**	**1243**	**6414**	**60568**	**138837**	**162909**
Transfers	43	-	-	-1801	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	767
Imports	-	39	-	134	17	-	-	-	-	-	124205
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	52	-	-3	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**91**	**-**	**131**	**17**	**-**	**-**	**-**	**-**	**-**	**124972**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6612**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	3321
Heat plants	-	-	-	-	-	-	-	-	-	-	3291
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**126**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	126
Losses	-	-	-	-	-	-	-	-	-	-	84
FINAL CONSUMPTION	**-**	**91**	**-**	**131**	**17**	**-**	**-**	**-**	**-**	**-**	**118150**
INDUSTRY	**-**	**77**	**-**	**131**	**17**	**-**	**-**	**-**	**-**	**-**	**44359**
Iron and steel	-	14	-	-	3	-	-	-	-	-	3452
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	11851
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	2005
Non-metallic minerals	-	61	-	131	13	-	-	-	-	-	4303
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	4696
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	2	-	-	1	-	-	-	-	-	10228
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	4708
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	857
Textile and leather	-	-	-	-	-	-	-	-	-	-	720
Non-specified	-	-	-	-	-	-	-	-	-	-	1539
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1655**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	739
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	916
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**14**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**72136**
Residential	-	14	-	-	-	-	-	-	-	-	46907
Comm. and public services	-	-	-	-	-	-	-	-	-	-	24964
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	265
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	225	173	1420	16	-	2618
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	4900	-	12	63	-	35	1247	1558	2	2936
Exports	-	-	-	-	-	-39	-12	-	-	-64
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-5
Intl. aviation bunkers	-	-	-	-	-	-	-	-1530	-	-
Stock changes	-11	-	-	-	-	-1	21	19	-	-47
DOMESTIC SUPPLY	**4889**	**-**	**12**	**63**	**225**	**168**	**2676**	**63**	**2**	**5438**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	11	-6	-	117
TRANSFORMATION	**4889**	**-**	**12**	**63**	**-**	**1**	**-**	**-**	**-**	**21**
Electricity plants	-	-	-	-	-	-	-	-	-	3
CHP plants	-	-	-	-	-	1	-	-	-	4
Heat plants	-	-	-	-	-	-	-	-	-	12
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	4889	-	12	63	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	2
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**225**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	225	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**167**	**2687**	**57**	**2**	**5534**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**	**292**
Iron and steel	-	-	-	-	-	-	-	-	-	2 e
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	30
Non-ferrous metals	-	-	-	-	-	-	-	-	-	2 e
Non-metallic minerals	-	-	-	-	-	-	-	-	-	12
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	76
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	59
Paper, pulp and print	-	-	-	-	-	-	-	-	-	7
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	52
Textile and leather	-	-	-	-	-	-	-	-	-	12
Non-specified	-	-	-	-	-	-	-	-	1	40
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**2**	**2687**	**57**	**-**	**2681**
Domestic aviation	-	-	-	-	-	-	-	57	-	-
Road	-	-	-	-	-	2	2686	-	-	2664
Rail	-	-	-	-	-	-	-	-	-	10
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	1	-	-	7
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**81**	**-**	**-**	**1**	**2561**
Residential	-	-	-	-	-	-	-	-	-	1754
Comm. and public services	-	-	-	-	-	-	-	-	-	740
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	81	-	-	1	67
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**84**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	84	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*84*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	394	-	60	34	37020	5	4354	56880	71767	18571
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	22	62	398	1630	20	-	-	28530	-
Exports	-340	-13	-	-53	-150	-2	-	-	-34021	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-8	-3	-	1	-	2	-	-	-	-
DOMESTIC SUPPLY	**46**	**6**	**122**	**380**	**38500**	**25**	**4354**	**56880**	**66276**	**18571**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-4	2	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**6041**	**-**	**2588**	**43260**	**9**	**-**
Electricity plants	-	-	-	-	-	-	22	-	-	-
CHP plants	-	-	-	-	6041	-	1876	43260	-	-
Heat plants	-	-	-	-	-	-	-	-	9	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	690	-	-	-
ENERGY IND. OWN USE	**33**	**-**	**60**	**-**	**-**	**-**	**-**	**-**	**4114**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	33	-	60	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	1759	-
Pumped storage plants	-	-	-	-	-	-	-	-	2355	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	4696	1570
FINAL CONSUMPTION	**9**	**8**	**62**	**380**	**32459**	**25**	**1766**	**13620**	**57457**	**17001**
INDUSTRY	**9**	**-**	**-**	**-**	**8584**	**-**	**458**	**9862**	**18019**	**6481**
Iron and steel	-	-	-	-	112	-	-	-	1401	-
Chemical and petrochemical	-	-	-	-	-	-	-	3301	3311	1125
Non-ferrous metals	-	-	-	-	-	-	-	-	500	58
Non-metallic minerals	8	-	-	-	-	-	-	5295	1157	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	149	-	-	13	3942	342
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	23	-	-	115	2600	221
Paper, pulp and print	1	-	-	-	1199	-	-	1040	1714	1303
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	2596	-	-	-	576	16
Textile and leather	-	-	-	-	62	-	-	-	244	7
Non-specified	-	-	-	-	4443	-	458	98	2574	3409
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**25**	**-**	**-**	**3069**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	25	-	-	-	-
Rail	-	-	-	-	-	-	-	-	3069	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**23875**	**-**	**1308**	**3758**	**36369**	**10520**
Residential	-	-	-	-	17177	-	-	-	18286	6763
Comm. and public services	-	-	-	-	6145	-	1154	3758	17110	3757
Agriculture/forestry	-	-	-	-	553	-	154	-	973	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**8**	**62**	**380**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	8	62	348	-	-	-	-	-	-
of which: chem./petrochem.	-	*8*	-	*5*	-	-	-	-	-	-
in transport	-	-	-	32	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Switzerland: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	944
Imports	-	76	-	132	15	-	-	-	-	-	132690
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	1	-	-2	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**77**	**-**	**130**	**15**	**-**	**-**	**-**	**-**	**-**	**133634**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	124	76	733	38	-	1521
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	2785	-	13	39	-	85	1649	1603	2	4061
Exports	-	-	-	-	-	-4	-5	-	-	-25
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-5
Intl. aviation bunkers	-	-	-	-	-	-	-	-1566	-	-
Stock changes	18	-	-	2	-	2	114	-15	-	184
DOMESTIC SUPPLY	**2803**	**-**	**13**	**41**	**124**	**159**	**2491**	**60**	**2**	**5736**
Transfers	-	-	-	-	-	-	-	-	-	-

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	315	-	10	40	38060	6	4790	57000	67500	20060
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	-	25	46	411	2100	59	-	-	34033	-
Exports	-324	-24	-	-75	-110	-	-	-	-35068	-
Intl. marine bunkers	-	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	31	20	-	..	-	1	-	-	-	-
DOMESTIC SUPPLY	**22**	**21**	**56**	**376**	**40050**	**66**	**4790**	**57000**	**66465**	**20060**
Transfers	-	-	-	..	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	861	972	843	62573	4555	-	-	33784	52427	-	18357
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	5466	24350	-	-	352	-	-	-	-	-	1886840
Exports	-	-64	-	-	-61	-	-	-	-	-	-24231
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-121	-72	2083	-	-	-	-	-	-	-10651
DOMESTIC SUPPLY	**6327**	**25137**	**771**	**64656**	**4846**	**-**	**-**	**33784**	**52427**	**-**	**1870315**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-127	-	-108	-	-	-	-	-	-	-4110
TRANSFORMATION	**6261**	**14113**	**458**	**57411**	**4134**	**-**	**-**	**9521**	**27697**	**-**	**917159**
Electricity plants	516	13184	458	56172	-	-	-	8579	23310	-	807374
CHP plants	23	312	-	1239	-	-	-	942	4387	-	109785
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	617 e	-	-	4134 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	5722	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**643**	**-**	**50**	**-**	**-**	**-**	**10783**	**22925**	**-**	**46390**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	37092
Elec., CHP and heat plants	-	643	-	50	-	-	-	-	-	-	9298
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	10783	22925	-	-
Losses	-	-	-	-	-	-	-	-	-	-	43
FINAL CONSUMPTION	**66**	**10254**	**313**	**7087**	**712**	**-**	**-**	**13480**	**1805**	**-**	**902613**
INDUSTRY	**10**	**4677**	**157**	**4077**	**624**	**-**	**-**	**13480**	**1805**	**-**	**399785**
Iron and steel	-	325 e	-	-	337 e	-	-	13480	1805	-	51790
Chemical and petrochemical	-	104	-	382	-	-	-	-	-	-	52370
Non-ferrous metals	-	8	-	-	8	-	-	-	-	-	18873
Non-metallic minerals	-	2849	-	1914	-	-	-	-	-	-	67337
Transport equipment	-	1	-	7	-	-	-	-	-	-	5436
Machinery	-	-	-	-	-	-	-	-	-	-	2105
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	5029
Food and tobacco	-	80	-	407	48	-	-	-	-	-	31867
Paper, pulp and print	-	44	-	165	-	-	-	-	-	-	8777
Wood and wood products	-	-	-	-	-	-	-	-	-	-	7156
Construction	-	-	-	-	-	-	-	-	-	-	12324
Textile and leather	-	51	-	682	-	-	-	-	-	-	27782
Non-specified	10	1215	157	520	231	-	-	-	-	-	108939
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**17413**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	3243
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	14170
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**56**	**5577**	**156**	**3010**	**88**	**-**	**-**	**-**	**-**	**-**	**474089**
Residential	9	1113	-	2722	-	-	-	-	-	-	356361
Comm. and public services	47	4447	156	285	88	-	-	-	-	-	115412
Agriculture/forestry	-	17	-	3	-	-	-	-	-	-	873
Fishing	-	-	-	-	-	-	-	-	-	-	1443
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**11326**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	11326
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*11326*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	2465	-	-	-	791	699	3953	3548	56	6230
From other sources	202	-	698	-	-	-	-	-	-	-
Imports	17480	-	-	87	-	3118	-	850	-	12879
Exports	-	-	-400	-	-	-113	-2088	-959	-	-55
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-102
Intl. aviation bunkers	-	-	-	-	-	-	-	-2540	-	-
Stock changes	-80	-	-3	-	-	47	25	69	-22	-179
DOMESTIC SUPPLY	**20067**	**-**	**295**	**87**	**791**	**3751**	**1890**	**968**	**34**	**18773**
Transfers	-	-	1217	-	-	-	-	-	-	-1217
Statistical differences	366	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**20433**	**-**	**1512**	**87**	**-**	**-**	**-**	**-**	**-**	**102**
Electricity plants	-	-	-	-	-	-	-	-	-	102
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	20433	-	1512	87	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**791**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	791	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**3751**	**1890**	**968**	**34**	**17454**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**112**	**29**	**-**	**-**	**477**
Iron and steel	-	-	-	-	-	22	-	-	-	13
Chemical and petrochemical	-	-	-	-	-	56	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	2
Non-metallic minerals	-	-	-	-	-	20	9	-	-	251
Transport equipment	-	-	-	-	-	7	1	-	-	4
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	6	1	-	-	133
Paper, pulp and print	-	-	-	-	-	-	-	-	-	28
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	1	12	-	-	11
Non-specified	-	-	-	-	-	-	6	-	-	35
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**2838**	**1861**	**968**	**-**	**13432**
Domestic aviation	-	-	-	-	-	-	-	968	-	-
Road	-	-	-	-	-	2838	1861	-	-	13032
Rail	-	-	-	-	-	-	-	-	-	157
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	243
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**801**	**-**	**-**	**34**	**3515**
Residential	-	-	-	-	-	801	-	-	34	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	3479
Fishing	-	-	-	-	-	-	-	-	-	36
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**30**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	30
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	*30*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	3837	304	-	2458	131978	91	9741	1403	251963	88048
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1130	1091	2370	840	-	80	-	-	7953	-
Exports	-2621	-15	-	-700	-	-	-	-	-2696	-
Intl. marine bunkers	-930	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-114	43	-4	136	-	-	-	-	-	-
DOMESTIC SUPPLY	**1302**	**1423**	**2366**	**2734**	**131978**	**171**	**9741**	**1403**	**257220**	**88048**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**565**	**698**	**-**	**-**	**1559**	**-**	**9741**	**1403**	**-**	**3252**
Electricity plants	341	-	-	-	207	-	5979	1260	-	-
CHP plants	224	-	-	-	1352	-	3762	143	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	698	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	3252
ENERGY IND. OWN USE	**240**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**14447**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	748	-
Oil refineries	240	-	-	-	-	-	-	-	1129	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	12514	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	56	-
Losses	-	-	-	-	-	-	-	-	37331	-
FINAL CONSUMPTION	**497**	**725**	**2366**	**2734**	**130419**	**171**	**-**	**-**	**205442**	**84796**
INDUSTRY	**185**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**95844**	**84796**
Iron and steel	-	-	-	-	-	-	-	-	20684	-
Chemical and petrochemical	128	-	-	-	-	-	-	-	4183	-
Non-ferrous metals	1	-	-	-	-	-	-	-	2417	-
Non-metallic minerals	15	-	-	-	-	-	-	-	12195	-
Transport equipment	-	-	-	-	-	-	-	-	..	-
Machinery	-	-	-	-	-	-	-	-	5963	-
Mining and quarrying	-	-	-	-	-	-	-	-	1531	-
Food and tobacco	27	-	-	-	-	-	-	-	6603	-
Paper, pulp and print	1	-	-	-	-	-	-	-	3211	-
Wood and wood products	-	-	-	-	-	-	-	-	2165	-
Construction	-	-	-	-	-	-	-	-	2795	-
Textile and leather	-	-	-	-	-	-	-	-	15621	-
Non-specified	13	-	-	-	-	-	-	-	18476	84796
TRANSPORT	**247**	**-**	**-**	**-**	**-**	**171**	**-**	**-**	**916**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	171	-	-	-	-
Rail	-	-	-	-	-	-	-	-	740	-
Pipeline transport	-	-	-	-	-	-	-	-	176	-
Domestic navigation	247	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**65**	**-**	**-**	**-**	**130419**	**-**	**-**	**-**	**108682**	**-**
Residential	25	-	-	-	130419	-	-	-	46190	-
Comm. and public services	-	-	-	-	-	-	-	-	57330	-
Agriculture/forestry	-	-	-	-	-	-	-	-	5098	-
Fishing	40	-	-	-	-	-	-	-	64	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**725**	**2366**	**2734**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	725	2366	2106	-	-	-	-	-	-
of which: chem./petrochem.	-	*725*	-	*90*	-	-	-	-	-	-
in transport	-	-	-	628	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	767	668	1520	50444	4679	-	-	35361	52129	-	15038
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	5444	28535	-	-	568	-	-	-	-	-	1847516
Exports	-	-151	-	-	-88	-	-	-	-	-	-23899
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-6	-	69	-107	-	-	-	-	-	-13608
DOMESTIC SUPPLY	**6211**	**29046**	**1520**	**50513**	**5052**	**-**	**-**	**35361**	**52129**	**-**	**1825047**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	2516	-	-	-	1391	899	5112	5027	58	8643
From other sources	417	-	2416	-	-	-	-	-	-	-
Imports	25067	-	-	93	-	3451	-	180	-	12516
Exports	-	-	-418	-	-	-258	-3119	-565	-	-55
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-119
Intl. aviation bunkers	-	-	-	-	-	-	-	-3166	-	-
Stock changes	-890	-	-97	-	-	-145	8	-270	-14	-60
DOMESTIC SUPPLY	**27110**	**-**	**1901**	**93**	**1391**	**3947**	**2001**	**1206**	**44**	**20925**
Transfers	-	-	1651	-	-	-	-	-	-	-977

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	3631	275	463	3898	119114	136	10673	1906	259690	82777
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	1620	1577	3633	590	-	-	-	-	7411	-
Exports	-2594	-27	-270	-501	-	-	-	-	-2965	-
Intl. marine bunkers	-756	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	22	-35	-55	-20	-	-	-	-	-	-
DOMESTIC SUPPLY	**1923**	**1790**	**3771**	**3967**	**119114**	**136**	**10673**	**1906**	**264136**	**82777**
Transfers	-674	-	-	..	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	99	11548	-	-	3786	274	-	30503	55391	-	1531939
From other sources	-	-	-	-	-	-	-	527	-	-	-
Imports	6344	35421	-	-	925	14	-	-	-	-	1669594
Exports	-1	-424	-	-	-88	-24	-	-	-	-	-417381
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-276	-4605	-	-	-196	-15	-	-	-	-	-2991
DOMESTIC SUPPLY	**6166**	**41940**	**-**	**-**	**4427**	**249**	**-**	**31030**	**55391**	**-**	**2781161**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	324	68	-	-	-3	1	-	3	122	-	2358
TRANSFORMATION	**6350**	**39175**	**-**	**-**	**3253**	**-**	**-**	**9149**	**31383**	**-**	**880427**
Electricity plants	-	38216	-	-	-	-	-	7150	29707	-	675572
CHP plants	-	184	-	-	-	-	-	493	1008	-	110651
Heat plants	-	516	-	-	-	-	-	1506	645	-	93700
Blast furnaces	1373 e	-	-	-	3253 e	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	4977	259	-	-	-	-	-	-	-	-	504
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	23	-	-
ENERGY IND. OWN USE	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**16556**	**17037**	**-**	**177764**
Fuel mining and extraction	-	1	-	-	-	-	-	-	-	-	153582
Oil refineries	-	-	-	-	-	-	-	-	-	-	4104
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	16556	17037	-	20078
Losses	-	-	-	-	-	-	-	2455	6607	-	24683
FINAL CONSUMPTION	**140**	**2832**	**-**	**-**	**1171**	**250**	**-**	**2873**	**486**	**-**	**1700645**
INDUSTRY	**140**	**2238**	**-**	**-**	**1165**	**-**	**-**	**2873**	**486**	**-**	**332976**
Iron and steel	140 e	54	-	-	966 e	-	-	2281	486	-	19612
Chemical and petrochemical	-	78	-	-	-	-	-	-	-	-	52018
Non-ferrous metals	-	25	-	-	-	-	-	-	-	-	7088
Non-metallic minerals	-	1173	-	-	-	-	-	-	-	-	54490
Transport equipment	-	55	-	-	-	-	-	-	-	-	15632
Machinery	-	20	-	-	-	-	-	-	-	-	29891
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	54	-	-	-	-	-	-	-	-	73937
Paper, pulp and print	-	136	-	-	-	-	-	-	-	-	28258
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	7	-	-	-	-	-	-	-	-	15319
Textile and leather	-	59	-	-	-	-	-	-	-	-	18589
Non-specified	-	577	-	-	199	-	-	592	-	-	18142
TRANSPORT	**-**	**13**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	13	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**581**	**-**	**-**	**6**	**250**	**-**	**-**	**-**	**-**	**1348122**
Residential	-	547	-	-	6	250	-	-	-	-	1001164
Comm. and public services	-	28	-	-	-	-	-	-	-	-	307482
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	3191
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	6	-	-	-	-	-	-	-	-	36285
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**19547**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	19547
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*19547*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	37513	2453	-	52	2316	2375	15709	4635	2093	21775
From other sources	-	-	375	-	-	-	-	-	-	-
Imports	46581	2320	4908	105	-	423	3482	8174	617	12882
Exports	-28233	-1683	-1060	-54	-	-899	-8682	-1073	-164	-5404
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-1280
Intl. aviation bunkers	-	-	-	-	-	-	-	-10434	-	-
Stock changes	-177	-26	-83	-1	-	-30	94	197	44	-116
DOMESTIC SUPPLY	**55684**	**3064**	**4140**	**102**	**2316**	**1869**	**10603**	**1499**	**2590**	**27857**
Transfers	-	-2177	817	-	21	1836	1618	-598	578	-19
Statistical differences	-342	-	22	1	1	16	105	-98	11	76
TRANSFORMATION	**55342**	**887**	**4979**	**103**	**319**	**281**	**-**	**-**	**-**	**113**
Electricity plants	-	-	-	-	-	-	-	-	-	46
CHP plants	-	-	-	-	214	-	-	-	-	62
Heat plants	-	-	-	-	-	11	-	-	-	5
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	55342	887	4979	103	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	105	270	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**1907**	**-**	**-**	**-**	**-**	**647**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	647
Oil refineries	-	-	-	-	1907	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**112**	**3440**	**12326**	**803**	**3179**	**27154**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**355**	**-**	**-**	**1270**	**1872**
Iron and steel	-	-	-	-	-	3	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	92
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	179
Transport equipment	-	-	-	-	-	-	-	-	24	163
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	33
Paper, pulp and print	-	-	-	-	-	-	-	-	-	33
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	172
Textile and leather	-	-	-	-	-	-	-	-	-	49
Non-specified	-	-	-	-	-	352	-	-	1246	1151
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**88**	**12326**	**803**	**-**	**23908**
Domestic aviation	-	-	-	-	-	-	-	803	-	-
Road	-	-	-	-	-	88	12326	-	-	22674
Rail	-	-	-	-	-	-	-	-	-	607
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	627
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**316**	**-**	**-**	**1909**	**1357**
Residential	-	-	-	-	-	231	-	-	1909	159
Comm. and public services	-	-	-	-	-	-	-	-	-	691
Agriculture/forestry	-	-	-	-	-	85	-	-	-	242
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	265
NON-ENERGY USE	**-**	**-**	**-**	**-**	**112**	**2681**	**-**	**-**	**-**	**17**
in industry/transf./energy	-	-	-	-	112	2681	-	-	-	17
of which: chem./petrochem.	-	-	-	-	*112*	*2681*	-	-	-	*17*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	5408	2290	1745	2327	127606	553	89030	47938	338925	68024
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1003	732	537	1202	77423	1159	-	-	23244	-
Exports	-4150	-585	-567	-1225	-7247	-217	-	-	-2723	-
Intl. marine bunkers	-1059	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	147	-13	-55	28	-	-52	-	-	-	-
DOMESTIC SUPPLY	**1349**	**2424**	**1660**	**2332**	**197782**	**1443**	**89030**	**47938**	**359446**	**68024**
Transfers	-616	-1613	-	153	-	-	-	-	-	-
Statistical differences	-6	-10	70	10	-	-	1	-	-	-
TRANSFORMATION	**199**	**-**	**91**	**-**	**112693**	**-**	**84438**	**43862**	**-**	**-**
Electricity plants	126	-	-	-	112465	-	76664	25925	-	-
CHP plants	21	-	-	-	-	-	7774	15227	-	-
Heat plants	52	-	-	-	228	-	-	2710	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	91	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**174**	**-**	**1164**	**-**	**-**	**-**	**-**	**-**	**27872**	**11947**
Fuel mining and extraction	-	-	-	-	-	-	-	-	1300	-
Oil refineries	174	-	1164	-	-	-	-	-	4548	11947
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	16519	-
Pumped storage plants	-	-	-	-	-	-	-	-	3884	-
Other energy ind. own use	-	-	-	-	-	-	-	-	1621	-
Losses	-	-	-	-	-	-	-	-	28011	-
FINAL CONSUMPTION	**354**	**801**	**475**	**2495**	**85089**	**1443**	**4593**	**4076**	**303563**	**56077**
INDUSTRY	**171**	**38**	**326**	**-**	**21890**	**-**	**528**	**2572**	**93526**	**37497**
Iron and steel	4	-	-	-	-	-	-	-	3786	-
Chemical and petrochemical	24	-	-	-	-	-	-	-	16029	19556
Non-ferrous metals	-	-	-	-	-	-	-	-	4464	-
Non-metallic minerals	6	-	-	-	-	-	-	-	6389	-
Transport equipment	-	-	-	-	-	-	-	-	4686	-
Machinery	5	-	-	-	-	-	-	-	12597	-
Mining and quarrying	-	-	-	-	-	-	-	-	154	-
Food and tobacco	73	-	-	-	-	-	-	-	10411	-
Paper, pulp and print	-	-	-	-	-	-	-	-	10532	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	6	-	-	-	-	-	-	-	1373	-
Textile and leather	-	-	-	-	-	-	-	-	2709	-
Non-specified	53	38	326	-	21890	-	528	2572	20396	17941
TRANSPORT	**87**	**-**	**-**	**-**	**-**	**1443**	**-**	**-**	**4260**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	1443	-	-	68	-
Rail	-	-	-	-	-	-	-	-	4192	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	87	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**96**	**-**	**-**	**-**	**63199**	**-**	**4065**	**1504**	**205777**	**18580**
Residential	-	-	-	-	54665	-	-	614	108881	2174
Comm. and public services	78	-	-	-	-	-	2553	890	93168	16406
Agriculture/forestry	5	-	-	-	8534	-	1512	-	3728	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	13	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**763**	**149**	**2495**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	763	149	2370	-	-	-	-	-	-
of which: chem./petrochem.	-	*763*	-	-	-	-	-	-	-	-
in transport	-	-	-	59	-	-	-	-	-	-
in other	-	-	-	66	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	167	8359	-	-	2845	231	-	24803	50870	-	1659633
From other sources	-	-	-	-	-	-	-	1582	-	-	-
Imports	4750	20733	-	-	1112	20	-	-	-	-	1748777
Exports	-1	-376	-	-	-210	-22	-	-	-	-	-557206
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	174	4166	-	-	197	-	-	-	-	-	963
DOMESTIC SUPPLY	**5090**	**32882**	**-**	**-**	**3944**	**229**	**-**	**26385**	**50870**	**-**	**2852167**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	42864	2462	-	51	2463	2219	16462	4973	2031	20674
From other sources	-	-	445	-	-	-	-	-	-	-
Imports	42874	2375	5365	57	-	499	4241	8280	855	14520
Exports	-29982	-1812	-1930	-40	-	-709	-10193	-1201	-151	-4598
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-1575
Intl. aviation bunkers	-	-	-	-	-	-	-	-10363	-	-
Stock changes	-204	54	87	1	-	14	-137	-201	-46	-205
DOMESTIC SUPPLY	**55552**	**3079**	**3967**	**69**	**2463**	**2023**	**10373**	**1488**	**2689**	**28816**
Transfers	-	-2307	1135	-	-	2026	1675	-502	472	-83

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	5094	2388	1736	2508	127606	553	86017	57901	337703	68024
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	909	837	309	1053	109724	901	-	-	22716	-
Exports	-3430	-511	-452	-1387	-7247	-217	-	-	-1778	-
Intl. marine bunkers	-697	-	-	..	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-83	-9	-22	38	-	-11	-	-	-	-
DOMESTIC SUPPLY	**1793**	**2705**	**1571**	**2212**	**230083**	**1226**	**86017**	**57901**	**358641**	**68024**
Transfers	-1013	-1549	-73	219	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	72717	363017	397913	72109	13747	-	49833	82254	128437	-	28026934
From other sources	-	12121	320	-	-	-	-	-	-	-	49833
Imports	1448	8075	673	101	69	-	-	-	-	-	2896914
Exports	-54495	-27847	-5866	-21	-858	-	-	-	-	-	-1613403
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	399	-9337	3423	4296	68	-	-	-	-	-	-273664
DOMESTIC SUPPLY	**20069**	**346029**	**396463**	**76485**	**13026**	**-**	**49833**	**82254**	**128437**	**-**	**29086614**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-749	-2459	2215	-6688	-	-	-	-	-	-	-68295
TRANSFORMATION	**19320**	**320783**	**392118**	**69336**	**10112**	**-**	**49833**	**4935**	**37219**	**-**	**9804227**
Electricity plants	-	305416	389606	63938	-	-	-	961	6974	-	7663850
CHP plants	-	14430	2512	7	-	-	-	3974	30245	-	1938431
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	937 e	-	-	10112 e	-	-	-	-	-	-
Gas works	-	-	-	5391	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	19320	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	49833	-	-	-	201946
ENERGY IND. OWN USE	**-**	**62**	**1**	**-**	**-**	**-**	**-**	**36885**	**28589**	**-**	**2685152**
Fuel mining and extraction	-	62	1	-	-	-	-	-	-	-	1635865
Oil refineries	-	-	-	-	-	-	-	-	-	-	969749
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	36885	28589	-	79538
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**22725**	**6559**	**461**	**2914**	**-**	**-**	**40434**	**62629**	**-**	**16528940**
INDUSTRY	**-**	**21748**	**6035**	**461**	**2914**	**-**	**-**	**40434**	**62629**	**-**	**5622545**
Iron and steel	-	270 e	-	-	2914 e	-	-	276	62629	-	429589
Chemical and petrochemical	-	4511	1306	427	-	-	-	-	-	-	1879742
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	175715
Non-metallic minerals	-	8803	524	-	-	-	-	-	-	-	352823
Transport equipment	-	32	-	-	-	-	-	-	-	-	189557
Machinery	-	287	-	-	-	-	-	-	-	-	452438
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	85278
Food and tobacco	-	3179	3257	34	-	-	-	-	-	-	784733
Paper, pulp and print	-	3628	640	-	-	-	-	-	-	-	402173
Wood and wood products	-	24	-	-	-	-	-	-	-	-	53989
Construction	-	-	-	-	-	-	-	-	-	-	18771
Textile and leather	-	124	-	-	-	-	-	-	-	-	45852
Non-specified	-	890	308	-	-	-	-	40158	-	-	751885
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**948328**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	38303
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	910025
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**977**	**524**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**9276815**
Residential	-	-	-	-	-	-	-	-	-	-	5523286
Comm. and public services	-	977	524	-	-	-	-	-	-	-	3694416
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	59113
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**681252**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	681252
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*681252*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	429633	94079	-	-	15369	11394	343993	71966	913	243731
From other sources	3926	-	-	2667	-	-	-	-	-	-
Imports	362294	3823	27364	95	-	-	28079	4614	1	10713
Exports	-17329	-22377	-7760	-2484	-	-	-23653	-7628	-457	-53915
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-4253
Intl. aviation bunkers	-	-	-	-	-	-	-	-21071	-	-
Stock changes	-3146	-3328	38	-193	-	-478	-738	122	-31	-560
DOMESTIC SUPPLY	**775378**	**72197**	**19642**	**85**	**15369**	**10916**	**347681**	**48003**	**426**	**195716**
Transfers	-	-53564	1151	-	-	52337	1227	-518	-1	406
Statistical differences	10302	-	-	-	-	-	-	-	-	300
TRANSFORMATION	**785680**	**16564**	**20793**	**85**	**1679**	**-**	**-**	**70**	**136**	**1947**
Electricity plants	-	-	-	-	410 e	-	-	69	135	1828
CHP plants	-	-	-	-	1269 e	-	-	1	1	119
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	785680	16564	20793	85	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**12298**	**190**	**1400**	**34**	**1**	**7017**
Fuel mining and extraction	-	-	-	-	-	-	1397	-	-	6976
Oil refineries	-	-	-	-	12298 e	190	3	34	1	41
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**2069**	**-**	**-**	**1392**	**63063**	**347508**	**47381**	**288**	**187458**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**3170**	**341**	**-**	**-**	**14410**
Iron and steel	-	-	-	-	-	84	-	-	-	114
Chemical and petrochemical	-	-	-	-	-	669	-	-	-	1496
Non-ferrous metals	-	-	-	-	-	9	-	-	-	24
Non-metallic minerals	-	-	-	-	-	421	-	-	-	469
Transport equipment	-	-	-	-	-	55	-	-	-	78
Machinery	-	-	-	-	-	508	-	-	-	736
Mining and quarrying	-	-	-	-	-	-	341	-	-	2747
Food and tobacco	-	-	-	-	-	82	-	-	-	371
Paper, pulp and print	-	-	-	-	-	71	-	-	-	130
Wood and wood products	-	-	-	-	-	34	-	-	-	473
Construction	-	-	-	-	-	1208	-	-	-	7546
Textile and leather	-	-	-	-	-	29	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	226
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**1353**	**342589**	**47381**	**-**	**145973**
Domestic aviation	-	-	-	-	-	-	-	47381	-	-
Road	-	-	-	-	-	1353	338324	-	-	131145
Rail	-	-	-	-	-	-	-	-	-	11453
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	4265	-	-	3375
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**18163**	**4578**	**-**	**288**	**23781**
Residential	-	-	-	-	-	12563	-	-	249	7878
Comm. and public services	-	-	-	-	-	4749	894	-	39	5800
Agriculture/forestry	-	-	-	-	-	851	3684	-	-	10103
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**2069**	**-**	**-**	**1392**	**40377**	**-**	**-**	**-**	**3294**
in industry/transf./energy	-	2069	-	-	1392	40377	-	-	-	3294
of which: chem./petrochem.	*-*	*2069*	*-*	*-*	*1392*	*40377*	*-*	*-*	*-*	*3294*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	23820	8740	58142	42006	2369657	46758	183110	353690	4339210 e	428607
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	11694	1188	379	5123	-	1330	-	-	66511	-
Exports	-20932	-	-35842	-5157	-	-2773	-	-	-13298	-
Intl. marine bunkers	-10531	-	-	-	-	-77	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	588	-41	-103	-16	-	-241	-	-	-	-
DOMESTIC SUPPLY	**4639**	**9887**	**22576**	**41956**	**2369657**	**44997**	**183110**	**353690**	**4392423**	**428607**
Transfers	39	-	-	-1077	-	-	-	-	-	-
Statistical differences	-25	-	397	1	1	1	1	-	-	1
TRANSFORMATION	**2358**	**-**	**3830**	**95**	**484876**	**133**	**162387**	**312821**	**-**	**-**
Electricity plants	2032	-	3350	50	232952	35	148209	262505	-	-
CHP plants	326	-	480	45	251924	98	14178	50316	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**274**	**-**	**15526**	**21**	**90**	**276**	**-**	**-**	**349308**	**142970**
Fuel mining and extraction	212	-	-	-	-	276	-	-	42100	-
Oil refineries	62	-	15526	21	90	-	-	-	46077	57249
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	216819	85721
Pumped storage plants	-	-	-	-	-	-	-	-	26227	-
Other energy ind. own use	-	-	-	-	-	-	-	-	18085	-
Losses	-	-	-	-	-	-	-	-	255322	51433
FINAL CONSUMPTION	**2021**	**9887**	**3617**	**40764**	**1884692**	**44589**	**20724**	**40869**	**3787793**	**234205**
INDUSTRY	**842**	**-**	**2652**	**-**	**1192040**	**699**	**19162**	**23092**	**821040**	**185058**
Iron and steel	65	-	-	-	-	2	-	-	46346	6793
Chemical and petrochemical	242	-	-	-	1728	27	65	9671	111033	113402
Non-ferrous metals	-	-	-	-	-	-	-	-	71389	3628
Non-metallic minerals	29	-	840	-	17697	12	-	83	31877	138
Transport equipment	16	-	-	-	-	1	22	-	50225	4475
Machinery	1	-	109	-	-	13	-	-	140908	3355
Mining and quarrying	183	-	-	-	-	85	-	-	32236	-
Food and tobacco	48	-	-	-	23463	7	103	484	74053	20445
Paper, pulp and print	179	-	183	-	1088287	407	18853	9715	56576	17198
Wood and wood products	34	-	-	-	55786	8	-	-	19513	9412
Construction	-	-	-	-	-	133	-	-	55307	-
Textile and leather	45	-	-	-	-	-	-	-	16709	5409
Non-specified	-	-	1520	-	5079	4	119	3139	114868	803
TRANSPORT	**510**	**-**	**-**	**-**	**-**	**43210**	**-**	**-**	**7605**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	42480	-	-	881	-
Rail	-	-	-	-	-	202	-	-	6724	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	510	-	-	-	-	528	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**669**	**-**	**-**	**-**	**692652**	**680**	**1562**	**17777**	**2959148**	**49147**
Residential	-	-	-	-	593682	-	-	-	1416977	-
Comm. and public services	661	-	-	-	61546	98	1554	17777	1349929	49147
Agriculture/forestry	8	-	-	-	37424	582	8	-	27671	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	164571 e	-
NON-ENERGY USE	**-**	**9887**	**965**	**40764**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	9887	965	40510	-	-	-	-	-	-
of which: chem./petrochem.	-	*9887*	-	*1511*	-	-	-	-	-	-
in transport	-	-	-	254	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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United States: provisional energy supply for 2015

SUPPLY	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	57368	308935	381071	64119	12453	-	50046	74522	115336	-	29426167
From other sources	-	1286	-	-	-	-	-	-	-	-	50046
Imports	1558	6497	2114	100	127	-	-	-	-	-	2925904
Exports	-41737	-20012	-5322	-22	-777	-	-	-	-	-	-1893621
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	419	-10522	-35216	2718	105	-	-	-	-	-	-564229
DOMESTIC SUPPLY	**17608**	**286184**	**342647**	**66915**	**11908**	**-**	**50046**	**74522**	**115336**	**-**	**29944267**

SUPPLY	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	465163	102145	-	-	14615	10651	351371	73661	798	243450
From other sources	3914	-	-	2495	-	-	-	-	-	-
Imports	362596	3837	27028	156	-	-	31799	5957	228	9784
Exports	-22603	-30785	-12575	-2607	-	-	-26688	-7757	-604	-58045
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-4627
Intl. aviation bunkers	-	-	-	-	-	-	-	-21892	-	-
Stock changes	-12407	87	-662	56	-	-405	-579	-124	-60	-971
DOMESTIC SUPPLY	**796663**	**75284**	**13791**	**100**	**14615**	**10246**	**355903**	**49845**	**362**	**189591**
Transfers	-	-56296	268	-	-	53901	2257	300	-38	581

SUPPLY	Oil cont. (kt)				Biofuels and waste				Electricity	Heat
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)	(GWh)	(TJ)
Production	22867	8114	57843	43752	2207055	47559	177886	322762	4312198	440862
From other sources	-	-	-	..	-	-	-	-	-	-
Imports	12006	1396	696	5274	-	1938	-	-	75603	-
Exports	-18487	-	-35547	-5108	-	-2596	-	-	-9145	-
Intl. marine bunkers	-10536	-	-	..	-	-77	-	-	-	-
Intl. aviation bunkers	-	-	-	..	-	-	-	-	-	-
Stock changes	-1586	25	266	-683	-	-829	-	-	-	-
DOMESTIC SUPPLY	**4264**	**9535**	**23258**	**43235**	**2207055**	**45995**	**177886**	**322762**	**4378656**	**440862**
Transfers	117	-	-	-1090	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.
2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.
5. Includes both primary and secondary solid biofuels.

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NON-OECD COUNTRIES

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Albania

2014

SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	1155
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	133	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**133**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1155**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-2	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**837**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	837
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**131**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**318**
INDUSTRY	**-**	**125**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**318**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	125	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	276
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	42
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**6**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	1	-	-	-	-	-	-	-	-	-
Comm. and public services	-	5	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	1368	-	-	-	12	-	-	-	-	89
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	50	-	-	-	-	157	177	8	-	951
Exports	-1057	-	-	-	-	-	-	-	-	-53
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-20
Intl. aviation bunkers	-	-	-	-	-	-	-	-8	-	-
Stock changes	-	-	-	-	-	-36	-57	-	-	-214
DOMESTIC SUPPLY	**361**	**-**	**-**	**-**	**12**	**121**	**120**	**-**	**-**	**753**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**361**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	361	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**12**	**3**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	3	-	-	-	-
Oil refineries	-	-	-	-	12	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**118**	**120**	**-**	**-**	**753**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**6**	**3**	**-**	**-**	**7**
Iron and steel	-	-	-	-	-	-	-	-	-	2
Chemical and petrochemical	-	-	-	-	-	1	-	-	-	1
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	2	-	-	-	1
Paper, pulp and print	-	-	-	-	-	-	-	-	-	1
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	1
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	3	3	-	-	1
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**5**	**108**	**-**	**-**	**673**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	5	103	-	-	642
Rail	-	-	-	-	-	-	-	-	-	2
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	5	-	-	29
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**107**	**9**	**-**	**-**	**73**
Residential	-	-	-	-	-	79	-	-	-	-
Comm. and public services	-	-	-	-	-	28	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	48
Fishing	-	-	-	-	-	-	9	-	-	25
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	2	17	76	140	8457	-	-	-	4724	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1	-	92	49	435	29	-	-	3250	-
Exports	-	-9	-17	-73	-803	-	-	-	-183	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**3**	**8**	**151**	**116**	**8089**	**29**	**-**	**-**	**7791**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-1	-	-	-	-	16	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**12**	**-**	**-**	**-**	**-**	**165**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	60	-
Oil refineries	-	-	-	-	-	-	-	-	52	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	16	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	12	-	-	-	-	37	-
Losses	-	-	-	-	-	-	-	-	1119	-
FINAL CONSUMPTION	**3**	**8**	**151**	**103**	**8089**	**29**	**-**	**-**	**6523**	**-**
INDUSTRY	**3**	**-**	**151**	**12**	**419**	**-**	**-**	**-**	**1466**	**-**
Iron and steel	-	-	46	-	-	-	-	-	188	-
Chemical and petrochemical	-	-	6	1	-	-	-	-	117	-
Non-ferrous metals	-	-	-	-	-	-	-	-	103	-
Non-metallic minerals	-	-	77	-	-	-	-	-	93	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	102	-
Food and tobacco	-	-	11	9	419	-	-	-	287	-
Paper, pulp and print	-	-	-	-	-	-	-	-	118	-
Wood and wood products	-	-	-	-	-	-	-	-	11	-
Construction	-	-	7	-	-	-	-	-	143	-
Textile and leather	-	-	-	1	-	-	-	-	187	-
Non-specified	3	-	4	1	-	-	-	-	117	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**29**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	29	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**12**	**7670**	**-**	**-**	**-**	**5057**	**-**
Residential	-	-	-	-	6699	-	-	-	3500	-
Comm. and public services	-	-	-	8	469	-	-	-	1372	-
Agriculture/forestry	-	-	-	4	502	-	-	-	185	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**8**	**-**	**79**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	8	-	72	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	7	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	2042	-	3266332
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	20	-	-	-	236	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-1765448
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	1	-	-	-	-30	-	-	-	-	-	-
DOMESTIC SUPPLY	**21**	**-**	**-**	**-**	**206**	**-**	**-**	**-**	**2042**	**-**	**1500884**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-1	-	-	-	-	-	-6614
TRANSFORMATION	**21**	**-**	**-**	**-**	**181**	**-**	**-**	**-**	**-**	**-**	**623247**
Electricity plants	-	-	-	-	-	-	-	-	-	-	623247
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	181	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	21	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**244509**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	27633
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	216876
Losses	-	-	-	-	2	-	-	-	1402	-	21018
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**22**	**-**	**-**	**-**	**640**	**-**	**605496**
INDUSTRY	**-**	**-**	**-**	**-**	**22**	**-**	**-**	**-**	**640**	**-**	**151144**
Iron and steel	-	-	-	-	22	-	-	-	640	-	10216
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	2010
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	70529
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	19301
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	43184
Textile and leather	-	-	-	-	-	-	-	-	-	-	1340
Non-specified	-	-	-	-	-	-	-	-	-	-	4564
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**24744**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	24744
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**317611**
Residential	-	-	-	-	-	-	-	-	-	-	279762
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	2345
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	35504
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**111997**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	111997
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*111997*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	50805	18318	-	-	363	804	3007	2001	-	9027
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	294	-	-	-	-	-	1033	-	-	1088
Exports	-23550	-4805	-	-	-	-7191	-	-1481	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-56
Intl. aviation bunkers	-	-	-	-	-	-	-	-415	-	-
Stock changes	-747	-153	-	-	-	12	18	14	-	-162
DOMESTIC SUPPLY	**26802**	**13360**	**-**	**-**	**363**	**-6375**	**4058**	**119**	**-**	**9897**
Transfers	-	-8540	-	-	-	8372	-	-	-	-
Statistical differences	159	262	-	-	-	-53	79	-	-	-
TRANSFORMATION	**26041**	**5067**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**365**
Electricity plants	-	-	-	-	-	-	-	-	-	365
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	26041	5067	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**509**	**-**	**-**	**-**	**363**	**48**	**-**	**-**	**-**	**-**
Fuel mining and extraction	27	-	-	-	-	-	-	-	-	-
Oil refineries	482	-	-	-	363	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	48	-	-	-	-
Losses	411	15	-	-	-	1	15	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**1895**	**4122**	**119**	**-**	**9532**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**79**	**-**	**-**	**-**	**625**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	2
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	14	-	-	-	327
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	65	-	-	-	296
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**311**	**4085**	**119**	**-**	**8679**
Domestic aviation	-	-	-	-	-	-	-	119	-	-
Road	-	-	-	-	-	311	4085	-	-	8679
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**1505**	**37**	**-**	**-**	**228**
Residential	-	-	-	-	-	1457	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	9	-	-	-	20
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	39	37	-	-	208
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	6594	8721	-	520	251	-	-	-	64242	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	180	-	-	772	-	-	-	-	686	-
Exports	-6464	-8642	-	-115	-	-	-	-	-877	-
Intl. marine bunkers	-209	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-79	48	-	28	-	-	-	-	-	-
DOMESTIC SUPPLY	**22**	**127**	**-**	**1205**	**251**	**-**	**-**	**-**	**64051**	**-**
Transfers	-	168	-	1	-	-	-	-	-	-
Statistical differences	-	-	-	-75	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**7297**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	64	-
Oil refineries	-	-	-	-	-	-	-	-	470	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	6549	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	214	-
Losses	-	-	-	-	-	-	-	-	11003	-
FINAL CONSUMPTION	**22**	**295**	**-**	**1131**	**251**	**-**	**-**	**-**	**45751**	**-**
INDUSTRY	**22**	**-**	**-**	**23**	**-**	**-**	**-**	**-**	**16020**	**-**
Iron and steel	-	-	-	-	-	-	-	-	1109	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	1114	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	2245	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	1600	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	1420	-
Textile and leather	-	-	-	-	-	-	-	-	343	-
Non-specified	22	-	-	23	-	-	-	-	8189	-
TRANSPORT	**-**	**-**	**-**	**88**	**-**	**-**	**-**	**-**	**867**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	88	-	-	-	-	803	-
Pipeline transport	-	-	-	-	-	-	-	-	64	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**251**	**-**	**-**	**-**	**28864**	**-**
Residential	-	-	-	-	251	-	-	-	17579	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	1397	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	9888	-
NON-ENERGY USE	**-**	**295**	**-**	**1020**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	295	-	1020	-	-	-	-	-	-
of which: chem./petrochem.	-	*295*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	28120
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-16340
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**11780**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1421**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	1421
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10359**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10359**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	10359
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	83584	520	-	-	69	31	27	393	69	532
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	52	1400	137	6	3579
Exports	-81274	-	-	-	-	-356	-7	-8	-	-32
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-225	-	-
Stock changes	-	-	-	-	-	-	-	-49	-39	-
DOMESTIC SUPPLY	**2310**	**520**	**-**	**-**	**69**	**-273**	**1420**	**248**	**36**	**4079**
Transfers	-	-520	-	-	-	520	-	-	-	-
Statistical differences	-	-	-	-	-	-	-370	-	-	2
TRANSFORMATION	**2310**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1000**
Electricity plants	-	-	-	-	-	-	-	-	-	1000
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	2310	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**69**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	69	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**247**	**1050**	**248**	**36**	**3081**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**2**	**20**	**-**	**36**	**157**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	8	-	-	157
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	2	12	-	36	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**940**	**248**	**-**	**1490**
Domestic aviation	-	-	-	-	-	-	-	248	-	-
Road	-	-	-	-	-	-	940	-	-	1467
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	23
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**245**	**90**	**-**	**-**	**1434**
Residential	-	-	-	-	-	233	-	-	-	389
Comm. and public services	-	-	-	-	-	12	82	-	-	1033
Agriculture/forestry	-	-	-	-	-	-	-	-	-	12
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	8	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	921	190	-	3	299635	-	-	-	9480	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	25	-	-	372	-	-	-	-	-	-
Exports	-408	-188	-	-	-	-	-	-	-	-
Intl. marine bunkers	-370	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	20	-	-130	-	-	-	-	-	-
DOMESTIC SUPPLY	**168**	**22**	**-**	**245**	**299635**	**-**	**-**	**-**	**9480**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**75**	**-**	**-**	**-**	**76134**	**-**	**-**	**-**	**-**	**-**
Electricity plants	75	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	76134	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**234**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	234	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1068	-
FINAL CONSUMPTION	**93**	**22**	**-**	**245**	**223501**	**-**	**-**	**-**	**8178**	**-**
INDUSTRY	**93**	**-**	**-**	**-**	**5296**	**-**	**-**	**-**	**2757**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	21	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	72	-	-	-	5296	-	-	-	2757	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**218205**	**-**	**-**	**-**	**5421**	**-**
Residential	-	-	-	-	218205	-	-	-	5421	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**22**	**-**	**245**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	22	-	245	-	-	-	-	-	-
of which: chem./petrochem.	-	*22*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	83	-	-	840	-	-	9556	10048	-	1512840
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	1001	1219	-	-	-	-	-	-	-	-	453541
Exports	-	-	-	-	-58	-	-	-	-	-	-2465
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	28	-	-	-	-	-	-
DOMESTIC SUPPLY	**1001**	**1302**	**-**	**-**	**810**	**-**	**-**	**9556**	**10048**	**-**	**1963916**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	1	3999	-	46846
TRANSFORMATION	**1001**	**1302**	**-**	**-**	**727**	**-**	**-**	**447**	**5568**	**-**	**720541**
Electricity plants	-	1302	-	-	-	-	-	447	5568	-	720541
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	727	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	1001	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**279141**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	194565
Oil refineries	-	-	-	-	-	-	-	-	-	-	84576
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	10435
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**83**	**-**	**-**	**9110**	**8479**	**-**	**1000645**
INDUSTRY	**-**	**-**	**-**	**-**	**83**	**-**	**-**	**9110**	**8479**	**-**	**327020**
Iron and steel	-	-	-	-	83	-	-	9110	8479	-	83922
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	8897
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	53651
Transport equipment	-	-	-	-	-	-	-	-	-	-	1876
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	74144
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	13018
Wood and wood products	-	-	-	-	-	-	-	-	-	-	711
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	5088
Non-specified	-	-	-	-	-	-	-	-	-	-	85713
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**154187**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	111068
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	43119
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**445194**
Residential	-	-	-	-	-	-	-	-	-	-	393561
Comm. and public services	-	-	-	-	-	-	-	-	-	-	51633
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**74244**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	74244
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*74244*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	28664	2934	-	369	1039	1314	5244	1413	16	9311
From other sources	-	-	488	-	-	-	-	-	-	-
Imports	509	-	-	-	-	-	330	74	-	3390
Exports	-1979	-	-	-	-	-867	-	-	-	-302
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-157
Intl. aviation bunkers	-	-	-	-	-	-	-	-860	-	-
Stock changes	184	-	-	-	-	-5	-14	8	7	-33
DOMESTIC SUPPLY	**27378**	**2934**	**488**	**369**	**1039**	**442**	**5560**	**635**	**23**	**12209**
Transfers	-	-2874	3302	-	-	2664	-33	-1	1	-
Statistical differences	-312	-	120	-	24	-24	10	-175	-7	114
TRANSFORMATION	**27066**	**60**	**3910**	**369**	**74**	**11**	**-**	**-**	**-**	**1689**
Electricity plants	-	-	-	-	74	11	-	-	-	1689
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	27066	60	3910	369	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**904**	**-**	**-**	**-**	**-**	**2**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	904	-	-	-	-	2
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	85	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**3071**	**5537**	**459**	**17**	**10632**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**213**	**193**	**-**	**-**	**118**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	213	193	-	-	118
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**5340**	**459**	**-**	**6638**
Domestic aviation	-	-	-	-	-	-	-	459	-	-
Road	-	-	-	-	-	-	5340	-	-	6359
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	279
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**1727**	**4**	**-**	**17**	**3876**
Residential	-	-	-	-	-	1397	-	-	17	-
Comm. and public services	-	-	-	-	-	233	1	-	-	118
Agriculture/forestry	-	-	-	-	-	97	3	-	-	3758
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**1131**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	1131	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*1131*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	4617	2954	1411	3978	113618	3468	-	-	141586	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	592	17	-	2506	-	-	-	-	10024	-
Exports	-189	-671	-5	-7	-	-1915	-	-	-166	-
Intl. marine bunkers	-1408	-	-	-7	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-17	-	-4	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**3595**	**2300**	**1402**	**6470**	**113618**	**1553**	**-**	**-**	**151444**	**-**
Transfers	-	-1429	-	-1873	-	-	-	-	-	-
Statistical differences	-170	-	-144	-	27	-	-	-	4	-
TRANSFORMATION	**2801**	**-**	**901**	**-**	**51540**	**47**	**-**	**-**	**-**	**-**
Electricity plants	2801	-	-	-	39791	47	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	901	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	11749	-	-	-	-	-
ENERGY IND. OWN USE	**241**	**-**	**62**	**-**	**-**	**-**	**-**	**-**	**4443**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	241	-	62	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	3900	-
Pumped storage plants	-	-	-	-	-	-	-	-	543	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	20248	-
FINAL CONSUMPTION	**383**	**871**	**295**	**4597**	**62106**	**1506**	**-**	**-**	**126757**	**-**
INDUSTRY	**176**	**4**	**295**	**3450**	**44828**	**-**	**-**	**-**	**51881**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	176	4	295	3450	44828	-	-	-	51881	-
TRANSPORT	**59**	**-**	**-**	**2**	**-**	**1506**	**-**	**-**	**595**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	1506	-	-	-	-
Rail	-	-	-	-	-	-	-	-	595	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	59	-	-	2	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**145**	**-**	**-**	**-**	**17278**	**-**	**-**	**-**	**74281**	**-**
Residential	-	-	-	-	10829	-	-	-	43880	-
Comm. and public services	61	-	-	-	6448	-	-	-	29354	-
Agriculture/forestry	84	-	-	-	-	-	-	-	1047	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**3**	**867**	**-**	**1145**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	3	867	-	1145	-	-	-	-	-	-
of which: chem./petrochem.	*3*	*867*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	87539
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**87539**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-1948
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**30738**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	30738
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**54853**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**9622**
Iron and steel	-	-	-	-	-	-	-	-	-	-	640
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	256
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	540
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	4017
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	45
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	215
Food and tobacco	-	-	-	-	-	-	-	-	-	-	3318
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	128
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	294
Textile and leather	-	-	-	-	-	-	-	-	-	-	10
Non-specified	-	-	-	-	-	-	-	-	-	-	159
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**13141**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	13141
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**32090**
Residential	-	-	-	-	-	-	-	-	-	-	24200
Comm. and public services	-	-	-	-	-	-	-	-	-	-	7890
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	8	129	40	-	145
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-42	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**8**	**129**	**-2**	**-**	**145**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	8	2	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**8**	**137**	**-**	**-**	**145**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**2**	**16**	**-**	**-**	**12**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	16	-	-	12
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	2	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**121**	**-**	**-**	**133**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	121	-	-	133
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**6**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	1	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	5	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	1419	-	-	-	7750	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	37	-	-	-	-	206	-
Exports	-	-	-	-	-	-	-	-	-1314	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**37**	**1419**	**-**	**-**	**-**	**6642**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-8	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**361**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	361	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	929	-
FINAL CONSUMPTION	**-**	**-**	**-**	**29**	**1419**	**-**	**-**	**-**	**5352**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**1**	**-**	**-**	**-**	**1479**	**-**
Iron and steel	-	-	-	-	-	-	-	-	99	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	20	-
Non-ferrous metals	-	-	-	-	-	-	-	-	180	-
Non-metallic minerals	-	-	-	-	1	-	-	-	163	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	28	-
Mining and quarrying	-	-	-	-	-	-	-	-	593	-
Food and tobacco	-	-	-	-	-	-	-	-	285	-
Paper, pulp and print	-	-	-	-	-	-	-	-	21	-
Wood and wood products	-	-	-	-	-	-	-	-	3	-
Construction	-	-	-	-	-	-	-	-	33	-
Textile and leather	-	-	-	-	-	-	-	-	10	-
Non-specified	-	-	-	-	-	-	-	-	44	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**115**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	6	-
Rail	-	-	-	-	-	-	-	-	76	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	33	-
OTHER	**-**	**-**	**-**	**-**	**1418**	**-**	**-**	**-**	**3758**	**-**
Residential	-	-	-	-	1418	-	-	-	1924	-
Comm. and public services	-	-	-	-	-	-	-	-	997	-
Agriculture/forestry	-	-	-	-	-	-	-	-	172	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	665	-
NON-ENERGY USE	**-**	**-**	**-**	**29**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	28	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	1	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	753335
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-316112
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	11718
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**448941**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-1422
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**239719**
Electricity plants	-	-	-	-	-	-	-	-	-	-	136593
CHP plants	-	-	-	-	-	-	-	-	-	-	95888
Heat plants	-	-	-	-	-	-	-	-	-	-	7238
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**18436**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	8245
Oil refineries	-	-	-	-	-	-	-	-	-	-	8808
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	1383
Losses	-	-	-	-	-	-	-	-	-	-	36794
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**152570**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**41343**
Iron and steel	-	-	-	-	-	-	-	-	-	-	1719
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	10077
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	160
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	10355
Transport equipment	-	-	-	-	-	-	-	-	-	-	351
Machinery	-	-	-	-	-	-	-	-	-	-	1019
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	301
Food and tobacco	-	-	-	-	-	-	-	-	-	-	14315
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	101
Wood and wood products	-	-	-	-	-	-	-	-	-	-	121
Construction	-	-	-	-	-	-	-	-	-	-	1746
Textile and leather	-	-	-	-	-	-	-	-	-	-	180
Non-specified	-	-	-	-	-	-	-	-	-	-	898
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**16**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	16
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**110036**
Residential	-	-	-	-	-	-	-	-	-	-	100619
Comm. and public services	-	-	-	-	-	-	-	-	-	-	7499
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	1918
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1175**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	1175
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*1175*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	39443	2680	-	-	246	184	1238	709	-	2946
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	194	-	5	1
Exports	-32903	-2324	-	-	-	-35	-13	-196	-	-1523
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-74
Intl. aviation bunkers	-	-	-	-	-	-	-	-347	-	-
Stock changes	-14	-	-	-	-	3	-30	6	-	-32
DOMESTIC SUPPLY	**6526**	**356**	**-**	**-**	**246**	**152**	**1389**	**172**	**5**	**1318**
Transfers	-	-47	-	-	-	18	-	-	-	-
Statistical differences	-65	-	-	-	-	-1	-20	-	-	-32
TRANSFORMATION	**6461**	**309**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5**
Electricity plants	-	-	-	-	-	-	-	-	-	5
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	6461	309	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**246**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	246	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**169**	**1369**	**172**	**5**	**1281**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**4**	**-**	**-**	**-**	**52**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	5
Food and tobacco	-	-	-	-	-	1	-	-	-	3
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	3	-	-	-	44
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**22**	**1357**	**165**	**-**	**898**
Domestic aviation	-	-	-	-	-	-	-	165	-	-
Road	-	-	-	-	-	22	1357	-	-	861
Rail	-	-	-	-	-	-	-	-	-	7
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	30
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**29**	**12**	**-**	**1**	**330**
Residential	-	-	-	-	-	26	1	-	1	11
Comm. and public services	-	-	-	-	-	3	-	-	-	6
Agriculture/forestry	-	-	-	-	-	-	11	-	-	313
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**114**	**-**	**7**	**4**	**1**
in industry/transf./energy	-	-	-	-	-	114	-	7	4	1
of which: chem./petrochem.	-	-	-	-	-	*114*	-	*7*	*4*	*1*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	207	206	252	501	3783	-	-	2628	24728	6778
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	21	-	-	56	-	-	-	-	124	-
Exports	-237	-	-287	-65	-	-	-	-	-489	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	29	-12	36	-3	4	-	-	-	-	-
DOMESTIC SUPPLY	**20**	**194**	**1**	**489**	**3787**	**-**	**-**	**2628**	**24363**	**6778**
Transfers	-	29	-	-	-	-	-	-	-	-
Statistical differences	-1	-	-	-11	-	-	-	-	-88	-
TRANSFORMATION	**4**	**-**	**-**	**-**	**214**	**-**	**-**	**2628**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	2628	-	-
CHP plants	4	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	214	-	-	-	-	-
ENERGY IND. OWN USE	**1**	**-**	**-**	**115**	**-**	**-**	**-**	**-**	**4005**	**921**
Fuel mining and extraction	-	-	-	-	-	-	-	-	2392	-
Oil refineries	-	-	-	-	-	-	-	-	466	902
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	998	19
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	1	-	-	115	-	-	-	-	149	-
Losses	-	-	-	-	-	-	-	-	3363	835
FINAL CONSUMPTION	**14**	**223**	**1**	**363**	**3573**	**-**	**-**	**-**	**16907**	**5022**
INDUSTRY	**12**	**-**	**-**	**-**	**17**	**-**	**-**	**-**	**3161**	**-**
Iron and steel	1	-	-	-	-	-	-	-	277	-
Chemical and petrochemical	-	-	-	-	4	-	-	-	344	-
Non-ferrous metals	-	-	-	-	-	-	-	-	826	-
Non-metallic minerals	1	-	-	-	-	-	-	-	310	-
Transport equipment	-	-	-	-	-	-	-	-	5	-
Machinery	-	-	-	-	-	-	-	-	174	-
Mining and quarrying	-	-	-	-	-	-	-	-	79	-
Food and tobacco	5	-	-	-	6	-	-	-	371	-
Paper, pulp and print	-	-	-	-	-	-	-	-	25	-
Wood and wood products	-	-	-	-	-	-	-	-	13	-
Construction	5	-	-	-	7	-	-	-	595	-
Textile and leather	-	-	-	-	-	-	-	-	64	-
Non-specified	-	-	-	-	-	-	-	-	78	-
TRANSPORT	**-**	**-**	**-**	**-**	**8**	**-**	**-**	**-**	**536**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	8	-	-	-	448	-
Pipeline transport	-	-	-	-	-	-	-	-	88	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**1**	**-**	**-**	**-**	**3548**	**-**	**-**	**-**	**13210**	**5022**
Residential	-	-	-	-	2437	-	-	-	7292	3929
Comm. and public services	1	-	-	-	1015	-	-	-	4942	1093
Agriculture/forestry	-	-	-	-	96	-	-	-	976	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**1**	**223**	**1**	**363**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	1	223	1	316	-	-	-	-	-	-
of which: chem./petrochem.	*1*	*223*	*1*	*83*	-	-	-	-	-	-
in transport	-	-	-	47	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	567492
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	1
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**567493**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**406937**
Electricity plants	-	-	-	-	-	-	-	-	-	-	406937
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**59240**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	59240
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**101316**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**42719**
Iron and steel	-	-	-	-	-	-	-	-	-	-	20747
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	21972
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**58597**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	58597
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*49192*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	10093	379	-	-	125	59	750	2908	24	3957
From other sources	-	-	387	-	-	-	-	-	-	-
Imports	3197	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-154	-	-2745	-	-3779
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-387	-	-
Stock changes	-	-	-	-	-	-5	-5	265	-	119
DOMESTIC SUPPLY	**13290**	**379**	**387**	**-**	**125**	**-100**	**745**	**41**	**24**	**297**
Transfers	-	-379	-387	-	-	158	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**13290**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	13290	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**125**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	125	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**58**	**745**	**41**	**24**	**297**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**745**	**41**	**-**	**297**
Domestic aviation	-	-	-	-	-	-	-	41	-	-
Road	-	-	-	-	-	-	745	-	-	297
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**58**	**-**	**-**	**24**	**-**
Residential	-	-	-	-	-	58	-	-	24	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	2145	1967	-	1267	-	-	-	-	27253	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	624	-	-	-	-	240	-
Exports	-2078	-2117	-	-971	-	-	-	-	-237	-
Intl. marine bunkers	-82	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	18	-72	-	-206	-	-	-	-	-	-
DOMESTIC SUPPLY	**3**	**-222**	**-**	**714**	**-**	**-**	**-**	**-**	**27256**	**-**
Transfers	-	222	387	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	6	-
TRANSFORMATION	**3**	**-**	**-**	**546**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	3	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	546	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	3	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1073	-
FINAL CONSUMPTION	**-**	**-**	**387**	**168**	**-**	**-**	**-**	**-**	**26186**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**13633**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	11001	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	2632	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**12553**	**-**
Residential	-	-	-	-	-	-	-	-	6985	-
Comm. and public services	-	-	-	-	-	-	-	-	5520	-
Agriculture/forestry	-	-	-	-	-	-	-	-	48	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**387**	**168**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	387	168	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	*41*	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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2014

SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	947	-	-	-	-	-	-	-	-	904663
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	988	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-83	-	-	-	-	-	-	-	-	29076
DOMESTIC SUPPLY	**-**	**1852**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**933739**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-297	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**540**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**530247**
Electricity plants	-	540	-	-	-	-	-	-	-	-	530247
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**26**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	26	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	22057
FINAL CONSUMPTION	**-**	**989**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**381435**
INDUSTRY	**-**	**989**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**156494**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	989	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	156494
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**44224**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	44224
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**121384**
Residential	-	-	-	-	-	-	-	-	-	-	110687
Comm. and public services	-	-	-	-	-	-	-	-	-	-	9815
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	882
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**59333**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	59333
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*59333*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	246	-	-	12	11	59	1	231	362
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1308	-	-	-	-	-	36	334	-	2904
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-323	-	-
Stock changes	-155	-	-	-	-	-	-	-12	34	-88
DOMESTIC SUPPLY	**1153**	**246**	**-**	**-**	**12**	**11**	**95**	**-**	**265**	**3178**
Transfers	-	-170	-	-	-	9	71	-	25	65
Statistical differences	-	-	-	-	-	-2	130	-	-	7
TRANSFORMATION	**1153**	**76**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**367**
Electricity plants	-	-	-	-	-	-	-	-	-	367
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	1153	76	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**12**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	12	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**18**	**296**	**-**	**290**	**2883**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**-**	**3**	**86**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	2	-	3	86
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**293**	**-**	**-**	**1774**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	293	-	-	1135
Rail	-	-	-	-	-	-	-	-	-	268
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	371
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**18**	**1**	**-**	**287**	**1023**
Residential	-	-	-	-	-	18	-	-	287	33
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	990
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	1	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	302	132	-	106	386453	-	-	-	55845	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1016	-	-	-	-	-	-	-	-	-
Exports	-	-80	-	-	-	-	-	-	-	-
Intl. marine bunkers	-100	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-52	-	5	-	-	-	-	-	-
DOMESTIC SUPPLY	**1218**	**-**	**-**	**111**	**386453**	**-**	**-**	**-**	**55845**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	12	-	-	1	1	-	-	-	2791	-
TRANSFORMATION	**1189**	**-**	**-**	**-**	**7058**	**-**	**-**	**-**	**-**	**-**
Electricity plants	1189	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	7058	-	-	-	-	-
ENERGY IND. OWN USE	**28**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3351**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	28	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	3351	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	6367	-
FINAL CONSUMPTION	**13**	**-**	**-**	**112**	**379396**	**-**	**-**	**-**	**48918**	**-**
INDUSTRY	**9**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**26681**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	9	-	-	-	-	-	-	-	26681	-
TRANSPORT	**4**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	4	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**379396**	**-**	**-**	**-**	**22237**	**-**
Residential	-	-	-	-	379396	-	-	-	17191	-
Comm. and public services	-	-	-	-	-	-	-	-	2988	-
Agriculture/forestry	-	-	-	-	-	-	-	-	1513	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	545	-
NON-ENERGY USE	**-**	**-**	**-**	**112**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	112	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	1433	8574
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	781	-	-	65	-	-	-	-	-	774448
Exports	-	-5	-	-	-	-	-	-	-	-105	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-32	-	-	2	-	-	-	-	91	5909
DOMESTIC SUPPLY	**-**	**744**	**-**	**-**	**67**	**-**	**-**	**-**	**-**	**1419**	**788931**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**716**	**555203**
Electricity plants	-	-	-	-	-	-	-	-	-	-	130446
CHP plants	-	-	-	-	-	-	-	-	-	157	321047
Heat plants	-	3	-	-	-	-	-	-	-	224	103710
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	335	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**36**	**9804**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	605
Oil refineries	-	-	-	-	-	-	-	-	-	-	9191
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	36	8
Losses	-	-	-	-	-	-	-	-	-	73	5204
FINAL CONSUMPTION	**-**	**741**	**-**	**-**	**67**	**-**	**-**	**-**	**-**	**594**	**218720**
INDUSTRY	**-**	**695**	**-**	**-**	**67**	**-**	**-**	**-**	**-**	**46**	**55508**
Iron and steel	-	-	-	-	18	-	-	-	-	-	5428
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	7851
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	326
Non-metallic minerals	-	695	-	-	16	-	-	-	-	40	28857
Transport equipment	-	-	-	-	5	-	-	-	-	1	885
Machinery	-	-	-	-	17	-	-	-	-	1	3711
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	618
Food and tobacco	-	-	-	-	11	-	-	-	-	1	3970
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	242
Wood and wood products	-	-	-	-	-	-	-	-	-	-	850
Construction	-	-	-	-	-	-	-	-	-	3	931
Textile and leather	-	-	-	-	-	-	-	-	-	-	1592
Non-specified	-	-	-	-	-	-	-	-	-	-	247
TRANSPORT	**-**	**10**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**9**	**21929**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	408
Rail	-	10	-	-	-	-	-	-	-	4	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	21521
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	5	-
OTHER	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**539**	**77271**
Residential	-	1	-	-	-	-	-	-	-	414	71016
Comm. and public services	-	2	-	-	-	-	-	-	-	116	2366
Agriculture/forestry	-	-	-	-	-	-	-	-	-	9	3889
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**33**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**64012**
in industry/transf./energy	-	33	-	-	-	-	-	-	-	-	64012
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*64012*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	1645	-	-	-	769	573	3945	337	12	8257
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	22508	-	-	-	-	40	1	17	-	22
Exports	-1617	-	-	-	-	-432	-2752	-226	-8	-5160
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-110	-	-
Stock changes	-220	-	-	-	-	-11	-58	4	-1	9
DOMESTIC SUPPLY	**22316**	**-**	**-**	**-**	**769**	**170**	**1136**	**22**	**3**	**3128**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-27	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**22289**	**-**	**-**	**-**	**96**	**-**	**-**	**-**	**-**	**1**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	45	-	-	-	-	-
Heat plants	-	-	-	-	51	-	-	-	-	1
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	22289	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**673**	**-**	**-**	**-**	**-**	**26**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	12
Oil refineries	-	-	-	-	673	-	-	-	-	11
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	3
Losses	-	-	-	-	-	1	-	-	-	3
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**169**	**1136**	**22**	**3**	**3098**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**3**	**7**	**-**	**2**	**137**
Iron and steel	-	-	-	-	-	-	-	-	-	2
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	6
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	6
Transport equipment	-	-	-	-	-	-	-	-	1	4
Machinery	-	-	-	-	-	1	1	-	-	8
Mining and quarrying	-	-	-	-	-	-	-	-	-	3
Food and tobacco	-	-	-	-	-	-	1	-	1	11
Paper, pulp and print	-	-	-	-	-	-	-	-	-	1
Wood and wood products	-	-	-	-	-	-	1	-	-	3
Construction	-	-	-	-	-	2	4	-	-	88
Textile and leather	-	-	-	-	-	-	-	-	-	3
Non-specified	-	-	-	-	-	-	-	-	-	2
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**84**	**1120**	**22**	**-**	**2190**
Domestic aviation	-	-	-	-	-	-	-	22	-	-
Road	-	-	-	-	-	84	1120	-	-	1988
Rail	-	-	-	-	-	-	-	-	-	200
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	2
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**82**	**9**	**-**	**1**	**771**
Residential	-	-	-	-	-	81	-	-	-	-
Comm. and public services	-	-	-	-	-	-	3	-	-	111
Agriculture/forestry	-	-	-	-	-	1	6	-	1	660
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	5865	-	-	2215	58585	28	373	1156	34735	254934
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	5	-	-	11	-	-	-	-	7806	-
Exports	-5420	-	-	-172	-	-	-	-	-4488	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	37	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**487**	**-**	**-**	**2054**	**58585**	**28**	**373**	**1156**	**38053**	**254934**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**118**	**-**	**-**	**-**	**28582**	**-**	**363**	**880**	**-**	**-**
Electricity plants	27	-	-	-	-	-	49	-	-	-
CHP plants	44	-	-	-	3523	-	314	880	-	-
Heat plants	47	-	-	-	24840	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	60	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	159	-	-	-	-	-
ENERGY IND. OWN USE	**327**	**-**	**-**	**-**	**1130**	**-**	**-**	**-**	**4646**	**20101**
Fuel mining and extraction	-	-	-	-	-	-	-	-	284	874
Oil refineries	327	-	-	-	-	-	-	-	2093	18231
Elec., CHP and heat plants	-	-	-	-	1107	-	-	-	2217	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	23	-	-	-	52	996
Losses	-	-	-	-	-	-	-	-	3187	21729
FINAL CONSUMPTION	**42**	**-**	**-**	**2054**	**28873**	**28**	**10**	**276**	**30220**	**213104**
INDUSTRY	**30**	**-**	**-**	**-**	**2056**	**-**	**10**	**276**	**12899**	**62784**
Iron and steel	-	-	-	-	3	-	-	-	1935	236
Chemical and petrochemical	1	-	-	-	11	-	-	-	3473	21095
Non-ferrous metals	-	-	-	-	-	-	-	-	28	24
Non-metallic minerals	1	-	-	-	81	-	-	276	1357	3669
Transport equipment	-	-	-	-	49	-	-	-	459	1626
Machinery	1	-	-	-	216	-	-	-	1576	4531
Mining and quarrying	-	-	-	-	6	-	-	-	241	1467
Food and tobacco	3	-	-	-	199	-	10	-	1544	17974
Paper, pulp and print	-	-	-	-	4	-	-	-	391	3159
Wood and wood products	-	-	-	-	1122	-	-	-	363	1733
Construction	24	-	-	-	213	-	-	-	300	-
Textile and leather	-	-	-	-	73	-	-	-	547	3233
Non-specified	-	-	-	-	79	-	-	-	685	4037
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**-**	**1280**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	3	-	-	175	-
Rail	-	-	-	-	-	-	-	-	591	-
Pipeline transport	-	-	-	-	-	-	-	-	514	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**12**	**-**	**-**	**-**	**26817**	**25**	**-**	**-**	**16041**	**150320**
Residential	-	-	-	-	15928	-	-	-	6397	93368
Comm. and public services	6	-	-	-	9177	-	-	-	8082	50045
Agriculture/forestry	6	-	-	-	1701	25	-	-	1554	6904
Fishing	-	-	-	-	11	-	-	-	8	3
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**2054**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	2054	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	70	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**70**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**70**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**70**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	70	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	18	734	182	483	664
Exports	-	-	-	-	-	-4	-16	-	-56	-99
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-182	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-7
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**14**	**718**	**-**	**427**	**558**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**40**
Electricity plants	-	-	-	-	-	-	-	-	-	40
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**14**	**718**	**-**	**427**	**518**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	1
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**718**	**-**	**-**	**516**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	718	-	-	515
Rail	-	-	-	-	-	-	-	-	-	1
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**14**	**-**	**-**	**427**	**-**
Residential	-	-	-	-	-	12	-	-	427	-
Comm. and public services	-	-	-	-	-	2	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	95892	-	-	-	184	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	135	-	-	-	-	-	-	-	1101	-
Exports	-79	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-2	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**54**	**-**	**-**	**-**	**95892**	**-**	**-**	**-**	**1285**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**18714**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	26	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	18688	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	254	-
FINAL CONSUMPTION	**54**	**-**	**-**	**-**	**77178**	**-**	**-**	**-**	**1031**	**-**
INDUSTRY	**54**	**-**	**-**	**-**	**95**	**-**	**-**	**-**	**167**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	50	-	-	-	95	-	-	-	101	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	4	-	-	-	-	-	-	-	15	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	18	-
Non-specified	-	-	-	-	-	-	-	-	33	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**77083**	**-**	**-**	**-**	**864**	**-**
Residential	-	-	-	-	64251	-	-	-	444	-
Comm. and public services	-	-	-	-	12832	-	-	-	420	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	856197
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-696662
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**159535**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-9679
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**68418**
Electricity plants	-	-	-	-	-	-	-	-	-	-	68418
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**12934**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	12934
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	678
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**67826**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**35489**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	35489
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**26229**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	26229
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6108**
Residential	-	-	-	-	-	-	-	-	-	-	4235
Comm. and public services	-	-	-	-	-	-	-	-	-	-	1873
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	3096	312	-	-	77	84	794	181	15	758
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	211	-	-	826
Exports	-453	-	-	-	-	-37	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-59	-	-
Stock changes	3	-	-	-	-	-	-	-	-	9
DOMESTIC SUPPLY	**2646**	**312**	**-**	**-**	**77**	**47**	**1005**	**122**	**15**	**1593**
Transfers	-	-312	-	-	-	312	-	-	-	-
Statistical differences	72	-	-	-	-	72	59	-8	2	-19
TRANSFORMATION	**2718**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**52**
Electricity plants	-	-	-	-	-	-	-	-	-	52
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	2718	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**73**	**-**	**-**	**-**	**11**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	73	-	-	-	11	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	4	20	40	-	-	35
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**411**	**1024**	**114**	**6**	**1487**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**11**	**-**	**-**	**2**	**86**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	11	-	-	2	86
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**1024**	**114**	**-**	**806**
Domestic aviation	-	-	-	-	-	-	-	114	-	-
Road	-	-	-	-	-	-	1024	-	-	806
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**400**	**-**	**-**	**4**	**595**
Residential	-	-	-	-	-	395	-	-	4	-
Comm. and public services	-	-	-	-	-	5	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	595
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	411	-	-	316	43493	-	-	-	8755	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	19	-	-	-	-	-	-
Exports	-408	-	-	-1	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-3	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**334**	**43493**	**-**	**-**	**-**	**8755**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-1	-1	-	-	-	-366	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**5190**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	4501	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	689	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**192**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	192	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	2	-	-	-	-	805	-
FINAL CONSUMPTION	**-**	**-**	**-**	**331**	**38302**	**-**	**-**	**-**	**7392**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**19639**	**-**	**-**	**-**	**2016**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	19639	-	-	-	2016	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**276**	**18663**	**-**	**-**	**-**	**5376**	**-**
Residential	-	-	-	-	18663	-	-	-	2806	-
Comm. and public services	-	-	-	-	-	-	-	-	1748	-
Agriculture/forestry	-	-	-	-	-	-	-	-	822	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	276	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**55**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	55	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	5947	5704	908	-	-	7528	4369	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	1408	-	3	17	9	-	-	-	-	-	7043
Exports	-6	-	-340	-85	-354	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-63	-	404	-12	-156	-	-	-	-	-	-
DOMESTIC SUPPLY	**1339**	**-**	**6014**	**5624**	**407**	**-**	**-**	**7528**	**4369**	**-**	**7043**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**1265**	**-**	**5571**	**5226**	**406**	**-**	**-**	**-**	**-**	**-**	**1855**
Electricity plants	-	-	5204	5185	-	-	-	-	-	-	416
CHP plants	-	-	169	-	-	-	-	-	-	-	-
Heat plants	-	-	198	41	-	-	-	-	-	-	1439
Blast furnaces	-	-	-	-	406	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	1265	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**7**	**7**	**-**	**-**	**-**	**7528**	**-**	**-**	**-**
Fuel mining and extraction	-	-	7	7	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	7528	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	38
FINAL CONSUMPTION	**74**	**-**	**436**	**391**	**1**	**-**	**-**	**-**	**4369**	**-**	**5150**
INDUSTRY	**74**	**-**	**216**	**36**	**1**	**-**	**-**	**-**	**4369**	**-**	**2879**
Iron and steel	-	-	-	-	-	-	-	-	4369	-	1174
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	76
Non-ferrous metals	-	-	131	-	-	-	-	-	-	-	1212
Non-metallic minerals	74	-	58	18	1	-	-	-	-	-	38
Transport equipment	-	-	-	-	-	-	-	-	-	-	76
Machinery	-	-	2	1	-	-	-	-	-	-	-
Mining and quarrying	-	-	3	-	-	-	-	-	-	-	-
Food and tobacco	-	-	9	14	-	-	-	-	-	-	227
Paper, pulp and print	-	-	9	-	-	-	-	-	-	-	38
Wood and wood products	-	-	1	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	2	3	-	-	-	-	-	-	38
Non-specified	-	-	1	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**220**	**355**	**-**	**-**	**-**	**-**	**-**	**-**	**2271**
Residential	-	-	74	140	-	-	-	-	-	-	1249
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	1	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	146	214	-	-	-	-	-	-	1022
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	15	24	152	-	-	431
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	951	-	-	-	-	43	118	5	-	541
Exports	-	-	-	-	-	-	-78	-	-	-13
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-4	-	-
Stock changes	56	-	-	-	-	-1	-3	-	-	-24
DOMESTIC SUPPLY	**1007**	**-**	**-**	**-**	**15**	**66**	**189**	**1**	**-**	**935**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	1	-1	-	-2
TRANSFORMATION	**1007**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	1007	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**15**	**6**	**-**	**-**	**-**	**46**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	43
Oil refineries	-	-	-	-	15	6	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	3
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**60**	**190**	**-**	**-**	**887**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**11**	**1**	**-**	**-**	**39**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	2	-	-	-	1
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	3
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	2	-	-	-	1
Mining and quarrying	-	-	-	-	-	-	-	-	-	10
Food and tobacco	-	-	-	-	-	5	-	-	-	4
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	1
Construction	-	-	-	-	-	-	1	-	-	18
Textile and leather	-	-	-	-	-	1	-	-	-	-
Non-specified	-	-	-	-	-	1	-	-	-	1
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**36**	**188**	**-**	**-**	**727**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	36	188	-	-	727
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**13**	**1**	**-**	**-**	**121**
Residential	-	-	-	-	-	8	-	-	-	75
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	1	-	-	7
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	5	-	-	-	39
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	143	7	-	215	73996	-	-	-	16160	5000
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	10	-	4	19	-	-	-	-	3162	-
Exports	-30	-7	-	-178	-11510	-	-	-	-5998	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	10	-	-	13	-	-	-	-	-	-
DOMESTIC SUPPLY	**133**	**-**	**4**	**69**	**62486**	**-**	**-**	**-**	**13324**	**5000**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	3	-	-1	-	-1	-	-	-	-	-
TRANSFORMATION	**36**	**-**	**-**	**-**	**4194**	**-**	**-**	**-**	**-**	**-**
Electricity plants	12	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	24	-	-	-	128	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	4066	-	-	-	-	-
ENERGY IND. OWN USE	**74**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1415**	**34**
Fuel mining and extraction	-	-	-	-	-	-	-	-	286	-
Oil refineries	74	-	-	-	-	-	-	-	79	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	988	34
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	62	-
Losses	-	-	-	-	-	-	-	-	1322	354
FINAL CONSUMPTION	**26**	**-**	**3**	**69**	**58291**	**-**	**-**	**-**	**10587**	**4612**
INDUSTRY	**24**	**-**	**3**	**-**	**1367**	**-**	**-**	**-**	**3910**	**21**
Iron and steel	-	-	-	-	-	-	-	-	732	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	108	-
Non-ferrous metals	3	-	-	-	-	-	-	-	1762	-
Non-metallic minerals	5	-	3	-	-	-	-	-	156	-
Transport equipment	-	-	-	-	-	-	-	-	41	-
Machinery	1	-	-	-	-	-	-	-	194	7
Mining and quarrying	-	-	-	-	-	-	-	-	95	6
Food and tobacco	6	-	-	-	-	-	-	-	214	2
Paper, pulp and print	7	-	-	-	-	-	-	-	159	-
Wood and wood products	-	-	-	-	-	-	-	-	148	4
Construction	1	-	-	-	-	-	-	-	61	2
Textile and leather	1	-	-	-	-	-	-	-	115	-
Non-specified	-	-	-	-	1367	-	-	-	125	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**80**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	80	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**2**	**-**	**-**	**-**	**56924**	**-**	**-**	**-**	**6597**	**4591**
Residential	-	-	-	-	56245	-	-	-	4605	3506
Comm. and public services	-	-	-	-	661	-	-	-	-	-
Agriculture/forestry	-	-	-	-	18	-	-	-	53	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	2	-	-	-	-	-	-	-	1939	1085
NON-ENERGY USE	**-**	**-**	**-**	**69**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	69	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	1712	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-194	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	281	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**1799**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-62	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**1633**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	1633	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**104**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**97**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	97	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**7**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	2	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	5	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	24	355	12	20	536
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-10	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**24**	**355**	**2**	**20**	**536**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	2	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**33**
Electricity plants	-	-	-	-	-	-	-	-	-	33
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**26**	**355**	**2**	**20**	**503**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**7**	**-**	**-**	**-**	**132**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	5	-	-	-	98
Food and tobacco	-	-	-	-	-	2	-	-	-	3
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	20
Textile and leather	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	-	-	-	-	10
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**355**	**2**	**-**	**343**
Domestic aviation	-	-	-	-	-	-	-	2	-	-
Road	-	-	-	-	-	-	355	-	-	333
Rail	-	-	-	-	-	-	-	-	-	10
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**19**	**-**	**-**	**20**	**28**
Residential	-	-	-	-	-	15	-	-	20	-
Comm. and public services	-	-	-	-	-	2	-	-	-	18
Agriculture/forestry	-	-	-	-	-	2	-	-	-	9
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	1
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	22726	-	-	-	2363	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	11	-	-	20	-	-	-	-	1684	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**11**	**-**	**-**	**20**	**22726**	**-**	**-**	**-**	**4047**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-51	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**292**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	292	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	255	-
FINAL CONSUMPTION	**11**	**-**	**-**	**20**	**22726**	**-**	**-**	**-**	**3449**	**-**
INDUSTRY	**11**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1463**	**-**
Iron and steel	-	-	-	-	-	-	-	-	17	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	23	-
Non-ferrous metals	-	-	-	-	-	-	-	-	23	-
Non-metallic minerals	-	-	-	-	-	-	-	-	20	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	1	-	-	-	-	-	-	-	1197	-
Food and tobacco	-	-	-	-	-	-	-	-	93	-
Paper, pulp and print	1	-	-	-	-	-	-	-	9	-
Wood and wood products	-	-	-	-	-	-	-	-	9	-
Construction	-	-	-	-	-	-	-	-	6	-
Textile and leather	-	-	-	-	-	-	-	-	28	-
Non-specified	9	-	-	-	-	-	-	-	38	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**22726**	**-**	**-**	**-**	**1986**	**-**
Residential	-	-	-	-	22726	-	-	-	927	-
Comm. and public services	-	-	-	-	-	-	-	-	762	-
Agriculture/forestry	-	-	-	-	-	-	-	-	177	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	120	-
NON-ENERGY USE	**-**	**-**	**-**	**20**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	14	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	6	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	155	4360	3422	9986	-	-	76343	98258	-	897051
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	10960	9015	376	-	1797	-	-	-	-	-	748687
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-70	-83	120	-600	110	-	-	-	-	-	-
DOMESTIC SUPPLY	**10890**	**9087**	**4856**	**2822**	**11893**	**-**	**-**	**76343**	**98258**	**-**	**1645738**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-2	-10	-19	-	-	-	1143	-15	-	-18020
TRANSFORMATION	**10884**	**3799**	**3103**	**2782**	**8515**	**-**	**-**	**14848**	**59449**	**-**	**778565**
Electricity plants	-	3510	3021	2782	-	-	-	-	-	-	626156
CHP plants	-	289	82	-	12	-	-	14848	59449	-	113755
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	8503	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	10884	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	38654
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8213**	**11125**	**-**	**239891**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	102995
Oil refineries	-	-	-	-	-	-	-	-	-	-	136896
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	8213	11125	-	-
Losses	6	11	-	-	9	-	-	-	9419	-	20193
FINAL CONSUMPTION	**-**	**5275**	**1743**	**21**	**3369**	**-**	**-**	**54425**	**18250**	**-**	**589069**
INDUSTRY	**-**	**5275**	**1743**	**21**	**3225**	**-**	**-**	**54425**	**18250**	**-**	**427537**
Iron and steel	-	3283	-	-	2620	-	-	54425	18250	-	46504
Chemical and petrochemical	-	43	295	-	-	-	-	-	-	-	89044
Non-ferrous metals	-	1373	-	-	404	-	-	-	-	-	39454
Non-metallic minerals	-	127	220	-	112	-	-	-	-	-	60057
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	422	414	-	89	-	-	-	-	-	31143
Food and tobacco	-	-	137	17	-	-	-	-	-	-	32406
Paper, pulp and print	-	-	239	-	-	-	-	-	-	-	37337
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	10909
Non-specified	-	27	438	4	-	-	-	-	-	-	80683
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**108118**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	70201
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	37917
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**23284**
Residential	-	-	-	-	-	-	-	-	-	-	13649
Comm. and public services	-	-	-	-	-	-	-	-	-	-	9635
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**144**	**-**	**-**	**-**	**-**	**-**	**30130**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	30130
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*30130*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	144	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	114607	5608	-	-	5857	4338	22270	4872	9	42114
From other sources	232	-	2836	-	-	-	-	-	-	-
Imports	17757	-	-	-	-	2051	1563	1188	-	9471
Exports	-26318	-	-	-	-	-10	-258	-28	-	-328
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-458
Intl. aviation bunkers	-	-	-	-	-	-	-	-2394	-	-
Stock changes	25	-	-	-	-	-9	480	-53	-	-178
DOMESTIC SUPPLY	**106303**	**5608**	**2836**	**-**	**5857**	**6370**	**24055**	**3585**	**9**	**50621**
Transfers	-	-2728	-	-	-	1213	592	-	-	-
Statistical differences	-715	-	-	-	-19	-72	47	-20	-	-746
TRANSFORMATION	**105588**	**2880**	**2836**	**-**	**536**	**-**	**-**	**-**	**-**	**3260**
Electricity plants	-	-	-	-	94	-	-	-	-	2885
CHP plants	-	-	-	-	442	-	-	-	-	375
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	105588	2880	2836	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**4767**	**5**	**-**	**-**	**-**	**1499**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	1492
Oil refineries	-	-	-	-	4767	5	-	-	-	7
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	17	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**518**	**7506**	**24694**	**3565**	**9**	**45116**
INDUSTRY	**-**	**-**	**-**	**-**	**158**	**987**	**-**	**-**	**1**	**1197**
Iron and steel	-	-	-	-	-	23	-	-	-	42
Chemical and petrochemical	-	-	-	-	158	196	-	-	-	19
Non-ferrous metals	-	-	-	-	-	38	-	-	-	9
Non-metallic minerals	-	-	-	-	-	154	-	-	-	97
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	25	-	-	1	420
Food and tobacco	-	-	-	-	-	198	-	-	-	246
Paper, pulp and print	-	-	-	-	-	65	-	-	-	163
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	16	-	-	-	-
Textile and leather	-	-	-	-	-	36	-	-	-	5
Non-specified	-	-	-	-	-	236	-	-	-	196
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**24694**	**3565**	**-**	**37783**
Domestic aviation	-	-	-	-	-	-	-	3565	-	-
Road	-	-	-	-	-	-	24694	-	-	36438
Rail	-	-	-	-	-	-	-	-	-	996
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	349
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**6519**	**-**	**-**	**3**	**6136**
Residential	-	-	-	-	-	5887	-	-	3	-
Comm. and public services	-	-	-	-	-	630	-	-	-	11
Agriculture/forestry	-	-	-	-	-	2	-	-	-	6125
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**360**	**-**	**-**	**-**	**5**	**-**
in industry/transf./energy	-	-	-	-	360	-	-	-	5	-
of which: chem./petrochem.	-	-	-	-	*360*	-	-	-	*5*	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	16246	3673	4944	8988	2835835	24132	5897	-	590632	3075
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	399	4927	4000	1125	-	789	-	-	33778	-
Exports	-5349	-	-460	-527	-	-1176	-	-	-3	-
Intl. marine bunkers	-3125	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-57	-62	-2	3	-	-1316	-	-	-	-
DOMESTIC SUPPLY	**8114**	**8538**	**8482**	**9589**	**2835835**	**22429**	**5897**	**-**	**624407**	**3075**
Transfers	-	-	-147	922	-	-	-	-	-	-
Statistical differences	-28	134	-3	-192	2	-226	-	-	-153	-
TRANSFORMATION	**3818**	**2836**	**1014**	**237**	**497316**	**-**	**5897**	**-**	**-**	**3075**
Electricity plants	3548	-	-	-	5179	-	3647	-	-	3075
CHP plants	270	-	-	237	338780	-	2250	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	2245	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	1014	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	2836	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	151112	-	-	-	-	-
ENERGY IND. OWN USE	**325**	**-**	**-**	**-**	**521932**	**-**	**-**	**-**	**30304**	**-**
Fuel mining and extraction	30	-	-	-	-	-	-	-	10618	-
Oil refineries	295	-	-	-	-	-	-	-	4464	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	8688	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	521932	-	-	-	6534	-
Losses	-	-	115	-	4490	-	-	-	93174	-
FINAL CONSUMPTION	**3943**	**5836**	**7203**	**10082**	**1812099**	**22203**	**-**	**-**	**500776**	**-**
INDUSTRY	**2700**	**-**	**7203**	**1652**	**1415830**	**-**	**-**	**-**	**205932**	**-**
Iron and steel	127	-	201	-	135490	-	-	-	26208	-
Chemical and petrochemical	337	-	97	1652	2800	-	-	-	22361	-
Non-ferrous metals	1254	-	712	-	568	-	-	-	32553	-
Non-metallic minerals	121	-	4851	-	128255	-	-	-	12366	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	174	-	639	-	-	-	-	-	12592	-
Food and tobacco	155	-	101	-	769580	-	-	-	27035	-
Paper, pulp and print	381	-	-	-	338105	-	-	-	20711	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	35	-	-	-	2902	-	-	-	7236	-
Non-specified	116	-	602	-	38130	-	-	-	44870	-
TRANSPORT	**1184**	**-**	**-**	**-**	**-**	**22203**	**-**	**-**	**2794**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	22203	-	-	-	-
Rail	-	-	-	-	-	-	-	-	1941	-
Pipeline transport	-	-	-	-	-	-	-	-	853	-
Domestic navigation	1184	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**59**	**-**	**-**	**-**	**396269**	**-**	**-**	**-**	**292050**	**-**
Residential	-	-	-	-	275769	-	-	-	132049	-
Comm. and public services	34	-	-	-	7875	-	-	-	133266	-
Agriculture/forestry	25	-	-	-	112626	-	-	-	26735	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**5836**	**-**	**8430**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	5836	-	8430	-	-	-	-	-	-
of which: chem./petrochem.	-	*5836*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	461001
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-324848
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	1514
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**137667**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-764
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**55145**
Electricity plants	-	-	-	-	-	-	-	-	-	-	47823
CHP plants	-	-	-	-	-	-	-	-	-	-	7322
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**39258**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	13899
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	25359
Losses	-	-	-	-	-	-	-	-	-	-	18126
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**24374**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**815**
Residential	-	-	-	-	-	-	-	-	-	-	815
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**23559**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	23559
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*23559*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	5680	538	-	-	14	-	118	58	6	113
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	8	-	-	163	18	-	179
Exports	-5362	-408	-	-	-	-	-	-6	-	-9
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-71	-	-
Stock changes	-87	4	-	-	-	-	-9	-	-	-6
DOMESTIC SUPPLY	**231**	**134**	**-**	**8**	**14**	**-**	**272**	**-1**	**6**	**277**
Transfers	-	-16	-	-	-	16	-	-	-	-
Statistical differences	45	-1	-	-	-	-	4	1	-	12
TRANSFORMATION	**276**	**117**	**-**	**8**	**-**	**-**	**-**	**-**	**-**	**11**
Electricity plants	-	-	-	-	-	-	-	-	-	11
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	276	117	-	8	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**11**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	11	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**3**	**16**	**276**	**-**	**6**	**278**
INDUSTRY	**-**	**-**	**-**	**-**	**3**	**-**	**-**	**-**	**6**	**97**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	3	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	6	97
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**276**	**-**	**-**	**154**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	276	-	-	154
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**16**	**-**	**-**	**-**	**27**
Residential	-	-	-	-	-	16	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	27
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	72	-	-	-	-	-	-	-	4506	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	13	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-72	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**13**	**-**	**-**	**-**	**-**	**4506**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	1	-	-	-	-	-1	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**859**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	93	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	451	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	315	-
Losses	-	-	-	-	-	-	-	-	289	-
FINAL CONSUMPTION	**-**	**-**	**-**	**14**	**-**	**-**	**-**	**-**	**3357**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**203**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	32	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	171	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3154**	**-**
Residential	-	-	-	-	-	-	-	-	1339	-
Comm. and public services	-	-	-	-	-	-	-	-	1815	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**14**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	13	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	1	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	31268	-	1411	-	-	-	-	7419
From other sources	-	35	-	-	-	-	-	-	-	-	-
Imports	-	1410	-	2	90	-	-	-	-	-	103460
Exports	-	-41	-	-51	-	-	-	-	-	-	-73
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	444	-	221	-9	35	-	-	-	-	-898
DOMESTIC SUPPLY	**-**	**1848**	**-**	**31440**	**81**	**1446**	**-**	**-**	**-**	**-**	**109908**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	37	-	-15	1	-9	-	-	-	-	288
TRANSFORMATION	**-**	**1475**	**-**	**31306**	**1**	**1365**	**-**	**-**	**-**	**-**	**42524**
Electricity plants	-	432	-	27062	-	582	-	-	-	-	68
CHP plants	-	1005	-	1366	-	783	-	-	-	-	32988
Heat plants	-	11	-	-	-	-	-	-	-	-	7934
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	27	-	2878	1	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	1534
ENERGY IND. OWN USE	**-**	**-**	**-**	**2**	**-**	**1**	**-**	**-**	**-**	**-**	**1074**
Fuel mining and extraction	-	-	-	2	-	1	-	-	-	-	29
Oil refineries	-	-	-	-	-	-	-	-	-	-	1029
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	16
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	14	-	-	-	-	-	-	-	-	531
FINAL CONSUMPTION	**-**	**396**	**-**	**117**	**81**	**71**	**-**	**-**	**-**	**-**	**66067**
INDUSTRY	**-**	**231**	**-**	**17**	**7**	**17**	**-**	**-**	**-**	**-**	**36404**
Iron and steel	-	-	-	-	-	-	-	-	-	-	2353
Chemical and petrochemical	-	119	-	-	6	17	-	-	-	-	10916
Non-ferrous metals	-	-	-	-	1	-	-	-	-	-	1330
Non-metallic minerals	-	106	-	15	-	-	-	-	-	-	11179
Transport equipment	-	-	-	-	-	-	-	-	-	-	306
Machinery	-	1	-	-	-	-	-	-	-	-	1560
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	34
Food and tobacco	-	1	-	1	-	-	-	-	-	-	4440
Paper, pulp and print	-	1	-	1	-	-	-	-	-	-	1940
Wood and wood products	-	-	-	-	-	-	-	-	-	-	238
Construction	-	-	-	-	-	-	-	-	-	-	819
Textile and leather	-	3	-	-	-	-	-	-	-	-	753
Non-specified	-	-	-	-	-	-	-	-	-	-	536
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**12456**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	4643
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	7813
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**153**	**-**	**100**	**-**	**54**	**-**	**-**	**-**	**-**	**6960**
Residential	-	142	-	94	-	54	-	-	-	-	2102
Comm. and public services	-	3	-	2	-	-	-	-	-	-	3869
Agriculture/forestry	-	8	-	4	-	-	-	-	-	-	989
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**12**	**-**	**-**	**74**	**-**	**-**	**-**	**-**	**-**	**10247**
in industry/transf./energy	-	12	-	-	74	-	-	-	-	-	10247
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*10247*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	26	-	-	-	209	98	1600	173	-	1970
From other sources	28	-	-	-	-	-	-	-	-	-
Imports	5103	-	908	36	-	348	238	7	-	919
Exports	-	-	-	-	-	-16	-1358	-8	-	-842
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-56
Intl. aviation bunkers	-	-	-	-	-	-	-	-165	-	-
Stock changes	25	-	-39	-	-	6	2	4	-	47
DOMESTIC SUPPLY	**5182**	**-**	**869**	**36**	**209**	**436**	**482**	**11**	**-**	**2038**
Transfers	-	-	248	-	-	-	-1	-2	-	-213
Statistical differences	-	-	-	-	-	-4	-	-	-	-80
TRANSFORMATION	**5182**	**-**	**1117**	**36**	**8**	**-**	**-**	**-**	**-**	**2**
Electricity plants	-	-	-	-	-	-	-	-	-	2
CHP plants	-	-	-	-	7	-	-	-	-	-
Heat plants	-	-	-	-	1	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	5182	-	1117	36	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**191**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	191	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	1
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**10**	**432**	**481**	**9**	**-**	**1742**
INDUSTRY	**-**	**-**	**-**	**-**	**10**	**8**	**-**	**-**	**-**	**41**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	10	-	-	-	-	1
Non-ferrous metals	-	-	-	-	-	3	-	-	-	1
Non-metallic minerals	-	-	-	-	-	1	-	-	-	3
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	1	-	-	-	3
Mining and quarrying	-	-	-	-	-	-	-	-	-	1
Food and tobacco	-	-	-	-	-	2	-	-	-	5
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	1	-	-	-	25
Textile and leather	-	-	-	-	-	-	-	-	-	2
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**395**	**481**	**9**	**-**	**1568**
Domestic aviation	-	-	-	-	-	-	-	9	-	-
Road	-	-	-	-	-	395	481	-	-	1556
Rail	-	-	-	-	-	-	-	-	-	12
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**29**	**-**	**-**	**-**	**133**
Residential	-	-	-	-	-	21	-	-	-	1
Comm. and public services	-	-	-	-	-	5	-	-	-	10
Agriculture/forestry	-	-	-	-	-	3	-	-	-	122
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	1617	249	80	133	45488	81	435	1223	47485	54179
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	72	-	359	130	30	68	-	-	4319	-
Exports	-1536	-249	-1	-10	-4277	-21	-	-	-13774	-
Intl. marine bunkers	-26	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-38	-	8	-	192	-	-	-	-	-
DOMESTIC SUPPLY	**89**	**-**	**446**	**253**	**41433**	**128**	**435**	**1223**	**38030**	**54179**
Transfers	-23	-	-	-1	-	-	-	-	-	-
Statistical differences	-	-	-3	-	105	1	-	-	-58	-20
TRANSFORMATION	**13**	**-**	**227**	**-**	**1622**	**-**	**412**	**-**	**-**	**191**
Electricity plants	10	-	-	-	270	-	77	-	-	191
CHP plants	3	-	220	-	1009	-	335	-	-	-
Heat plants	-	-	7	-	237	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	106	-	-	-	-	-
ENERGY IND. OWN USE	**18**	**-**	**80**	**-**	**-**	**-**	**-**	**-**	**6285**	**10657**
Fuel mining and extraction	-	-	-	-	-	-	-	-	612	126
Oil refineries	18	-	80	-	-	-	-	-	470	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	4254	3871
Pumped storage plants	-	-	-	-	-	-	-	-	818	-
Other energy ind. own use	-	-	-	-	-	-	-	-	131	6660
Losses	-	-	-	-	-	-	-	-	4013	5553
FINAL CONSUMPTION	**35**	**-**	**136**	**252**	**39916**	**129**	**23**	**1223**	**27674**	**37758**
INDUSTRY	**34**	**-**	**135**	**-**	**8694**	**-**	**-**	**1223**	**8706**	**20089**
Iron and steel	-	-	-	-	-	-	-	-	716	-
Chemical and petrochemical	2	-	-	-	284	-	-	-	1236	14998
Non-ferrous metals	12	-	-	-	-	-	-	-	1004	599
Non-metallic minerals	1	-	135	-	102	-	-	1223	845	5
Transport equipment	-	-	-	-	2	-	-	-	102	1
Machinery	-	-	-	-	24	-	-	-	902	22
Mining and quarrying	5	-	-	-	1	-	-	-	944	-
Food and tobacco	3	-	-	-	843	-	-	-	1173	254
Paper, pulp and print	4	-	-	-	5466	-	-	-	405	18
Wood and wood products	-	-	-	-	1748	-	-	-	197	1
Construction	6	-	-	-	9	-	-	-	260	81
Textile and leather	1	-	-	-	127	-	-	-	367	283
Non-specified	-	-	-	-	88	-	-	-	555	3827
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**129**	**-**	**-**	**306**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	129	-	-	86	-
Rail	-	-	-	-	-	-	-	-	193	-
Pipeline transport	-	-	-	-	-	-	-	-	27	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**1**	**-**	**-**	**-**	**31222**	**-**	**23**	**-**	**18662**	**17669**
Residential	-	-	-	-	30702	-	-	-	10590	13010
Comm. and public services	-	-	-	-	232	-	23	-	7831	4266
Agriculture/forestry	-	-	-	-	288	-	-	-	239	393
Fishing	-	-	-	-	-	-	-	-	2	-
Non-specified	1	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**1**	**252**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	1	252	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	*47*	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	490	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**490**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**490**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	490	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	112	427	92	-	1005
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-74	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**112**	**427**	**18**	**-**	**1005**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**21**
Electricity plants	-	-	-	-	-	-	-	-	-	21
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**112**	**427**	**18**	**-**	**984**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**27**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	27
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**427**	**18**	**-**	**802**
Domestic aviation	-	-	-	-	-	-	-	18	-	-
Road	-	-	-	-	-	-	427	-	-	613
Rail	-	-	-	-	-	-	-	-	-	150
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	39
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**112**	**-**	**-**	**-**	**155**
Residential	-	-	-	-	-	112	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	155
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	171648	-	-	-	3059	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	89	-	-	12	-	-	-	-	1803	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**89**	**-**	**-**	**12**	**171648**	**-**	**-**	**-**	**4862**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**65**	**-**	**-**	**-**	**24434**	**-**	**-**	**-**	**-**	**-**
Electricity plants	65	-	-	-	201	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	24233	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**36**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	36	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	717	-
FINAL CONSUMPTION	**24**	**-**	**-**	**12**	**147214**	**-**	**-**	**-**	**4109**	**-**
INDUSTRY	**24**	**-**	**-**	**-**	**34649**	**-**	**-**	**-**	**746**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	24	-	-	-	34649	-	-	-	746	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**112565**	**-**	**-**	**-**	**3363**	**-**
Residential	-	-	-	-	112565	-	-	-	2076	-
Comm. and public services	-	-	-	-	-	-	-	-	1138	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	149	-
NON-ENERGY USE	**-**	**-**	**-**	**12**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	2	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	10	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	25862
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**25862**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**9571**
Electricity plants	-	-	-	-	-	-	-	-	-	-	9571
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**11119**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	11119
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	5172
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	3814	-	-	-	93	24	466	405	-	901
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1956	-	-	-	-	35	60	3	-	9
Exports	-3257	-	-	-	-	-	-110	-220	-	-100
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-48
Intl. aviation bunkers	-	-	-	-	-	-	-	-79	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**2513**	**-**	**-**	**-**	**93**	**59**	**416**	**109**	**-**	**762**
Transfers	-	-	-	-	-	-	-	-91	91	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**2513**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**161**
Electricity plants	-	-	-	-	-	-	-	-	-	161
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	2513	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**34**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	34	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	59	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**59**	**416**	**18**	**91**	**601**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**19**	**8**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	19	8
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**416**	**18**	**-**	**593**
Domestic aviation	-	-	-	-	-	-	-	18	-	-
Road	-	-	-	-	-	-	416	-	-	569
Rail	-	-	-	-	-	-	-	-	-	19
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	5
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**59**	**-**	**-**	**72**	**-**
Residential	-	-	-	-	-	55	-	-	72	-
Comm. and public services	-	-	-	-	-	4	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	402	-	-	215	205073	-	-	-	6922	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	31	-	-	-	-	-	-
Exports	-193	-	-	-211	-	-	-	-	-	-
Intl. marine bunkers	-4	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**205**	**-**	**-**	**35**	**205073**	**-**	**-**	**-**	**6922**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-1	-	-	-	-	-
TRANSFORMATION	**69**	**-**	**-**	**-**	**8240**	**-**	**-**	**-**	**-**	**-**
Electricity plants	69	-	-	-	675	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	7565	-	-	-	-	-
ENERGY IND. OWN USE	**29**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**757**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	29	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	757	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	680	-
FINAL CONSUMPTION	**107**	**-**	**-**	**35**	**196832**	**-**	**-**	**-**	**5485**	**-**
INDUSTRY	**107**	**-**	**-**	**4**	**-**	**-**	**-**	**-**	**3011**	**-**
Iron and steel	-	-	-	-	-	-	-	-	94	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	1	-
Non-ferrous metals	7	-	-	-	-	-	-	-	1341	-
Non-metallic minerals	-	-	-	4	-	-	-	-	143	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	349	-
Food and tobacco	-	-	-	-	-	-	-	-	210	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	26	-
Non-specified	100	-	-	-	-	-	-	-	847	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**196832**	**-**	**-**	**-**	**2474**	**-**
Residential	-	-	-	-	178910	-	-	-	1135	-
Comm. and public services	-	-	-	-	17922	-	-	-	1261	-
Agriculture/forestry	-	-	-	-	-	-	-	-	78	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**31**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	2	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	11	-	-	-	-	-	-
in other	-	-	-	18	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	619764	2847246	..	..	491532	19246	211004	1581463	3705850	-	5067142
From other sources	-	173157	..	..	-	-	-	-	-	-	69086
Imports	62440	229146	..	..	2	38	-	-	-	-	2183986
Exports	-836	-6440	..	..	-8507	-137	-	-	-	-	-101571
Intl. marine bunkers	-	-	..	..	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	..	..	-	-	-	-	-	-	-
Stock changes	-3631	-37426	..	..	-2360	-5	-	-	-	-	-
DOMESTIC SUPPLY	**677737**	**3205683**	**..**	**..**	**480667**	**19142**	**211004**	**1581463**	**3705850**	**-**	**7218643**
Transfers	-	-	..	..	-591	-	-	-	-	-	-
Statistical differences	-66	5230	..	..	-2755	-69	-9277	169	-329669	-	-10136
TRANSFORMATION	**616558**	**2130656**	**..**	**..**	**306452**	**-**	**69086**	**420252**	**935297**	**-**	**1184956**
Electricity plants	322	1844931	..	..	-	-	-	306508	628832	-	972253
CHP plants	-	-	..	..	-	-	-	-	-	-	-
Heat plants	391	224059	..	..	-	-	-	113744	306465	-	205773
Blast furnaces	-	-	..	..	305980	-	-	-	-	-	-
Gas works	1540	13967	..	..	328	-	-	-	-	-	6930
Coke/pat.fuel/BKB/PB plants	612506	42995	..	..	144	-	-	-	-	-	-
Oil refineries	-	-	..	..	-	-	-	-	-	-	-
Petrochemical plants	-	-	..	..	-	-	-	-	-	-	-
Liquefaction plants	1799	4704	..	..	-	-	-	-	-	-	-
Other transformation	-	-	..	..	-	-	69086	-	-	-	-
ENERGY IND. OWN USE	**8227**	**104497**	**..**	**..**	**2914**	**146**	**6890**	**212112**	**-**	**-**	**993809**
Fuel mining and extraction	1030	55740	..	..	1202	91	-	12466	-	-	485544
Oil refineries	-	-	..	..	-	-	-	-	-	-	446624
Elec., CHP and heat plants	95	11680	..	..	489	21	-	8708	-	-	4106
Pumped storage plants	-	-	..	..	-	-	-	-	-	-	-
Other energy ind. own use	7102	37077	..	..	1223	34	6890	190938	-	-	57535
Losses	-	-	..	..	-	-	-	-	-	-	85801
FINAL CONSUMPTION	**52886**	**975760**	**..**	**..**	**167955**	**18927**	**125751**	**949268**	**2440884**	**-**	**4943941**
INDUSTRY	**46171**	**708347**	**..**	**..**	**148112**	**13158**	**61743**	**856491**	**2440884**	**-**	**1927790**
Iron and steel	30240	109085	..	..	96180	5788	-	658547	2440884	-	166317
Chemical and petrochemical	4381	117503	..	..	21245	5185	9009	78835	-	-	663354
Non-ferrous metals	2132	21028	..	..	5972	76	36410	19547	-	-	155419
Non-metallic minerals	6387	315583	..	..	11212	1041	10648	74502	-	-	347459
Transport equipment	33	4384	..	..	1697	18	431	498	-	-	129787
Machinery	1001	14145	..	..	9015	74	2838	9294	-	-	180813
Mining and quarrying	1047	12365	..	..	2059	172	1180	7100	-	-	35091
Food and tobacco	409	47910	..	..	141	195	-	1604	-	-	69865
Paper, pulp and print	167	19449	..	..	17	164	-	37	-	-	27242
Wood and wood products	6	6906	..	..	30	6	-	55	-	-	6009
Construction	68	9068	..	..	97	-	-	-	-	-	7319
Textile and leather	58	20498	..	..	40	226	47	3282	-	-	24393
Non-specified	242	10423	..	..	407	213	1180	3190	-	-	114722
TRANSPORT	**96**	**5316**	**..**	**..**	**27**	**-**	**-**	**-**	**-**	**-**	**690652**
Domestic aviation	-	-	..	..	-	-	-	-	-	-	-
Road	-	-	..	..	-	-	-	-	-	-	678045
Rail	96	5316	..	..	23	-	-	-	-	-	-
Pipeline transport	-	-	..	..	-	-	-	-	-	-	12607
Domestic navigation	-	-	..	..	-	-	-	-	-	-	-
Non-specified	-	-	..	..	4	-	-	-	-	-	-
OTHER	**-**	**190899**	**..**	**..**	**1231**	**5769**	**64008**	**73340**	**-**	**-**	**1763199**
Residential	-	87239	..	..	364	5293	56900	66720	-	-	1333698
Comm. and public services	-	37545	..	..	518	347	7108	6620	-	-	426425
Agriculture/forestry	-	25788	..	..	349	-	-	-	-	-	3076
Fishing	-	-	..	..	-	-	-	-	-	-	-
Non-specified	-	40327	..	..	-	129	-	-	-	-	-
NON-ENERGY USE	**6619**	**71198**	**..**	**..**	**18585**	**-**	**-**	**19437**	**-**	**-**	**562300**
in industry/transf./energy	6619	71198	..	..	18585	-	-	19437	-	-	562300
of which: chem./petrochem.	-	-	..	..	-	-	-	-	-	-	*562300*
in transport	-	-	..	..	-	-	-	-	-	-	-
in other	-	-	..	..	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	211429	193	-	-	16569	23974	110292	28883	1092	174994
From other sources	2122	-	-	-	-	-	-	-	-	-
Imports	308374	-	-	-	-	7394	34	3914	227	474
Exports	-600	-	-	-	-	-1444	-5075	-10637	-28	-4105
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-211
Intl. aviation bunkers	-	-	-	-	-	-	-	-6962	-	-
Stock changes	-3757	-	-	-	-	-80	-7550	-	-97	-937
DOMESTIC SUPPLY	**517568**	**193**	**-**	**-**	**16569**	**29844**	**97701**	**15198**	**1194**	**170215**
Transfers	-2122	-193	591	-	-	315	-	-	-	1282
Statistical differences	121	-	-	-	73	-32	56	-	-	-72
TRANSFORMATION	**505833**	**-**	**591**	**-**	**2280**	**27**	**-**	**-**	**-**	**305**
Electricity plants	89	-	-	-	650	-	-	-	-	258
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	70	-	-	-	1630	27	-	-	-	47
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	505674	-	591	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**4689**	**-**	**-**	**-**	**13004**	**554**	**1**	**-**	**19**	**3074**
Fuel mining and extraction	4689	-	-	-	-	3	-	-	19	2502
Oil refineries	-	-	-	-	13004	550	-	-	-	177
Elec., CHP and heat plants	-	-	-	-	-	-	1	-	-	376
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	1	-	-	-	19
Losses	1078	-	-	-	-	25	-	-	-	-
FINAL CONSUMPTION	**3967**	**-**	**-**	**-**	**1358**	**29521**	**97756**	**15198**	**1175**	**168046**
INDUSTRY	**239**	**-**	**-**	**-**	**1110**	**2228**	**-**	**-**	**233**	**18093**
Iron and steel	-	-	-	-	-	173	-	-	2	748
Chemical and petrochemical	-	-	-	-	805	564	-	-	15	728
Non-ferrous metals	-	-	-	-	-	44	-	-	9	473
Non-metallic minerals	-	-	-	-	-	766	-	-	11	2939
Transport equipment	-	-	-	-	-	89	-	-	26	615
Machinery	-	-	-	-	-	237	-	-	42	1626
Mining and quarrying	-	-	-	-	-	20	-	-	6	3238
Food and tobacco	-	-	-	-	-	39	-	-	3	796
Paper, pulp and print	-	-	-	-	-	18	-	-	1	257
Wood and wood products	-	-	-	-	-	7	-	-	1	253
Construction	-	-	-	-	-	168	-	-	104	5520
Textile and leather	-	-	-	-	-	30	-	-	2	358
Non-specified	239	-	-	-	305	73	-	-	11	542
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**893**	**95486**	**15198**	**-**	**119343**
Domestic aviation	-	-	-	-	-	-	-	15198	-	-
Road	-	-	-	-	-	893	95486	-	-	97956
Rail	-	-	-	-	-	-	-	-	-	3736
Pipeline transport	-	-	-	-	-	-	-	-	-	1
Domestic navigation	-	-	-	-	-	-	-	-	-	15846
Non-specified	-	-	-	-	-	-	-	-	-	1804
OTHER	**98**	**-**	**-**	**-**	**-**	**23462**	**2166**	**-**	**922**	**30335**
Residential	-	-	-	-	-	21731	-	-	289	4922
Comm. and public services	-	-	-	-	-	1660	-	-	625	10493
Agriculture/forestry	-	-	-	-	-	71	2166	-	8	14920
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	98	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**3630**	**-**	**-**	**-**	**248**	**2938**	**104**	**-**	**20**	**275**
in industry/transf./energy	3630	-	-	-	248	2938	104	-	20	275
of which: chem./petrochem.	*3630*	-	-	-	*248*	*2938*	*104*	-	*20*	*275*
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	14446	38969	18316	57043	8474779	2500	324430	233878	5678945	3783164
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	17846	3697	5350	7724	-	-	-	-	6750	-
Exports	-9477	-132	-2443	-849	-	-	-	-	-18158	-
Intl. marine bunkers	-6939	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-62	-820	380	454	-	-	-	-	-	-
DOMESTIC SUPPLY	**15814**	**41714**	**21603**	**64372**	**8474779**	**2500**	**324430**	**233878**	**5667537**	**3783164**
Transfers	-	642	-	77	-	-	-	-	-	-
Statistical differences	286	-23	-12	-423	-	-	-	998	153	-
TRANSFORMATION	**2005**	**-**	**2644**	**334**	**659083**	**-**	**-**	**234876**	**-**	**-**
Electricity plants	356	-	1143	45	639971	-	-	186570	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	1649	-	1501	289	19112	-	-	48306	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**1527**	**-**	**-**	**8669**	**-**	**-**	**-**	**-**	**642004**	**460635**
Fuel mining and extraction	132	-	-	317	-	-	-	-	137164	27377
Oil refineries	1375	-	-	8343	-	-	-	-	71882	365675
Elec., CHP and heat plants	18	-	-	9	-	-	-	-	400917	66931
Pumped storage plants	-	-	-	-	-	-	-	-	18162	-
Other energy ind. own use	2	-	-	-	-	-	-	-	13879	652
Losses	-	-	-	-	-	-	-	-	309988	49969
FINAL CONSUMPTION	**12568**	**42333**	**18947**	**55023**	**7815696**	**2500**	**324430**	**-**	**4715698**	**3272560**
INDUSTRY	**3863**	**-**	**5635**	**19749**	**-**	**-**	**-**	**-**	**3160638**	**2221121**
Iron and steel	55	-	-	21	-	-	-	-	579560	267177
Chemical and petrochemical	340	-	-	9890	-	-	-	-	528173	1061279
Non-ferrous metals	507	-	-	73	-	-	-	-	439937	120259
Non-metallic minerals	1919	-	-	196	-	-	-	-	332442	10454
Transport equipment	48	-	-	26	-	-	-	-	91186	48727
Machinery	143	-	-	100	-	-	-	-	409264	46011
Mining and quarrying	25	-	-	50	-	-	-	-	122317	41706
Food and tobacco	103	-	-	2	-	-	-	-	105472	141997
Paper, pulp and print	57	-	-	2	-	-	-	-	74360	198847
Wood and wood products	4	-	-	-	-	-	-	-	35330	4426
Construction	446	-	-	810	-	-	-	-	72167	8141
Textile and leather	104	-	-	9	-	-	-	-	190564	246051
Non-specified	112	-	5635	8570	-	-	-	-	179866	26046
TRANSPORT	**7088**	**-**	**-**	**-**	**-**	**2500**	**-**	**-**	**59706**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	2500	-	-	-	-
Rail	-	-	-	-	-	-	-	-	59706	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	7088	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**1179**	**-**	**-**	**1**	**7815696**	**-**	**324430**	**-**	**1495354**	**1051439**
Residential	-	-	-	-	7815696	-	324430	-	717610	864824
Comm. and public services	1166	-	-	1	-	-	-	-	285587	82719
Agriculture/forestry	13	-	-	-	-	-	-	-	101339	889
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	390818	103007
NON-ENERGY USE	**438**	**42333**	**13312**	**35273**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	438	42333	13312	10573	-	-	-	-	-	-
of which: chem./petrochem.	*438*	*42333*	-	*9563*	-	-	-	-	-	-
in transport	-	-	-	1270	-	-	-	-	-	-
in other	-	-	-	23430	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	4687	83891	-	-	2495	-	-	1508	1175	-	460779
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-1438	-79752	-	-	-1973	-	-	-	-	-	-65066
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**3249**	**4139**	**-**	**-**	**522**	**-**	**-**	**1508**	**1175**	**-**	**395713**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-86	-	-	-	-	-	-7002
TRANSFORMATION	**2365**	**2610**	**-**	**-**	**146**	**-**	**-**	**-**	**400**	**-**	**118967**
Electricity plants	-	2610	-	-	-	-	-	-	400	-	118967
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	146	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	2365	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**960**	**-**	**-**	**88687**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	55770
Oil refineries	-	-	-	-	-	-	-	-	-	-	32917
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	960	-	-	-
Losses	-	-	-	-	109	-	-	-	151	-	-
FINAL CONSUMPTION	**884**	**1529**	**-**	**-**	**181**	**-**	**-**	**548**	**624**	**-**	**181057**
INDUSTRY	**884**	**1416**	**-**	**-**	**181**	**-**	**-**	**548**	**624**	**-**	**84722**
Iron and steel	884	256	-	-	177	-	-	548	624	-	2356
Chemical and petrochemical	-	81	-	-	3	-	-	-	-	-	35724
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	558	-	-	-	-	-	-	-	-	32441
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	1	-	-	-	-	-	364
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	106	-	-	-	-	-	-	-	-	5354
Paper, pulp and print	-	239	-	-	-	-	-	-	-	-	4042
Wood and wood products	-	-	-	-	-	-	-	-	-	-	1424
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	176	-	-	-	-	-	-	-	-	878
Non-specified	-	-	-	-	-	-	-	-	-	-	2139
TRANSPORT	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**34629**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	34629
Rail	-	1	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**112**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**61706**
Residential	-	112	-	-	-	-	-	-	-	-	44421
Comm. and public services	-	-	-	-	-	-	-	-	-	-	17285
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	51064	236	-	-	375	523	3671	1086	249	5422
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	609	40	-	3937
Exports	-33073	-	-	-	-	-31	-	-26	-	-734
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-627
Intl. aviation bunkers	-	-	-	-	-	-	-	-1032	-	-
Stock changes	-559	-	-	-	-	66	-119	-55	-	-1490
DOMESTIC SUPPLY	**17432**	**236**	**-**	**-**	**375**	**558**	**4161**	**13**	**249**	**6508**
Transfers	-254	-236	-	-	-	34	93	-	-	-
Statistical differences	-	-	-	-	-	49	-98	-	-	-
TRANSFORMATION	**16937**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**46**
Electricity plants	-	-	-	-	-	-	-	-	-	46
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	16937	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**241**	**-**	**-**	**-**	**375**	**19**	**39**	**-**	**-**	**10**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	241	-	-	-	375	19	39	-	-	10
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**622**	**4117**	**13**	**249**	**6452**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**69**	**47**	**-**	**38**	**225**
Iron and steel	-	-	-	-	-	2	-	-	4	12
Chemical and petrochemical	-	-	-	-	-	3	-	-	5	22
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	4	-	-	22	27
Transport equipment	-	-	-	-	-	1	-	-	-	-
Machinery	-	-	-	-	-	1	-	-	-	8
Mining and quarrying	-	-	-	-	-	43	-	-	-	-
Food and tobacco	-	-	-	-	-	11	-	-	2	59
Paper, pulp and print	-	-	-	-	-	2	-	-	1	3
Wood and wood products	-	-	-	-	-	-	-	-	1	1
Construction	-	-	-	-	-	-	47	-	-	8
Textile and leather	-	-	-	-	-	2	-	-	3	13
Non-specified	-	-	-	-	-	-	-	-	-	72
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**4017**	**13**	**-**	**4986**
Domestic aviation	-	-	-	-	-	-	10	13	-	-
Road	-	-	-	-	-	-	3967	-	-	4694
Rail	-	-	-	-	-	-	-	-	-	44
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	40	-	-	248
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**553**	**53**	**-**	**211**	**1241**
Residential	-	-	-	-	-	507	47	-	-	-
Comm. and public services	-	-	-	-	-	46	-	-	26	155
Agriculture/forestry	-	-	-	-	-	-	6	-	183	1086
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	2	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	4521	327	-	424	154330	41	-	-	69920	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	12	-	-	-	-	-	-	-	47	-
Exports	-3692	-	-	-	-	-	-	-	-849	-
Intl. marine bunkers	-254	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-773	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-186**	**327**	**-**	**424**	**154330**	**41**	**-**	**-**	**69118**	**-**
Transfers	254	-	-	-	-	-	-	-	-	-
Statistical differences	86	-	-	-	4	-1	-	-	-8386	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**33691**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	22537	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	11154	-	-	-	-	-
ENERGY IND. OWN USE	**11**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1977**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	11	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	1977	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	39	-	-	-	-	-	-	-	7487	-
FINAL CONSUMPTION	**104**	**327**	**-**	**424**	**120643**	**40**	**-**	**-**	**51268**	**-**
INDUSTRY	**81**	**327**	**-**	**-**	**31082**	**1**	**-**	**-**	**16374**	**-**
Iron and steel	-	-	-	-	-	-	-	-	2866	-
Chemical and petrochemical	2	327	-	-	2013	-	-	-	2328	-
Non-ferrous metals	-	-	-	-	7	-	-	-	-	-
Non-metallic minerals	1	-	-	-	73	-	-	-	1449	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	56	-	-	-	7	-	-	-	432	-
Mining and quarrying	-	-	-	-	-	-	-	-	3868	-
Food and tobacco	7	-	-	-	21625	-	-	-	2428	-
Paper, pulp and print	10	-	-	-	7307	-	-	-	1406	-
Wood and wood products	-	-	-	-	-	-	-	-	64	-
Construction	1	-	-	-	-	-	-	-	70	-
Textile and leather	4	-	-	-	50	-	-	-	903	-
Non-specified	-	-	-	-	-	1	-	-	560	-
TRANSPORT	**10**	**-**	**-**	**-**	**-**	**36**	**-**	**-**	**77**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	36	-	-	-	-
Rail	10	-	-	-	-	-	-	-	77	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**13**	**-**	**-**	**-**	**89561**	**3**	**-**	**-**	**34817**	**-**
Residential	-	-	-	-	60454	-	-	-	21766	-
Comm. and public services	-	-	-	-	-	-	-	-	12519	-
Agriculture/forestry	-	-	-	-	28426	3	-	-	532	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	13	-	-	-	681	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**424**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	424	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	9166
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**9166**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**9166**
Electricity plants	-	-	-	-	-	-	-	-	-	-	9166
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	12809	730	-	-	-	8	78	60	20	270
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	86	36	-	189
Exports	-11637	-705	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-40	-	-
Stock changes	-327	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**845**	**25**	**-**	**-**	**-**	**8**	**164**	**56**	**20**	**459**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-29	-	7
TRANSFORMATION	**845**	**25**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	845	25	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**8**	**164**	**27**	**20**	**466**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**23**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	23
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**164**	**27**	**-**	**443**
Domestic aviation	-	-	-	-	-	-	-	27	-	-
Road	-	-	-	-	-	-	164	-	-	350
Rail	-	-	-	-	-	-	-	-	-	93
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**8**	**-**	**-**	**20**	**-**
Residential	-	-	-	-	-	8	-	-	20	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	332	10	-	13	62090	-	-	-	1740	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	10	-	-	-	-	18	-
Exports	-332	-	-	-	-	-	-	-	-22	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**10**	**-**	**23**	**62090**	**-**	**-**	**-**	**1736**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-62	-	-	-	32	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**11742**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	11742	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**195**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	195	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	775	-
FINAL CONSUMPTION	**-**	**10**	**-**	**23**	**50286**	**-**	**-**	**-**	**798**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**373**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	373	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**50286**	**-**	**-**	**-**	**425**	**-**
Residential	-	-	-	-	49670	-	-	-	425	-
Comm. and public services	-	-	-	-	616	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**10**	**-**	**23**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	10	-	23	-	-	-	-	-	-
of which: chem./petrochem.	-	*10*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	848	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	3	-	-	94	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**3**	**-**	**-**	**94**	**-**	**-**	**-**	**848**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**75**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	75	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**3**	**-**	**-**	**19**	**-**	**-**	**-**	**848**	**-**	**-**
INDUSTRY	**-**	**3**	**-**	**-**	**19**	**-**	**-**	**-**	**848**	**-**	**-**
Iron and steel	-	-	-	-	19	-	-	-	848	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	3	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	134	794	174	-	965
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-154	-	-
Stock changes	2	-	-	-	-	-	-22	7	-	3
DOMESTIC SUPPLY	**2**	**-**	**-**	**-**	**-**	**134**	**772**	**27**	**-**	**968**
Transfers	-2	-	-	-	-	-	-	-6	6	3
Statistical differences	-	-	-	-	-	3	11	-18	-	-1
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**60**
Electricity plants	-	-	-	-	-	-	-	-	-	60
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**137**	**783**	**3**	**6**	**910**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**59**	**-**	**-**	**1**	**67**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	1	-	-	-	6
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	30	-	-	1	40
Paper, pulp and print	-	-	-	-	-	-	-	-	-	1
Wood and wood products	-	-	-	-	-	2	-	-	-	1
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	3	-	-	-	7
Non-specified	-	-	-	-	-	23	-	-	-	12
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**8**	**777**	**3**	**-**	**773**
Domestic aviation	-	-	-	-	-	-	-	3	-	-
Road	-	-	-	-	-	8	777	-	-	771
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	2
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**70**	**6**	**-**	**5**	**70**
Residential	-	-	-	-	-	51	-	-	5	-
Comm. and public services	-	-	-	-	-	19	-	-	-	13
Agriculture/forestry	-	-	-	-	-	-	6	-	-	33
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	24
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	27551	-	4	-	10217	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	318	-	-	61	-	-	-	-	759	-
Exports	-	-	-	-	-	-	-	-	-555	-
Intl. marine bunkers	-1	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-9	1	-	-1	-	-	-	-	-	-
DOMESTIC SUPPLY	**308**	**1**	**-**	**60**	**27551**	**-**	**4**	**-**	**10421**	**-**
Transfers	-2	-	-	-	-	-	-	-	-	-
Statistical differences	-16	-1	-	5	-1	-	-	-	9	-
TRANSFORMATION	**177**	**-**	**-**	**-**	**2250**	**-**	**1**	**-**	**-**	**-**
Electricity plants	177	-	-	-	118	-	1	-	-	-
CHP plants	-	-	-	-	2006	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	126	-	-	-	-	-
ENERGY IND. OWN USE	**10**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**117**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	10	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	117	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1106	-
FINAL CONSUMPTION	**103**	**-**	**-**	**65**	**25300**	**-**	**3**	**-**	**9207**	**-**
INDUSTRY	**98**	**-**	**-**	**-**	**18764**	**-**	**-**	**-**	**1858**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	8	-	-	-	-	-	-	-	373	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	54	-	-	-	14628	-	-	-	623	-
Paper, pulp and print	7	-	-	-	267	-	-	-	36	-
Wood and wood products	-	-	-	-	3758	-	-	-	116	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	3	-	-	-	-	-	-	-	65	-
Non-specified	26	-	-	-	111	-	-	-	645	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**5**	**-**	**-**	**-**	**6536**	**-**	**3**	**-**	**7349**	**-**
Residential	-	-	-	-	5493	-	3	-	3516	-
Comm. and public services	5	-	-	-	1043	-	-	-	3450	-
Agriculture/forestry	-	-	-	-	-	-	-	-	314	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	69	-
NON-ENERGY USE	**-**	**-**	**-**	**65**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	65	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	76838
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**76838**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	1
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**64991**
Electricity plants	-	-	-	-	-	-	-	-	-	-	64991
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**11848**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**11848**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	11848
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	948	2	-	-	25	15	548	683	54	1192
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	3277	-	33	-	-	188	-	-	-	-
Exports	-888	-	-	-	-	-5	-252	-617	-	-319
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-32
Intl. aviation bunkers	-	-	-	-	-	-	-	-66	-	-
Stock changes	-	-	47	-	-	-	12	-	-	-
DOMESTIC SUPPLY	**3337**	**2**	**80**	**-**	**25**	**198**	**308**	**-**	**54**	**841**
Transfers	-	-2	-	-	-	2	-	-	-	-
Statistical differences	-215	-	-	-	-	1	-	-	-	98
TRANSFORMATION	**3122**	**-**	**80**	**-**	**-**	**-**	**-**	**-**	**-**	**3**
Electricity plants	-	-	-	-	-	-	-	-	-	3
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	3122	-	80	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**25**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	25	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**201**	**308**	**-**	**54**	**936**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**32**	**-**	**-**	**-**	**186**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	32	-	-	-	186
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**308**	**-**	**-**	**609**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	308	-	-	507
Rail	-	-	-	-	-	-	-	-	-	12
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	90
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**169**	**-**	**-**	**54**	**141**
Residential	-	-	-	-	-	118	-	-	54	-
Comm. and public services	-	-	-	-	-	51	-	-	-	39
Agriculture/forestry	-	-	-	-	-	-	-	-	-	102
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	396	-	-	199	423367	-	-	-	8286	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-
Exports	-168	-	-	-151	-	-	-	-	-877	-
Intl. marine bunkers	-14	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**214**	**-**	**-**	**48**	**423367**	**-**	**-**	**-**	**7409**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	4	-	-	-	-	-	-
TRANSFORMATION	**152**	**-**	**-**	**-**	**197778**	**-**	**-**	**-**	**-**	**-**
Electricity plants	152	-	-	-	1478	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	196300	-	-	-	-	-
ENERGY IND. OWN USE	**31**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**414**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	31	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	414	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	2218	-	-	-	1187	-
FINAL CONSUMPTION	**31**	**-**	**-**	**52**	**223371**	**-**	**-**	**-**	**5808**	**-**
INDUSTRY	**31**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1738**	**-**
Iron and steel	-	-	-	-	-	-	-	-	83	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	88	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	28	-	-	-	-	-	-	-	634	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	418	-
Construction	-	-	-	-	-	-	-	-	46	-
Textile and leather	-	-	-	-	-	-	-	-	122	-
Non-specified	3	-	-	-	-	-	-	-	347	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**223371**	**-**	**-**	**-**	**4070**	**-**
Residential	-	-	-	-	200129	-	-	-	2003	-
Comm. and public services	-	-	-	-	23242	-	-	-	1923	-
Agriculture/forestry	-	-	-	-	-	-	-	-	144	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**52**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	52	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	42	-	-	-	67163
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	962	-	44	28	-	-	-	-	-	43542
Exports	-	-14	-	-	-1	-	-	-	-	-	-16681
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	80	-	2	2	-	-	-	-	-	-81
DOMESTIC SUPPLY	**-**	**1028**	**-**	**46**	**29**	**-**	**42**	**-**	**-**	**-**	**93943**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**919**	**-**	**9**	**-**	**-**	**-**	**-**	**-**	**-**	**21894**
Electricity plants	-	919	-	-	-	-	-	-	-	-	23
CHP plants	-	-	-	9	-	-	-	-	-	-	15747
Heat plants	-	-	-	-	-	-	-	-	-	-	2753
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	42
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	3329
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8039**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	3114
Oil refineries	-	-	-	-	-	-	-	-	-	-	4925
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	1115
FINAL CONSUMPTION	**-**	**109**	**-**	**37**	**29**	**-**	**42**	**-**	**-**	**-**	**62895**
INDUSTRY	**-**	**109**	**-**	**28**	**29**	**-**	**-**	**-**	**-**	**-**	**16370**
Iron and steel	-	1	-	-	3	-	-	-	-	-	227
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	4690
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	42
Non-metallic minerals	-	107	-	2	21	-	-	-	-	-	3260
Transport equipment	-	-	-	-	-	-	-	-	-	-	115
Machinery	-	-	-	-	-	-	-	-	-	-	842
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	4
Food and tobacco	-	1	-	26	5	-	-	-	-	-	5002
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	1357
Wood and wood products	-	-	-	-	-	-	-	-	-	-	77
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	500
Non-specified	-	-	-	-	-	-	-	-	-	-	254
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**150**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	150
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**9**	**-**	**-**	**42**	**-**	**-**	**-**	**27126**
Residential	-	-	-	9	-	-	20	-	-	-	20149
Comm. and public services	-	-	-	-	-	-	22	-	-	-	6143
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	834
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**19249**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	19249
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*19249*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	541	54	-	-	276	189	805	106	-	1063
From other sources	61	-	-	-	-	-	-	-	-	-
Imports	1851	-	444	58	-	44	142	28	2	1020
Exports	-	-	-	-	-	-132	-428	-4	-	-528
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-115	-	-
Stock changes	-3	-	9	-	-	2	14	-5	-	32
DOMESTIC SUPPLY	**2450**	**54**	**453**	**58**	**276**	**103**	**533**	**10**	**2**	**1587**
Transfers	-	-36	-	-	-	36	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**2450**	**18**	**453**	**58**	**2**	**-**	**-**	**-**	**-**	**4**
Electricity plants	-	-	-	-	-	-	-	-	-	1
CHP plants	-	-	-	-	2	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	3
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	2450	18	453	58	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**274**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	274	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**139**	**533**	**10**	**2**	**1583**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**16**	**4**	**-**	**2**	**112**
Iron and steel	-	-	-	-	-	1	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	1	1
Non-ferrous metals	-	-	-	-	-	4	-	-	1	1
Non-metallic minerals	-	-	-	-	-	2	-	-	-	2
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	4	-	-	-	1
Mining and quarrying	-	-	-	-	-	-	-	-	-	11
Food and tobacco	-	-	-	-	-	2	-	-	-	9
Paper, pulp and print	-	-	-	-	-	1	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	2	4	-	-	85
Textile and leather	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	-	-	-	-	1
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**61**	**521**	**10**	**-**	**1184**
Domestic aviation	-	-	-	-	-	-	-	10	-	-
Road	-	-	-	-	-	61	521	-	-	1120
Rail	-	-	-	-	-	-	-	-	-	21
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	43
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**62**	**8**	**-**	**-**	**287**
Residential	-	-	-	-	-	47	-	-	-	68
Comm. and public services	-	-	-	-	-	12	-	-	-	36
Agriculture/forestry	-	-	-	-	-	3	8	-	-	155
Fishing	-	-	-	-	-	-	-	-	-	28
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	423	31	35	25	57555	35	1096	425	13554	10127
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	30	-	165	148	501	-	-	-	10898	-
Exports	-335	-37	-29	-56	-11945	-2	-	-	-6945	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	46	6	9	40	-424	-	-	-	-	-
DOMESTIC SUPPLY	**164**	**-**	**180**	**157**	**45687**	**33**	**1096**	**425**	**17507**	**10127**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**41**	**-**	**-**	**-**	**1468**	**-**	**974**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	389	-	-	-
CHP plants	38	-	-	-	1190	-	585	-	-	-
Heat plants	3	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	278	-	-	-	-	-
ENERGY IND. OWN USE	**92**	**-**	**25**	**-**	**-**	**-**	**17**	**-**	**910**	**631**
Fuel mining and extraction	-	-	-	-	-	-	-	-	111	-
Oil refineries	92	-	25	-	-	-	-	-	236	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	395	574
Pumped storage plants	-	-	-	-	-	-	-	-	168	-
Other energy ind. own use	-	-	-	-	-	-	17	-	-	57
Losses	-	-	-	-	-	-	105	-	1764	1415
FINAL CONSUMPTION	**31**	**-**	**155**	**157**	**44220**	**33**	**-**	**425**	**14833**	**8081**
INDUSTRY	**20**	**-**	**155**	**-**	**1631**	**-**	**-**	**425**	**3291**	**1766**
Iron and steel	-	-	-	-	-	-	-	-	176	-
Chemical and petrochemical	2	-	-	-	-	-	-	-	272	574
Non-ferrous metals	-	-	-	-	4	-	-	-	79	-
Non-metallic minerals	5	-	155	-	18	-	-	425	552	-
Transport equipment	1	-	-	-	1	-	-	-	76	-
Machinery	2	-	-	-	5	-	-	-	400	373
Mining and quarrying	-	-	-	-	-	-	-	-	40	-
Food and tobacco	8	-	-	-	95	-	-	-	699	530
Paper, pulp and print	1	-	-	-	6	-	-	-	251	30
Wood and wood products	-	-	-	-	343	-	-	-	238	117
Construction	-	-	-	-	-	-	-	-	81	-
Textile and leather	1	-	-	-	1	-	-	-	159	54
Non-specified	-	-	-	-	1158	-	-	-	268	88
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**33**	**-**	**-**	**231**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	33	-	-	-	-
Rail	-	-	-	-	-	-	-	-	206	-
Pipeline transport	-	-	-	-	-	-	-	-	25	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**11**	**-**	**-**	**-**	**42589**	**-**	**-**	**-**	**11311**	**6315**
Residential	5	-	-	-	42408	-	-	-	5629	4787
Comm. and public services	3	-	-	-	181	-	-	-	5619	1306
Agriculture/forestry	3	-	-	-	-	-	-	-	63	222
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**157**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	137	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	*4*	-	-	-	-	-	-
in transport	-	-	-	19	-	-	-	-	-	-
in other	-	-	-	1	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	11	-	44345
From other sources	-	-	-	-	-	-	-	-	-	-	719
Imports	-	3	-	-	1	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**3**	**-**	**-**	**1**	**-**	**-**	**-**	**11**	**-**	**45064**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**27940**
Electricity plants	-	-	-	-	-	-	-	-	-	-	27940
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	1	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**11**	**-**	**17124**
INDUSTRY	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**11**	**-**	**14578**
Iron and steel	-	-	-	-	-	-	-	-	11	-	-
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	3	-	-	-	-	-	-	-	-	14578
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2546**
Residential	-	-	-	-	-	-	-	-	-	-	2362
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	184
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	3085	121	-	-	29	36	656	277	28	1180
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	5075	-	-	-	-	44	-	553	51	461
Exports	-	-	-	-	-	-	-428	-715	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-30
Intl. aviation bunkers	-	-	-	-	-	-	-	-115	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**8160**	**121**	**-**	**-**	**29**	**80**	**228**	**-**	**79**	**1611**
Transfers	-	-121	-	-	-	36	-	-	-	-
Statistical differences	-	-	-	-	-	5	-	-	-	-
TRANSFORMATION	**7371**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**439**
Electricity plants	2334	-	-	-	-	-	-	-	-	439
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	5037	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**29**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	29	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**789**	**-**	**-**	**-**	**-**	**121**	**228**	**-**	**79**	**1172**
INDUSTRY	**789**	**-**	**-**	**-**	**-**	**16**	**-**	**-**	**-**	**568**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	16	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	82
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	789	-	-	-	-	-	-	-	-	486
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**228**	**-**	**-**	**156**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	228	-	-	156
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**105**	**-**	**-**	**79**	**448**
Residential	-	-	-	-	-	66	-	-	79	16
Comm. and public services	-	-	-	-	-	7	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	106
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	32	-	-	-	326
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	2428	85	18	238	59721	380	-	-	19366	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1553	-	-	41	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-701	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**3280**	**85**	**18**	**279**	**59721**	**380**	**-**	**-**	**19366**	**-**
Transfers	-	85	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-3	-	-	-	-
TRANSFORMATION	**1533**	**16**	**-**	**-**	**15279**	**-**	**-**	**-**	**-**	**-**
Electricity plants	1533	-	-	-	12468	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	16	-	-	2811	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**154**	**18**	**-**	**-**	**-**	**-**	**-**	**1013**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	154	18	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	1013	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	2961	-
FINAL CONSUMPTION	**1747**	**-**	**-**	**279**	**44442**	**377**	**-**	**-**	**15392**	**-**
INDUSTRY	**1189**	**-**	**-**	**-**	**40215**	**-**	**-**	**-**	**3678**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	20	-	-	-	1	-	-	-	69	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	1169	-	-	-	40214	-	-	-	3609	-
TRANSPORT	**16**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**302**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	302	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	16	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**542**	**-**	**-**	**-**	**4227**	**377**	**-**	**-**	**11412**	**-**
Residential	-	-	-	-	576	377	-	-	8006	-
Comm. and public services	-	-	-	-	520	-	-	-	3090	-
Agriculture/forestry	19	-	-	-	2232	-	-	-	316	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	523	-	-	-	899	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**279**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	243	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	36	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [2]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Please refer to section 'Geographical Coverage'.
2. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [4]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [5]	Aviation fuels [6]	Other kerosene	Gas / Diesel [5]
Production	-	-	-	-	208	55	1890	707	-	1991
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	9803	44	149	-	-	-	65	59	-	477
Exports	-	-	-	-	-	-46	-1890	-705	-	-1976
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-200
Intl. aviation bunkers	-	-	-	-	-	-	-	-61	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**9803**	**44**	**149**	**-**	**208**	**9**	**65**	**-**	**-**	**292**
Transfers	-	-44	-	-	-	44	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**9803**	**-**	**149**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	9803	-	149	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**208**	**9**	**-**	**-**	**-**	**15**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	208	9	-	-	-	15
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**44**	**65**	**-**	**-**	**277**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**65**	**-**	**-**	**277**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	65	-	-	277
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**44**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	44	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

3. Please refer to section 'Geographical Coverage'.
4. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
5. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
6. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [8] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	3505	373	81	764	-	-	-	-	891	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1757	-	-	99	-	-	-	-	-	-
Exports	-3413	-373	-	-339	-	-	-	-	-	-
Intl. marine bunkers	-1430	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**419**	**-**	**81**	**524**	**-**	**-**	**-**	**-**	**891**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-1	-	-	-	-	-	-
TRANSFORMATION	**197**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	197	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**92**	**-**	**81**	**419**	**-**	**-**	**-**	**-**	**84**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	92	-	81	419	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	84	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	143	-
FINAL CONSUMPTION	**130**	**-**	**-**	**104**	**-**	**-**	**-**	**-**	**664**	**-**
INDUSTRY	**130**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**365**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	130	-	-	-	-	-	-	-	365	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**299**	**-**
Residential	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	299	-
NON-ENERGY USE	**-**	**-**	**-**	**104**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	104	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

7. Please refer to section 'Geographical coverage'.
8. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [2]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	5	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-1	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**4**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**4**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**4**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	4	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Please refer to section 'Geographical Coverage'.
2. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [4]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [5]	Aviation fuels [6]	Other kerosene	Gas / Diesel [5]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	48	342	221	13	549
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-80
Intl. aviation bunkers	-	-	-	-	-	-	-	-231	-	-
Stock changes	-	-	-	-	-	-	-2	4	-	-6
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**48**	**340**	**-6**	**13**	**463**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	1	8	-2	-1
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**125**
Electricity plants	-	-	-	-	-	-	-	-	-	125
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	2	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**48**	**341**	**2**	**9**	**337**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**6**	**-**	**-**	**-**	**13**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	2
Non-ferrous metals	-	-	-	-	-	1	-	-	-	-
Non-metallic minerals	-	-	-	-	-	1	-	-	-	2
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	3
Food and tobacco	-	-	-	-	-	4	-	-	-	3
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	3
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**341**	**-**	**-**	**224**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	341	-	-	224
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**42**	**-**	**2**	**9**	**100**
Residential	-	-	-	-	-	31	-	-	9	57
Comm. and public services	-	-	-	-	-	10	-	-	-	13
Agriculture/forestry	-	-	-	-	-	-	-	-	-	19
Fishing	-	-	-	-	-	-	-	-	-	2
Non-specified	-	-	-	-	-	1	-	2	-	9
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

3. Please refer to section 'Geographical Coverage'.
4. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
5. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
6. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [8] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	355	-	475	286	4350	45
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	942	-	149	28	491	11	-	30	-	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-153	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	39	-	13	1	-	-	-	-	-	-
DOMESTIC SUPPLY	**828**	**-**	**162**	**29**	**846**	**11**	**475**	**316**	**4350**	**45**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-11	-	-	-4	1	-	1	-	-	-
TRANSFORMATION	**797**	**-**	**-**	**-**	**27**	**-**	**292**	**-**	**-**	**-**
Electricity plants	797	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	292	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	27	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**212**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	3	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	205	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	4	-
Losses	-	-	-	-	-	-	-	-	173	-
FINAL CONSUMPTION	**20**	**-**	**162**	**25**	**820**	**11**	**184**	**316**	**3965**	**45**
INDUSTRY	**19**	**-**	**162**	**-**	**363**	**-**	**-**	**316**	**463**	**-**
Iron and steel	-	-	-	-	-	-	-	-	2	-
Chemical and petrochemical	-	-	-	-	42	-	-	-	38	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	6	-	162	-	277	-	-	316	150	-
Transport equipment	-	-	-	-	-	-	-	-	2	-
Machinery	-	-	-	-	-	-	-	-	17	-
Mining and quarrying	-	-	-	-	-	-	-	-	29	-
Food and tobacco	12	-	-	-	44	-	-	-	161	-
Paper, pulp and print	1	-	-	-	-	-	-	-	16	-
Wood and wood products	-	-	-	-	-	-	-	-	5	-
Construction	-	-	-	-	-	-	-	-	5	-
Textile and leather	-	-	-	-	-	-	-	-	5	-
Non-specified	-	-	-	-	-	-	-	-	33	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**11**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	11	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**1**	**-**	**-**	**-**	**457**	**-**	**184**	**-**	**3502**	**45**
Residential	-	-	-	-	256	-	-	-	1425	-
Comm. and public services	1	-	-	-	201	-	12	-	1838	-
Agriculture/forestry	-	-	-	-	-	-	172	-	145	45
Fishing	-	-	-	-	-	-	-	-	3	-
Non-specified	-	-	-	-	-	-	-	-	91	-
NON-ENERGY USE	**-**	**-**	**-**	**25**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	24	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	1	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

7. Please refer to section 'Geographical coverage'.
8. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	27090	3741	-	-	-	-	-	1841	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	113	-	-	200	-	-	-	-	-	-
Exports	-	-15610	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**11593**	**3741**	**-**	**200**	**-**	**-**	**-**	**1841**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**1915**	**350**	**-**	**169**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	1915	350	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	169	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**9678**	**3391**	**-**	**31**	**-**	**-**	**-**	**1841**	**-**	**-**
INDUSTRY	**-**	**7690**	**2133**	**-**	**31**	**-**	**-**	**-**	**1841**	**-**	**-**
Iron and steel	-	-	-	-	31	-	-	-	1841	-	-
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	7690	2133	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**1988**	**1258**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	1988	1258	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	178	-	37	191
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	532	-	-	-	-	-	11	-	1	44
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**532**	**-**	**-**	**-**	**-**	**-**	**189**	**-**	**38**	**235**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**532**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	532	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**189**	**-**	**38**	**235**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**189**	**-**	**-**	**235**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	189	-	-	235
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**38**	**-**
Residential	-	-	-	-	-	-	-	-	38	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	109	-	-	-	45928	-	-	-	17909	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	263	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**372**	**-**	**-**	**-**	**45928**	**-**	**-**	**-**	**17909**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**263**	**-**	**-**	**-**	**9266**	**-**	**-**	**-**	**-**	**-**
Electricity plants	263	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	9266	-	-	-	-	-
ENERGY IND. OWN USE	**16**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1699**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	16	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	1699	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	2832	-
FINAL CONSUMPTION	**93**	**-**	**-**	**-**	**36662**	**-**	**-**	**-**	**13378**	**-**
INDUSTRY	**93**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6689**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	93	-	-	-	-	-	-	-	6689	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**36662**	**-**	**-**	**-**	**6689**	**-**
Residential	-	-	-	-	4990	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	31672	-	-	-	6689	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	80
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**80**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**80**
Electricity plants	-	-	-	-	-	-	-	-	-	-	80
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	1061	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	513	226	3	910
Exports	-1061	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-226	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**513**	**-**	**3**	**910**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	1
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**
Electricity plants	-	-	-	-	-	-	-	-	-	1
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**513**	**-**	**3**	**910**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**513**	**-**	**-**	**910**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	513	-	-	682
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	228
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**-**
Residential	-	-	-	-	-	-	-	-	3	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	1102612	-	-	-	8831	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	41	-	-	5	-	-	-	-	1138	-
Exports	-	-	-	-	-	-	-	-	-69	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**41**	**-**	**-**	**5**	**1102612**	**-**	**-**	**-**	**9900**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-256	-	-	-	534	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**294238**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	2784	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	291454	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**640**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	640	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1895	-
FINAL CONSUMPTION	**41**	**-**	**-**	**5**	**808118**	**-**	**-**	**-**	**7899**	**-**
INDUSTRY	**41**	**-**	**-**	**-**	**123876**	**-**	**-**	**-**	**4342**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	41	-	-	-	123876	-	-	-	4342	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**684242**	**-**	**-**	**-**	**3557**	**-**
Residential	-	-	-	-	684242	-	-	-	2753	-
Comm. and public services	-	-	-	-	-	-	-	-	804	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**5**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	5	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	1043	-	-	510	-	-	-	-	-	39835
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	609
DOMESTIC SUPPLY	**-**	**1043**	**-**	**-**	**510**	**-**	**-**	**-**	**-**	**-**	**40444**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-56	-	-	-	-	-	-	-	-	1021
TRANSFORMATION	**-**	**987**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**35934**
Electricity plants	-	987	-	-	-	-	-	-	-	-	35934
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**510**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	510
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**510**	**-**	**-**	**-**	**-**	**-**	**5021**
INDUSTRY	**-**	**-**	**-**	**-**	**510**	**-**	**-**	**-**	**-**	**-**	**3819**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	510	-	-	-	-	-	3819
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1202**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	1202
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	12	16	164	227	10	361
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1372	-	-	-	-	832	571	240	-	742
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-461	-	-
Stock changes	31	-	-	-	-	-6	13	-6	-	27
DOMESTIC SUPPLY	**1403**	**-**	**-**	**-**	**12**	**842**	**748**	**-**	**10**	**1130**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-1	-	-	-	-	-3	-3	-	-	-
TRANSFORMATION	**1402**	**-**	**-**	**-**	**-**	**-**	**15**	**-**	**-**	**470**
Electricity plants	-	-	-	-	-	-	15	-	-	470
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	1402	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**12**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	12	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**839**	**730**	**-**	**10**	**660**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**43**	**23**	**-**	**-**	**30**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	10	22	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	33	1	-	-	30
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**337**	**707**	**-**	**-**	**565**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	707	-	-	565
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	337	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**459**	**-**	**-**	**10**	**65**
Residential	-	-	-	-	-	421	-	-	10	-
Comm. and public services	-	-	-	-	-	38	-	-	-	18
Agriculture/forestry	-	-	-	-	-	-	-	-	-	47
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	365	101	-	-	33757	-	-	-	18573	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1161	-	-	137	-	15	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-12	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**1514**	**101**	**-**	**137**	**33757**	**15**	**-**	**-**	**18573**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	1	-	-	-	-	-	-	-	-607	-
TRANSFORMATION	**1408**	**-**	**-**	**-**	**3179**	**-**	**-**	**-**	**-**	**-**
Electricity plants	1408	-	-	-	958	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	2221	-	-	-	-	-
ENERGY IND. OWN USE	**39**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**678**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	678	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	39	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	2151	-
FINAL CONSUMPTION	**68**	**101**	**-**	**137**	**30578**	**15**	**-**	**-**	**15137**	**-**
INDUSTRY	**68**	**-**	**-**	**-**	**10126**	**-**	**-**	**-**	**5373**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	68	-	-	-	10126	-	-	-	5373	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**15**	**-**	**-**	**51**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	15	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	51	-
OTHER	**-**	**-**	**-**	**-**	**20452**	**-**	**-**	**-**	**9713**	**-**
Residential	-	-	-	-	20388	-	-	-	5159	-
Comm. and public services	-	-	-	-	64	-	-	-	3573	-
Agriculture/forestry	-	-	-	-	-	-	-	-	981	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**101**	**-**	**137**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	101	-	137	-	-	-	-	-	-
of which: chem./petrochem.	-	*101*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	27755
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**27755**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	34
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**26224**
Electricity plants	-	-	-	-	-	-	-	-	-	-	26224
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1565**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1562**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	1562
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**
Residential	-	-	-	-	-	-	-	-	-	-	3
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	27902	155	-	-	-	98	1091	346	5	1468
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	925	2327	35	-	3342
Exports	-21257	-	-	-	-	-	-147	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-364	-	-
Stock changes	-10	-	-	-	-	-1	-30	-2	-	-52
DOMESTIC SUPPLY	**6635**	**155**	**-**	**-**	**-**	**1022**	**3241**	**15**	**5**	**4758**
Transfers	-	-155	-	-	-	96	59	-	-	-
Statistical differences	992	-	-	-	-	-1	-	-11	-2	243
TRANSFORMATION	**7445**	**-**	**-**	**-**	**-**	**16**	**-**	**-**	**-**	**591**
Electricity plants	262	-	-	-	-	16	-	-	-	591
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	7183	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**111**	**-**	**-**	**-**	**-**	**28**	**21**	**-**	**3**	**158**
Fuel mining and extraction	111	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	21	-	3	158
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	28	-	-	-	-
Losses	71	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**1073**	**3279**	**4**	**-**	**4252**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**183**	**1**	**-**	**-**	**1006**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	102	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	81	1	-	-	1006
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**11**	**2261**	**4**	**-**	**2831**
Domestic aviation	-	-	-	-	-	-	-	4	-	-
Road	-	-	-	-	-	11	2261	-	-	2587
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	244
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**879**	**1017**	**-**	**-**	**415**
Residential	-	-	-	-	-	808	-	-	-	-
Comm. and public services	-	-	-	-	-	49	-	-	-	284
Agriculture/forestry	-	-	-	-	-	22	100	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	917	-	-	131
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	3508	-	-	570	33004	12	-	-	24307	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	157	-	-	-	-	-	-	-	837	-
Exports	-1209	-	-	-20	-	-	-	-	-47	-
Intl. marine bunkers	-451	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**2005**	**-**	**-**	**550**	**33004**	**12**	**-**	**-**	**25097**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	62	-	-	-	-1	-	-	-	65	-
TRANSFORMATION	**1447**	**-**	**-**	**-**	**10154**	**-**	**-**	**-**	**-**	**-**
Electricity plants	1447	-	-	-	10154	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**213**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**530**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	213	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	530	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	3141	-
FINAL CONSUMPTION	**407**	**-**	**-**	**550**	**22849**	**12**	**-**	**-**	**21491**	**-**
INDUSTRY	**378**	**-**	**-**	**38**	**13017**	**-**	**-**	**-**	**8497**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	378	-	-	38	13017	-	-	-	8497	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**12**	**-**	**-**	**10**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	12	-	-	10	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**29**	**-**	**-**	**-**	**9832**	**-**	**-**	**-**	**12984**	**-**
Residential	-	-	-	-	9832	-	-	-	6364	-
Comm. and public services	29	-	-	-	-	-	-	-	4809	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	1811	-
NON-ENERGY USE	**-**	**-**	**-**	**512**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	512	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	377	-	93	-	4899	-	2145567
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	434	-	-	-	324	-	-	-	-	-	-
Exports	-	-	-	-	-128	-	-	-	-	-	-245918
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**434**	**-**	**-**	**-**	**573**	**-**	**93**	**-**	**4899**	**-**	**1899649**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**434**	**-**	**-**	**-**	**450**	**-**	**-**	**-**	**-**	**-**	**1082510**
Electricity plants	-	-	-	-	-	-	-	-	-	-	1082510
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	450	-	-	-	-	-	-
Gas works	17	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	417	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**247238**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	247238
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**123**	**-**	**93**	**-**	**4899**	**-**	**569901**
INDUSTRY	**-**	**-**	**-**	**-**	**123**	**-**	**-**	**-**	**4899**	**-**	**290513**
Iron and steel	-	-	-	-	123	-	-	-	4899	-	-
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	290513
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**19599**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	19599
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**93**	**-**	**-**	**-**	**55549**
Residential	-	-	-	-	-	-	93	-	-	-	55549
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**204240**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	204240
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*204240*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	29364	1320	-	-	112	434	2830	1269	249	5996
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	3047	-	-	-	-	2168	1005	178	-	4442
Exports	-9945	-	-	-	-	-	-	-262	-181	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-54
Intl. aviation bunkers	-	-	-	-	-	-	-	-687	-	-
Stock changes	-	-	-	-	-	-	-	-	-	355
DOMESTIC SUPPLY	**22466**	**1320**	**-**	**-**	**112**	**2602**	**3835**	**498**	**68**	**10739**
Transfers	-	-1320	-	-	-	1320	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**22466**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**83**
Electricity plants	-	-	-	-	-	-	-	-	-	83
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	22466	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**112**	**-**	**-**	**-**	**-**	**487**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	487
Oil refineries	-	-	-	-	112	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**3922**	**3835**	**498**	**68**	**10169**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**23**	**-**	**-**	**5**	**1212**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	23	-	-	5	1212
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**3835**	**498**	**-**	**7204**
Domestic aviation	-	-	-	-	-	-	-	498	-	-
Road	-	-	-	-	-	-	3835	-	-	7204
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**3899**	**-**	**-**	**63**	**1753**
Residential	-	-	-	-	-	3899	-	-	57	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	6	1753
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	7736	2280	212	1101	72744	-	-	-	171747	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	847	-	-	164	45	-	-	-	81	-
Exports	-	-1302	-	-17	-1074	-	-	-	-470	-
Intl. marine bunkers	-1530	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	822	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**7875**	**978**	**212**	**1248**	**71715**	**-**	**-**	**-**	**171358**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**5546**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	5546	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**141**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5648**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	141	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	5648	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	19154	-
FINAL CONSUMPTION	**2188**	**978**	**212**	**1248**	**71715**	**-**	**-**	**-**	**146556**	**-**
INDUSTRY	**1883**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**41678**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	1883	-	-	-	-	-	-	-	41678	-
TRANSPORT	**235**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**528**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	528	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	235	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**70**	**-**	**-**	**-**	**71715**	**-**	**-**	**-**	**104350**	**-**
Residential	-	-	-	-	35114	-	-	-	62441	-
Comm. and public services	-	-	-	-	-	-	-	-	35399	-
Agriculture/forestry	70	-	-	-	-	-	-	-	6510	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	36601	-	-	-	-	-
NON-ENERGY USE	**-**	**978**	**212**	**1248**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	978	212	1248	-	-	-	-	-	-
of which: chem./petrochem.	-	*978*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	270	476	152	1	561
Exports	-	-	-	-	-	-6	-	-	-	-11
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-152	-	-
Stock changes	-	-	-	-	-	13	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**277**	**476**	**-**	**1**	**550**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**
Electricity plants	-	-	-	-	-	-	-	-	-	1
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**277**	**476**	**-**	**1**	**549**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**85**	**-**	**-**	**-**	**129**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	85	-	-	-	129
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**2**	**476**	**-**	**-**	**420**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	2	476	-	-	420
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**190**	**-**	**-**	**1**	**-**
Residential	-	-	-	-	-	189	-	-	1	-
Comm. and public services	-	-	-	-	-	1	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	23749	-	409	-	6223	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	580	-	-	21	-	-	-	-	589	-
Exports	-	-	-	-	-	-	-	-	-208	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**580**	**-**	**-**	**21**	**23749**	**-**	**409**	**-**	**6604**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-1	-	-	-	-	-31	-
TRANSFORMATION	**528**	**-**	**-**	**-**	**8821**	**-**	**409**	**-**	**-**	**-**
Electricity plants	528	-	-	-	7640	-	409	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	1181	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**344**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	344	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	705	-
FINAL CONSUMPTION	**52**	**-**	**-**	**20**	**14928**	**-**	**-**	**-**	**5524**	**-**
INDUSTRY	**12**	**-**	**-**	**-**	**1074**	**-**	**-**	**-**	**2231**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	1	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	12	-	-	-	1074	-	-	-	2230	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**40**	**-**	**-**	**-**	**13854**	**-**	**-**	**-**	**3293**	**-**
Residential	-	-	-	-	12483	-	-	-	1601	-
Comm. and public services	40	-	-	-	1371	-	-	-	1487	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	205	-
NON-ENERGY USE	**-**	**-**	**-**	**20**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	20	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	2	10	1	14	79
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-1	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**2**	**10**	**-**	**14**	**79**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**34**
Electricity plants	-	-	-	-	-	-	-	-	-	34
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**2**	**10**	**-**	**14**	**45**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	1
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**10**	**-**	**-**	**44**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	10	-	-	44
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**2**	**-**	**-**	**14**	**-**
Residential	-	-	-	-	-	2	-	-	13	-
Comm. and public services	-	-	-	-	-	-	-	-	1	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	26501	-	-	-	370	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	73	-	-	2	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**73**	**-**	**-**	**2**	**26501**	**-**	**-**	**-**	**370**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-31	-	-	-	-	-
TRANSFORMATION	**67**	**-**	**-**	**-**	**8408**	**-**	**-**	**-**	**-**	**-**
Electricity plants	67	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	8408	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**17**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	17	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	50	-
FINAL CONSUMPTION	**6**	**-**	**-**	**2**	**18062**	**-**	**-**	**-**	**303**	**-**
INDUSTRY	**5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**84**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	5	-	-	-	-	-	-	-	84	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**1**	**-**	**-**	**-**	**18062**	**-**	**-**	**-**	**219**	**-**
Residential	-	-	-	-	17218	-	-	-	127	-
Comm. and public services	1	-	-	-	843	-	-	-	92	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	2	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	321	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**321**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**321**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**321**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	321	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	7	233	486	263	1727
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-386	-	-
Stock changes	-	-	-	-	-	-	-	-32	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**7**	**233**	**68**	**263**	**1727**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-4	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**
Electricity plants	-	-	-	-	-	-	-	-	-	3
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**7**	**229**	**68**	**263**	**1724**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**408**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	408
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**229**	**68**	**-**	**1045**
Domestic aviation	-	-	-	-	-	-	-	68	-	-
Road	-	-	-	-	-	-	229	-	-	1045
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**7**	**-**	**-**	**263**	**271**
Residential	-	-	-	-	-	7	-	-	263	-
Comm. and public services	-	-	-	-	-	-	-	-	-	47
Agriculture/forestry	-	-	-	-	-	-	-	-	-	112
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	112
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	1870234	7	-	-	9615	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	168	-	158	88	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-1052	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	1	-	-	-	-
DOMESTIC SUPPLY	**168**	**-**	**158**	**88**	**1870234**	**8**	**-**	**-**	**8563**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	4	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**364708**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	364708	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**259**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	259	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1775	-
FINAL CONSUMPTION	**172**	**-**	**158**	**88**	**1505526**	**8**	**-**	**-**	**6529**	**-**
INDUSTRY	**172**	**-**	**158**	**-**	**-**	**-**	**-**	**-**	**2241**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	158	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	172	-	-	-	-	-	-	-	2241	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**8**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	8	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**1505526**	**-**	**-**	**-**	**4288**	**-**
Residential	-	-	-	-	1491894	-	-	-	2435	-
Comm. and public services	-	-	-	-	13632	-	-	-	1806	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	47	-
NON-ENERGY USE	**-**	**-**	**-**	**88**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	88	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	6482	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	7	186	85	2	-	-	-	-	-	5166
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-41	-4	-	-	-	-	-	-	7
DOMESTIC SUPPLY	**-**	**7**	**145**	**6563**	**2**	**-**	**-**	**-**	**-**	**-**	**5173**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**6462**	**-**	**-**	**-**	**-**	**-**	**-**	**3589**
Electricity plants	-	-	-	6451	-	-	-	-	-	-	-
CHP plants	-	-	-	11	-	-	-	-	-	-	1714
Heat plants	-	-	-	-	-	-	-	-	-	-	1875
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	18
FINAL CONSUMPTION	**-**	**7**	**145**	**101**	**2**	**-**	**-**	**-**	**-**	**-**	**1566**
INDUSTRY	**-**	**7**	**145**	**91**	**2**	**-**	**-**	**-**	**-**	**-**	**1333**
Iron and steel	-	7	145	84	2	-	-	-	-	-	851
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	41
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	43
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	43
Transport equipment	-	-	-	-	-	-	-	-	-	-	103
Machinery	-	-	-	-	-	-	-	-	-	-	4
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	227
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	17
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	7	-	-	-	-	-	-	2
Non-specified	-	-	-	-	-	-	-	-	-	-	2
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**7**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	7
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**10**	**-**	**-**	**-**	**-**	**-**	**-**	**226**
Residential	-	-	-	4	-	-	-	-	-	-	2
Comm. and public services	-	-	-	2	-	-	-	-	-	-	224
Agriculture/forestry	-	-	-	4	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	1	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	63	104	27	-	560
Exports	-7	-	-	-	-	-2	-4	-16	-	-85
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-11	-	-
Stock changes	7	-	-	-	-	1	1	1	-	-6
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**62**	**102**	**1**	**-**	**469**
Transfers	-	-	1	-	-	-	-1	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	1	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	2
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**62**	**101**	**1**	**-**	**467**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**8**	**-**	**-**	**-**	**41**
Iron and steel	-	-	-	-	-	-	-	-	-	3
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	1	-	-	-	-
Non-metallic minerals	-	-	-	-	-	4	-	-	-	3
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	1	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	13
Food and tobacco	-	-	-	-	-	2	-	-	-	7
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	12
Textile and leather	-	-	-	-	-	-	-	-	-	3
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**41**	**100**	**1**	**-**	**373**
Domestic aviation	-	-	-	-	-	-	-	1	-	-
Road	-	-	-	-	-	41	100	-	-	370
Rail	-	-	-	-	-	-	-	-	-	3
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**13**	**1**	**-**	**-**	**53**
Residential	-	-	-	-	-	6	-	-	-	6
Comm. and public services	-	-	-	-	-	7	-	-	-	40
Agriculture/forestry	-	-	-	-	-	-	1	-	-	7
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	6612	3	-	-	5374	1956
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	127	-	164	53	352	-	-	-	3074	-
Exports	-6	-	-65	-1	-87	-3	-	-	-114	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	1	-	-7	1	208	-	-	-	-	-
DOMESTIC SUPPLY	**122**	**-**	**92**	**53**	**7085**	**-**	**-**	**-**	**8334**	**1956**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**41**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	41	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**2**	**-**	**-**	**-**	**5**	**-**	**-**	**-**	**536**	**5**
Fuel mining and extraction	-	-	-	-	-	-	-	-	106	-
Oil refineries	2	-	-	-	-	-	-	-	10	-
Elec., CHP and heat plants	-	-	-	-	5	-	-	-	398	5
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	22	-
Losses	-	-	-	-	-	-	-	-	1069	259
FINAL CONSUMPTION	**79**	**-**	**92**	**53**	**7080**	**-**	**-**	**-**	**6729**	**1692**
INDUSTRY	**70**	**-**	**92**	**-**	**420**	**-**	**-**	**-**	**2206**	**119**
Iron and steel	49	-	20	-	5	-	-	-	1555	92
Chemical and petrochemical	1	-	-	-	-	-	-	-	38	-
Non-ferrous metals	-	-	-	-	1	-	-	-	12	-
Non-metallic minerals	9	-	72	-	1	-	-	-	106	-
Transport equipment	-	-	-	-	-	-	-	-	43	-
Machinery	1	-	-	-	8	-	-	-	39	-
Mining and quarrying	-	-	-	-	10	-	-	-	154	-
Food and tobacco	7	-	-	-	260	-	-	-	137	27
Paper, pulp and print	-	-	-	-	-	-	-	-	9	-
Wood and wood products	-	-	-	-	13	-	-	-	3	-
Construction	1	-	-	-	3	-	-	-	18	-
Textile and leather	2	-	-	-	82	-	-	-	54	-
Non-specified	-	-	-	-	37	-	-	-	38	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**19**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	19	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**9**	**-**	**-**	**-**	**6660**	**-**	**-**	**-**	**4504**	**1573**
Residential	-	-	-	-	6308	-	-	-	3046	1141
Comm. and public services	4	-	-	-	275	-	-	-	1438	432
Agriculture/forestry	5	-	-	-	77	-	-	-	20	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**53**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	45	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	7	-	-	-	-	-	-
in other	-	-	-	1	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	12864
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**12864**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**11865**
Electricity plants	-	-	-	-	-	-	-	-	-	-	11865
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**904**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	904
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**95**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**95**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	46
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	49
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	11607	-	-	-	-	13	68	60	27	223
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	23	12	28	10	541
Exports	-10792	-	-	-	-	-	-	-25	-	-6
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-75
Intl. aviation bunkers	-	-	-	-	-	-	-	-63	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**815**	**-**	**-**	**-**	**-**	**36**	**80**	**-**	**37**	**683**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**815**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**151**
Electricity plants	-	-	-	-	-	-	-	-	-	151
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	815	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**36**	**80**	**-**	**37**	**532**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**13**	**295**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	13	295
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**80**	**-**	**-**	**180**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	80	-	-	180
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**36**	**-**	**-**	**24**	**57**
Residential	-	-	-	-	-	36	-	-	24	-
Comm. and public services	-	-	-	-	-	-	-	-	-	41
Agriculture/forestry	-	-	-	-	-	-	-	-	-	16
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	411	-	-	12	156832	-	-	-	2367	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	388	-
Exports	-244	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-109	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**58**	**-**	**-**	**12**	**156832**	**-**	**-**	**-**	**2755**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**2**	**-**	**-**	**-**	**302**	**-**	**-**	**-**	**-**	**-**
Electricity plants	2	-	-	-	302	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**129**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	46	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	83	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	555	-
FINAL CONSUMPTION	**56**	**-**	**-**	**12**	**156530**	**-**	**-**	**-**	**2071**	**-**
INDUSTRY	**56**	**-**	**-**	**-**	**113826**	**-**	**-**	**-**	**561**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	2	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	82	-
Food and tobacco	-	-	-	-	-	-	-	-	159	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	203	-
Construction	-	-	-	-	-	-	-	-	92	-
Textile and leather	-	-	-	-	-	-	-	-	2	-
Non-specified	56	-	-	-	113826	-	-	-	21	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	8	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**42704**	**-**	**-**	**-**	**1502**	**-**
Residential	-	-	-	-	42704	-	-	-	1077	-
Comm. and public services	-	-	-	-	-	-	-	-	312	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	113	-
NON-ENERGY USE	**-**	**-**	**-**	**12**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	12	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	299	-	-	-	-	-	-	399
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	126	-	-	131	1	-	-	-	-	84913
Exports	-	-	-	-3	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	4	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**126**	**-**	**296**	**135**	**1**	**-**	**-**	**-**	**-**	**85312**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**22345**
Electricity plants	-	-	-	-	-	-	-	-	-	-	22345
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	1	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	3520
FINAL CONSUMPTION	**-**	**126**	**-**	**295**	**135**	**1**	**-**	**-**	**-**	**-**	**59447**
INDUSTRY	**-**	**125**	**-**	**294**	**135**	**1**	**-**	**-**	**-**	**-**	**3719**
Iron and steel	-	8	-	-	127	-	-	-	-	-	356
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	99
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	114	-	294	8	-	-	-	-	-	1115
Transport equipment	-	-	-	-	-	-	-	-	-	-	17
Machinery	-	-	-	-	-	-	-	-	-	-	4
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	29
Food and tobacco	-	3	-	-	-	1	-	-	-	-	1533
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	89
Wood and wood products	-	-	-	-	-	-	-	-	-	-	1
Construction	-	-	-	-	-	-	-	-	-	-	383
Textile and leather	-	-	-	-	-	-	-	-	-	-	31
Non-specified	-	-	-	-	-	-	-	-	-	-	62
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**13611**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	13611
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**1**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**32052**
Residential	-	-	-	1	-	-	-	-	-	-	23240
Comm. and public services	-	1	-	-	-	-	-	-	-	-	8662
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	150
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10065**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	10065
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*10065*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	43	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	10	-	-	-	-	18	374	78	-	530
Exports	-51	-	-	-	-	-	-1	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-80	-	-
Stock changes	-2	-	-	-	-	-	8	3	-	-11
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**18**	**381**	**1**	**-**	**519**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**18**	**381**	**1**	**-**	**519**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**64**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	13
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	51
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**2**	**380**	**1**	**-**	**444**
Domestic aviation	-	-	-	-	-	-	-	1	-	-
Road	-	-	-	-	-	2	380	-	-	433
Rail	-	-	-	-	-	-	-	-	-	10
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**16**	**1**	**-**	**-**	**11**
Residential	-	-	-	-	-	16	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	6
Agriculture/forestry	-	-	-	-	-	-	1	-	-	5
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	19470	-	-	-	10371	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	14	-	-	106	-	-	-	-	853	-
Exports	-12	-	-	-2	-	-	-	-	-604	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-4	-	-	-	-	-	-
DOMESTIC SUPPLY	**2**	**-**	**-**	**100**	**19470**	**-**	**-**	**-**	**10620**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**234**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	17	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	217	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	600	-
FINAL CONSUMPTION	**2**	**-**	**-**	**100**	**19470**	**-**	**-**	**-**	**9786**	**-**
INDUSTRY	**-**	**-**	**-**	**1**	**13**	**-**	**-**	**-**	**2817**	**-**
Iron and steel	-	-	-	-	-	-	-	-	1446	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	198	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	222	-
Transport equipment	-	-	-	-	-	-	-	-	7	-
Machinery	-	-	-	-	-	-	-	-	11	-
Mining and quarrying	-	-	-	-	-	-	-	-	92	-
Food and tobacco	-	-	-	-	12	-	-	-	195	-
Paper, pulp and print	-	-	-	-	-	-	-	-	13	-
Wood and wood products	-	-	-	-	-	-	-	-	4	-
Construction	-	-	-	-	1	-	-	-	372	-
Textile and leather	-	-	-	-	-	-	-	-	7	-
Non-specified	-	-	-	1	-	-	-	-	250	-
TRANSPORT	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**267**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	1	-	-	-	-	-	-	-	267	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**1**	**-**	**-**	**-**	**19457**	**-**	**-**	**-**	**6702**	**-**
Residential	-	-	-	-	19131	-	-	-	2465	-
Comm. and public services	1	-	-	-	325	-	-	-	2567	-
Agriculture/forestry	-	-	-	-	1	-	-	-	31	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	1639	-
NON-ENERGY USE	**-**	**-**	**-**	**99**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	86	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	13	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	23782
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**23782**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**23782**
Electricity plants	-	-	-	-	-	-	-	-	-	-	23782
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	5328	-	-	-	5	3	40	9	5	28
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	693	-	-	-	-	236	1254	120	51	1742
Exports	-5386	-	-	-	-	-	-10	-106	-	-11
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-122	-	-
Stock changes	162	-	-	-	-	-	-173	99	-	-
DOMESTIC SUPPLY	**797**	**-**	**-**	**-**	**5**	**239**	**1111**	**-**	**56**	**1759**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	2	-	-	-	-44
TRANSFORMATION	**797**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	623	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	174	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**5**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	5	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**241**	**1111**	**-**	**56**	**1715**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**36**	**-**	**-**	**-**	**456**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	36	-	-	-	456
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**1102**	**-**	**-**	**1198**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	1102	-	-	1037
Rail	-	-	-	-	-	-	-	-	-	73
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	88
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**205**	**9**	**-**	**56**	**61**
Residential	-	-	-	-	-	177	-	-	56	-
Comm. and public services	-	-	-	-	-	28	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	61
Fishing	-	-	-	-	-	-	9	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	39	-	-	-	151939	-	-	-	12963	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	49	-	-	164	-	-	-	-	51	-
Exports	-	-	-	-	-31	-	-	-	-522	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-53	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**35**	**-**	**-**	**164**	**151908**	**-**	**-**	**-**	**12492**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	705	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**50245**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	50245	-	-	-	-	-
ENERGY IND. OWN USE	**8**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**87**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	8	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	87	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	2928	-
FINAL CONSUMPTION	**27**	**-**	**-**	**164**	**101663**	**-**	**-**	**-**	**10182**	**-**
INDUSTRY	**27**	**-**	**-**	**-**	**17093**	**-**	**-**	**-**	**5055**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	27	-	-	-	17093	-	-	-	5055	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**84570**	**-**	**-**	**-**	**5127**	**-**
Residential	-	-	-	-	79245	-	-	-	3223	-
Comm. and public services	-	-	-	-	5259	-	-	-	1904	-
Agriculture/forestry	-	-	-	-	66	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**164**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	164	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	32	7	-	414
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-322
Intl. aviation bunkers	-	-	-	-	-	-	-	-7	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**32**	**-**	**-**	**92**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**32**	**-**	**-**	**92**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**32**	**-**	**-**	**92**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	32	-	-	92
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	-	-	-	-	198	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	2653	-	-	24	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-2605	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**48**	**-**	**-**	**24**	**-**	**-**	**-**	**-**	**198**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**48**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	48	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	4	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	6	-
FINAL CONSUMPTION	**-**	**-**	**-**	**24**	**-**	**-**	**-**	**-**	**188**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**188**	**-**
Residential	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	17	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	171	-
NON-ENERGY USE	**-**	**-**	**-**	**24**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	24	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	720	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**720**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**720**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	720	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	548	-	-	-	-	-	-	-	-	36
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	420	1185	24	114	1472
Exports	-449	-	-	-	-	-141	-60	-	-	-82
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-325
Intl. aviation bunkers	-	-	-	-	-	-	-	-20	-	-
Stock changes	-27	-	-	-	-	23	-28	-4	-90	23
DOMESTIC SUPPLY	**72**	**-**	**-**	**-**	**-**	**302**	**1097**	**-**	**24**	**1124**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	1	-	-4	-
TRANSFORMATION	**72**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8**
Electricity plants	-	-	-	-	-	-	-	-	-	8
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	72	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**36**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	36
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**302**	**1098**	**-**	**20**	**1080**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**60**	**22**	**-**	**2**	**112**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	60	22	-	2	112
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**3**	**1076**	**-**	**-**	**968**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	1076	-	-	968
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	3	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**239**	**-**	**-**	**18**	**-**
Residential	-	-	-	-	-	233	-	-	17	-
Comm. and public services	-	-	-	-	-	6	-	-	1	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	34	322075	-	-	-	10725	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	463	-	1140	12	-	-	-	-	545	-
Exports	-17	-	-	-10	-	-	-	-	-1053	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	493	-	-21	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**939**	**-**	**1119**	**36**	**322075**	**-**	**-**	**-**	**10217**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-1	-	1	-	-	-	-	-
TRANSFORMATION	**483**	**-**	**-**	**-**	**81671**	**-**	**-**	**-**	**-**	**-**
Electricity plants	483	-	-	-	79589	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	2082	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**914**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	914	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1015	-
FINAL CONSUMPTION	**456**	**-**	**1118**	**36**	**240405**	**-**	**-**	**-**	**8288**	**-**
INDUSTRY	**456**	**-**	**1118**	**-**	**-**	**-**	**-**	**-**	**3347**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	456	-	1118	-	-	-	-	-	3347	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**240405**	**-**	**-**	**-**	**4941**	**-**
Residential	-	-	-	-	232703	-	-	-	2726	-
Comm. and public services	-	-	-	-	7701	-	-	-	2215	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**36**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	36	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	8	178	34	29	530
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-34	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**8**	**178**	**-**	**29**	**530**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-1	7	2	-	-10
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**128**
Electricity plants	-	-	-	-	-	-	-	-	-	128
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	7	2	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**7**	**178**	**-**	**29**	**392**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**201**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	201
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**178**	**-**	**-**	**191**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	178	-	-	191
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**7**	**-**	**-**	**29**	**-**
Residential	-	-	-	-	-	7	-	-	26	-
Comm. and public services	-	-	-	-	-	-	-	-	3	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	135295	-	-	-	1033	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	128	-	-	4	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	10	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**138**	**-**	**-**	**4**	**135295**	**-**	**-**	**-**	**1033**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	9	-
TRANSFORMATION	**128**	**-**	**-**	**-**	**32750**	**-**	**-**	**-**	**-**	**-**
Electricity plants	128	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	32750	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**11**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	11	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	621	-
FINAL CONSUMPTION	**10**	**-**	**-**	**4**	**102545**	**-**	**-**	**-**	**410**	**-**
INDUSTRY	**10**	**-**	**-**	**-**	**3308**	**-**	**-**	**-**	**184**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	10	-	-	-	3308	-	-	-	184	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**99237**	**-**	**-**	**-**	**226**	**-**
Residential	-	-	-	-	97389	-	-	-	189	-
Comm. and public services	-	-	-	-	1848	-	-	-	37	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**4**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	4	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	119	-	-	91	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**119**	**-**	**-**	**91**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-28	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**16**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	16	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**75**	**-**	**-**	**91**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**75**	**-**	**-**	**91**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	75	-	-	91	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	497	497	67	3	761
Exports	-	-	-	-	-	-394	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-67	-	-
Stock changes	-	-	-	-	-	17	48	-	21	80
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**120**	**545**	**-**	**24**	**841**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-1	-	-	-3	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**158**
Electricity plants	-	-	-	-	-	-	-	-	-	158
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**119**	**545**	**-**	**21**	**683**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	2	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**545**	**-**	**-**	**551**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	545	-	-	551
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**119**	**-**	**-**	**19**	**132**
Residential	-	-	-	-	-	119	-	-	18	-
Comm. and public services	-	-	-	-	-	-	-	-	-	6
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	1	126
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	94596	-	-	-	8038	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1057	-	-	-	-	-	-	-	827	-
Exports	-	-	-	-	-	-	-	-	-505	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	49	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**1106**	**-**	**-**	**-**	**94596**	**-**	**-**	**-**	**8360**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	1	-
TRANSFORMATION	**977**	**-**	**-**	**-**	**7563**	**-**	**-**	**-**	**-**	**-**
Electricity plants	977	-	-	-	7531	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	32	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	2809	-
FINAL CONSUMPTION	**129**	**-**	**-**	**-**	**87033**	**-**	**-**	**-**	**5552**	**-**
INDUSTRY	**124**	**-**	**-**	**-**	**10133**	**-**	**-**	**-**	**1548**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	124	-	-	-	10133	-	-	-	1548	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**5**	**-**	**-**	**-**	**76900**	**-**	**-**	**-**	**4004**	**-**
Residential	-	-	-	-	76900	-	-	-	2195	-
Comm. and public services	-	-	-	-	-	-	-	-	1809	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	5	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	12976
Imports	-	13789	-	-	-	-	-	-	-	-	96755
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**13789**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**109731**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**11248**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**80896**
Electricity plants	-	11248	-	-	-	-	-	-	-	-	80896
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**2541**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**28835**
INDUSTRY	**-**	**2541**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1673**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	2541	-	-	-	-	-	-	-	-	1673
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**27162**
Residential	-	-	-	-	-	-	-	-	-	-	15400
Comm. and public services	-	-	-	-	-	-	-	-	-	-	11762
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	399	380	5519	7	3287
Exports	-	-	-	-	-	-	-13	-134	-1	-94
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-1437
Intl. aviation bunkers	-	-	-	-	-	-	-	-5713	-	-
Stock changes	-	-	-	-	-	1	67	18	-	40
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**400**	**434**	**-310**	**6**	**1796**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	3	-	315	-	74
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**9**
Electricity plants	-	-	-	-	-	-	-	-	-	9
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**403**	**434**	**5**	**6**	**1861**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**8**	**-**	**-**	**1**	**533**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	8	-	-	1	533
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**318**	**434**	**5**	**-**	**1328**
Domestic aviation	-	-	-	-	-	-	-	5	-	-
Road	-	-	-	-	-	318	434	-	-	1328
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**77**	**-**	**-**	**5**	**-**
Residential	-	-	-	-	-	-	-	-	5	-
Comm. and public services	-	-	-	-	-	77	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	2264	105	1733	-	39902	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	6480	281	-	101	216	-	-	-	10289	-
Exports	-395	-	-	-15	-	-	-	-	-1226	-
Intl. marine bunkers	-6290	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	62	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-143**	**281**	**-**	**86**	**2480**	**105**	**1733**	**-**	**48965**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	196	-	-	-	-	-	-	-	1	-
TRANSFORMATION	**53**	**281**	**-**	**-**	**-**	**-**	**1733**	**-**	**-**	**-**
Electricity plants	53	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	1156	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	281	-	-	-	-	577	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	4986	-
FINAL CONSUMPTION	**-**	**-**	**-**	**86**	**2480**	**105**	**-**	**-**	**43980**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3134**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	3134	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**105**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	105	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**2480**	**-**	**-**	**-**	**40846**	**-**
Residential	-	-	-	-	2264	-	-	-	12061	-
Comm. and public services	-	-	-	-	-	-	-	-	28689	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	216	-	-	-	96	-
NON-ENERGY USE	**-**	**-**	**-**	**86**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	86	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	50568	551733	-	48270	27069	468	928	133277	306718	-	1278543
From other sources	-	6878	-	-	-	-	-	-	-	-	-
Imports	51700	78074	107855	-	3294	-	-	-	-	-	732278
Exports	-42	-1196	-	-3	-102	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-552	-3323	-	-1316	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**101674**	**632166**	**107855**	**46951**	**30261**	**468**	**928**	**133277**	**306718**	**-**	**2010821**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-10	-	-	-	-	-	-	-
TRANSFORMATION	**80359**	**459676**	**107855**	**41105**	**24940**	**-**	**-**	**26655**	**-**	**-**	**634030**
Electricity plants	41689	456339	107855	39473	-	-	-	26655	-	-	634030
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	3237	-	-	24940	-	-	-	-	-	-
Gas works	-	100	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	38670	-	-	1632	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**49**	**520**	**-**	**21**	**-**	**-**	**-**	**53311**	**-**	**-**	**40040**
Fuel mining and extraction	49	518	-	-	-	-	-	-	-	-	40040
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	2	-	21	-	-	-	53311	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**21266**	**171970**	**-**	**5815**	**5321**	**468**	**928**	**53311**	**306718**	**-**	**1336751**
INDUSTRY	**21257**	**143632**	**-**	**5815**	**5321**	**-**	**928**	**53311**	**306718**	**-**	**292254**
Iron and steel	3888	65292	-	23	5321	-	928	53311	306718	-	-
Chemical and petrochemical	900	1800	-	333	-	-	-	-	-	-	-
Non-ferrous metals	-	467	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	38119	-	1882	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	1648	-	690	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	415	-	2887	-	-	-	-	-	-	-
Non-specified	16469	35891	-	-	-	-	-	-	-	-	292254
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**81768**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	67784
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	13984
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**9**	**28338**	**-**	**-**	**-**	**468**	**-**	**-**	**-**	**-**	**87677**
Residential	9	6317	-	-	-	468	-	-	-	-	45643
Comm. and public services	-	10160	-	-	-	-	-	-	-	-	34544
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	7490
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	11861	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**875052**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	875052
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*875052*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	37461	3994	-	-	11162	7662	32325	11092	7487	94776
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	189432	-	-	-	-	8318	372	-	30	119
Exports	-	-	-	-	-	-254	-13582	-5520	-15	-25565
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-13
Intl. aviation bunkers	-	-	-	-	-	-	-	-3905	-	-
Stock changes	575	-	-	-	-	-336	-40	67	-39	28
DOMESTIC SUPPLY	**227468**	**3994**	**-**	**-**	**11162**	**15390**	**19075**	**1734**	**7463**	**69345**
Transfers	-	-3994	8128	-	-	2178	-	11	72	9
Statistical differences	-4226	-	-	-	-	450	-	-72	-448	416
TRANSFORMATION	**223242**	**-**	**8128**	**-**	**-**	**3**	**-**	**-**	**-**	**6668**
Electricity plants	-	-	-	-	-	3	-	-	-	6668
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	223242	-	8128	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**11162**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	11162	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**18015**	**19075**	**1673**	**7087**	**63102**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**183**	**-**	**-**	**-**	**3403**
Iron and steel	-	-	-	-	-	125	-	-	-	192
Chemical and petrochemical	-	-	-	-	-	35	-	-	-	118
Non-ferrous metals	-	-	-	-	-	-	-	-	-	26
Non-metallic minerals	-	-	-	-	-	-	-	-	-	158
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	21	-	-	-	79
Mining and quarrying	-	-	-	-	-	-	-	-	-	1002
Food and tobacco	-	-	-	-	-	-	-	-	-	1
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	140
Textile and leather	-	-	-	-	-	2	-	-	-	60
Non-specified	-	-	-	-	-	-	-	-	-	1627
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**165**	**19075**	**1673**	**-**	**50353**
Domestic aviation	-	-	-	-	-	-	-	1673	-	-
Road	-	-	-	-	-	164	19075	-	-	47313
Rail	-	-	-	-	-	1	-	-	-	2693
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	346
Non-specified	-	-	-	-	-	-	-	-	-	1
OTHER	**-**	**-**	**-**	**-**	**-**	**17667**	**-**	**-**	**7087**	**9346**
Residential	-	-	-	-	-	16040	-	-	6917	-
Comm. and public services	-	-	-	-	-	1051	-	-	52	-
Agriculture/forestry	-	-	-	-	-	6	-	-	-	9346
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	570	-	-	118	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	11919	16145	12448	23287	8044660	508	17532	27648	1287398	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	945	858	5559	4222	-	-	-	-	5008	-
Exports	-4762	-7008	-3600	-4743	-	-	-	-	-	-
Intl. marine bunkers	-1343	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	33	388	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**6792**	**10383**	**14407**	**22766**	**8044660**	**508**	**17532**	**27648**	**1292406**	**-**
Transfers	-	1246	-	-7650	-	-	-	-	-	-
Statistical differences	-775	-691	-	-1019	-	-	-	-	-	-
TRANSFORMATION	**672**	**199**	**-**	**-**	**732712**	**-**	**17532**	**27648**	**-**	**-**
Electricity plants	672	199	-	-	550416	-	17532	27648	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	182296	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**95206**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	6662	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	87984	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	560	-
Losses	-	-	-	-	-	-	-	-	250074	-
FINAL CONSUMPTION	**5345**	**10739**	**14407**	**14097**	**7311948**	**508**	**-**	**-**	**947126**	**-**
INDUSTRY	**3040**	**2970**	**14407**	**-**	**1293508**	**-**	**-**	**-**	**388893**	**-**
Iron and steel	299	-	-	-	-	-	-	-	65075	-
Chemical and petrochemical	705	2970	-	-	-	-	-	-	36792	-
Non-ferrous metals	69	-	-	-	-	-	-	-	15106	-
Non-metallic minerals	257	-	14407	-	-	-	-	-	20425	-
Transport equipment	-	-	-	-	-	-	-	-	10832	-
Machinery	197	-	-	-	-	-	-	-	9771	-
Mining and quarrying	126	-	-	-	-	-	-	-	28	-
Food and tobacco	4	-	-	-	-	-	-	-	19650	-
Paper, pulp and print	-	-	-	-	-	-	-	-	7186	-
Wood and wood products	-	-	-	-	-	-	-	-	890	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	347	-	-	-	-	-	-	-	35797	-
Non-specified	1036	-	-	-	1293508	-	-	-	167341	-
TRANSPORT	**375**	**-**	**-**	**-**	**-**	**508**	**-**	**-**	**16794**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	2	-	-	-	-	508	-	-	-	-
Rail	3	-	-	-	-	-	-	-	16794	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	334	-	-	-	-	-	-	-	-	-
Non-specified	36	-	-	-	-	-	-	-	-	-
OTHER	**1535**	**-**	**-**	**-**	**6018440**	**-**	**-**	**-**	**541439**	**-**
Residential	-	-	-	-	5734064	-	-	-	225771	-
Comm. and public services	-	-	-	-	284376	-	-	-	87199	-
Agriculture/forestry	173	-	-	-	-	-	-	-	173200	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	1362	-	-	-	-	-	-	-	55269	-
NON-ENERGY USE	**395**	**7769**	**-**	**14097**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	395	7769	-	14097	-	-	-	-	-	-
of which: chem./petrochem.	*395*	*7769*	-	*1930*	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	1022	256466	227201	-	-	16	-	-	-	-	3055983
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	2539	-	-	-	-	-	-	-	-	-	-
Exports	-1022	-256168	-151048	-	-	-	-	-	-	-	-1353053
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**2539**	**298**	**76153**	**-**	**-**	**16**	**-**	**-**	**-**	**-**	**1702930**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	245	-	-	-	-	-	-	-	167583
TRANSFORMATION	**-**	**-**	**65991**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**582117**
Electricity plants	-	-	65975	-	-	-	-	-	-	-	582117
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	16	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**354668**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	252526
Oil refineries	-	-	-	-	-	-	-	-	-	-	42866
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	59276
Losses	-	-	-	-	-	-	-	-	-	-	141333
FINAL CONSUMPTION	**2539**	**298**	**10407**	**-**	**-**	**16**	**-**	**-**	**-**	**-**	**792395**
INDUSTRY	**2539**	**298**	**10407**	**-**	**-**	**16**	**-**	**-**	**-**	**-**	**598843**
Iron and steel	-	298	-	-	-	-	-	-	-	-	7916
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	105813
Non-ferrous metals	2539	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	7548	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	2859	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	16	-	-	-	-	485114
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1325**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	1325
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**9993**
Residential	-	-	-	-	-	-	-	-	-	-	730
Comm. and public services	-	-	-	-	-	-	-	-	-	-	9263
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**182234**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	182234
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*182234*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	38242	1833	-	-	674	547	9823	2515	947	17616
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	16575	-	8046	-	-	3604	14388	778	-	9681
Exports	-14599	-	-	-	-	-	-19	-2	-52	-20
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-99
Intl. aviation bunkers	-	-	-	-	-	-	-	-797	-	-
Stock changes	-88	-	-	-	-	108	-	-	-	-
DOMESTIC SUPPLY	**40130**	**1833**	**8046**	**-**	**674**	**4259**	**24192**	**2494**	**895**	**27178**
Transfers	-	-1833	-	-	-	1833	-	-	-	-
Statistical differences	2793	-	-	-	-	1	-1385	64	-106	1297
TRANSFORMATION	**41873**	**-**	**8046**	**-**	**-**	**-**	**-**	**-**	**-**	**5192**
Electricity plants	-	-	-	-	-	-	-	-	-	5192
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	41873	-	8046	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**674**	**-**	**-**	**-**	**-**	**57**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	674	-	-	-	-	57
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**1050**	**-**	**-**	**-**	**-**	**6093**	**22807**	**2558**	**789**	**23226**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**88**	**-**	**-**	**45**	**3614**
Iron and steel	-	-	-	-	-	-	-	-	-	161
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	334
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	486
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	53
Mining and quarrying	-	-	-	-	-	-	-	-	-	732
Food and tobacco	-	-	-	-	-	-	-	-	-	419
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	260
Textile and leather	-	-	-	-	-	-	-	-	-	806
Non-specified	-	-	-	-	-	88	-	-	45	363
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**22807**	**2558**	**-**	**17278**
Domestic aviation	-	-	-	-	-	-	-	2558	-	-
Road	-	-	-	-	-	-	22807	-	-	14705
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	2573
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**6005**	**-**	**-**	**744**	**2334**
Residential	-	-	-	-	-	5843	-	-	676	-
Comm. and public services	-	-	-	-	-	162	-	-	37	515
Agriculture/forestry	-	-	-	-	-	-	-	-	-	1819
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	31	-
NON-ENERGY USE	**1050**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	1050	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	*1050*	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	8369	2645	-	3949	2431689	2936	-	576	228555	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	164	-	-	-	-	-	-	-	9	-
Exports	-4529	-628	-	-	-10072	-1512	-	-	-	-
Intl. marine bunkers	-124	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**3880**	**2017**	**-**	**3949**	**2421617**	**1424**	**-**	**576**	**228564**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-549	-	-	-	-	-1	-	-	-9	-
TRANSFORMATION	**1036**	**-**	**-**	**-**	**37573**	**182**	**-**	**576**	**-**	**-**
Electricity plants	1036	-	-	-	3708	182	-	576	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	33865	-	-	-	-	-
ENERGY IND. OWN USE	**1517**	**59**	**-**	**-**	**-**	**-**	**-**	**-**	**8530**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	1517	59	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	8530	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	21423	-
FINAL CONSUMPTION	**778**	**1958**	**-**	**3949**	**2384045**	**1241**	**-**	**-**	**198602**	**-**
INDUSTRY	**659**	**-**	**-**	**3314**	**276454**	**-**	**-**	**-**	**65909**	**-**
Iron and steel	181	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	113	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	140	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	32	-	-	-	-	-	-	-	-	-
Food and tobacco	45	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	46	-	-	-	-	-	-	-	-	-
Non-specified	102	-	-	3314	276454	-	-	-	65909	-
TRANSPORT	**13**	**-**	**-**	**-**	**-**	**1241**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	1241	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	13	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**106**	**-**	**-**	**-**	**2107591**	**-**	**-**	**-**	**132693**	**-**
Residential	-	-	-	-	2099314	-	-	-	81616	-
Comm. and public services	-	-	-	-	8277	-	-	-	48607	-
Agriculture/forestry	-	-	-	-	-	-	-	-	2470	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	106	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**1958**	**-**	**635**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	1958	-	635	-	-	-	-	-	-
of which: chem./petrochem.	-	*1958*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	810	148	-	-	1124	-	-	7504	17235	-	6872781
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	134	6	-	-	438	-	-	-	-	-	296185
Exports	-205	-	-	-	-	-	-	-	-	-	-381588
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-1	-	-	-	-	-	-
DOMESTIC SUPPLY	**739**	**154**	**-**	**-**	**1561**	**-**	**-**	**7504**	**17235**	**-**	**6787378**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	864	-6	-	-	237	-	-	-1462	-	-	1398
TRANSFORMATION	**1603**	**-**	**-**	**-**	**1494**	**-**	**-**	**202**	**7429**	**-**	**1974581**
Electricity plants	-	-	-	-	-	-	-	202	7429	-	1974581
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	1494	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	1603	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1964**	**4941**	**-**	**442672**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	253264
Oil refineries	-	-	-	-	-	-	-	-	-	-	183976
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	1964	4941	-	5432
Losses	-	-	-	-	-	-	-	1126	2940	-	1397
FINAL CONSUMPTION	**-**	**148**	**-**	**-**	**304**	**-**	**-**	**2750**	**1925**	**-**	**4370126**
INDUSTRY	**-**	**134**	**-**	**-**	**6**	**-**	**-**	**2750**	**1925**	**-**	**1511281**
Iron and steel	-	-	-	-	-	-	-	2750	1925	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	400275
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	134	-	-	6	-	-	-	-	-	1111006
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**296036**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	277932
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	18104
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**14**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2099524**
Residential	-	14	-	-	-	-	-	-	-	-	1785306
Comm. and public services	-	-	-	-	-	-	-	-	-	-	261245
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	52973
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**298**	**-**	**-**	**-**	**-**	**-**	**463285**
in industry/transf./energy	-	-	-	-	298	-	-	-	-	-	463285
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*463285*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	139732	22272	-	-	1592	2052	16356	1252	3207	29548
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	1538	-	38	1230	-	-	259
Exports	-53415	-9581	-	-	-	-2928	-	-	-	-8
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-127
Intl. aviation bunkers	-	-	-	-	-	-	-	-1248	-	-
Stock changes	751	451	-	-	-	-176	-	-	-	-
DOMESTIC SUPPLY	**87068**	**13142**	**-**	**1538**	**1592**	**-1014**	**17586**	**4**	**3207**	**29672**
Transfers	-	-10053	-	-	-	10053	-	-	-	-
Statistical differences	12	1	-	-	-	-1739	1135	-4	1113	1164
TRANSFORMATION	**87079**	**1501**	**-**	**1538**	**-**	**-**	**-**	**-**	**1**	**7480**
Electricity plants	-	-	-	-	-	-	-	-	1	7480
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	87079	1501	-	1538	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**1589**	**-**	**-**	**1592**	**351**	**-**	**-**	**-**	**129**
Fuel mining and extraction	-	1589	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	1592	351	-	-	-	129
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	1	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**6949**	**18721**	**-**	**4319**	**23227**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**17**	**34**	**-**	**18**	**2155**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	17	34	-	18	2155
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**23**	**18649**	**-**	**64**	**17466**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	23	18649	-	-	17465
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	64	1
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**2020**	**38**	**-**	**2938**	**3606**
Residential	-	-	-	-	-	1636	-	-	2836	80
Comm. and public services	-	-	-	-	-	384	37	-	87	684
Agriculture/forestry	-	-	-	-	-	-	1	-	15	2842
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**4889**	**-**	**-**	**1299**	**-**
in industry/transf./energy	-	-	-	-	-	4889	-	-	1299	-
of which: chem./petrochem.	-	-	-	-	-	*4889*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	23441	3413	-	6823	20897	-	553	-	274609	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	636	185	-	-	-	3772	-
Exports	-6365	-554	-	-3000	-	-	-	-	-9660	-
Intl. marine bunkers	-3558	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**13518**	**2859**	**-**	**4459**	**21082**	**-**	**553**	**-**	**268721**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	3124	-1040	-	-1489	-	-	-	-	-1265	-
TRANSFORMATION	**9702**	**-**	**-**	**-**	**82**	**-**	**553**	**-**	**-**	**-**
Electricity plants	9702	-	-	-	-	-	553	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	82	-	-	-	-	-
ENERGY IND. OWN USE	**420**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**11435**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	420	-	-	-	-	-	-	-	2402	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	8889	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	144	-
Losses	-	-	-	-	-	-	-	-	34610	-
FINAL CONSUMPTION	**6520**	**1819**	**-**	**2970**	**21000**	**-**	**-**	**-**	**221411**	**-**
INDUSTRY	**2655**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**75689**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	2655	-	-	-	-	-	-	-	75689	-
TRANSPORT	**3577**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**363**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	3577	-	-	-	-	-	-	-	363	-
OTHER	**288**	**-**	**-**	**-**	**21000**	**-**	**-**	**-**	**145359**	**-**
Residential	-	-	-	-	10392	-	-	-	71163	-
Comm. and public services	284	-	-	-	10392	-	-	-	35171	-
Agriculture/forestry	4	-	-	-	-	-	-	-	35188	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	216	-	-	-	3837	-
NON-ENERGY USE	**-**	**1819**	**-**	**2970**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	1819	-	2970	-	-	-	-	-	-
of which: chem./petrochem.	-	*1819*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	256790
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**256790**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**183234**
Electricity plants	-	-	-	-	-	-	-	-	-	-	183234
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**73556**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**63330**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	63330
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10226**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	10226
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*10226*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	152906	731	-	-	160	145	2413	215	1398	5099
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	328	1851	312	250	11229
Exports	-123677	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-527	-	-
Stock changes	-2179	-	-	-	-	625	40	-	-	-
DOMESTIC SUPPLY	**27050**	**731**	**-**	**-**	**160**	**1098**	**4304**	**-**	**1648**	**16328**
Transfers	5718	-570	-	-	-	570	403	-	-328	328
Statistical differences	875	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**30916**	**161**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**9915**
Electricity plants	6693	-	-	-	-	-	-	-	-	9915
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	24223	161	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**2631**	**-**	**-**	**-**	**160**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	2631	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	160	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	96	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**1668**	**4707**	**-**	**1320**	**6741**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2247**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	2247
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**4707**	**-**	**-**	**4494**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	4707	-	-	4494
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**1668**	**-**	**-**	**1320**	**-**
Residential	-	-	-	-	-	1668	-	-	1320	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	13268	403	-	749	1856	-	-	-	67768	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	12251	-
Exports	-388	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-188	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**12692**	**403**	**-**	**749**	**1856**	**-**	**-**	**-**	**80019**	**-**
Transfers	-5718	-403	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-1	-
TRANSFORMATION	**5685**	**-**	**-**	**-**	**813**	**-**	**-**	**-**	**-**	**-**
Electricity plants	5685	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	813	-	-	-	-	-
ENERGY IND. OWN USE	**1051**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1713**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	1051	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	1713	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	34312	-
FINAL CONSUMPTION	**238**	**-**	**-**	**749**	**1043**	**-**	**-**	**-**	**43993**	**-**
INDUSTRY	**238**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10071**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	238	-	-	-	-	-	-	-	10071	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**1043**	**-**	**-**	**-**	**33922**	**-**
Residential	-	-	-	-	-	-	-	-	15826	-
Comm. and public services	-	-	-	-	-	-	-	-	2866	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	1043	-	-	-	15230	-
NON-ENERGY USE	**-**	**-**	**-**	**749**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	749	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	95	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-10	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**85**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-1	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**84**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**84**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	84	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	6	103	76	1	143
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	958	-	-	-	-	68	282	105	-	292
Exports	-	-	-	-	-	-	-	-	-	-36
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-17
Intl. aviation bunkers	-	-	-	-	-	-	-	-184	-	-
Stock changes	-	-	-	-	-	-	-	3	-	11
DOMESTIC SUPPLY	**958**	**-**	**-**	**-**	**-**	**74**	**385**	**-**	**1**	**393**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-1	18	-	-	12
TRANSFORMATION	**958**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**183**
Electricity plants	-	-	-	-	-	-	-	-	-	183
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	958	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**73**	**403**	**-**	**1**	**222**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**2**	**4**	**-**	**-**	**33**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	1
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	13
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	2	4	-	-	19
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**381**	**-**	**-**	**174**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	381	-	-	174
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**71**	**18**	**-**	**1**	**15**
Residential	-	-	-	-	-	32	-	-	1	1
Comm. and public services	-	-	-	-	-	39	8	-	-	3
Agriculture/forestry	-	-	-	-	-	-	10	-	-	11
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	580	42	-	17	20202	-	-	-	4124	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	917	-	-	-	-	47	-	-	-	-
Exports	-6	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-184	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	3	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**1310**	**42**	**-**	**17**	**20202**	**47**	**-**	**-**	**4124**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-5	-	-	-	62	-	-	-	-	-
TRANSFORMATION	**627**	**-**	**-**	**-**	**8830**	**-**	**-**	**-**	**-**	**-**
Electricity plants	627	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	2954	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	5876	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**12**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	12	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1103	-
FINAL CONSUMPTION	**678**	**42**	**-**	**17**	**11433**	**47**	**-**	**-**	**3009**	**-**
INDUSTRY	**674**	**42**	**-**	**-**	**3994**	**-**	**-**	**-**	**1101**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	3	-	-	-	-	-	-	-	33	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	667	-	-	-	-	-	-	-	739	-
Food and tobacco	-	-	-	-	-	-	-	-	33	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	27	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	4	42	-	-	3994	-	-	-	269	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**47**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	47	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**4**	**-**	**-**	**-**	**7440**	**-**	**-**	**-**	**1908**	**-**
Residential	-	-	-	-	7440	-	-	-	977	-
Comm. and public services	4	-	-	-	-	-	-	-	907	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	24	-
NON-ENERGY USE	**-**	**-**	**-**	**17**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	17	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	4536
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	521	-	-	43	-	-	-	-	-	9451
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**521**	**-**	**-**	**43**	**-**	**-**	**-**	**-**	**-**	**13987**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-1
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**13986**
Electricity plants	-	-	-	-	-	-	-	-	-	-	13986
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**521**	**-**	**-**	**43**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**521**	**-**	**-**	**43**	**-**	**-**	**-**	**-**	**-**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	521	-	-	43	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	1	-	-	-	31	91	635	324	63	930
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	3161	-	-	-	-	282	521	26	-	2373
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-2
Intl. aviation bunkers	-	-	-	-	-	-	-	-326	-	-
Stock changes	-45	-	-	-	-	-5	-2	-16	-14	-26
DOMESTIC SUPPLY	**3117**	**-**	**-**	**-**	**31**	**368**	**1154**	**8**	**49**	**3275**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	12	-	-	9
TRANSFORMATION	**3117**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1726**
Electricity plants	-	-	-	-	-	-	-	-	-	1726
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	3117	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**31**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	31	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**368**	**1166**	**8**	**49**	**1558**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**8**	**-**	**-**	**-**	**187**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	8	-	-	-	187
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**1166**	**8**	**-**	**1102**
Domestic aviation	-	-	-	-	-	-	-	8	-	-
Road	-	-	-	-	-	-	1166	-	-	1102
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**360**	**-**	**-**	**49**	**269**
Residential	-	-	-	-	-	295	-	-	49	80
Comm. and public services	-	-	-	-	-	55	-	-	-	47
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	10	-	-	-	142
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	812	-	-	123	137	-	72	-	18220	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1232	-	78	-	62	-	-	-	435	-
Exports	-	-	-	-	-	-	-	-	-64	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-2	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**2042**	**-**	**78**	**123**	**199**	**-**	**72**	**-**	**18591**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-1	-	-	-	-	-	-	-	-714	-
TRANSFORMATION	**1849**	**-**	**-**	**-**	**-**	**-**	**72**	**-**	**-**	**-**
Electricity plants	1849	-	-	-	-	-	72	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**183**	**-**	**-**	**3**	**-**	**-**	**-**	**-**	**730**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	183	-	-	3	-	-	-	-	98	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	632	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1958	-
FINAL CONSUMPTION	**9**	**-**	**78**	**120**	**199**	**-**	**-**	**-**	**15189**	**-**
INDUSTRY	**3**	**-**	**78**	**-**	**-**	**-**	**-**	**-**	**3649**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	137	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	78	-	-	-	-	-	399	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	83	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	3	-	-	-	-	-	-	-	3030	-
TRANSPORT	**6**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	6	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**199**	**-**	**-**	**-**	**11540**	**-**
Residential	-	-	-	-	137	-	-	-	6583	-
Comm. and public services	-	-	-	-	-	-	-	-	2673	-
Agriculture/forestry	-	-	-	-	-	-	-	-	2284	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	62	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**120**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	120	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	17906	89185	-	6894	2698	-	-	15983	20068	-	1454817
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	15	-	-	1218	-	-	-	-	-	162714
Exports	-1901	-26570	-	-2474	-15	-	-	-	-	-	-409593
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-61	-	-205	-55	-	-	-	-	-	-312
DOMESTIC SUPPLY	**16005**	**62569**	**-**	**4215**	**3846**	**-**	**-**	**15983**	**20068**	**-**	**1207626**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	450	103	-	-441	76	-	-	-	-	-	27532
TRANSFORMATION	**10476**	**47225**	**-**	**43**	**1997**	**-**	**-**	**-**	**-**	**-**	**233178**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	13	47225	-	43	-	-	-	-	-	-	233178
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	1997	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	10463	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**36**	**-**	**-**	**-**	**-**	**-**	**15983**	**-**	**-**	**832930**
Fuel mining and extraction	-	36	-	-	-	-	-	-	-	-	761893
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	15983	-	-	71037
Losses	3525	558	-	-	-	-	-	-	-	-	37688
FINAL CONSUMPTION	**2454**	**14853**	**-**	**3731**	**1925**	**-**	**-**	**-**	**20068**	**-**	**131362**
INDUSTRY	**2390**	**7343**	**-**	**2983**	**1925**	**-**	**-**	**-**	**20068**	**-**	**71412**
Iron and steel	2367	3563	-	-	1925	-	-	-	20068	-	15431
Chemical and petrochemical	-	54	-	4	-	-	-	-	-	-	14345
Non-ferrous metals	-	1924	-	-	-	-	-	-	-	-	8412
Non-metallic minerals	-	-	-	12	-	-	-	-	-	-	-
Transport equipment	-	2	-	-	-	-	-	-	-	-	203
Machinery	-	56	-	-	-	-	-	-	-	-	723
Mining and quarrying	-	1589	-	13	-	-	-	-	-	-	20460
Food and tobacco	4	69	-	24	-	-	-	-	-	-	8799
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	638
Wood and wood products	-	-	-	-	-	-	-	-	-	-	28
Construction	19	83	-	-	-	-	-	-	-	-	2071
Textile and leather	-	3	-	-	-	-	-	-	-	-	302
Non-specified	-	-	-	2930	-	-	-	-	-	-	-
TRANSPORT	**4**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	4	-	-	-	-	-	-	-	-	-	-
OTHER	**60**	**7510**	**-**	**748**	**-**	**-**	**-**	**-**	**-**	**-**	**52300**
Residential	5	5601	-	661	-	-	-	-	-	-	31025
Comm. and public services	53	1578	-	87	-	-	-	-	-	-	20396
Agriculture/forestry	2	331	-	-	-	-	-	-	-	-	879
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**7650**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	7650
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*7650*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	80826	1433	-	-	111	955	3023	302	114	5282
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	969	-	-	-	-	1	1143	27	71	618
Exports	-65364	-	-	-	-	-1917	-22	-1	-12	-1765
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-226	-	-
Stock changes	411	-	-	-	-	-16	-319	-12	-3	-324
DOMESTIC SUPPLY	**16842**	**1433**	**-**	**-**	**111**	**-977**	**3825**	**90**	**170**	**3811**
Transfers	-	-1433	-	-	-	1433	-	-	-	-
Statistical differences	122	-	-	-	-	-8	-	-	-	331
TRANSFORMATION	**15537**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	15537	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**510**	**-**	**-**	**-**	**111**	**-**	**-**	**-**	**-**	**253**
Fuel mining and extraction	510	-	-	-	-	-	-	-	-	199
Oil refineries	-	-	-	-	111	-	-	-	-	54
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	593	-	-	-	-	17	11	-	-	12
FINAL CONSUMPTION	**324**	**-**	**-**	**-**	**-**	**431**	**3814**	**90**	**170**	**3877**
INDUSTRY	**324**	**-**	**-**	**-**	**-**	**146**	**-**	**-**	**-**	**788**
Iron and steel	-	-	-	-	-	97	-	-	-	106
Chemical and petrochemical	-	-	-	-	-	1	-	-	-	14
Non-ferrous metals	-	-	-	-	-	-	-	-	-	57
Non-metallic minerals	-	-	-	-	-	20	-	-	-	57
Transport equipment	-	-	-	-	-	-	-	-	-	2
Machinery	-	-	-	-	-	2	-	-	-	5
Mining and quarrying	-	-	-	-	-	5	-	-	-	383
Food and tobacco	-	-	-	-	-	7	-	-	-	8
Paper, pulp and print	-	-	-	-	-	-	-	-	-	2
Wood and wood products	-	-	-	-	-	-	-	-	-	1
Construction	-	-	-	-	-	4	-	-	-	25
Textile and leather	-	-	-	-	-	-	-	-	-	2
Non-specified	324	-	-	-	-	10	-	-	-	126
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**3814**	**90**	**-**	**555**
Domestic aviation	-	-	-	-	-	-	-	90	-	-
Road	-	-	-	-	-	-	3814	-	-	364
Rail	-	-	-	-	-	-	-	-	-	186
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	5
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**285**	**-**	**-**	**170**	**2534**
Residential	-	-	-	-	-	249	-	-	-	1363
Comm. and public services	-	-	-	-	-	29	-	-	-	627
Agriculture/forestry	-	-	-	-	-	7	-	-	-	544
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	170	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	3877	-	278	602	920	-	-	-	105068	398902
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	3	-	4	45	-	-	-	-	1749	-
Exports	-2769	-	-261	-12	-	-	-	-	-2917	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	79	-	-6	-29	-	-	-	-	-	-
DOMESTIC SUPPLY	**1190**	**-**	**15**	**606**	**920**	**-**	**-**	**-**	**103900**	**398902**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	10	-	-	-	-	-	-	-	-364	-
TRANSFORMATION	**302**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	302	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**56**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**27554**	**76128**
Fuel mining and extraction	-	-	-	-	-	-	-	-	6899	16041
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	19778	50238
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	56	-	-	-	-	-	-	-	877	9849
Losses	1	-	-	-	-	-	-	-	7082	37904
FINAL CONSUMPTION	**841**	**-**	**15**	**606**	**920**	**-**	**-**	**-**	**68900**	**284870**
INDUSTRY	**790**	**-**	**9**	**-**	**-**	**-**	**-**	**-**	**45529**	**82517**
Iron and steel	489	-	2	-	-	-	-	-	22606	51736
Chemical and petrochemical	6	-	7	-	-	-	-	-	3504	6384
Non-ferrous metals	7	-	-	-	-	-	-	-	1613	581
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	49	316
Machinery	2	-	-	-	-	-	-	-	350	1529
Mining and quarrying	6	-	-	-	-	-	-	-	6644	6162
Food and tobacco	22	-	-	-	-	-	-	-	1079	7173
Paper, pulp and print	1	-	-	-	-	-	-	-	56	504
Wood and wood products	-	-	-	-	-	-	-	-	18	50
Construction	11	-	-	-	-	-	-	-	507	1720
Textile and leather	-	-	-	-	-	-	-	-	80	60
Non-specified	246	-	-	-	-	-	-	-	9023	6302
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2511**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	666	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	1845	-
OTHER	**51**	**-**	**6**	**-**	**920**	**-**	**-**	**-**	**20860**	**202353**
Residential	3	-	-	-	920	-	-	-	11629	88468
Comm. and public services	48	-	-	-	-	-	-	-	8475	48620
Agriculture/forestry	-	-	-	-	-	-	-	-	747	4345
Fishing	-	-	-	-	-	-	-	-	9	6
Non-specified	-	-	6	-	-	-	-	-	-	60914
NON-ENERGY USE	**-**	**-**	**-**	**606**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	606	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	533	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**533**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**533**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**533**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	533	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	24	13	76	102	45	163
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	597	-	-	-	-	137	828	429	253	1615
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-2
Intl. aviation bunkers	-	-	-	-	-	-	-	-529	-	-
Stock changes	64	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**661**	**-**	**-**	**-**	**24**	**150**	**904**	**2**	**298**	**1776**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**661**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**238**
Electricity plants	-	-	-	-	-	-	-	-	-	238
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	661	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**24**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	24	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**150**	**904**	**2**	**298**	**1538**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**56**	**12**	**-**	**30**	**348**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	56	12	-	30	348
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**886**	**2**	**-**	**1177**
Domestic aviation	-	-	-	-	-	-	-	2	-	-
Road	-	-	-	-	-	-	886	-	-	1161
Rail	-	-	-	-	-	-	-	-	-	16
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**94**	**6**	**-**	**268**	**13**
Residential	-	-	-	-	-	61	-	-	268	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	2	-	-	13
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	33	4	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	194	-	-	58	661447	-	-	-	9258	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	194	-	-	66	-	-	-	-	79	-
Exports	-	-	-	-18	-	-	-	-	-38	-
Intl. marine bunkers	-38	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**350**	**-**	**-**	**106**	**661447**	**-**	**-**	**-**	**9299**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	41	-
TRANSFORMATION	**256**	**-**	**-**	**-**	**222026**	**-**	**-**	**-**	**-**	**-**
Electricity plants	256	-	-	-	1632	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	220394	-	-	-	-	-
ENERGY IND. OWN USE	**6**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**27**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	6	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	27	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1625	-
FINAL CONSUMPTION	**88**	**-**	**-**	**106**	**439421**	**-**	**-**	**-**	**7688**	**-**
INDUSTRY	**71**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4154**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	124	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	71	-	-	-	-	-	-	-	4030	-
TRANSPORT	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	1	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**16**	**-**	**-**	**-**	**439421**	**-**	**-**	**-**	**3534**	**-**
Residential	-	-	-	-	439421	-	-	-	2391	-
Comm. and public services	-	-	-	-	-	-	-	-	1143	-
Agriculture/forestry	16	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**106**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	106	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	7204	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	15	-	1	-	-	-	-	-	-	-
Exports	-	-1	-	-24	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	51	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**14**	**-**	**7232**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	53	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**6998**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	6998	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**14**	**-**	**287**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**14**	**-**	**72**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Iron and steel	-	14	-	58	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	14	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**215**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	75	-	-	-	-	-	-	-
Comm. and public services	-	-	-	137	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	3	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	31	66	2	-	328
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-2	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**31**	**66**	**-**	**-**	**328**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	1	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**
Electricity plants	-	-	-	-	-	-	-	-	-	2
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**32**	**66**	**-**	**-**	**326**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**8**	**-**	**-**	**-**	**29**
Iron and steel	-	-	-	-	-	-	-	-	-	1
Chemical and petrochemical	-	-	-	-	-	1	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	8
Non-metallic minerals	-	-	-	-	-	5	-	-	-	14
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	2	-	-	-	4
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	2
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**7**	**63**	**-**	**-**	**260**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	7	63	-	-	259
Rail	-	-	-	-	-	-	-	-	-	1
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**17**	**3**	**-**	**-**	**37**
Residential	-	-	-	-	-	7	1	-	-	4
Comm. and public services	-	-	-	-	-	10	1	-	-	22
Agriculture/forestry	-	-	-	-	-	-	1	-	-	11
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	10438	-	-	-	5436	249
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	34	-	59	38	99	-	-	-	966	-
Exports	-	-	-	-2	-16	-	-	-	-475	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**34**	**-**	**59**	**36**	**10521**	**-**	**-**	**-**	**5927**	**249**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	1	-	-	1	7	-	-	-	-1	-
TRANSFORMATION	**9**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	3	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	6	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**434**	**32**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	434	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	32
Losses	-	-	-	-	-	-	-	-	818	46
FINAL CONSUMPTION	**26**	**-**	**59**	**37**	**10528**	**-**	**-**	**-**	**4674**	**171**
INDUSTRY	**18**	**-**	**59**	**-**	**479**	**-**	**-**	**-**	**1311**	**-**
Iron and steel	-	-	7	-	2	-	-	-	534	-
Chemical and petrochemical	-	-	-	-	1	-	-	-	3	-
Non-ferrous metals	17	-	-	-	-	-	-	-	17	-
Non-metallic minerals	1	-	40	-	12	-	-	-	64	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	2	-	-	-	15	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	202	-	-	-	491	-
Paper, pulp and print	-	-	-	-	-	-	-	-	2	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	12	-	260	-	-	-	185	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**8**	**-**	**-**	**-**	**10049**	**-**	**-**	**-**	**3363**	**171**
Residential	-	-	-	-	9656	-	-	-	2555	111
Comm. and public services	8	-	-	-	294	-	-	-	727	60
Agriculture/forestry	-	-	-	-	99	-	-	-	81	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**37**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	37	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	571094
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	131480
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**702574**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**251248**
Electricity plants	-	-	-	-	-	-	-	-	-	-	251248
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**222165**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	222165
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**229161**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**229161**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	100864
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	128297
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	145319	6333	-	-	391	141	2455	2438	6146	10806
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-
Exports	-101123	-	-	-	-	-4398	-70	-1730	-6106	-7112
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-106
Intl. aviation bunkers	-	-	-	-	-	-	-	-708	-	-
Stock changes	-	-	-	-	-	-	486	-	-	-
DOMESTIC SUPPLY	**44196**	**6333**	**-**	**-**	**391**	**-4257**	**2871**	**-**	**40**	**3588**
Transfers	-	-6333	-	-	-	6333	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**44196**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1391**
Electricity plants	1650	-	-	-	-	-	-	-	-	1391
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	42546	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**391**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	391	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**2076**	**2871**	**-**	**40**	**2197**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**879**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	879
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**2871**	**-**	**-**	**1318**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	2871	-	-	1318
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**141**	**-**	**-**	**40**	**-**
Residential	-	-	-	-	-	141	-	-	40	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**1935**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	1935	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*1935*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	10204	8393	-	665	-	-	-	-	65140	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-
Exports	-1634	-8393	-	-9	-	-	-	-	-	-
Intl. marine bunkers	-1040	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**7530**	**-**	**-**	**656**	**-**	**-**	**-**	**-**	**65140**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**7530**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	7530	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**14492**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	6905	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	7587	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	7596	-
FINAL CONSUMPTION	**-**	**-**	**-**	**656**	**-**	**-**	**-**	**-**	**43052**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**43052**	**-**
Residential	-	-	-	-	-	-	-	-	27621	-
Comm. and public services	-	-	-	-	-	-	-	-	15431	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**656**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	656	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	298	-	1505	-	-	-	-	-	-	1249
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	1276	-	21	-	-	-	-	-	-	9248
Exports	-	-236	-	-5	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	57	-	-154	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**1395**	**-**	**1367**	**-**	**-**	**-**	**-**	**-**	**-**	**10497**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-150	-	-60	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**610**	**-**	**498**	**-**	**-**	**-**	**-**	**-**	**-**	**2197**
Electricity plants	-	13	-	-	-	-	-	-	-	-	-
CHP plants	-	566	-	498	-	-	-	-	-	-	1651
Heat plants	-	31	-	-	-	-	-	-	-	-	546
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**129**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	129
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	2	-	4	-	-	-	-	-	-	1190
FINAL CONSUMPTION	**-**	**633**	**-**	**805**	**-**	**-**	**-**	**-**	**-**	**-**	**6981**
INDUSTRY	**-**	**269**	**-**	**117**	**-**	**-**	**-**	**-**	**-**	**-**	**4690**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	16
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	262	-	113	-	-	-	-	-	-	1250
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	570
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	12
Food and tobacco	-	6	-	4	-	-	-	-	-	-	519
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	1	-	-	-	-	-	-	-	-	2323
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**305**	**-**	**646**	**-**	**-**	**-**	**-**	**-**	**-**	**2291**
Residential	-	254	-	564	-	-	-	-	-	-	1779
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	1	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	51	-	81	-	-	-	-	-	-	512
NON-ENERGY USE	**-**	**59**	**-**	**42**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	59	-	42	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	82	-	-	-	-	-	7	-	-	30
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	5	-	-	-	-	-	676	96	-	509
Exports	-	-	-	-	-	-	-25	-89	-	-8
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-4	-	-
Stock changes	2	-	-	-	-	-	-217	-1	-	-28
DOMESTIC SUPPLY	**89**	**-**	**-**	**-**	**-**	**-**	**441**	**2**	**-**	**503**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-8	-	-	-
TRANSFORMATION	**89**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	89	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	1	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**432**	**2**	**-**	**503**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**9**	**-**	**-**	**41**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	2
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	7	-	-	36
Textile and leather	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	-	2	-	-	2
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**417**	**2**	**-**	**326**
Domestic aviation	-	-	-	-	-	-	-	2	-	-
Road	-	-	-	-	-	-	417	-	-	316
Rail	-	-	-	-	-	-	-	-	-	10
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**6**	**-**	**-**	**136**
Residential	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	6	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	98
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	38
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	51	-	-	-	130	-	-	-	14572	13858
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	148	-	-	56	-	-	-	-	286	-
Exports	-	-	-	-1	-	-	-	-	-72	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	11	-	-	1	-	-	-	-	-	-
DOMESTIC SUPPLY	**210**	**-**	**-**	**56**	**130**	**-**	**-**	**-**	**14786**	**13858**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**26**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	26	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**4**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**344**	**4125**
Fuel mining and extraction	-	-	-	-	-	-	-	-	35	-
Oil refineries	-	-	-	-	-	-	-	-	39	3
Elec., CHP and heat plants	4	-	-	-	-	-	-	-	270	4122
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	9	-	-	-	3458	-
FINAL CONSUMPTION	**180**	**-**	**-**	**56**	**121**	**-**	**-**	**-**	**10984**	**9733**
INDUSTRY	**175**	**-**	**-**	**20**	**-**	**-**	**-**	**-**	**1175**	**757**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	2	-	-	-	-	-	-	-	43	-
Non-ferrous metals	-	-	-	-	-	-	-	-	49	4
Non-metallic minerals	1	-	-	-	-	-	-	-	363	112
Transport equipment	-	-	-	-	-	-	-	-	2	-
Machinery	-	-	-	-	-	-	-	-	59	102
Mining and quarrying	-	-	-	-	-	-	-	-	44	6
Food and tobacco	2	-	-	-	-	-	-	-	263	480
Paper, pulp and print	-	-	-	-	-	-	-	-	31	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	2	-	-	20	-	-	-	-	65	29
Textile and leather	-	-	-	-	-	-	-	-	29	24
Non-specified	168	-	-	-	-	-	-	-	227	-
TRANSPORT	**-**	**-**	**-**	**3**	**-**	**-**	**-**	**-**	**232**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	3	-	-	-	-	47	-
Rail	-	-	-	-	-	-	-	-	185	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**5**	**-**	**-**	**33**	**121**	**-**	**-**	**-**	**9577**	**8976**
Residential	2	-	-	2	102	-	-	-	7705	4088
Comm. and public services	-	-	-	-	-	-	-	-	895	4733
Agriculture/forestry	-	-	-	1	-	-	-	-	252	2
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	3	-	-	30	19	-	-	-	725	153
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Latvia

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	5	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	85	-	-	-	-	-	-	-	-	36291
Exports	-	-6	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	23	-	-	-	-	-	-	-	-2	14027
DOMESTIC SUPPLY	**-**	**102**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**50318**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**10**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**33550**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	7	-	-	-	-	-	-	-	-	29896
Heat plants	-	3	-	-	-	-	-	-	-	-	3654
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**920**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	920
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	652
FINAL CONSUMPTION	**-**	**92**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**15196**
INDUSTRY	**-**	**55**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**5576**
Iron and steel	-	-	-	-	-	-	-	-	-	-	14
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	1	343
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	80
Non-metallic minerals	-	52	-	-	-	-	-	-	-	-	1499
Transport equipment	-	-	-	-	-	-	-	-	-	-	60
Machinery	-	1	-	-	-	-	-	-	-	-	260
Mining and quarrying	-	-	-	-	-	-	-	-	-	1	48
Food and tobacco	-	1	-	-	-	-	-	-	-	-	1804
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	108
Wood and wood products	-	-	-	-	-	-	-	-	-	-	593
Construction	-	1	-	-	-	-	-	-	-	-	452
Textile and leather	-	-	-	-	-	-	-	-	-	-	242
Non-specified	-	-	-	-	-	-	-	-	-	-	73
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**37**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**	**9620**
Residential	-	22	-	-	-	-	-	-	-	-	4714
Comm. and public services	-	14	-	-	-	-	-	-	-	1	4216
Agriculture/forestry	-	1	-	-	-	-	-	-	-	-	690
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	2	-	-	-	-	197	215	112	1	1449
Exports	-2	-	-	-	-	-102	-20	-5	-1	-589
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-69
Intl. aviation bunkers	-	-	-	-	-	-	-	-106	-	-
Stock changes	-	-	-	-	-	-2	18	-	-	97
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**93**	**213**	**1**	**-**	**888**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-8	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**7**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	7
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**93**	**205**	**1**	**-**	**881**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**9**	**1**	**-**	**-**	**41**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	3	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	6
Transport equipment	-	-	-	-	-	-	-	-	-	1
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	5
Food and tobacco	-	-	-	-	-	4	-	-	-	4
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	1	-	-	-	9
Construction	-	-	-	-	-	1	1	-	-	15
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	1
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**58**	**196**	**1**	**-**	**670**
Domestic aviation	-	-	-	-	-	-	-	1	-	-
Road	-	-	-	-	-	58	196	-	-	598
Rail	-	-	-	-	-	-	-	-	-	68
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	4
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**26**	**8**	**-**	**-**	**170**
Residential	-	-	-	-	-	22	6	-	-	25
Comm. and public services	-	-	-	-	-	3	1	-	-	44
Agriculture/forestry	-	-	-	-	-	1	1	-	-	93
Fishing	-	-	-	-	-	-	-	-	-	7
Non-specified	-	-	-	-	-	-	-	-	-	1
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	85666	75	3136	339	5141	25747
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	168	-	-	184	2514	20	-	2242	5340	-
Exports	-12	-	-	-87	-30678	-66	-	-	-3023	-
Intl. marine bunkers	-167	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	12	-	-	-2	-1782	1	-	153	-	-
DOMESTIC SUPPLY	**1**	**-**	**-**	**95**	**55720**	**30**	**3136**	**2734**	**7458**	**25747**
Transfers	-	-	-	1	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**13327**	**-**	**2780**	**-**	**2**	**-**
Electricity plants	-	-	-	-	41	-	-	-	-	-
CHP plants	-	-	-	-	7056	-	2780	-	-	-
Heat plants	-	-	-	-	5836	-	-	-	2	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	394	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**409**	**1238**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	409	1238
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	465	3370
FINAL CONSUMPTION	**1**	**-**	**-**	**96**	**42393**	**30**	**356**	**2734**	**6582**	**21139**
INDUSTRY	**1**	**-**	**-**	**2**	**14792**	**-**	**32**	**2734**	**1667**	**890**
Iron and steel	-	-	-	-	-	-	-	-	15	1
Chemical and petrochemical	-	-	-	-	275	-	30	-	60	40
Non-ferrous metals	-	-	-	-	-	-	-	-	1	-
Non-metallic minerals	-	-	-	-	-	-	-	2734	266	7
Transport equipment	-	-	-	-	-	-	-	-	35	58
Machinery	-	-	-	-	123	-	-	-	108	47
Mining and quarrying	-	-	-	-	-	-	-	-	14	40
Food and tobacco	1	-	-	2	452	-	2	-	280	144
Paper, pulp and print	-	-	-	-	3	-	-	-	30	7
Wood and wood products	-	-	-	-	13747	-	-	-	681	464
Construction	-	-	-	-	51	-	-	-	78	43
Textile and leather	-	-	-	-	-	-	-	-	33	25
Non-specified	-	-	-	-	141	-	-	-	66	14
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**30**	**-**	**-**	**117**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	26	-	-	57	-
Rail	-	-	-	-	-	2	-	-	40	-
Pipeline transport	-	-	-	-	-	-	-	-	20	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	2	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**27601**	**-**	**324**	**-**	**4798**	**20249**
Residential	-	-	-	-	23780	-	-	-	1747	14681
Comm. and public services	-	-	-	-	3492	-	141	-	2882	5287
Agriculture/forestry	-	-	-	-	322	-	183	-	159	277
Fishing	-	-	-	-	7	-	-	-	8	-
Non-specified	-	-	-	-	-	-	-	-	2	4
NON-ENERGY USE	**-**	**-**	**-**	**94**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	79	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	*1*	-	-	-	-	-	-
in transport	-	-	-	14	-	-	-	-	-	-
in other	-	-	-	1	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	250	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**250**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**250**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**250**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	250	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	247	1720	229	-	3317
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-229	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**247**	**1720**	**-**	**-**	**3317**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2600**
Electricity plants	-	-	-	-	-	-	-	-	-	2600
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**247**	**1720**	**-**	**-**	**717**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**1720**	**-**	**-**	**36**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	1720	-	-	36
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**247**	**-**	**-**	**-**	**681**
Residential	-	-	-	-	-	247	-	-	-	681
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	4988	-	-	-	17952	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1487	-	-	54	277	-	-	-	136	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-31	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**1456**	**-**	**-**	**54**	**5265**	**-**	**-**	**-**	**18088**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	1	-
TRANSFORMATION	**1317**	**-**	**-**	**-**	**572**	**-**	**-**	**-**	**-**	**-**
Electricity plants	1317	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	572	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1879	-
FINAL CONSUMPTION	**139**	**-**	**-**	**54**	**4693**	**-**	**-**	**-**	**16210**	**-**
INDUSTRY	**139**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4255**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	139	-	-	-	-	-	-	-	4255	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**4693**	**-**	**-**	**-**	**11955**	**-**
Residential	-	-	-	-	4108	-	-	-	6180	-
Comm. and public services	-	-	-	-	-	-	-	-	2715	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	585	-	-	-	3060	-
NON-ENERGY USE	**-**	**-**	**-**	**54**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	54	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	473100
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-247380
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**225720**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**216420**
Electricity plants	-	-	-	-	-	-	-	-	-	-	216420
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2586**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	2586
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6714**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2372**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	2372
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4342**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	4342
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*4342*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	23113	2154	-	-	99	51	516	371	115	1278
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	3306	-	108	4218
Exports	-16425	-1591	-	-	-	-40	-	-250	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-119	-	-
Stock changes	-1748	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**4940**	**563**	**-**	**-**	**99**	**11**	**3822**	**2**	**223**	**5496**
Transfers	-	-563	-	-	-	292	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**4940**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3328**
Electricity plants	-	-	-	-	-	-	-	-	-	3328
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	4940	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**99**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	99	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**303**	**3822**	**2**	**223**	**2168**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**3822**	**2**	**-**	**2168**
Domestic aviation	-	-	-	-	-	-	-	2	-	-
Road	-	-	-	-	-	-	3822	-	-	2168
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**303**	**-**	**-**	**223**	**-**
Residential	-	-	-	-	-	303	-	-	223	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	1655	682	-	30	6333	-	-	-	37731	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	159	-	-	37	-	-	-	-	88	-
Exports	-	-433	-	-	-	-	-	-	-	-
Intl. marine bunkers	-95	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**1719**	**249**	**-**	**67**	**6333**	**-**	**-**	**-**	**37819**	**-**
Transfers	-	271	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**1057**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	1057	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**64**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**632**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	64	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	632	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	26297	-
FINAL CONSUMPTION	**598**	**520**	**-**	**67**	**6333**	**-**	**-**	**-**	**10890**	**-**
INDUSTRY	**598**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1560**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	598	-	-	-	-	-	-	-	1560	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**6333**	**-**	**-**	**-**	**9330**	**-**
Residential	-	-	-	-	6333	-	-	-	4288	-
Comm. and public services	-	-	-	-	-	-	-	-	3837	-
Agriculture/forestry	-	-	-	-	-	-	-	-	1205	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**520**	**-**	**67**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	520	-	67	-	-	-	-	-	-
of which: chem./petrochem.	-	*520*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	100	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	2	298	-	1	17	-	-	-	-	57	99725
Exports	-	-	-	-	-	-	-	-	-	-21	-37
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	7	1	-1	-1	-	-	-	-	-34	-3647
DOMESTIC SUPPLY	**2**	**305**	**1**	**-**	**16**	**-**	**-**	**-**	**-**	**102**	**96041**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**16**	**30848**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	3	24187
Heat plants	-	3	-	-	-	-	-	-	-	11	6661
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	2	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**	**63**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	3
Oil refineries	-	-	-	-	-	-	-	-	-	-	19
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	1	41
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**2**	**302**	**1**	**-**	**16**	**-**	**-**	**-**	**-**	**85**	**65130**
INDUSTRY	**2**	**175**	**-**	**-**	**16**	**-**	**-**	**-**	**-**	**5**	**10940**
Iron and steel	-	-	-	-	1	-	-	-	-	-	1
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	3349
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	2	171	-	-	13	-	-	-	-	3	1079
Transport equipment	-	-	-	-	-	-	-	-	-	-	74
Machinery	-	-	-	-	-	-	-	-	-	-	260
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	11
Food and tobacco	-	2	-	-	2	-	-	-	-	1	3982
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	521
Wood and wood products	-	1	-	-	-	-	-	-	-	-	298
Construction	-	-	-	-	-	-	-	-	-	-	521
Textile and leather	-	-	-	-	-	-	-	-	-	-	595
Non-specified	-	1	-	-	-	-	-	-	-	1	249
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1377**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	216
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	1161
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**127**	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**80**	**9265**
Residential	-	70	1	-	-	-	-	-	-	48	5582
Comm. and public services	-	54	-	-	-	-	-	-	-	31	2716
Agriculture/forestry	-	3	-	-	-	-	-	-	-	1	967
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**43548**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	43548
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*43548*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	82	-	-	-	290	275	2103	948	-	2531
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	7467	-	483	39	-	112	22	29	-	1010
Exports	-63	-	-	-	-	-156	-1998	-153	-	-2997
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-8
Intl. aviation bunkers	-	-	-	-	-	-	-	-75	-	-
Stock changes	11	-	15	2	-	-1	8	-5	-	3
DOMESTIC SUPPLY	**7497**	**-**	**498**	**41**	**290**	**230**	**135**	**744**	**-**	**539**
Transfers	-	-	-	-	-	-58	58	-733	-	733
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**7497**	**-**	**498**	**41**	**2**	**2**	**-**	**-**	**-**	**1**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	2	-	-	-	-	-
Heat plants	-	-	-	-	-	2	-	-	-	1
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	7497	-	498	41	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**288**	**-**	**-**	**-**	**-**	**4**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	1
Oil refineries	-	-	-	-	288	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	3
Losses	-	-	-	-	-	-	-	-	-	1
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**170**	**193**	**11**	**-**	**1266**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**6**	**-**	**-**	**-**	**23**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	1	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	2
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	2
Food and tobacco	-	-	-	-	-	3	-	-	-	3
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	2
Construction	-	-	-	-	-	1	-	-	-	11
Textile and leather	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	1	-	-	-	2
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**129**	**192**	**-**	**-**	**1182**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	129	192	-	-	1118
Rail	-	-	-	-	-	-	-	-	-	53
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	5
Non-specified	-	-	-	-	-	-	-	-	-	6
OTHER	**-**	**-**	**-**	**-**	**-**	**35**	**1**	**11**	**-**	**61**
Residential	-	-	-	-	-	32	-	-	-	11
Comm. and public services	-	-	-	-	-	1	-	-	-	4
Agriculture/forestry	-	-	-	-	-	2	1	-	-	44
Fishing	-	-	-	-	-	-	-	-	-	2
Non-specified	-	-	-	-	-	-	-	11	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	1475	-	108	213	46749	130	876	1228	4397	43300
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	12	-	-	103	5316	41	-	-	8521	-
Exports	-1423	-	-	-176	-6122	-95	-	-	-898	-
Intl. marine bunkers	-3	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	53	-	-	1	-555	-1	-	5	-	-
DOMESTIC SUPPLY	**114**	**-**	**108**	**141**	**45388**	**75**	**876**	**1233**	**12020**	**43300**
Transfers	5	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-1	-	-	-	-
TRANSFORMATION	**45**	**-**	**-**	**-**	**18764**	**-**	**603**	**1233**	**3**	**2650**
Electricity plants	-	-	-	-	-	-	-	-	-	2650
CHP plants	35	-	-	-	6060	-	603	1233	-	-
Heat plants	10	-	-	-	12691	-	-	-	3	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	13	-	-	-	-	-
ENERGY IND. OWN USE	**63**	**-**	**108**	**-**	**9**	**-**	**-**	**-**	**1965**	**284**
Fuel mining and extraction	-	-	-	-	-	-	-	-	22	-
Oil refineries	63	-	108	-	-	-	-	-	585	1
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	253	279
Pumped storage plants	-	-	-	-	-	-	-	-	940	-
Other energy ind. own use	-	-	-	-	9	-	-	-	165	4
Losses	-	-	-	-	-	-	-	-	815	5221
FINAL CONSUMPTION	**11**	**-**	**-**	**141**	**26615**	**74**	**273**	**-**	**9237**	**35145**
INDUSTRY	**10**	**-**	**-**	**-**	**3417**	**-**	**86**	**-**	**3119**	**9441**
Iron and steel	-	-	-	-	-	-	-	-	20	-
Chemical and petrochemical	-	-	-	-	-	-	55	-	750	8191
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	3	-	-	-	429	-	-	-	258	2
Transport equipment	-	-	-	-	-	-	-	-	25	8
Machinery	-	-	-	-	14	-	-	-	165	63
Mining and quarrying	-	-	-	-	18	-	-	-	26	1
Food and tobacco	6	-	-	-	561	-	30	-	683	462
Paper, pulp and print	-	-	-	-	219	-	-	-	156	8
Wood and wood products	-	-	-	-	1646	-	-	-	299	393
Construction	1	-	-	-	99	-	-	-	102	57
Textile and leather	-	-	-	-	9	-	-	-	145	93
Non-specified	-	-	-	-	422	-	1	-	490	163
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**74**	**-**	**-**	**63**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	71	-	-	35	-
Rail	-	-	-	-	-	3	-	-	11	-
Pipeline transport	-	-	-	-	-	-	-	-	17	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**1**	**-**	**-**	**-**	**23198**	**-**	**187**	**-**	**6055**	**25704**
Residential	-	-	-	-	21281	-	-	-	2656	18422
Comm. and public services	-	-	-	-	1418	-	187	-	3218	7100
Agriculture/forestry	1	-	-	-	499	-	-	-	177	182
Fishing	-	-	-	-	-	-	-	-	4	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**141**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	122	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	*41*	-	-	-	-	-	-
in transport	-	-	-	19	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	2687	-	-	-	-	-	-	-	-	2737051
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	21738	-	-	-	-	-	-	-	-	395001
Exports	-	-181	-	-	-	-	-	-	-	-	-1347405
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-25	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**24219**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1784647**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	141	-	-	-	-	-	-	-	-	46
TRANSFORMATION	**-**	**21649**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**866528**
Electricity plants	-	21649	-	-	-	-	-	-	-	-	816752
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	45310
Other transformation	-	-	-	-	-	-	-	-	-	-	4466
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**384069**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	384069
Losses	-	-	-	-	-	-	-	-	-	-	85643
FINAL CONSUMPTION	**-**	**2711**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**448453**
INDUSTRY	**-**	**2711**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**226506**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	2711	-	-	-	-	-	-	-	-	226506
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**12840**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	12840
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1070**
Residential	-	-	-	-	-	-	-	-	-	-	47
Comm. and public services	-	-	-	-	-	-	-	-	-	-	1023
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**208037**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	208037
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*208037*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	28568	1149	-	-	177	1013	4393	2826	97	9440
From other sources	501	-	-	-	-	-	-	-	-	-
Imports	9609	-	109	-	-	425	7907	464	141	6101
Exports	-11440	-	-68	-	-	-298	-34	-518	-204	-5194
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-2
Intl. aviation bunkers	-	-	-	-	-	-	-	-2449	-	-
Stock changes	-480	-	-	-	-	25	-611	169	-5	586
DOMESTIC SUPPLY	**26758**	**1149**	**41**	**-**	**177**	**1165**	**11655**	**492**	**29**	**10931**
Transfers	-501	-1149	-	-	-	1237	-	-	39	106
Statistical differences	-397	-	-	-	-	17	454	120	-45	48
TRANSFORMATION	**25524**	**-**	**41**	**-**	**-**	**-**	**-**	**-**	**-**	**638**
Electricity plants	-	-	-	-	-	-	-	-	-	638
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	25524	-	41	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**336**	**-**	**-**	**-**	**177**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	336	-	-	-	177	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**2419**	**12109**	**612**	**23**	**10447**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**109**	**260**	**-**	**16**	**845**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	109	260	-	16	845
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**11755**	**612**	**-**	**8573**
Domestic aviation	-	-	-	-	-	-	-	612	-	-
Road	-	-	-	-	-	-	11755	-	-	8573
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**1251**	**94**	**-**	**7**	**1029**
Residential	-	-	-	-	-	588	-	-	7	-
Comm. and public services	-	-	-	-	-	663	-	-	-	154
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	94	-	-	875
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**1059**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	1059	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*1059*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	2361	-	-	2526	65471	696	749	-	147469	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	3120	-	-	750	173	-	-	-	23	-
Exports	-4319	-	-	-937	-1358	-101	-	-	-12	-
Intl. marine bunkers	-207	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-351	-	-	-84	-	-254	-	-	-	-
DOMESTIC SUPPLY	**604**	**-**	**-**	**2255**	**64287**	**341**	**749**	**-**	**147480**	**-**
Transfers	-	-	-	268	-	-	-	-	-	-
Statistical differences	-	-	-	-79	-	-24	-	-	-	-
TRANSFORMATION	**271**	**-**	**-**	**-**	**28300**	**-**	**749**	**-**	**-**	**-**
Electricity plants	271	-	-	-	9346	-	749	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	18954	-	-	-	-	-
ENERGY IND. OWN USE	**17**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6301**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	6301	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	17	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	8542	-
FINAL CONSUMPTION	**316**	**-**	**-**	**2444**	**35986**	**317**	**-**	**-**	**132637**	**-**
INDUSTRY	**247**	**-**	**-**	**1861**	**-**	**-**	**-**	**-**	**63205**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	247	-	-	1861	-	-	-	-	63205	-
TRANSPORT	**58**	**-**	**-**	**-**	**-**	**317**	**-**	**-**	**256**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	317	-	-	-	-
Rail	-	-	-	-	-	-	-	-	256	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	58	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**11**	**-**	**-**	**-**	**35986**	**-**	**-**	**-**	**69176**	**-**
Residential	-	-	-	-	35986	-	-	-	27284	-
Comm. and public services	5	-	-	-	-	-	-	-	41473	-
Agriculture/forestry	6	-	-	-	-	-	-	-	419	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**583**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	583	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	22	78	108	-	406
Exports	-	-	-	-	-	-	-	-	-	-25
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-185
Intl. aviation bunkers	-	-	-	-	-	-	-	-108	-	-
Stock changes	-	-	-	-	-	-1	-5	1	-	-1
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**21**	**73**	**1**	**-**	**195**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	1	-	-	-	-4
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**54**
Electricity plants	-	-	-	-	-	-	-	-	-	54
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**22**	**73**	**1**	**-**	**137**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**-**	**-**	**7**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	3	-	-	-	7
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**72**	**1**	**-**	**100**
Domestic aviation	-	-	-	-	-	-	-	1	-	-
Road	-	-	-	-	-	-	72	-	-	91
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	9
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**19**	**1**	**-**	**-**	**30**
Residential	-	-	-	-	-	11	-	-	-	-
Comm. and public services	-	-	-	-	-	8	-	-	-	27
Agriculture/forestry	-	-	-	-	-	-	1	-	-	3
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	-	1	65	-	2245	1
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1683	-	-	4	45	4	-	-	-	-
Exports	-181	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-1071	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	44	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**475**	**-**	**-**	**4**	**45**	**5**	**65**	**-**	**2245**	**1**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-6	-	-	-	-	1	-	-	-	-
TRANSFORMATION	**462**	**-**	**-**	**-**	**-**	**-**	**36**	**-**	**-**	**-**
Electricity plants	462	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	36	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**108**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	108	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	105	-
FINAL CONSUMPTION	**7**	**-**	**-**	**4**	**45**	**6**	**29**	**-**	**2032**	**1**
INDUSTRY	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**413**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	44	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	5	-
Transport equipment	-	-	-	-	-	-	-	-	20	-
Machinery	-	-	-	-	-	-	-	-	123	-
Mining and quarrying	-	-	-	-	-	-	-	-	1	-
Food and tobacco	-	-	-	-	-	-	-	-	61	-
Paper, pulp and print	-	-	-	-	-	-	-	-	24	-
Wood and wood products	-	-	-	-	-	-	-	-	1	-
Construction	-	-	-	-	-	-	-	-	16	-
Textile and leather	-	-	-	-	-	-	-	-	32	-
Non-specified	1	-	-	-	-	-	-	-	86	-
TRANSPORT	**1**	**-**	**-**	**-**	**-**	**6**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	6	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	1	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**5**	**-**	**-**	**-**	**45**	**-**	**29**	**-**	**1619**	**1**
Residential	-	-	-	-	45	-	-	-	640	-
Comm. and public services	5	-	-	-	-	-	29	-	940	1
Agriculture/forestry	-	-	-	-	-	-	-	-	9	-
Fishing	-	-	-	-	-	-	-	-	1	-
Non-specified	-	-	-	-	-	-	-	-	29	-
NON-ENERGY USE	**-**	**-**	**-**	**4**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	4	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	772	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-30	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**742**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**711**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	711	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**31**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**31**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	31	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	76	138	232	2	304
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-117
Intl. aviation bunkers	-	-	-	-	-	-	-	-239	-	-
Stock changes	-	-	-	-	-	-5	-	12	-1	21
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**71**	**138**	**5**	**1**	**208**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**	**1**
Electricity plants	-	-	-	-	-	-	-	-	1	1
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**71**	**138**	**5**	**-**	**207**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**5**	**-**	**-**	**-**	**36**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	5	-	-	-	36
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**4**	**138**	**5**	**-**	**169**
Domestic aviation	-	-	-	-	-	-	-	5	-	-
Road	-	-	-	-	-	-	137	-	-	165
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	1	-	-	4
Non-specified	-	-	-	-	-	4	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**62**	**-**	**-**	**-**	**2**
Residential	-	-	-	-	-	48	-	-	-	-
Comm. and public services	-	-	-	-	-	14	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	2
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	8387	-	256	-	2934	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	406	-	-	26	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-171	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	29	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**264**	**-**	**-**	**26**	**8387**	**-**	**256**	**-**	**2934**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-1	-	-	-	4	-
TRANSFORMATION	**221**	**-**	**-**	**-**	**6911**	**-**	**256**	**-**	**-**	**-**
Electricity plants	221	-	-	-	6904	-	256	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	7	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**46**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	46	-
Losses	-	-	-	-	-	-	-	-	182	-
FINAL CONSUMPTION	**43**	**-**	**-**	**26**	**1475**	**-**	**-**	**-**	**2710**	**-**
INDUSTRY	**40**	**-**	**-**	**-**	**1213**	**-**	**-**	**-**	**944**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	40	-	-	-	1213	-	-	-	944	-
TRANSPORT	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	3	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**262**	**-**	**-**	**-**	**1766**	**-**
Residential	-	-	-	-	231	-	-	-	806	-
Comm. and public services	-	-	-	-	-	-	-	-	896	-
Agriculture/forestry	-	-	-	-	-	-	-	-	27	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	31	-	-	-	37	-
NON-ENERGY USE	**-**	**-**	**-**	**26**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	26	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	3
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	146	-	-	2	-	-	-	-	-	95621
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	12	-	-	-	-	-	-	-	-	-44
DOMESTIC SUPPLY	**-**	**158**	**-**	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**95580**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**63774**
Electricity plants	-	-	-	-	-	-	-	-	-	-	47237
CHP plants	-	-	-	-	-	-	-	-	-	-	12891
Heat plants	-	3	-	-	-	-	-	-	-	-	3646
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	1	-	-	-	-	-	-	-	-	2866
FINAL CONSUMPTION	**-**	**154**	**-**	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**28940**
INDUSTRY	**-**	**54**	**-**	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**15044**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	29
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	49	-	-	2	-	-	-	-	-	1346
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	20
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	5	-	-	-	-	-	-	-	-	705
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	59
Wood and wood products	-	-	-	-	-	-	-	-	-	-	9
Construction	-	-	-	-	-	-	-	-	-	-	78
Textile and leather	-	-	-	-	-	-	-	-	-	-	29
Non-specified	-	-	-	-	-	-	-	-	-	-	12769
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**352**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	59
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	293
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**100**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**13544**
Residential	-	68	-	-	-	-	-	-	-	-	10012
Comm. and public services	-	31	-	-	-	-	-	-	-	-	3462
Agriculture/forestry	-	1	-	-	-	-	-	-	-	-	70
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	8	-	-	-	-	-	-	-	-	1
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	78	151	27	-	457
Exports	-	-	-	-	-	-1	-	-	-	-4
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-25	-	-
Stock changes	1	-	-	-	-	1	8	-2	-	11
DOMESTIC SUPPLY	**9**	**-**	**-**	**-**	**-**	**78**	**159**	**-**	**-**	**465**
Transfers	-	-	10	-	-	-	-	-	-	-7
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**9**	**-**	**10**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	9	-	10	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	1	-	-	-	1
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**77**	**159**	**-**	**-**	**457**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**2**	**-**	**-**	**-**	**7**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	2
Food and tobacco	-	-	-	-	-	1	-	-	-	2
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	1	-	-	-	3
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**13**	**159**	**-**	**-**	**395**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	13	159	-	-	392
Rail	-	-	-	-	-	-	-	-	-	1
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	-	-	-	-	1
OTHER	**-**	**-**	**-**	**-**	**-**	**62**	**-**	**-**	**-**	**55**
Residential	-	-	-	-	-	58	-	-	-	-
Comm. and public services	-	-	-	-	-	4	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	55
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	16	-	-	1	12144	-	178	-	5351	10466
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	18	-	-	50	36	-	-	-	731	-
Exports	-13	-	-	-	-153	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-5	-	-	-	-347	-	-	-	-	-
DOMESTIC SUPPLY	**16**	**-**	**-**	**51**	**11680**	**-**	**178**	**-**	**6082**	**10466**
Transfers	-3	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**12**	**-**	**-**	**-**	**358**	**-**	**178**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	18	-	-	-
CHP plants	12	-	-	-	-	-	160	-	-	-
Heat plants	-	-	-	-	355	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	3	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**373**	**19**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	324	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	49	19
Losses	-	-	-	-	18	-	-	-	1152	1660
FINAL CONSUMPTION	**1**	**-**	**-**	**51**	**11304**	**-**	**-**	**-**	**4557**	**8787**
INDUSTRY	**1**	**-**	**-**	**-**	**29**	**-**	**-**	**-**	**1577**	**2417**
Iron and steel	-	-	-	-	-	-	-	-	5	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	47	29
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	154	5
Transport equipment	-	-	-	-	-	-	-	-	3	-
Machinery	-	-	-	-	-	-	-	-	49	3
Mining and quarrying	-	-	-	-	-	-	-	-	18	-
Food and tobacco	1	-	-	-	12	-	-	-	380	2226
Paper, pulp and print	-	-	-	-	-	-	-	-	11	29
Wood and wood products	-	-	-	-	16	-	-	-	57	5
Construction	-	-	-	-	1	-	-	-	12	-
Textile and leather	-	-	-	-	-	-	-	-	40	88
Non-specified	-	-	-	-	-	-	-	-	801	32
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**47**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	7	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	40	-
OTHER	**-**	**-**	**-**	**-**	**11275**	**-**	**-**	**-**	**2933**	**6370**
Residential	-	-	-	-	10730	-	-	-	1896	4471
Comm. and public services	-	-	-	-	501	-	-	-	988	1851
Agriculture/forestry	-	-	-	-	44	-	-	-	49	48
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**51**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	42	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	3	-	-	-	-	-	-
in transport	-	-	-	9	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	5702	10477	-	6365	94	-	-	660	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-6033	-8141	-	-140	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	468	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**137**	**2336**	**-**	**6225**	**94**	**-**	**-**	**660**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	52	-	-	-	-	-	-	-
TRANSFORMATION	**137**	**1290**	**-**	**5361**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	1290	-	5361	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	137	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**660**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	660	-	-	-
Losses	-	412	-	6	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**634**	**-**	**910**	**94**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**107**	**-**	**277**	**94**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	107	-	277	94	-	-	-	-	-	-
TRANSPORT	**-**	**47**	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	3	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	47	-	-	-	-	-	-	-	-	-
OTHER	**-**	**480**	**-**	**630**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	316	-	253	-	-	-	-	-	-	-
Comm. and public services	-	-	-	1	-	-	-	-	-	-	-
Agriculture/forestry	-	8	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	156	-	376	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	1014	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	416	26	-	686
Exports	-943	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-26	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**71**	**-**	**-**	**-**	**-**	**-**	**416**	**-**	**-**	**686**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-71	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**78**
Electricity plants	-	-	-	-	-	-	-	-	-	78
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**416**	**-**	**-**	**608**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**366**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	171
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	195
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**416**	**-**	**-**	**187**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	416	-	-	34
Rail	-	-	-	-	-	-	-	-	-	153
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**55**
Residential	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	55
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	7865	-	-	-	5376	42003
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	3	-	-	1	-	-	-	-	1349	-
Exports	-	-	-	-	-	-	-	-	-33	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**3**	**-**	**-**	**1**	**7865**	**-**	**-**	**-**	**6692**	**42003**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	1
TRANSFORMATION	**3**	**-**	**-**	**-**	**2864**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	3	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	2864	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**772**	**2247**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	772	2247
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	793	1393
FINAL CONSUMPTION	**-**	**-**	**-**	**1**	**5001**	**-**	**-**	**-**	**5127**	**38364**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3172**	**9113**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	3172	9113
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**5001**	**-**	**-**	**-**	**1955**	**29251**
Residential	-	-	-	-	3516	-	-	-	1219	16455
Comm. and public services	-	-	-	-	-	-	-	-	-	11359
Agriculture/forestry	-	-	-	-	399	-	-	-	64	181
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	1086	-	-	-	672	1256
NON-ENERGY USE	**-**	**-**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	1	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	1655	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	3	-	-	-	-	-	-	-
Exports	-	-	-	-28	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**1630**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**1597**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	1597	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**33**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**14**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Iron and steel	-	-	-	10	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	4	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**19**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	13	-	-	-	-	-	-	-
Comm. and public services	-	-	-	6	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	18	43	18	-	177
Exports	-	-	-	-	-	-	-11	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-17	-	-
Stock changes	-	-	-	-	-	-2	3	-1	-	-7
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**16**	**35**	**-**	**-**	**170**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**16**	**35**	**-**	**-**	**170**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**7**	**1**	**-**	**-**	**33**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	2
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	1
Mining and quarrying	-	-	-	-	-	1	-	-	-	5
Food and tobacco	-	-	-	-	-	3	-	-	-	7
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	7
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	3	1	-	-	11
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**7**	**33**	**-**	**-**	**127**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	7	33	-	-	125
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	2
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**2**	**1**	**-**	**-**	**10**
Residential	-	-	-	-	-	1	-	-	-	-
Comm. and public services	-	-	-	-	-	1	-	-	-	6
Agriculture/forestry	-	-	-	-	-	-	1	-	-	4
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	7457	-	-	-	3174	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	4	-	16	18	79	-	-	-	893	-
Exports	-	-	-	-	-598	-	-	-	-642	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-1	-	-	-	-	-	-
DOMESTIC SUPPLY	**4**	**-**	**16**	**17**	**6938**	**-**	**-**	**-**	**3425**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-122	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**43**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	43	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**136**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	136	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	557	-
FINAL CONSUMPTION	**4**	**-**	**16**	**17**	**6895**	**-**	**-**	**-**	**2610**	**-**
INDUSTRY	**2**	**-**	**-**	**-**	**373**	**-**	**-**	**-**	**760**	**-**
Iron and steel	1	-	-	-	1	-	-	-	17	-
Chemical and petrochemical	-	-	-	-	40	-	-	-	3	-
Non-ferrous metals	-	-	-	-	1	-	-	-	664	-
Non-metallic minerals	-	-	-	-	6	-	-	-	4	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	19	-	-	-	6	-
Mining and quarrying	-	-	-	-	-	-	-	-	2	-
Food and tobacco	1	-	-	-	288	-	-	-	36	-
Paper, pulp and print	-	-	-	-	-	-	-	-	4	-
Wood and wood products	-	-	-	-	-	-	-	-	9	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	3	-	-	-	1	-
Non-specified	-	-	-	-	15	-	-	-	14	-
TRANSPORT	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**32**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	18	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	1	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	14	-
OTHER	**1**	**-**	**-**	**-**	**6522**	**-**	**-**	**-**	**1818**	**-**
Residential	-	-	-	-	6323	-	-	-	1182	-
Comm. and public services	-	-	-	-	199	-	-	-	623	-
Agriculture/forestry	1	-	-	-	-	-	-	-	13	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**16**	**17**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	16	7	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	5	-	-	-	-	-	-
in other	-	-	-	5	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	3935
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	6519	-	-	-	-	-	-	-	-	42883
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-403	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**6116**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**46818**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**6090**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**42883**
Electricity plants	-	6090	-	-	-	-	-	-	-	-	42883
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**26**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3935**
INDUSTRY	**-**	**26**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3935**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	14	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	2	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	6	-	-	-	-	-	-	-	-	2278
Food and tobacco	-	4	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	1657
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	5	-	-	-	174	99	331	906	-	2275
From other sources	-	-	168	-	-	-	-	-	-	-
Imports	5189	-	1282	-	-	2244	181	30	-	2990
Exports	-	-	-	-	-	-	-3	-291	-	-9
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-23
Intl. aviation bunkers	-	-	-	-	-	-	-	-630	-	-
Stock changes	13	-	59	-	-	-28	31	-15	-	-59
DOMESTIC SUPPLY	**5207**	**-**	**1509**	**-**	**174**	**2315**	**540**	**-**	**-**	**5174**
Transfers	-	-	12	-	-	-1	-	-	-	-
Statistical differences	1	-	-	-	-	-9	30	-	-	40
TRANSFORMATION	**5208**	**-**	**1521**	**-**	**-**	**-**	**-**	**-**	**-**	**15**
Electricity plants	-	-	-	-	-	-	-	-	-	15
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	5208	-	1521	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**174**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	174	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**2305**	**570**	**-**	**-**	**5199**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**120**	**2**	**-**	**-**	**199**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	23	-	-	-	2
Non-ferrous metals	-	-	-	-	-	25	-	-	-	2
Non-metallic minerals	-	-	-	-	-	44	-	-	-	9
Transport equipment	-	-	-	-	-	1	-	-	-	2
Machinery	-	-	-	-	-	1	-	-	-	-
Mining and quarrying	-	-	-	-	-	3	-	-	-	125
Food and tobacco	-	-	-	-	-	13	1	-	-	16
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	4	1	-	-	41
Textile and leather	-	-	-	-	-	5	-	-	-	2
Non-specified	-	-	-	-	-	1	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**556**	**-**	**-**	**4240**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	556	-	-	4231
Rail	-	-	-	-	-	-	-	-	-	9
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**2185**	**12**	**-**	**-**	**760**
Residential	-	-	-	-	-	2026	-	-	-	-
Comm. and public services	-	-	-	-	-	80	1	-	-	101
Agriculture/forestry	-	-	-	-	-	79	11	-	-	659
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	1656	494	-	646	57189	-	-	-	29142	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1548	-	1385	48	-	-	-	-	6138	-
Exports	-188	-561	-	-102	-	-	-	-	-128	-
Intl. marine bunkers	-114	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-1241	67	-181	23	-	-	-	-	-	-
DOMESTIC SUPPLY	**1661**	**-**	**1204**	**615**	**57189**	**-**	**-**	**-**	**35152**	**-**
Transfers	-11	-	-	-168	-	-	-	-	-	-
Statistical differences	3	-	-	-1	892	-	-	-	-	-
TRANSFORMATION	**712**	**-**	**-**	**-**	**1235**	**-**	**-**	**-**	**-**	**-**
Electricity plants	712	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	1235	-	-	-	-	-
ENERGY IND. OWN USE	**233**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2119**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	155	-
Oil refineries	233	-	-	-	-	-	-	-	898	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	547	-
Pumped storage plants	-	-	-	-	-	-	-	-	519	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	4227	-
FINAL CONSUMPTION	**708**	**-**	**1204**	**446**	**56846**	**-**	**-**	**-**	**28806**	**-**
INDUSTRY	**705**	**-**	**1204**	**-**	**4406**	**-**	**-**	**-**	**10505**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	33	-	-	-	-	-	-	-	973	-
Non-ferrous metals	30	-	-	-	-	-	-	-	1251	-
Non-metallic minerals	160	-	1198	-	975	-	-	-	2058	-
Transport equipment	-	-	-	-	-	-	-	-	176	-
Machinery	-	-	-	-	-	-	-	-	562	-
Mining and quarrying	236	-	6	-	-	-	-	-	2532	-
Food and tobacco	174	-	-	-	161	-	-	-	1563	-
Paper, pulp and print	25	-	-	-	-	-	-	-	275	-
Wood and wood products	-	-	-	-	-	-	-	-	29	-
Construction	2	-	-	-	25	-	-	-	268	-
Textile and leather	45	-	-	-	38	-	-	-	714	-
Non-specified	-	-	-	-	3207	-	-	-	104	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**332**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	332	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**3**	**-**	**-**	**4**	**52440**	**-**	**-**	**-**	**17969**	**-**
Residential	-	-	-	4	24242	-	-	-	9577	-
Comm. and public services	3	-	-	-	28198	-	-	-	5368	-
Agriculture/forestry	-	-	-	-	-	-	-	-	3024	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**442**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	378	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	64	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	3785	2547	-	-	-	-	-	-	-	-	161552
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-3633	-1046	-	-	-	-	-	-	-	-	-143040
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-1482	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**152**	**19**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**18512**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-152	-	-	-	-	-	-	-	-	-	-71
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**14530**
Electricity plants	-	-	-	-	-	-	-	-	-	-	14530
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**19**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	19	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3911**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3781**
Iron and steel	-	-	-	-	-	-	-	-	-	-	23
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	14
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	1383
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	2014
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	226
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	24
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	97
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**111**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	111
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**19**
Residential	-	-	-	-	-	-	-	-	-	-	11
Comm. and public services	-	-	-	-	-	-	-	-	-	-	8
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	59	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	23	170	156	-	675
Exports	-59	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-120	-	-
Stock changes	-	-	-	-	-	-	30	-	-	-20
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**23**	**200**	**36**	**-**	**655**
Transfers	-	-	-	-	-	-	-	-35	35	-
Statistical differences	-	-	-	-	-	-	-	-1	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**23**	**200**	**-**	**35**	**655**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**128**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	57
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	71
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**200**	**-**	**-**	**492**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	200	-	-	435
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	57
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**23**	**-**	**-**	**35**	**35**
Residential	-	-	-	-	-	21	-	-	35	-
Comm. and public services	-	-	-	-	-	2	-	-	-	25
Agriculture/forestry	-	-	-	-	-	-	-	-	-	10
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	376770	-	-	-	17744	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	7656	-
Exports	-	-	-	-	-	-	-	-	-10199	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**376770**	**-**	**-**	**-**	**15201**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-60	-	-	-	105	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**39805**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	39805	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**238**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	238	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	2612	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**336905**	**-**	**-**	**-**	**12456**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**36856**	**-**	**-**	**-**	**10651**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	8764	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	36856	-	-	-	1887	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**300049**	**-**	**-**	**-**	**1805**	**-**
Residential	-	-	-	-	299448	-	-	-	1629	-
Comm. and public services	-	-	-	-	600	-	-	-	174	-
Agriculture/forestry	-	-	-	-	-	-	-	-	2	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	642	-	50	-	-	-	-	-	-	594533
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-496360
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**642**	**-**	**50**	**-**	**-**	**-**	**-**	**-**	**-**	**98173**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	18760
TRANSFORMATION	**-**	**113**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**71842**
Electricity plants	-	113	-	-	-	-	-	-	-	-	71842
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**12555**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	10523
Oil refineries	-	-	-	-	-	-	-	-	-	-	2032
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**529**	**-**	**50**	**-**	**-**	**-**	**-**	**-**	**-**	**32536**
INDUSTRY	**-**	**529**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**17434**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	467	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	62	-	-	-	-	-	-	-	-	17434
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8030**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	8030
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**50**	**-**	**-**	**-**	**-**	**-**	**-**	**915**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	50	-	-	-	-	-	-	915
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6157**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	6157
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*6157*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	757	10	-	-	30	9	365	37	1	147
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	1	-	-	-	-	1415	84	-	1769
Exports	-145	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-2
Intl. aviation bunkers	-	-	-	-	-	-	-	-40	-	-
Stock changes	896	-	-	-	-	-	18	-	-	12
DOMESTIC SUPPLY	**1508**	**11**	**-**	**-**	**30**	**9**	**1798**	**81**	**1**	**1926**
Transfers	-	-11	-	-	-	7	4	-	-	-
Statistical differences	-725	-	-	-	-	-	-79	-	-	-
TRANSFORMATION	**783**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**16**
Electricity plants	-	-	-	-	-	-	-	-	-	16
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	783	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**30**	**-**	**-**	**-**	**-**	**25**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	30	-	-	-	-	25
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**16**	**1723**	**81**	**1**	**1885**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**1**	**25**	**-**	**-**	**692**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	7	-	-	180
Food and tobacco	-	-	-	-	-	-	7	-	-	176
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	2	-	-	107
Construction	-	-	-	-	-	-	9	-	-	229
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	1	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**1684**	**81**	**-**	**365**
Domestic aviation	-	-	-	-	-	-	-	81	-	-
Road	-	-	-	-	-	-	1684	-	-	91
Rail	-	-	-	-	-	-	-	-	-	221
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	53
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**15**	**14**	**-**	**1**	**828**
Residential	-	-	-	-	-	1	-	-	-	-
Comm. and public services	-	-	-	-	-	1	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	12	-	-	132
Fishing	-	-	-	-	-	-	2	-	-	105
Non-specified	-	-	-	-	-	13	-	-	1	591
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	28	54	12	7	458780	-	-	-	14157	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	128	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**28**	**54**	**12**	**135**	**458780**	**-**	**-**	**-**	**14157**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	37	-	-	-5	-	-	-	-	-1230	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**1751**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	1751	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	2901	-
FINAL CONSUMPTION	**65**	**54**	**12**	**130**	**457029**	**-**	**-**	**-**	**10026**	**-**
INDUSTRY	**31**	**54**	**12**	**1**	**14625**	**-**	**-**	**-**	**1755**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	31	54	12	1	14625	-	-	-	1755	-
TRANSPORT	**31**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	31	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**3**	**-**	**-**	**-**	**442404**	**-**	**-**	**-**	**8271**	**-**
Residential	-	-	-	-	442404	-	-	-	4113	-
Comm. and public services	-	-	-	-	-	-	-	-	1755	-
Agriculture/forestry	3	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	2403	-
NON-ENERGY USE	**-**	**-**	**-**	**129**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	96	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	33	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	12	301	58	2	726
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-47	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**12**	**301**	**11**	**2**	**726**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4**
Electricity plants	-	-	-	-	-	-	-	-	-	4
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**12**	**301**	**11**	**2**	**722**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**10**	**2**	**-**	**-**	**84**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	2	-	-	63
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	21
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	10	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**299**	**11**	**-**	**290**
Domestic aviation	-	-	-	-	-	-	-	11	-	-
Road	-	-	-	-	-	-	299	-	-	268
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	22
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**2**	**-**	**-**	**2**	**348**
Residential	-	-	-	-	-	-	-	-	2	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	2	-	-	-	293
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	55
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	13907	-	-	-	1498	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	17	-	-	41	-	-	-	-	2886	-
Exports	-	-	-	-4	-4250	-	-	-	-84	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**17**	**-**	**-**	**37**	**9657**	**-**	**-**	**-**	**4300**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-10	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**4238**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	4238	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	543	-
FINAL CONSUMPTION	**17**	**-**	**-**	**37**	**5419**	**-**	**-**	**-**	**3747**	**-**
INDUSTRY	**2**	**-**	**-**	**-**	**1173**	**-**	**-**	**-**	**716**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	1173	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	1	-	-	-	-	-	-	-	571	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	1	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	145	-
TRANSPORT	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	1	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**14**	**-**	**-**	**14**	**4246**	**-**	**-**	**-**	**3031**	**-**
Residential	-	-	-	-	4246	-	-	-	-	-
Comm. and public services	2	-	-	-	-	-	-	-	-	-
Agriculture/forestry	12	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	14	-	-	-	-	3031	-
NON-ENERGY USE	**-**	**-**	**-**	**23**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	16	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	5	-	-	-	-	-	-
in other	-	-	-	2	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	18	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	788	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**806**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**806**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**802**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	802	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**4**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	4	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	255	195	107	15	712
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-107	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**255**	**195**	**-**	**15**	**712**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**255**	**195**	**-**	**15**	**712**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**	**10**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	1	10
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**10**	**195**	**-**	**-**	**571**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	10	195	-	-	571
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**245**	**-**	**-**	**14**	**131**
Residential	-	-	-	-	-	137	-	-	12	-
Comm. and public services	-	-	-	-	-	108	-	-	2	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	131
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	382104	-	11654	-	3797	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	32	-	-	9	-	-	-	-	1370	-
Exports	-	-	-	-	-	-	-	-	-3	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**32**	**-**	**-**	**9**	**382104**	**-**	**11654**	**-**	**5164**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	4	-	-	-	-9	-
TRANSFORMATION	**32**	**-**	**-**	**-**	**541**	**-**	**-**	**-**	**-**	**-**
Electricity plants	32	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	541	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**39**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	39	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1223	-
FINAL CONSUMPTION	**-**	**-**	**-**	**9**	**381567**	**-**	**11654**	**-**	**3893**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**2286**	**-**	**-**	**-**	**1359**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	2286	-	-	-	1359	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**7**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	7	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**379281**	**-**	**11654**	**-**	**2527**	**-**
Residential	-	-	-	-	377365	-	11654	-	1830	-
Comm. and public services	-	-	-	-	1916	-	-	-	516	-
Agriculture/forestry	-	-	-	-	-	-	-	-	84	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	97	-
NON-ENERGY USE	**-**	**-**	**-**	**9**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	9	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	12	10	96	29	6	213
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	709	-	-	-	-	83	163	1	-	285
Exports	-	-	-	-	-	-	-	-	-	-1
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-22	-	-
Stock changes	2	-	-	-	-	5	9	-1	-	18
DOMESTIC SUPPLY	**711**	**-**	**-**	**-**	**12**	**98**	**268**	**7**	**6**	**515**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	2	-	-	-	-	-	-2	-	-	8
TRANSFORMATION	**713**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**15**
Electricity plants	-	-	-	-	-	-	-	-	-	15
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	713	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**12**	**4**	**-**	**-**	**-**	**2**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	12	4	-	-	-	2
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**94**	**266**	**7**	**6**	**506**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**10**	**7**	**-**	**-**	**80**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	4
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	1	-	-	7
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	10	6	-	-	69
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**245**	**7**	**-**	**355**
Domestic aviation	-	-	-	-	-	-	-	7	-	-
Road	-	-	-	-	-	-	245	-	-	300
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	55
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**84**	**14**	**-**	**6**	**71**
Residential	-	-	-	-	-	40	-	-	1	-
Comm. and public services	-	-	-	-	-	43	13	-	5	61
Agriculture/forestry	-	-	-	-	-	1	1	-	-	10
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	292	-	-	22	62405	-	-	-	4444	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	197	-	52	27	-	-	-	-	22	-
Exports	-	-	-	-11	-	-	-	-	-49	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-15	-	6	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**474**	**-**	**58**	**38**	**62405**	**-**	**-**	**-**	**4417**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	6	-	-2	-1	621	-	-	-	-5	-
TRANSFORMATION	**445**	**-**	**-**	**-**	**19251**	**-**	**-**	**-**	**-**	**-**
Electricity plants	445	-	-	-	18702	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	549	-	-	-	-	-
ENERGY IND. OWN USE	**11**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**161**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	11	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	161	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	926	-
FINAL CONSUMPTION	**24**	**-**	**56**	**37**	**43775**	**-**	**-**	**-**	**3325**	**-**
INDUSTRY	**24**	**-**	**56**	**-**	**2721**	**-**	**-**	**-**	**1105**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	88	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	24	-	56	-	2721	-	-	-	1017	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**41054**	**-**	**-**	**-**	**2220**	**-**
Residential	-	-	-	-	37821	-	-	-	1070	-
Comm. and public services	-	-	-	-	1674	-	-	-	1039	-
Agriculture/forestry	-	-	-	-	1521	-	-	-	111	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	39	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**37**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	37	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	263	-	1	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	12	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**275**	**-**	**1**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-6	-	3	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**269**	**-**	**4**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	265	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	4	-	4	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	844	-	-	-	-	57	231	-	-	427
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	43	31	2	26
Exports	-	-	-	-	-	-21	-98	-	-	-158
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-31	-	-
Stock changes	-26	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**818**	**-**	**-**	**-**	**-**	**36**	**176**	**-**	**2**	**295**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-20	11	-	-	18
TRANSFORMATION	**818**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**46**
Electricity plants	-	-	-	-	-	-	-	-	-	46
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	818	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**16**	**187**	**-**	**2**	**267**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**85**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	85
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**187**	**-**	**-**	**182**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	187	-	-	182
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**16**	**-**	**-**	**2**	**-**
Residential	-	-	-	-	-	16	-	-	2	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	89153	-	-	-	443	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	2	-	-	8	-	-	-	-	727	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**2**	**-**	**-**	**8**	**89153**	**-**	**-**	**-**	**1170**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-6	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**2746**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	2746	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**51**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	51	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	185	-
FINAL CONSUMPTION	**2**	**-**	**-**	**8**	**86407**	**-**	**-**	**-**	**928**	**-**
INDUSTRY	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**285**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	2	-	-	-	-	-	-	-	285	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**86407**	**-**	**-**	**-**	**643**	**-**
Residential	-	-	-	-	86407	-	-	-	536	-
Comm. and public services	-	-	-	-	-	-	-	-	102	-
Agriculture/forestry	-	-	-	-	-	-	-	-	5	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**8**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	8	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	46	-	-	-	-	-	-	-	-	1611963
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-938980
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**46**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**672983**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-48019
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**250440**
Electricity plants	-	-	-	-	-	-	-	-	-	-	250440
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**196565**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	126423
Oil refineries	-	-	-	-	-	-	-	-	-	-	2508
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	67634
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**46**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**177959**
INDUSTRY	**-**	**46**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**115540**
Iron and steel	-	-	-	-	-	-	-	-	-	-	12067
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	19921
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	46	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	83552
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**62419**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	62419
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*62419*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	106472	7426	-	-	84	72	542	47	629	647
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	5781	255	1862	-
Exports	-103178	-7426	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-117
Intl. aviation bunkers	-	-	-	-	-	-	-	-302	-	-
Stock changes	219	-	-	-	-	-	-	-	-	23
DOMESTIC SUPPLY	**3513**	**-**	**-**	**-**	**84**	**72**	**6323**	**-**	**2491**	**553**
Transfers	-	-	89	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	1	-	-	-	-
TRANSFORMATION	**3157**	**-**	**89**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	3157	-	89	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**34**	**11**	**-**	**-**	**-**	**25**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	34	11	-	-	-	25
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	356	-	-	-	50	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**62**	**6323**	**-**	**2491**	**528**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**1**	**-**	**-**	**-**	**6**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	1
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	1	-	-	-	5
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**6323**	**-**	**-**	**518**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	6323	-	-	506
Rail	-	-	-	-	-	-	-	-	-	6
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	6
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**61**	**-**	**-**	**2491**	**4**
Residential	-	-	-	-	-	21	-	-	480	-
Comm. and public services	-	-	-	-	-	-	-	-	1	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	4
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	40	-	-	2010	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	959	-	10	263	4547969	-	-	-	30390	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-
Exports	-333	-	-	-224	-	-	-	-	-	-
Intl. marine bunkers	-260	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	299	-	-	79	-	-	-	-	-	-
DOMESTIC SUPPLY	**665**	**-**	**10**	**118**	**4547969**	**-**	**-**	**-**	**30390**	**-**
Transfers	-	-	-	-89	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**355186**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	355186	-	-	-	-	-
ENERGY IND. OWN USE	**226**	**-**	**10**	**-**	**-**	**-**	**-**	**-**	**1056**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	226	-	10	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	870	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	186	-
Losses	-	-	-	-	-	-	-	-	4895	-
FINAL CONSUMPTION	**439**	**-**	**-**	**29**	**4192783**	**-**	**-**	**-**	**24439**	**-**
INDUSTRY	**439**	**-**	**-**	**-**	**169382**	**-**	**-**	**-**	**4057**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	439	-	-	-	169382	-	-	-	4057	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**4023401**	**-**	**-**	**-**	**20382**	**-**
Residential	-	-	-	-	3911065	-	-	-	14003	-
Comm. and public services	-	-	-	-	112336	-	-	-	6379	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**29**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	29	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	1260364
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	81558
Exports	-	-	-	-	-	-	-	-	-	-	-427842
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**914080**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-8029
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**305274**
Electricity plants	-	-	-	-	-	-	-	-	-	-	305274
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**128437**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	96740
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	31697
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**472340**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**396575**
Iron and steel	-	-	-	-	-	-	-	-	-	-	22640
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	13491
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	3009
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	357435
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**7573**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	7573
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**68192**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	68192
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*68192*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	46228	246	-	-	224	327	2973	617	4	2633
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	318	-	-	-	-	-	-
Exports	-39221	-	-	-	-	-455	-232	-144	-	-153
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-507	-	-
Stock changes	-	-	-	-	-	-	18	34	-	-
DOMESTIC SUPPLY	**7007**	**246**	**-**	**318**	**224**	**-128**	**2759**	**-**	**4**	**2480**
Transfers	-	-246	1458	-	-	246	-	-	-	-
Statistical differences	1950	-	-	-	-	34	-	-	-	-
TRANSFORMATION	**8957**	**-**	**1458**	**318**	**-**	**-**	**-**	**-**	**-**	**179**
Electricity plants	-	-	-	-	-	-	-	-	-	179
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	8957	-	1458	318	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**224**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	224	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**152**	**2759**	**-**	**4**	**2301**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4**	**733**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	4	733
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**2759**	**-**	**-**	**1210**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	2759	-	-	1210
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**152**	**-**	**-**	**-**	**358**
Residential	-	-	-	-	-	152	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	358
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	3039	478	-	303	-	-	-	-	29128	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	43	-	-	-	-	-	-
Exports	-389	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-1180	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-7	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**1470**	**471**	**-**	**346**	**-**	**-**	**-**	**-**	**29128**	**-**
Transfers	-1458	-	-	-	-	-	-	-	-	-
Statistical differences	-12	-	-	-5	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**785**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	785	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	3170	-
FINAL CONSUMPTION	**-**	**471**	**-**	**341**	**-**	**-**	**-**	**-**	**25173**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4189**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	4189	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**20984**	**-**
Residential	-	-	-	-	-	-	-	-	11959	-
Comm. and public services	-	-	-	-	-	-	-	-	8685	-
Agriculture/forestry	-	-	-	-	-	-	-	-	340	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**471**	**-**	**341**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	471	-	341	-	-	-	-	-	-
of which: chem./petrochem.	-	*471*	-	*237*	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	2383	-	1168	81	-	-	-	733	-	1223696
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	115	2645	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-556
DOMESTIC SUPPLY	**115**	**5028**	**-**	**1168**	**81**	**-**	**-**	**-**	**733**	**-**	**1223140**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	1671
TRANSFORMATION	**115**	**169**	**-**	**-**	**65**	**-**	**-**	**-**	**-**	**-**	**289406**
Electricity plants	-	169	-	-	-	-	-	-	-	-	289406
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	65	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	115	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**7723**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	7723
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	81619
FINAL CONSUMPTION	**-**	**4859**	**-**	**1168**	**16**	**-**	**-**	**-**	**733**	**-**	**846063**
INDUSTRY	**-**	**4859**	**-**	**1168**	**16**	**-**	**-**	**-**	**733**	**-**	**308441**
Iron and steel	-	-	-	-	16	-	-	-	733	-	8762
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	42216
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	1
Non-metallic minerals	-	4859	-	1168	-	-	-	-	-	-	535
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	256927
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**89887**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	89887
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**315147**
Residential	-	-	-	-	-	-	-	-	-	-	276051
Comm. and public services	-	-	-	-	-	-	-	-	-	-	39096
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**132588**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	132588
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*132588*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	4040	253	-	13	176	216	1670	758	182	4567
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	8298	-	-	-	-	93	2392	130	-	2709
Exports	-24	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-7
Intl. aviation bunkers	-	-	-	-	-	-	-	-208	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**12314**	**253**	**-**	**13**	**176**	**309**	**4062**	**680**	**182**	**7269**
Transfers	-	-253	-	-	-	253	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**12314**	**-**	**-**	**13**	**-**	**-**	**-**	**-**	**-**	**304**
Electricity plants	-	-	-	-	-	-	-	-	-	304
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	12314	-	-	13	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**176**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	176	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**562**	**4062**	**680**	**182**	**6965**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**45**	**476**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	476
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	45	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**4062**	**680**	**-**	**6285**
Domestic aviation	-	-	-	-	-	-	-	680	-	-
Road	-	-	-	-	-	-	4062	-	-	6043
Rail	-	-	-	-	-	-	-	-	-	242
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**562**	**-**	**-**	**137**	**204**
Residential	-	-	-	-	-	245	-	-	103	-
Comm. and public services	-	-	-	-	-	237	-	-	34	154
Agriculture/forestry	-	-	-	-	-	-	-	-	-	49
Fishing	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	80	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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Pakistan

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	3064	920	-	461	1345122	-	-	-	105305	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	7119	-	-	-	-	-	-	-	428	-
Exports	-	-920	-	-	-	-	-	-	-	-
Intl. marine bunkers	-93	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-40	-	-	-	-	-	-
DOMESTIC SUPPLY	**10090**	**-**	**-**	**421**	**1345122**	**-**	**-**	**-**	**105733**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	2729	-
TRANSFORMATION	**9107**	**-**	**-**	**-**	**26836**	**-**	**-**	**-**	**-**	**-**
Electricity plants	9107	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	26836	-	-	-	-	-
ENERGY IND. OWN USE	**199**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3801**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	199	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	3801	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	18333	-
FINAL CONSUMPTION	**784**	**-**	**-**	**421**	**1318286**	**-**	**-**	**-**	**86328**	**-**
INDUSTRY	**782**	**-**	**-**	**63**	**146307**	**-**	**-**	**-**	**25510**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	548	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	234	-	-	63	146307	-	-	-	25510	-
TRANSPORT	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	1	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**1**	**-**	**-**	**-**	**1171979**	**-**	**-**	**-**	**60818**	**-**
Residential	-	-	-	-	1171979	-	-	-	40390	-
Comm. and public services	1	-	-	-	-	-	-	-	11745	-
Agriculture/forestry	-	-	-	-	-	-	-	-	8683	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**358**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	358	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Panama

2014

SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	337	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**337**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**337**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	337	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	311	684	551	3	1384
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-82
Intl. aviation bunkers	-	-	-	-	-	-	-	-594	-	-
Stock changes	-	-	-	-	-	45	33	48	-	141
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**356**	**717**	**5**	**3**	**1443**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-91	-3	-5	-	-12
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**270**
Electricity plants	-	-	-	-	-	-	-	-	-	270
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**265**	**714**	**-**	**3**	**1161**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**81**	**49**	**-**	**2**	**502**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	81	49	-	2	502
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**1**	**652**	**-**	**-**	**570**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	652	-	-	570
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	1	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**183**	**13**	**-**	**1**	**89**
Residential	-	-	-	-	-	180	-	-	-	-
Comm. and public services	-	-	-	-	-	3	13	-	1	70
Agriculture/forestry	-	-	-	-	-	-	-	-	-	19
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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Panama

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	13717	53	-	-	9287	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	3320	-	150	91	-	-	-	-	193	-
Exports	-	-	-	-3	-	-	-	-	-99	-
Intl. marine bunkers	-3117	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	170	-	-	-36	-	-	-	-	-	-
DOMESTIC SUPPLY	**373**	**-**	**150**	**52**	**13717**	**53**	**-**	**-**	**9381**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	168	-	-	3	4	-	-	-	-31	-
TRANSFORMATION	**508**	**-**	**-**	**-**	**2865**	**-**	**-**	**-**	**-**	**-**
Electricity plants	508	-	-	-	2836	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	29	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**200**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	200	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1328	-
FINAL CONSUMPTION	**33**	**-**	**150**	**55**	**10856**	**53**	**-**	**-**	**7822**	**-**
INDUSTRY	**33**	**-**	**150**	**-**	**3745**	**-**	**-**	**-**	**886**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	33	-	150	-	3745	-	-	-	886	-
TRANSPORT	**-**	**-**	**-**	**1**	**-**	**53**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	53	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	1	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**1**	**7111**	**-**	**-**	**-**	**6936**	**-**
Residential	-	-	-	-	7080	-	-	-	2528	-
Comm. and public services	-	-	-	1	31	-	-	-	4400	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	8	-
NON-ENERGY USE	**-**	**-**	**-**	**53**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	53	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Paraguay

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	83	410	37	-	1124
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-37	-	-
Stock changes	-	-	-	-	-	-1	-3	-	-	-8
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**82**	**407**	**-**	**-**	**1116**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	1	-1	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**
Electricity plants	-	-	-	-	-	-	-	-	-	1
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**83**	**406**	**-**	**-**	**1115**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**1**	**1**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	1	1	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**10**	**405**	**-**	**-**	**1115**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	405	-	-	1115
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	10	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**72**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	72	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	92892	164	-	-	55282	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	52	-	-	32	29	-	-	-	-	-
Exports	-	-	-	-	-3813	-	-	-	-41400	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-8	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**44**	**-**	**-**	**32**	**89108**	**164**	**-**	**-**	**13882**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	1	-	-	-	1	-	-	-	-1	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**6142**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	6142	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**450**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	450	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	3637	-
FINAL CONSUMPTION	**45**	**-**	**-**	**32**	**82966**	**164**	**-**	**-**	**9794**	**-**
INDUSTRY	**45**	**-**	**-**	**-**	**45599**	**1**	**-**	**-**	**2020**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	45	-	-	-	45599	1	-	-	2020	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**162**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	162	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**37367**	**1**	**-**	**-**	**7774**	**-**
Residential	-	-	-	-	37216	1	-	-	4323	-
Comm. and public services	-	-	-	-	151	-	-	-	3451	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**32**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	9	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	23	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	211	-	-	-	-	-	-	-	-	612438
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	528	-	-	13	-	-	-	-	-	-
Exports	-	-253	-	-	-35	-	-	-	-	-	-239000
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	630	-	-	110	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**1116**	**-**	**-**	**88**	**-**	**-**	**-**	**-**	**-**	**373438**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	77	-	-	-1	-	-	-	-	-	-10068
TRANSFORMATION	**-**	**288**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**195096**
Electricity plants	-	288	-	-	-	-	-	-	-	-	195096
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**81950**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	81950
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**905**	**-**	**-**	**87**	**-**	**-**	**-**	**-**	**-**	**86324**
INDUSTRY	**-**	**903**	**-**	**-**	**87**	**-**	**-**	**-**	**-**	**-**	**45595**
Iron and steel	-	126	-	-	87	-	-	-	-	-	4455
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	777	-	-	-	-	-	-	-	-	41140
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**28359**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	28359
OTHER	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**12370**
Residential	-	-	-	-	-	-	-	-	-	-	1828
Comm. and public services	-	-	-	-	-	-	-	-	-	-	9327
Agriculture/forestry	-	2	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	1215
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	5548	3680	-	-	152	181	1944	670	59	3660
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	4183	-	-	-	-	-	104	150	-	2309
Exports	-767	-	-	-	-	-17	-1504	-763	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-1
Intl. aviation bunkers	-	-	-	-	-	-	-	-776	-	-
Stock changes	-77	-	-	-	-	-149	-832	684	-	-746
DOMESTIC SUPPLY	**8887**	**3680**	**-**	**-**	**152**	**15**	**-288**	**-35**	**59**	**5222**
Transfers	-	-3680	-	-	-	1526	1621	-	-	-484
Statistical differences	139	-	-	-	6	-1	62	36	-	-110
TRANSFORMATION	**9026**	**-**	**-**	**-**	**28**	**-**	**-**	**-**	**-**	**117**
Electricity plants	-	-	-	-	28	-	-	-	-	117
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	9026	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**130**	**-**	**17**	**-**	**-**	**18**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	130	-	17	-	-	18
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**1540**	**1378**	**1**	**59**	**4493**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**393**	**-**	**-**	**-**	**662**
Iron and steel	-	-	-	-	-	-	-	-	-	331
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	34	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	359	-	-	-	331
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**363**	**1378**	**1**	**-**	**3657**
Domestic aviation	-	-	-	-	-	-	-	1	-	-
Road	-	-	-	-	-	363	1378	-	-	3657
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**784**	**-**	**-**	**59**	**174**
Residential	-	-	-	-	-	709	-	-	-	-
Comm. and public services	-	-	-	-	-	73	-	-	59	72
Agriculture/forestry	-	-	-	-	-	1	-	-	-	22
Fishing	-	-	-	-	-	1	-	-	-	80
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	1723	-	-	506	107810	67	835	-	45527	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	415	-	-	-	-
Exports	-787	-	-	-1	-	-	-	-	-13	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-416	-	-	153	-	-94	-	-	-	-
DOMESTIC SUPPLY	**520**	**-**	**-**	**658**	**107810**	**388**	**835**	**-**	**45514**	**-**
Transfers	-	-	-	-354	-	-	-	-	-	-
Statistical differences	-47	-	-	42	25	69	-14	-	2	-
TRANSFORMATION	**151**	**-**	**-**	**-**	**19964**	**7**	**821**	**-**	**-**	**-**
Electricity plants	151	-	-	-	17433	7	821	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	2531	-	-	-	-	-
ENERGY IND. OWN USE	**81**	**-**	**-**	**6**	**-**	**-**	**-**	**-**	**800**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	81	-	-	6	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	800	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	5016	-
FINAL CONSUMPTION	**241**	**-**	**-**	**340**	**87871**	**450**	**-**	**-**	**39700**	**-**
INDUSTRY	**2**	**-**	**-**	**-**	**3**	**31**	**-**	**-**	**21788**	**-**
Iron and steel	-	-	-	-	-	8	-	-	10390	-
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	2	-	-	-	3	23	-	-	11398	-
TRANSPORT	**238**	**-**	**-**	**-**	**-**	**391**	**-**	**-**	**37**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	391	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	238	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	37	-
OTHER	**1**	**-**	**-**	**-**	**87868**	**28**	**-**	**-**	**17875**	**-**
Residential	-	-	-	-	86249	-	-	-	8919	-
Comm. and public services	-	-	-	-	133	20	-	-	7813	-
Agriculture/forestry	-	-	-	-	1487	3	-	-	860	-
Fishing	1	-	-	-	-	5	-	-	283	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**340**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	340	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	7600	-	-	-	-	-	3294	-	142290
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	13365	1525	-	292	-	-	-	-	-	-
Exports	-	-	-5246	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	2627	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**13365**	**6506**	**-**	**292**	**-**	**-**	**-**	**3294**	**-**	**142290**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**13365**	**2222**	**-**	**292**	**-**	**-**	**-**	**-**	**-**	**133507**
Electricity plants	-	13365	2222	-	-	-	-	-	-	-	133507
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	292	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5175**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	5175
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**4284**	**-**	**-**	**-**	**-**	**-**	**3294**	**-**	**3608**
INDUSTRY	**-**	**-**	**4284**	**-**	**-**	**-**	**-**	**-**	**3294**	**-**	**3604**
Iron and steel	-	-	377	-	-	-	-	-	3294	-	-
Chemical and petrochemical	-	-	17	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	3203	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	286	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	155	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	215	-	-	-	-	-	-	-	-
Non-specified	-	-	31	-	-	-	-	-	-	-	3604
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	4
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	857	-	-	-	80	294	1304	761	59	2964
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	8801	-	-	-	-	789	1747	830	55	3924
Exports	-824	-	-	-	-	-	-7	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-23
Intl. aviation bunkers	-	-	-	-	-	-	-	-1045	-	-
Stock changes	-544	-	-	-	-	-2	-28	6	22	-36
DOMESTIC SUPPLY	**8290**	**-**	**-**	**-**	**80**	**1081**	**3016**	**552**	**136**	**6829**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	37	-	-	-	-	39	27	-7	-26	65
TRANSFORMATION	**8046**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**332**
Electricity plants	-	-	-	-	-	-	-	-	-	332
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	8046	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**281**	**-**	**-**	**-**	**80**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	281	-	-	-	80	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**1120**	**3043**	**545**	**110**	**6562**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**117**	**-**	**-**	**16**	**533**
Iron and steel	-	-	-	-	-	13	-	-	1	13
Chemical and petrochemical	-	-	-	-	-	4	-	-	14	38
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	16	-	-	-	33
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	16	-	-	1	44
Mining and quarrying	-	-	-	-	-	-	-	-	-	242
Food and tobacco	-	-	-	-	-	48	-	-	-	61
Paper, pulp and print	-	-	-	-	-	-	-	-	-	2
Wood and wood products	-	-	-	-	-	3	-	-	-	2
Construction	-	-	-	-	-	5	-	-	-	96
Textile and leather	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	12	-	-	-	1
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**39**	**3039**	**545**	**-**	**4816**
Domestic aviation	-	-	-	-	-	-	-	545	-	-
Road	-	-	-	-	-	39	2890	-	-	4431
Rail	-	-	-	-	-	-	-	-	-	11
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	149	-	-	374
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**964**	**4**	**-**	**94**	**1213**
Residential	-	-	-	-	-	716	-	-	94	-
Comm. and public services	-	-	-	-	-	248	-	-	-	1048
Agriculture/forestry	-	-	-	-	-	-	1	-	-	30
Fishing	-	-	-	-	-	-	3	-	-	135
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	1671	549	-	-	337307	236	-	798	77262	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	720	267	-	98	-	268	-	-	-	-
Exports	-237	-384	-	-	-	-	-	-	-	-
Intl. marine bunkers	-68	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-100	-37	-	-3	-	-11	-	-	-	-
DOMESTIC SUPPLY	**1986**	**395**	**-**	**95**	**337307**	**493**	**-**	**798**	**77262**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-86	-71	-	6	-2511	22	-	-	-1	-
TRANSFORMATION	**1064**	**-**	**-**	**-**	**89717**	**7**	**-**	**798**	**-**	**-**
Electricity plants	1064	-	-	-	2134	7	-	798	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	87583	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6646**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	6646	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	7270	-
FINAL CONSUMPTION	**836**	**324**	**-**	**101**	**245079**	**508**	**-**	**-**	**63345**	**-**
INDUSTRY	**538**	**-**	**-**	**-**	**69395**	**11**	**-**	**-**	**21429**	**-**
Iron and steel	69	-	-	-	-	-	-	-	4369	-
Chemical and petrochemical	110	-	-	-	-	1	-	-	1301	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	96	-	-	-	-	1	-	-	1632	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	42	-	-	-	-	1	-	-	5358	-
Mining and quarrying	39	-	-	-	-	5	-	-	667	-
Food and tobacco	154	-	-	-	68830	1	-	-	3917	-
Paper, pulp and print	6	-	-	-	-	-	-	-	1200	-
Wood and wood products	3	-	-	-	-	-	-	-	507	-
Construction	4	-	-	-	-	2	-	-	201	-
Textile and leather	9	-	-	-	-	-	-	-	1661	-
Non-specified	6	-	-	-	565	-	-	-	616	-
TRANSPORT	**181**	**-**	**-**	**-**	**-**	**449**	**-**	**-**	**111**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	445	-	-	-	-
Rail	-	-	-	-	-	-	-	-	111	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	181	-	-	-	-	4	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**117**	**-**	**-**	**-**	**175684**	**48**	**-**	**-**	**41805**	**-**
Residential	-	-	-	-	161780	-	-	-	20969	-
Comm. and public services	115	-	-	-	13904	40	-	-	18761	-
Agriculture/forestry	-	-	-	-	-	2	-	-	1827	-
Fishing	2	-	-	-	-	6	-	-	248	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**324**	**-**	**101**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	324	-	101	-	-	-	-	-	-
of which: chem./petrochem.	-	*324*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	6623756
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-4633231
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1990525**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1046448**
Electricity plants	-	-	-	-	-	-	-	-	-	-	381028
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	665420
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**589035**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	110725
Oil refineries	-	-	-	-	-	-	-	-	-	-	1307
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	477003
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**355042**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**229337**
Iron and steel	-	-	-	-	-	-	-	-	-	-	28374
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	175168
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	25795
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**125705**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	125705
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*125705*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	34508	39487	-	-	58	362	1976	2881	-	2201
From other sources	5902	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	12
Exports	-30920	-18951	-	-	-	-10041	-300	-827	-	-3665
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-1254	-	-
Stock changes	-	-	-	-	-	-	-	-800	-	-46
DOMESTIC SUPPLY	**9490**	**20536**	**-**	**-**	**58**	**-9679**	**1676**	**-**	**-**	**-1498**
Transfers	-5902	-12002	-	-	-	12002	-	-	-	4290
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**3588**	**8534**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	3588	8534	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**58**	**64**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	58	64	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**2259**	**1676**	**-**	**-**	**2792**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**1676**	**-**	**-**	**2792**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	1676	-	-	2792
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**113**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	113	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**2146**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	2146	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*2146*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	245	3556	-	759	-	-	-	-	38692	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-
Exports	-202	-5386	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-43	218	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-1612**	**-**	**759**	**-**	**-**	**-**	**-**	**38692**	**-**
Transfers	-	1612	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	1	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2568**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	2568	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	2341	-
FINAL CONSUMPTION	**-**	**-**	**-**	**759**	**-**	**-**	**-**	**-**	**33784**	**-**
INDUSTRY	**-**	**-**	**-**	**759**	**-**	**-**	**-**	**-**	**11568**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	759	-	-	-	-	11568	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**22216**	**-**
Residential	-	-	-	-	-	-	-	-	13731	-
Comm. and public services	-	-	-	-	-	-	-	-	5680	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	2805	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	80	23485	-	-	-	-	8924	2	407772
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	21	132	543	388	738	-	-	-	-	34	21643
Exports	-	-5	-	-37	-	-	-	-	-	-3	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	13	16	1599	-27	-	-	-	-	-	6213
DOMESTIC SUPPLY	**21**	**140**	**639**	**25435**	**711**	**-**	**-**	**-**	**8924**	**33**	**435628**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-6	1	300	-10	-	-	-	-	-	5818
TRANSFORMATION	**-**	**-**	**247**	**24805**	**677**	**-**	**-**	**-**	**763**	**-**	**117874**
Electricity plants	-	-	-	16330	-	-	-	-	412	-	26815
CHP plants	-	-	247	8441	-	-	-	-	278	-	68392
Heat plants	-	-	-	34	-	-	-	-	73	-	17844
Blast furnaces	-	-	-	-	677	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	4823
ENERGY IND. OWN USE	**-**	**-**	**1**	**254**	**-**	**-**	**-**	**-**	**508**	**-**	**27350**
Fuel mining and extraction	-	-	-	1	-	-	-	-	-	-	16859
Oil refineries	-	-	-	-	-	-	-	-	-	-	8027
Elec., CHP and heat plants	-	-	1	253	-	-	-	-	508	-	2310
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	154
Losses	-	-	-	4	-	-	-	-	383	-	3631
FINAL CONSUMPTION	**21**	**134**	**392**	**672**	**24**	**-**	**-**	**-**	**7270**	**33**	**292591**
INDUSTRY	**21**	**134**	**348**	**453**	**5**	**-**	**-**	**-**	**7270**	**-**	**114141**
Iron and steel	21	96	265	-	-	-	-	-	7270	-	26544
Chemical and petrochemical	-	38	-	295	3	-	-	-	-	-	36810
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	70	156	-	-	-	-	-	-	11333
Transport equipment	-	-	-	-	-	-	-	-	-	-	3545
Machinery	-	-	-	-	-	-	-	-	-	-	8733
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	147
Food and tobacco	-	-	13	-	2	-	-	-	-	-	13384
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	2454
Wood and wood products	-	-	-	-	-	-	-	-	-	-	1861
Construction	-	-	-	2	-	-	-	-	-	-	4027
Textile and leather	-	-	-	-	-	-	-	-	-	-	4523
Non-specified	-	-	-	-	-	-	-	-	-	-	780
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**157**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	157
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**44**	**219**	**-**	**-**	**-**	**-**	**-**	**33**	**139991**
Residential	-	-	44	217	-	-	-	-	-	-	101100
Comm. and public services	-	-	-	2	-	-	-	-	-	-	36090
Agriculture/forestry	-	-	-	-	-	-	-	-	-	33	2800
Fishing	-	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**19**	**-**	**-**	**-**	**-**	**-**	**38302**
in industry/transf./energy	-	-	-	-	19	-	-	-	-	-	38302
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*38302*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	3963	89	-	10	749	560	2998	372	8	5170
From other sources	79	-	492	-	-	-	-	-	-	-
Imports	6727	-	358	168	-	132	80	17	3	994
Exports	-51	-	-	-	-	-204	-1729	-224	-	-1635
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-79
Intl. aviation bunkers	-	-	-	-	-	-	-	-178	-	-
Stock changes	-275	-1	-	3	-	-2	35	1	-	-33
DOMESTIC SUPPLY	**10443**	**88**	**850**	**181**	**749**	**486**	**1384**	**-12**	**11**	**4417**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	91	-	-	17	-3	-19	-22	35	-	-117
TRANSFORMATION	**10534**	**84**	**850**	**198**	**88**	**28**	**-**	**1**	**7**	**59**
Electricity plants	-	-	-	-	-	-	-	-	-	5
CHP plants	-	-	-	-	51	-	-	-	-	-
Heat plants	-	-	-	-	37	1	-	-	-	4
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	10534	84	850	198	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	27	-	1	7	50
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**497**	**42**	**17**	**-**	**-**	**67**
Fuel mining and extraction	-	-	-	-	26	-	-	-	-	37
Oil refineries	-	-	-	-	463	-	-	-	-	11
Elec., CHP and heat plants	-	-	-	-	8	-	-	-	-	18
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	42	17	-	-	1
Losses	-	-	-	-	-	-	1	-	-	1
FINAL CONSUMPTION	**-**	**4**	**-**	**-**	**161**	**397**	**1344**	**22**	**4**	**4173**
INDUSTRY	**-**	**4**	**-**	**-**	**161**	**137**	**11**	**1**	**-**	**265**
Iron and steel	-	-	-	-	-	-	-	-	-	4
Chemical and petrochemical	-	4	-	-	161	84	-	-	-	1
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	18
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	8	1	1	-	7
Mining and quarrying	-	-	-	-	-	-	-	-	-	17
Food and tobacco	-	-	-	-	-	6	-	-	-	26
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	4
Construction	-	-	-	-	-	33	8	-	-	180
Textile and leather	-	-	-	-	-	1	-	-	-	1
Non-specified	-	-	-	-	-	5	2	-	-	7
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**51**	**1303**	**21**	**-**	**3520**
Domestic aviation	-	-	-	-	-	-	-	21	-	-
Road	-	-	-	-	-	51	1303	-	-	3376
Rail	-	-	-	-	-	-	-	-	-	107
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	37
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**209**	**30**	**-**	**4**	**388**
Residential	-	-	-	-	-	182	-	-	2	-
Comm. and public services	-	-	-	-	-	22	27	-	2	19
Agriculture/forestry	-	-	-	-	-	5	3	-	-	241
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	128
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	321	280	750	458	152640	122	810	2927	65676	77973
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	4	170	636	4622	134	-	-	2811	-
Exports	-203	-108	-245	-266	-5761	-47	-	-	-9937	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	24	-3	22	16	-28	-1	-	80	-	-
DOMESTIC SUPPLY	**142**	**173**	**697**	**844**	**151473**	**208**	**810**	**3007**	**58550**	**77973**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	3	48	-	71	-481	-1	-	-	-52	902
TRANSFORMATION	**124**	**221**	**-**	**213**	**6680**	**-**	**599**	**68**	**-**	**-**
Electricity plants	2	-	-	-	1689	-	296	2	-	-
CHP plants	20	-	-	113	3316	-	301	-	-	-
Heat plants	16	-	-	-	1675	-	2	66	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	86	221	-	100	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**5**	**-**	**123**	**135**	**663**	**-**	**11**	**-**	**9496**	**10319**
Fuel mining and extraction	2	-	-	-	1	-	-	-	1926	140
Oil refineries	2	-	123	-	2	-	-	-	1076	3418
Elec., CHP and heat plants	1	-	-	-	660	-	11	-	4977	5747
Pumped storage plants	-	-	-	-	-	-	-	-	616	-
Other energy ind. own use	-	-	-	135	-	-	-	-	901	1014
Losses	-	-	-	-	1	-	3	-	7097	15425
FINAL CONSUMPTION	**16**	**-**	**574**	**567**	**143648**	**207**	**197**	**2939**	**41905**	**53131**
INDUSTRY	**13**	**-**	**322**	**-**	**10791**	**-**	**197**	**2656**	**19855**	**11040**
Iron and steel	-	-	-	-	1	-	-	43	5375	247
Chemical and petrochemical	1	-	-	-	82	-	88	802	3314	7404
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	2	-	322	-	1990	-	-	1387	1903	103
Transport equipment	-	-	-	-	-	-	-	-	1397	452
Machinery	-	-	-	-	170	-	-	3	2024	705
Mining and quarrying	2	-	-	-	25	-	-	-	200	1
Food and tobacco	3	-	-	-	1320	-	45	417	1769	1218
Paper, pulp and print	-	-	-	-	63	-	-	2	553	28
Wood and wood products	-	-	-	-	6020	-	-	1	912	337
Construction	5	-	-	-	113	-	-	-	483	208
Textile and leather	-	-	-	-	91	-	-	1	851	146
Non-specified	-	-	-	-	916	-	64	-	1074	191
TRANSPORT	**-**	**-**	**-**	**-**	**13**	**207**	**-**	**-**	**1062**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	207	-	-	46	-
Rail	-	-	-	-	13	-	-	-	996	-
Pipeline transport	-	-	-	-	-	-	-	-	20	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**3**	**-**	**-**	**-**	**132844**	**-**	**-**	**283**	**20988**	**42091**
Residential	-	-	-	-	130588	-	-	-	11910	33457
Comm. and public services	3	-	-	-	-	-	-	283	8223	7760
Agriculture/forestry	-	-	-	-	258	-	-	-	853	874
Fishing	-	-	-	-	-	-	-	-	2	-
Non-specified	-	-	-	-	1998	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**252**	**567**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	252	510	-	-	-	-	-	-
of which: chem./petrochem.	-	-	*21*	*13*	-	-	-	-	-	-
in transport	-	-	-	35	-	-	-	-	-	-
in other	-	-	-	22	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	76318	187724 e	-	68893	39518	-	-	261799	221178	1149	24082912
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	1181	24110 e	-	1552	150	-	-	-	-	9	328549
Exports	-21082	-132018	-	-2404	-2528	-	-	-	-	-68	-7247337
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-2390	-	-785 e	-155	-	-	-	-	755	130976
DOMESTIC SUPPLY	**56417**	**77426**	**-**	**67256**	**36985**	**-**	**-**	**261799**	**221178**	**1845**	**17295100**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-1293	-	-	8	-	-	-	-	-	76998
TRANSFORMATION	**56417**	**68716**	**-**	**65669**	**36746**	**-**	**-**	**71450**	**59458**	**1771**	**10410392**
Electricity plants	-	-	-	-	-	-	-	-	-	-	117891
CHP plants	-	50599	-	57467	-	-	-	69246	52344	1108	7638007
Heat plants	-	14097	-	8202 e	8	-	-	2204	7114	570	2559859
Blast furnaces	-	4020	-	-	36738	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	56417	-	-	-	-	-	-	-	-	93	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	94635
ENERGY IND. OWN USE	**-**	**1304**	**-**	**104**	**-**	**-**	**-**	**47680**	**4403**	**21**	**528349**
Fuel mining and extraction	-	684	-	104	-	-	-	-	-	-	396167
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	620	-	-	-	-	-	-	-	21	53490
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	47680	4403	-	78692
Losses	-	-	-	-	-	-	-	-	-	-	218143
FINAL CONSUMPTION	**-**	**6113**	**-**	**1483**	**247**	**-**	**-**	**142669**	**157317**	**53**	**6215214**
INDUSTRY	**-**	**2076**	**-**	**177**	**247**	**-**	**-**	**142669**	**157317**	**-**	**1700267**
Iron and steel	-	-	-	-	-	-	-	141045	157317	-	603341
Chemical and petrochemical	-	176	-	-	10	-	-	-	-	-	261473
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	1579	-	38	116	-	-	914	-	-	495225
Transport equipment	-	21	-	11	42	-	-	-	-	-	27667
Machinery	-	57	-	1	8	-	-	710	-	-	56792
Mining and quarrying	-	-	-	89	65	-	-	-	-	-	45750
Food and tobacco	-	141	-	1	3	-	-	-	-	-	76154
Paper, pulp and print	-	6	-	-	-	-	-	-	-	-	12975
Wood and wood products	-	-	-	-	-	-	-	-	-	-	5788
Construction	-	94	-	35	-	-	-	-	-	-	105004
Textile and leather	-	-	-	-	-	-	-	-	-	-	2325
Non-specified	-	2	-	2	3	-	-	-	-	-	7773
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1179492**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	2296
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	1177196
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**3719**	**-**	**1306**	**-**	**-**	**-**	**-**	**-**	**53**	**1895697**
Residential	-	1967	-	858	-	-	-	-	-	53	1759740
Comm. and public services	-	1616	-	424	-	-	-	-	-	-	95802
Agriculture/forestry	-	133	-	23	-	-	-	-	-	-	40132
Fishing	-	3	-	1	-	-	-	-	-	-	23
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**318**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1439758**
in industry/transf./energy	-	318	-	-	-	-	-	-	-	-	1439758
of which: chem./petrochem.	-	*318*	-	-	-	-	-	-	-	-	*1439758*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	503092	23034	-	-	14323	18227	38935 e	13583	-	77001
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	756	721	-	-	-	138	1059	38	-	89
Exports	-222846	-592	-	-	-	-3391	-3657	-2479	-	-40308
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-8585
Intl. aviation bunkers	-	-	-	-	-	-	-	-5513 e	-	-
Stock changes	-4656	-8	-	-	-	173	166	-	-	-19
DOMESTIC SUPPLY	**276346**	**23155**	**-**	**-**	**14323**	**15147**	**36503**	**5629**	**-**	**28178**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	129	-	-	-	-	-	-78	-105	-	2937
TRANSFORMATION	**270302**	**23155**	**-**	**-**	**641**	**25**	**-**	**-**	**-**	**2015**
Electricity plants	-	-	-	-	-	-	-	-	-	698
CHP plants	7	-	-	-	42	-	-	-	-	662
Heat plants	605	-	-	-	599	25	-	-	-	655
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	269690	23155	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**87**	**-**	**-**	**-**	**7876**	**86**	**-**	**-**	**-**	**2772**
Fuel mining and extraction	87	-	-	-	21	6	-	-	-	2234
Oil refineries	-	-	-	-	7855	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	538
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	80	-	-	-	-
Losses	5976	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**110**	**-**	**-**	**-**	**5806**	**15036**	**36425**	**5524**	**-**	**26328**
INDUSTRY	**32**	**-**	**-**	**-**	**5806**	**330**	**-**	**-**	**-**	**3275**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	28	-	-	-	5806	197	-	-	-	123
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	1	-	-	-	-	20	-	-	-	64 e
Transport equipment	-	-	-	-	-	13	-	-	-	144
Machinery	-	-	-	-	-	5	-	-	-	129
Mining and quarrying	-	-	-	-	-	-	-	-	-	1312
Food and tobacco	3	-	-	-	-	40	-	-	-	476
Paper, pulp and print	-	-	-	-	-	3	-	-	-	88
Wood and wood products	-	-	-	-	-	1	-	-	-	111
Construction	-	-	-	-	-	48	-	-	-	815
Textile and leather	-	-	-	-	-	-	-	-	-	13
Non-specified	-	-	-	-	-	3	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**364**	**36425**	**5524**	**-**	**15379**
Domestic aviation	-	-	-	-	-	-	-	5524 e	-	-
Road	-	-	-	-	-	351	36086 e	-	-	12736
Rail	-	-	-	-	-	-	65	-	-	1460
Pipeline transport	-	-	-	-	-	2	58	-	-	187
Domestic navigation	-	-	-	-	-	-	23	-	-	452
Non-specified	-	-	-	-	-	11	193	-	-	544
OTHER	**78**	**-**	**-**	**-**	**-**	**6039**	**-**	**-**	**-**	**7674**
Residential	-	-	-	-	-	5598	-	-	-	1988
Comm. and public services	-	-	-	-	-	387	-	-	-	1795
Agriculture/forestry	13	-	-	-	-	54	-	-	-	3651
Fishing	-	-	-	-	-	-	-	-	-	240
Non-specified	65	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**8303**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	8303	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*8303*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	82109	25202	2736	11212	115921	-	-	179858	1064207	5533164
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	5	9	523	409	88	-	-	-	6623	-
Exports	-66245 e	-495	-25	-1393	-410	-	-	-	-14671	-
Intl. marine bunkers	-6469	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-350	-9	-1	1	32	-	-	630	-	-
DOMESTIC SUPPLY	**9050**	**24707**	**3233**	**10229**	**115631**	**-**	**-**	**180488**	**1056159**	**5533164**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	2758	-	-	-3	322	-	-	-	-	-
TRANSFORMATION	**7746**	**-**	**-**	**-**	**32540**	**-**	**-**	**150465**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	2244	-	-	-	856	-	-	82455	-	-
Heat plants	5502	-	-	-	31684	-	-	68010	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**2127**	**-**	**-**	**-**	**-**	**-**	**-**	**7136**	**211762**	**542594**
Fuel mining and extraction	-	-	-	-	-	-	-	-	105794	153132
Oil refineries	-	-	-	-	-	-	-	7136	20446	286347
Elec., CHP and heat plants	140	-	-	-	-	-	-	-	69550	-
Pumped storage plants	-	-	-	-	-	-	-	-	2918	-
Other energy ind. own use	1987	-	-	-	-	-	-	-	13054	103115
Losses	-	-	-	-	-	-	-	-	106567	408050
FINAL CONSUMPTION	**1935**	**24707**	**3233**	**10226**	**83413**	**-**	**-**	**22887**	**737830**	**4582520**
INDUSTRY	**737**	**-**	**3233**	**-**	**3371**	**-**	**-**	**16931**	**333701**	**1570995**
Iron and steel	322	-	-	-	79	-	-	5741	62010	269047
Chemical and petrochemical	19	-	-	-	240	-	-	1519	46079	469162
Non-ferrous metals	-	-	-	-	-	-	-	-	94108	-
Non-metallic minerals	23	-	-	-	18	-	-	451	19882	103898
Transport equipment	46	-	-	-	28	-	-	120	12935	85581
Machinery	67	-	-	-	16	-	-	153	18026	135973
Mining and quarrying	15	-	-	-	435	-	-	422	24241	40216
Food and tobacco	37	-	-	-	387	-	-	1079	15303	172546
Paper, pulp and print	122	-	-	-	1203	-	-	1186	19782	158745
Wood and wood products	18	-	-	-	736	-	-	5931	4032	45239
Construction	68	-	-	-	88	-	-	-	12777	43109
Textile and leather	-	-	-	-	6	-	-	79	3057	12459
Non-specified	-	-	3233	-	135	-	-	250	1469	35020
TRANSPORT	**398**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**90256**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	44	-	-	-	-	-	-	-	49950	-
Pipeline transport	3	-	-	-	-	-	-	-	22968	-
Domestic navigation	224	-	-	-	-	-	-	-	-	-
Non-specified	127	-	-	-	-	-	-	-	17338	-
OTHER	**800**	**-**	**-**	**-**	**80042**	**-**	**-**	**5956**	**313873**	**3011525**
Residential	35	-	-	-	41302	-	-	-	145919	2200043
Comm. and public services	251	-	-	-	33757	-	-	4164	151774	713486
Agriculture/forestry	2	-	-	-	4965	-	-	1792	15916	97618
Fishing	512	-	-	-	18	-	-	-	264	378
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**24707**	**-**	**10226**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	24707	-	10226	-	-	-	-	-	-
of which: chem./petrochem.	-	*24707*	-	*2189*	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	3234801
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3234801**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1801750**
Electricity plants	-	-	-	-	-	-	-	-	-	-	1801750
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**129392**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	129392
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1303659**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1091051**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	1091051
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**212608**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	212608
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*212608*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	484110	56893	-	-	2570	1394	18867	3689	6209	36842
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	6766	-	-	11474
Exports	-353920	-212	-	-	-	-22871	-2027	-630	-5913	-11758
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-2294	-	-
Stock changes	2844	-	-	-	-	-4	-1249	-	86	297
DOMESTIC SUPPLY	**133034**	**56681**	**-**	**-**	**2570**	**-21481**	**22357**	**765**	**382**	**36855**
Transfers	-	-47069	-	-	-	36845	-	-	-	-
Statistical differences	-5419	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**122483**	**9612**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**12585**
Electricity plants	22515	-	-	-	-	-	-	-	-	12585
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	99968	9612	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**13**	**-**	**-**	**-**	**2570**	**319**	**-**	**-**	**-**	**1839**
Fuel mining and extraction	-	-	-	-	-	319	-	-	-	1839
Oil refineries	13	-	-	-	2570	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**5119**	**-**	**-**	**-**	**-**	**15045**	**22357**	**765**	**382**	**22431**
INDUSTRY	**5119**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3895**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	5119	-	-	-	-	-	-	-	-	3895
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**22357**	**765**	**-**	**18536**
Domestic aviation	-	-	-	-	-	-	-	765	-	-
Road	-	-	-	-	-	-	22357	-	-	18536
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**990**	**-**	**-**	**382**	**-**
Residential	-	-	-	-	-	990	-	-	382	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**14055**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	14055	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*14055*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	26378	8267	-	3215	-	-	-	-	311806	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	3305	-	-	2046	282	-	-	-	-	-
Exports	-5800	-16042	-	-	-	-	-	-	-	-
Intl. marine bunkers	-3224	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	140	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**20799**	**-7775**	**-**	**5261**	**282**	**-**	**-**	**-**	**311806**	**-**
Transfers	-	10224	-	-	-	-	-	-	-	-
Statistical differences	1	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**6495**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	6495	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**1902**	**-**	**-**	**287**	**-**	**-**	**-**	**-**	**18547**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	1902	-	-	287	-	-	-	-	10981	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	7566	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	21144	-
FINAL CONSUMPTION	**12403**	**2449**	**-**	**4974**	**282**	**-**	**-**	**-**	**272115**	**-**
INDUSTRY	**12403**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**48442**	**-**
Iron and steel	-	-	-	-	-	-	-	-	6457	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	13704	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	704	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	416	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	12403	-	-	-	-	-	-	-	27161	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**282**	**-**	**-**	**-**	**223673**	**-**
Residential	-	-	-	-	282	-	-	-	135908	-
Comm. and public services	-	-	-	-	-	-	-	-	82549	-
Agriculture/forestry	-	-	-	-	-	-	-	-	4577	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	639	-
NON-ENERGY USE	**-**	**2449**	**-**	**4974**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	2449	-	4974	-	-	-	-	-	-
of which: chem./petrochem.	-	*2449*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	1807
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	367	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-216
DOMESTIC SUPPLY	**-**	**367**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1591**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1591**
Electricity plants	-	-	-	-	-	-	-	-	-	-	1591
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**367**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**367**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	367	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	16	1	30	13	2	472
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	903	-	-	-	-	105	58	248	-	476
Exports	-	-	-	-	-	-	-41	-	-	-85
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-70
Intl. aviation bunkers	-	-	-	-	-	-	-	-262	-	-
Stock changes	-	-	-	-	-	-	-	3	-	-
DOMESTIC SUPPLY	**903**	**-**	**-**	**-**	**16**	**106**	**47**	**2**	**2**	**793**
Transfers	-	-	-	-	-	-	97	-2	2	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**903**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**144**
Electricity plants	-	-	-	-	-	-	-	-	-	144
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	903	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**16**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	16	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**106**	**144**	**-**	**4**	**649**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**4**	**-**	**-**	**-**	**21**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	4	-	-	-	21
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**144**	**-**	**-**	**619**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	106	-	-	619
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	38	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**102**	**-**	**-**	**4**	**9**
Residential	-	-	-	-	-	97	-	-	4	-
Comm. and public services	-	-	-	-	-	5	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	9
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	179	89	-	-	74870	-	-	-	3729	731
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	436	-	-	107	-	-	-	-	-	-
Exports	-4	-	-	-51	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	8	8	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**619**	**97**	**-**	**56**	**74870**	**-**	**-**	**-**	**3729**	**731**
Transfers	-	-97	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**563**	**-**	**-**	**-**	**28716**	**-**	**-**	**-**	**-**	**731**
Electricity plants	563	-	-	-	1435	-	-	-	-	731
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	27281	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**41**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	41	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	478	-
FINAL CONSUMPTION	**56**	**-**	**-**	**56**	**46154**	**-**	**-**	**-**	**3210**	**-**
INDUSTRY	**56**	**-**	**-**	**-**	**1786**	**-**	**-**	**-**	**887**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	201	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	17	-	-	-	-	-	-	-	460	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	776	-	-	-	-	-
Food and tobacco	1	-	-	-	1010	-	-	-	153	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	34	-
Textile and leather	-	-	-	-	-	-	-	-	21	-
Non-specified	38	-	-	-	-	-	-	-	18	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**44368**	**-**	**-**	**-**	**2323**	**-**
Residential	-	-	-	-	44368	-	-	-	1064	-
Comm. and public services	-	-	-	-	-	-	-	-	817	-
Agriculture/forestry	-	-	-	-	-	-	-	-	18	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	424	-
NON-ENERGY USE	**-**	**-**	**-**	**56**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	56	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	30011	-	271	-	-	4821	-	20639
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	160	-	460	290	4	-	-	-	-	51661
Exports	-	-	-	-14	-	-39	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	8	-	233	-1	40	-	-	-	-	2548
DOMESTIC SUPPLY	**-**	**168**	**-**	**30690**	**289**	**276**	**-**	**-**	**4821**	**-**	**74848**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**37**	**-**	**29680**	**261**	**26**	**-**	**-**	**1841**	**-**	**31712**
Electricity plants	-	-	-	13814	-	-	-	-	-	-	-
CHP plants	-	-	-	14975	-	22	-	-	1841	-	7087
Heat plants	-	-	-	385	-	4	-	-	-	-	19754
Blast furnaces	-	37	-	-	261	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	506	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	4871
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6799**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	2920
Oil refineries	-	-	-	-	-	-	-	-	-	-	3661
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	218
Losses	-	-	-	1	-	-	-	-	1027	-	674
FINAL CONSUMPTION	**-**	**131**	**-**	**1009**	**28**	**250**	**-**	**-**	**1953**	**-**	**35663**
INDUSTRY	**-**	**91**	**-**	**373**	**26**	**108**	**-**	**-**	**1953**	**-**	**17991**
Iron and steel	-	24	-	-	16	-	-	-	1953	-	1542
Chemical and petrochemical	-	-	-	30	-	21	-	-	-	-	2605
Non-ferrous metals	-	2	-	2	-	-	-	-	-	-	241
Non-metallic minerals	-	55	-	105	7	14	-	-	-	-	1333
Transport equipment	-	-	-	-	-	-	-	-	-	-	343
Machinery	-	1	-	3	-	-	-	-	-	-	1822
Mining and quarrying	-	-	-	10	-	-	-	-	-	-	11
Food and tobacco	-	7	-	193	3	53	-	-	-	-	8058
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	1252
Wood and wood products	-	1	-	2	-	-	-	-	-	-	88
Construction	-	-	-	1	-	-	-	-	-	-	-
Textile and leather	-	1	-	10	-	-	-	-	-	-	237
Non-specified	-	-	-	17	-	20	-	-	-	-	459
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**327**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	245
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	82
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**636**	**-**	**142**	**-**	**-**	**-**	**-**	**13113**
Residential	-	-	-	463	-	130	-	-	-	-	6631
Comm. and public services	-	-	-	173	-	12	-	-	-	-	5289
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	1193
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**40**	**-**	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**4232**
in industry/transf./energy	-	40	-	-	2	-	-	-	-	-	4232
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*4232*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	1108	36	-	8	50	158	464	109	-	1172
From other sources	27	-	107	-	-	-	-	-	-	-
Imports	1435	60	257	12	-	161	53	1	-	434
Exports	-	-	-	-4	-	-16	-120	-40	-	-59
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-15
Intl. aviation bunkers	-	-	-	-	-	-	-	-67	-	-
Stock changes	71	-	-	1	-	-4	-2	-1	-	6
DOMESTIC SUPPLY	**2641**	**96**	**364**	**17**	**50**	**299**	**395**	**2**	**-**	**1538**
Transfers	-	-	14	-	-	-	-	-2	-	22
Statistical differences	-	-	-	-	-	-	-	-	-	-1
TRANSFORMATION	**2641**	**96**	**378**	**17**	**-**	**4**	**-**	**-**	**-**	**25**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	4	-	-	-	25
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	2641	96	378	17	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**50**	**-**	**-**	**-**	**-**	**2**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	50	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	2
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**295**	**395**	**-**	**-**	**1532**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**25**	**11**	**-**	**-**	**125**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	1	-	-	-	21
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	2	-	-	-	8
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	1	5	-	-	24
Mining and quarrying	-	-	-	-	-	1	-	-	-	5
Food and tobacco	-	-	-	-	-	10	1	-	-	40
Paper, pulp and print	-	-	-	-	-	1	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	1	-	-	18
Textile and leather	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	9	4	-	-	8
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**217**	**384**	**-**	**-**	**1294**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	217	384	-	-	1278
Rail	-	-	-	-	-	-	-	-	-	9
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	7
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**53**	**-**	**-**	**-**	**113**
Residential	-	-	-	-	-	35	-	-	-	3
Comm. and public services	-	-	-	-	-	15	-	-	-	17
Agriculture/forestry	-	-	-	-	-	3	-	-	-	93
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	366	351	13	427	46518	-	215	34	34060	30694
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	3	4	106	94	272	-	-	-	7008	-
Exports	-140	-32	-	-251	-2514	-	-	-	-5445	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	12	-4	-	-10	-485	-	-	-	-	-
DOMESTIC SUPPLY	**241**	**319**	**119**	**260**	**43791**	**-**	**215**	**34**	**35623**	**30694**
Transfers	-	-	-	-34	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**82**	**107**	**-**	**-**	**735**	**-**	**126**	**34**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	8	-	-	-	78	-	126	34	-	-
Heat plants	74	-	-	-	90	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	107	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	567	-	-	-	-	-
ENERGY IND. OWN USE	**36**	**-**	**13**	**12**	**-**	**-**	**-**	**-**	**4302**	**1753**
Fuel mining and extraction	-	-	-	-	-	-	-	-	623	-
Oil refineries	13	-	13	12	-	-	-	-	236	-
Elec., CHP and heat plants	23	-	-	-	-	-	-	-	2161	1313
Pumped storage plants	-	-	-	-	-	-	-	-	898	-
Other energy ind. own use	-	-	-	-	-	-	-	-	384	440
Losses	-	-	-	-	32	-	-	-	5163	2951
FINAL CONSUMPTION	**123**	**212**	**106**	**214**	**43024**	**-**	**89**	**-**	**26158**	**25990**
INDUSTRY	**88**	**-**	**106**	**24**	**5349**	**-**	**5**	**-**	**7156**	**8100**
Iron and steel	-	-	-	-	42	-	-	-	551	410
Chemical and petrochemical	15	-	-	24	184	-	-	-	894	4572
Non-ferrous metals	2	-	-	-	49	-	-	-	336	197
Non-metallic minerals	6	-	106	-	376	-	-	-	571	79
Transport equipment	-	-	-	-	35	-	-	-	259	-
Machinery	45	-	-	-	441	-	-	-	708	92
Mining and quarrying	-	-	-	-	25	-	-	-	854	-
Food and tobacco	15	-	-	-	1661	-	5	-	1418	844
Paper, pulp and print	-	-	-	-	403	-	-	-	413	800
Wood and wood products	2	-	-	-	41	-	-	-	121	7
Construction	1	-	-	-	10	-	-	-	306	-
Textile and leather	1	-	-	-	709	-	-	-	292	13
Non-specified	1	-	-	-	1373	-	-	-	433	1086
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**336**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	336	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**35**	**-**	**-**	**-**	**37675**	**-**	**84**	**-**	**18666**	**17890**
Residential	1	-	-	-	35680	-	-	-	13802	14991
Comm. and public services	34	-	-	-	1846	-	61	-	4566	2899
Agriculture/forestry	-	-	-	-	149	-	23	-	298	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**212**	**-**	**190**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	212	-	177	-	-	-	-	-	-
of which: chem./petrochem.	-	*212*	-	*19*	-	-	-	-	-	-
in transport	-	-	-	13	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	632	-	-	11	-	-	-	-	-	431961
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-4103
DOMESTIC SUPPLY	**-**	**632**	**-**	**-**	**11**	**-**	**-**	**-**	**-**	**-**	**427858**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	7630
TRANSFORMATION	**-**	**372**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**375434**
Electricity plants	-	372	-	-	-	-	-	-	-	-	375434
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**539**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	539
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**260**	**-**	**-**	**11**	**-**	**-**	**-**	**-**	**-**	**59515**
INDUSTRY	**-**	**260**	**-**	**-**	**11**	**-**	**-**	**-**	**-**	**-**	**52421**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	279
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	260	-	-	11	-	-	-	-	-	52142
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**806**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	806
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6288**
Residential	-	-	-	-	-	-	-	-	-	-	2465
Comm. and public services	-	-	-	-	-	-	-	-	-	-	3788
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	35
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	2790	317	10637	9598	172	10605
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	41563	-	-	-	-	9	13823	1917	7	16603
Exports	-573	-	-	-	-	-211	-23607	-4743	-179	-21889
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-1313
Intl. aviation bunkers	-	-	-	-	-	-	-	-6772	-	-
Stock changes	-153	-	-	-	-	-	-1	-	-	-18
DOMESTIC SUPPLY	**40837**	**-**	**-**	**-**	**2790**	**115**	**852**	**-**	**-**	**3988**
Transfers	-	-	7246	-	-	-	-	-	-	-2415
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**40837**	**-**	**7246**	**-**	**169**	**-**	**-**	**-**	**-**	**2**
Electricity plants	-	-	-	-	169	-	-	-	-	2
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	40837	-	7246	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**1207**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	1207	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**1414**	**115**	**852**	**-**	**-**	**1571**
INDUSTRY	**-**	**-**	**-**	**-**	**1414**	**19**	**-**	**-**	**-**	**264**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	1414	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	19	-	-	-	264
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**852**	**-**	**-**	**1307**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	852	-	-	1235
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	72
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**96**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	25	-	-	-	-
Comm. and public services	-	-	-	-	-	71	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	2528	2168	122	6486	-	-	-	27064	49380	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	67895	8294	2	1205	1859	-	-	-	-	-
Exports	-25409	-419	-1	-7106	-	-	-	-	-	-
Intl. marine bunkers	-41104	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-86	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**3824**	**10043**	**123**	**585**	**1859**	**-**	**-**	**27064**	**49380**	**-**
Transfers	-2415	-2415	-	-	-	-	-	-	-	-
Statistical differences	-	-1953	1	-	-	-	-	-	-	-
TRANSFORMATION	**64**	**-**	**-**	**-**	**1859**	**-**	**-**	**27064**	**-**	**-**
Electricity plants	64	-	-	-	1859	-	-	27064	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**459**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1975**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	459	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	1975	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1002	-
FINAL CONSUMPTION	**886**	**5675**	**124**	**585**	**-**	**-**	**-**	**-**	**46403**	**-**
INDUSTRY	**886**	**-**	**124**	**-**	**-**	**-**	**-**	**-**	**18555**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	822	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	527	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	64	-	124	-	-	-	-	-	18028	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2441**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	2441	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**25407**	**-**
Residential	-	-	-	-	-	-	-	-	6924	-
Comm. and public services	-	-	-	-	-	-	-	-	18245	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	238	-
NON-ENERGY USE	**-**	**5675**	**-**	**585**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	5675	-	585	-	-	-	-	-	-
of which: chem./petrochem.	-	*5675*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	3448	257092	-	-	2111	-	71909	22657	22375	-	40425
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	853	-	-	-	-	-	-	-	-	-	138651
Exports	-783	-68246	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	492	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**3518**	**189338**	**-**	**-**	**2111**	**-**	**71909**	**22657**	**22375**	**-**	**179076**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	8008	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**3518**	**150003**	**-**	**-**	**2111**	**-**	**-**	**-**	**-**	**-**	**99998**
Electricity plants	-	130836	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	2111	-	-	-	-	-	-
Gas works	-	8913	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	3518	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	10254	-	-	-	-	-	-	-	-	99998
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**21094**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	21094	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**26249**	**-**	**-**	**-**	**-**	**71909**	**22657**	**22375**	**-**	**79078**
INDUSTRY	**-**	**13637**	**-**	**-**	**-**	**-**	**70652**	**22657**	**22375**	**-**	**78995**
Iron and steel	-	3225	-	-	-	-	14812	22657	22375	-	10972
Chemical and petrochemical	-	16	-	-	-	-	39849	-	-	-	43406
Non-ferrous metals	-	1806	-	-	-	-	-	-	-	-	644
Non-metallic minerals	-	1261	-	-	-	-	5304	-	-	-	14602
Transport equipment	-	-	-	-	-	-	-	-	-	-	628
Machinery	-	-	-	-	-	-	1569	-	-	-	1173
Mining and quarrying	-	160	-	-	-	-	1955	-	-	-	-
Food and tobacco	-	-	-	-	-	-	942	-	-	-	3008
Paper, pulp and print	-	-	-	-	-	-	2104	-	-	-	980
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	11
Non-specified	-	7169	-	-	-	-	4117	-	-	-	3571
TRANSPORT	**-**	**17**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	8
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	17	-	-	-	-	-	-	-	-	-
OTHER	**-**	**10358**	**-**	**-**	**-**	**-**	**1257**	**-**	**-**	**-**	**75**
Residential	-	5742	-	-	-	-	-	-	-	-	-
Comm. and public services	-	2846	-	-	-	-	1257	-	-	-	75
Agriculture/forestry	-	563	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	1207	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**2237**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	2237	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	*2237*	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	85	147	-	-	664	215	5771	1568	446	7000
From other sources	5009	-	-	-	-	-	-	-	-	-
Imports	21906	-	-	-	-	25	851	259	-	4347
Exports	-	-	-	-	-	-33	-758	-66	-1	-1313
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-1523
Intl. aviation bunkers	-	-	-	-	-	-	-	-841	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**27000**	**147**	**-**	**-**	**664**	**207**	**5864**	**920**	**445**	**8511**
Transfers	-5009	-	-	-	-	-	2195	118	-	2696
Statistical differences	-	-	-	-	-	44	-	-	-26	-
TRANSFORMATION	**21991**	**147**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**45**
Electricity plants	-	-	-	-	-	-	-	-	-	45
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	21991	147	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**664**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	664	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**251**	**8059**	**1038**	**419**	**11162**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**17**	**-**	**19**	**1428**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	12	-	10	1311
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	5	-	9	117
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**5**	**7867**	**1038**	**1**	**8038**
Domestic aviation	-	-	-	-	-	-	-	1038	-	-
Road	-	-	-	-	-	-	7827	-	1	7942
Rail	-	-	-	-	-	-	14	-	-	81
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	5	26	-	-	15
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**246**	**175**	**-**	**399**	**1696**
Residential	-	-	-	-	-	214	11	-	215	22
Comm. and public services	-	-	-	-	-	32	6	-	89	34
Agriculture/forestry	-	-	-	-	-	-	121	-	95	997
Fishing	-	-	-	-	-	-	1	-	-	90
Non-specified	-	-	-	-	-	-	36	-	-	553
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	3124	-	-	921	661572	-	-	-	252578	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	58	-	-	2199	-	-	-	-	11177	-
Exports	-1495	-	-	-171	-12197	-	-	-	-13836	-
Intl. marine bunkers	-1080	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**607**	**-**	**-**	**2949**	**649375**	**-**	**-**	**-**	**249919**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	2	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**173842**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	4363	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	169479	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**30886**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	3307	-
Oil refineries	-	-	-	-	-	-	-	-	9105	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	14306	-
Pumped storage plants	-	-	-	-	-	-	-	-	4168	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	20940	-
FINAL CONSUMPTION	**607**	**-**	**-**	**2951**	**475533**	**-**	**-**	**-**	**198093**	**-**
INDUSTRY	**573**	**-**	**-**	**-**	**82400**	**-**	**-**	**-**	**120260**	**-**
Iron and steel	-	-	-	-	-	-	-	-	3698	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	11314	-
Non-ferrous metals	-	-	-	-	-	-	-	-	16797	-
Non-metallic minerals	-	-	-	-	-	-	-	-	2532	-
Transport equipment	-	-	-	-	-	-	-	-	43	-
Machinery	-	-	-	-	-	-	-	-	42	-
Mining and quarrying	20	-	-	-	-	-	-	-	30609	-
Food and tobacco	-	-	-	-	-	-	-	-	715	-
Paper, pulp and print	-	-	-	-	-	-	-	-	1611	-
Wood and wood products	-	-	-	-	-	-	-	-	282	-
Construction	4	-	-	-	-	-	-	-	107	-
Textile and leather	-	-	-	-	-	-	-	-	124	-
Non-specified	549	-	-	-	82400	-	-	-	52386	-
TRANSPORT	**7**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3773**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	6	-	-	-	-	-	-	-	29	-
Rail	1	-	-	-	-	-	-	-	3172	-
Pipeline transport	-	-	-	-	-	-	-	-	76	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	496	-
OTHER	**27**	**-**	**-**	**-**	**393133**	**-**	**-**	**-**	**74060**	**-**
Residential	-	-	-	-	393133	-	-	-	37777	-
Comm. and public services	8	-	-	-	-	-	-	-	27455	-
Agriculture/forestry	3	-	-	-	-	-	-	-	5562	-
Fishing	11	-	-	-	-	-	-	-	-	-
Non-specified	5	-	-	-	-	-	-	-	3266	-
NON-ENERGY USE	**-**	**-**	**-**	**2951**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	2951	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	7775	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	2	49	48	2	408
Exports	-7760	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-37	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**15**	**-**	**-**	**-**	**-**	**2**	**49**	**11**	**2**	**408**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-2	-	-9
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**130**
Electricity plants	-	-	-	-	-	-	-	-	-	130
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**15**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	15	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**2**	**49**	**9**	**2**	**269**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	3
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**47**	**9**	**-**	**254**
Domestic aviation	-	-	-	-	-	-	-	9	-	-
Road	-	-	-	-	-	-	47	-	-	254
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**2**	**2**	**-**	**2**	**12**
Residential	-	-	-	-	-	2	-	-	2	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	12
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	2	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	8138	-	-	-	488	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**8138**	**-**	**-**	**-**	**488**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-57	-	-	-	-12	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**1269**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	1269	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**15**	**-**	**-**	**-**	**19**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	19	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	15	-	-	-	-	-
Losses	-	-	-	-	15	-	-	-	28	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**6782**	**-**	**-**	**-**	**429**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**6782**	**-**	**-**	**-**	**429**	**-**
Residential	-	-	-	-	6231	-	-	-	201	-
Comm. and public services	-	-	-	-	521	-	-	-	154	-
Agriculture/forestry	-	-	-	-	30	-	-	-	74	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	1607	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-145	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**1462**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**1364**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	1364	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**98**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**98**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	98	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	15	28	152	168	65	496
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1824	-	-	-	-	198	585	235	-	1394
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-88
Intl. aviation bunkers	-	-	-	-	-	-	-	-458	-	-
Stock changes	-	-	-	-	-	5	99	58	57	97
DOMESTIC SUPPLY	**1824**	**-**	**-**	**-**	**15**	**231**	**836**	**3**	**122**	**1899**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-3	-	-
TRANSFORMATION	**1824**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**263**
Electricity plants	-	-	-	-	-	-	-	-	-	263
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	1824	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**15**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	15	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**231**	**836**	**-**	**122**	**1636**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**32**	**-**	**-**	**13**	**56**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	32	-	-	13	56
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**1**	**836**	**-**	**-**	**1578**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	1	836	-	-	1572
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	6
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**198**	**-**	**-**	**109**	**2**
Residential	-	-	-	-	-	159	-	-	-	-
Comm. and public services	-	-	-	-	-	39	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	2
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	109	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	641	117	-	3	205624	-	-	-	12461	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	348	-	-	56	-	-	-	-	-	-
Exports	-	-21	-	-	-	-	-	-	-	-
Intl. marine bunkers	-338	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	123	2	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**774**	**98**	**-**	**59**	**205624**	**-**	**-**	**-**	**12461**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-1	1	-	-	-	371	-
TRANSFORMATION	**576**	**98**	**-**	**-**	**2853**	**-**	**-**	**-**	**-**	**-**
Electricity plants	576	98	-	-	1137	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	1716	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**408**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	408	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1426	-
FINAL CONSUMPTION	**198**	**-**	**-**	**58**	**202772**	**-**	**-**	**-**	**10998**	**-**
INDUSTRY	**129**	**-**	**-**	**-**	**71350**	**-**	**-**	**-**	**3758**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	129	-	-	-	71350	-	-	-	3758	-
TRANSPORT	**66**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	28	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	38	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**3**	**-**	**-**	**-**	**131422**	**-**	**-**	**-**	**7240**	**-**
Residential	-	-	-	-	125841	-	-	-	4366	-
Comm. and public services	-	-	-	-	5581	-	-	-	2873	-
Agriculture/forestry	3	-	-	-	-	-	-	-	1	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**58**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	56	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	2	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [2]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Please refer to section 'Geographical Coverage'.
2. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [4]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [5]	Aviation fuels [6]	Other kerosene	Gas / Diesel [5]
Production	6000	-	-	-	21	310	1085	120	3	1686
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	161	40	124	-	476
Exports	-1788	-	-	-	-	-1	-302	-	-	-15
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-20
Intl. aviation bunkers	-	-	-	-	-	-	-	-244	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**4212**	**-**	**-**	**-**	**21**	**470**	**823**	**-**	**3**	**2127**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**4212**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**265**
Electricity plants	-	-	-	-	-	-	-	-	-	265
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	4212	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**21**	**-**	**-**	**-**	**-**	**40**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	40
Oil refineries	-	-	-	-	21	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**470**	**823**	**-**	**3**	**1822**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**16**	**-**	**-**	**-**	**113**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	8
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	76
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	26
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	16	-	-	-	3
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**823**	**-**	**-**	**1668**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	823	-	-	1649
Rail	-	-	-	-	-	-	-	-	-	17
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	2
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**454**	**-**	**-**	**3**	**41**
Residential	-	-	-	-	-	173	-	-	3	-
Comm. and public services	-	-	-	-	-	115	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	41
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	166	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

3. Please refer to section 'Geographical Coverage'.
4. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
5. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
6. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [8] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	403	17	358	-	396179	-	-	-	11376	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	26	-	-	228	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**429**	**17**	**358**	**228**	**396179**	**-**	**-**	**-**	**11376**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	14	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**373**	**-**	**-**	**-**	**157872**	**-**	**-**	**-**	**-**	**-**
Electricity plants	373	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	157872	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**41**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	41	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1625	-
FINAL CONSUMPTION	**70**	**17**	**358**	**228**	**238307**	**-**	**-**	**-**	**9710**	**-**
INDUSTRY	**70**	**-**	**358**	**-**	**34436**	**-**	**-**	**-**	**1628**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	13	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	43	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	7	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	7	-	358	-	34436	-	-	-	1628	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**203872**	**-**	**-**	**-**	**8082**	**-**
Residential	-	-	-	-	157336	-	-	-	5303	-
Comm. and public services	-	-	-	-	46536	-	-	-	2228	-
Agriculture/forestry	-	-	-	-	-	-	-	-	551	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**17**	**-**	**228**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	17	-	228	-	-	-	-	-	-
of which: chem./petrochem.	-	*17*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

7. Please refer to section 'Geographical coverage'.
8. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	840	-	-	-	-	-	-	-	-	60
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	14	149	47	-	212
Exports	-	-	-	-	-	-	-	-	-	-49
Intl. marine bunkers	-	-	-	-	-	-	-	-47	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**840**	**-**	**-**	**-**	**-**	**14**	**149**	**-**	**-**	**223**
Transfers	-513	-	-	-	-	-	-	-	-	-20
Statistical differences	75	-	-	-	-	1	-	-	-	1
TRANSFORMATION	**399**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**17**
Electricity plants	-	-	-	-	-	-	-	-	-	17
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	399	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	3	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**15**	**149**	**-**	**-**	**187**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**5**	**-**	**-**	**18**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	10
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	5	-	-	8
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**132**	**-**	**-**	**81**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	132	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	81
OTHER	**-**	**-**	**-**	**-**	**-**	**15**	**12**	**-**	**-**	**88**
Residential	-	-	-	-	-	13	-	-	-	-
Comm. and public services	-	-	-	-	-	2	7	-	-	-
Agriculture/forestry	-	-	-	-	-	-	5	-	-	88
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	335	-	-	-	1229	-	-	-	2180	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	36	-	-	-	739	-	-	-	-	-
Exports	-727	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-356**	**-**	**-**	**-**	**1968**	**-**	**-**	**-**	**2180**	**-**
Transfers	620	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	31	-	-	-	-	-
TRANSFORMATION	**245**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	245	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**35**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	35	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	3	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	190	-
FINAL CONSUMPTION	**16**	**-**	**-**	**-**	**1999**	**-**	**-**	**-**	**1955**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**198**	**-**	**-**	**-**	**946**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	198	-	-	-	946	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**16**	**-**	**-**	**-**	**1801**	**-**	**-**	**-**	**1009**	**-**
Residential	-	-	-	-	1550	-	-	-	643	-
Comm. and public services	-	-	-	-	251	-	-	-	366	-
Agriculture/forestry	16	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	6	-	184730
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	1	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**1**	**-**	**-**	**-**	**6**	**-**	**184730**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	63
TRANSFORMATION	**-**	**-**	**-**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**151174**
Electricity plants	-	-	-	-	-	-	-	-	-	-	151174
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	1	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2764**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	2764
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6**	**-**	**30855**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6**	**-**	**10890**
Iron and steel	-	-	-	-	-	-	-	-	6	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	10890
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**19965**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	19965
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*19965*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	1300	95	-	-	71	56	448	163	2	1701
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	4157	-	-	-	-	320	523	-	-	909
Exports	-	-	-	-	-	-	-	-115	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-220
Intl. aviation bunkers	-	-	-	-	-	-	-	-16	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**5457**	**95**	**-**	**-**	**71**	**376**	**971**	**32**	**2**	**2390**
Transfers	-	-95	-	-	-	95	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**5457**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**207**
Electricity plants	-	-	-	-	-	-	-	-	-	207
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	5457	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**71**	**-**	**-**	**-**	**-**	**3**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	3
Oil refineries	-	-	-	-	71	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**471**	**971**	**32**	**2**	**2180**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**349**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	349
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**971**	**32**	**-**	**1090**
Domestic aviation	-	-	-	-	-	-	-	32	-	-
Road	-	-	-	-	-	-	971	-	-	1090
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**471**	**-**	**-**	**2**	**741**
Residential	-	-	-	-	-	471	-	-	2	306
Comm. and public services	-	-	-	-	-	-	-	-	-	178
Agriculture/forestry	-	-	-	-	-	-	-	-	-	257
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	2225	445	-	280	285	-	-	-	21726	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	8	-	-	-	-	-	-
Exports	-	-444	-	-1	-	-	-	-	-138	-
Intl. marine bunkers	-20	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**2205**	**1**	**-**	**287**	**285**	**-**	**-**	**-**	**21588**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**1086**	**-**	**-**	**-**	**26**	**-**	**-**	**-**	**-**	**-**
Electricity plants	1086	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	26	-	-	-	-	-
ENERGY IND. OWN USE	**77**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2482**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	77	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	2482	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	3353	-
FINAL CONSUMPTION	**1042**	**1**	**-**	**287**	**259**	**-**	**-**	**-**	**15753**	**-**
INDUSTRY	**663**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5298**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	663	-	-	-	-	-	-	-	5298	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**379**	**-**	**-**	**-**	**259**	**-**	**-**	**-**	**10455**	**-**
Residential	-	-	-	-	-	-	-	-	7205	-
Comm. and public services	-	-	-	-	-	-	-	-	1637	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	379	-	-	-	259	-	-	-	1613	-
NON-ENERGY USE	**-**	**1**	**-**	**287**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	1	-	278	-	-	-	-	-	-
of which: chem./petrochem.	-	*1*	-	-	-	-	-	-	-	-
in transport	-	-	-	9	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	6277	-	-	53610	82212	-	12706
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	6870	45664	13247	-	173	-	-	-	-	-	666548
Exports	-	-	-	-	-71	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-218	796	-55	-	57	-	-	-	-	-	-44223
DOMESTIC SUPPLY	**6652**	**46460**	**13192**	**-**	**6436**	**-**	**-**	**53610**	**82212**	**-**	**635031**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	212	-2787	130	-	718	-	-	-	1	-	39195
TRANSFORMATION	**6864**	**34403**	**13322**	**-**	**5818**	**-**	**-**	**13703**	**31791**	**-**	**534293**
Electricity plants	-	21636	12985	-	-	-	-	-	-	-	531453
CHP plants	-	10240	337	-	-	-	-	13703	31791	-	2840
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	1383	-	-	5818	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	6864	1144	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8470**	**39971**	**-**	**14025**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	13620
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	405
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	8470	39971	-	-
Losses	-	-	-	-	118	-	-	474	962	-	-
FINAL CONSUMPTION	**-**	**9270**	**-**	**-**	**1218**	**-**	**-**	**30963**	**9489**	**-**	**125908**
INDUSTRY	**-**	**9234**	**-**	**-**	**1059**	**-**	**-**	**30963**	**9489**	**-**	**69394**
Iron and steel	-	243	-	-	742	-	-	30963	9489	-	11836
Chemical and petrochemical	-	6141	-	-	317	-	-	-	-	-	15862
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	1955
Non-metallic minerals	-	2094	-	-	-	-	-	-	-	-	8496
Transport equipment	-	-	-	-	-	-	-	-	-	-	22578
Machinery	-	-	-	-	-	-	-	-	-	-	6241
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	1
Food and tobacco	-	-	-	-	-	-	-	-	-	-	337
Paper, pulp and print	-	652	-	-	-	-	-	-	-	-	661
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	104	-	-	-	-	-	-	-	-	1267
Non-specified	-	-	-	-	-	-	-	-	-	-	160
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**56514**
Residential	-	-	-	-	-	-	-	-	-	-	30900
Comm. and public services	-	-	-	-	-	-	-	-	-	-	25476
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	138
NON-ENERGY USE	**-**	**36**	**-**	**-**	**159**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	36	-	-	159	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	8	-	-	-	1199	976	7460	3738	-	14140
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	45066	-	-	317	-	1700	-	-	-	-
Exports	-	-	-	-	-	-44	-4032	-1011	-	-9811
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-109
Intl. aviation bunkers	-	-	-	-	-	-	-	-2398	-	-
Stock changes	-821	-	-	-	-	-72	143	-54	-2	187
DOMESTIC SUPPLY	**44253**	**-**	**-**	**317**	**1199**	**2560**	**3571**	**275**	**-2**	**4407**
Transfers	-	-	1043	-	-	-21	3674	-10	-	132
Statistical differences	111	-	-	-	-	8	72	-22	6	191
TRANSFORMATION	**44364**	**-**	**1043**	**317**	**6**	**-**	**-**	**-**	**-**	**70**
Electricity plants	-	-	-	-	-	-	-	-	-	70
CHP plants	-	-	-	-	6	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	44364	-	1043	317	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**1193**	**55**	**3**	**-**	**-**	**21**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	1193	54	2	-	-	21
Elec., CHP and heat plants	-	-	-	-	-	-	1	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	1	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**2492**	**7314**	**243**	**4**	**4639**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**261**	**4**	**-**	**-**	**104**
Iron and steel	-	-	-	-	-	7	-	-	-	7
Chemical and petrochemical	-	-	-	-	-	151	-	-	-	61
Non-ferrous metals	-	-	-	-	-	6	-	-	-	-
Non-metallic minerals	-	-	-	-	-	6	-	-	-	13
Transport equipment	-	-	-	-	-	5	4	-	-	5
Machinery	-	-	-	-	-	8	-	-	-	3
Mining and quarrying	-	-	-	-	-	2	-	-	-	5
Food and tobacco	-	-	-	-	-	4	-	-	-	3
Paper, pulp and print	-	-	-	-	-	4	-	-	-	1
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	1	-	-	-	4
Textile and leather	-	-	-	-	-	3	-	-	-	2
Non-specified	-	-	-	-	-	64	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**59**	**7281**	**89**	**-**	**3886**
Domestic aviation	-	-	-	-	-	-	-	89	-	-
Road	-	-	-	-	-	59	7281	-	-	3781
Rail	-	-	-	-	-	-	-	-	-	25
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	80
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**959**	**29**	**154**	**4**	**649**
Residential	-	-	-	-	-	906	-	-	-	-
Comm. and public services	-	-	-	-	-	53	27	154	2	285
Agriculture/forestry	-	-	-	-	-	-	-	-	-	1
Fishing	-	-	-	-	-	-	-	-	-	309
Non-specified	-	-	-	-	-	-	2	-	2	54
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**1213**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	1213	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*1213*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	5880	7304	637	1324	10383	114	224	55156	260025	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1800	12003	57	1570	-	-	-	-	-	-
Exports	-715	-	-409	-610	-	-	-	-	-	-
Intl. marine bunkers	-1055	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-117	-308	-	208	-	1	-	-	-	-
DOMESTIC SUPPLY	**5793**	**18999**	**285**	**2492**	**10383**	**115**	**224**	**55156**	**260025**	**-**
Transfers	-1782	-2974	-	-62	-	-	-	-	-	-
Statistical differences	223	-	-	-9	-	-	-	-2	-3	-
TRANSFORMATION	**1873**	**-**	**233**	**-**	**5875**	**-**	**224**	**54360**	**-**	**-**
Electricity plants	1494	-	-	-	5875	-	224	54360	-	-
CHP plants	379	-	233	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**128**	**-**	**-**	**-**	**-**	**5**	**-**	**-**	**19063**	**-**
Fuel mining and extraction	2	-	-	-	-	-	-	-	21	-
Oil refineries	105	-	-	-	-	5	-	-	3293	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	11600	-
Pumped storage plants	-	-	-	-	-	-	-	-	3670	-
Other energy ind. own use	21	-	-	-	-	-	-	-	479	-
Losses	-	-	-	-	-	-	-	-	8960	-
FINAL CONSUMPTION	**2233**	**16025**	**52**	**2421**	**4508**	**110**	**-**	**794**	**231999**	**-**
INDUSTRY	**1769**	**-**	**-**	**-**	**4508**	**55**	**-**	**794**	**135069**	**-**
Iron and steel	206	-	-	-	-	-	-	-	15909	-
Chemical and petrochemical	538	-	-	-	129	-	-	-	37536	-
Non-ferrous metals	35	-	-	-	-	-	-	-	1212	-
Non-metallic minerals	234	-	-	-	-	-	-	-	5743	-
Transport equipment	17	-	-	-	-	-	-	-	2499	-
Machinery	106	-	-	-	-	-	-	-	53230	-
Mining and quarrying	26	-	-	-	-	-	-	-	474	-
Food and tobacco	203	-	-	-	569	-	-	-	3884	-
Paper, pulp and print	49	-	-	-	3810	-	-	794	4076	-
Wood and wood products	6	-	-	-	-	-	-	-	410	-
Construction	60	-	-	-	-	-	-	-	626	-
Textile and leather	279	-	-	-	-	-	-	-	5715	-
Non-specified	10	-	-	-	-	55	-	-	3755	-
TRANSPORT	**64**	**-**	**-**	**-**	**-**	**55**	**-**	**-**	**1321**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	55	-	-	-	-
Rail	-	-	-	-	-	-	-	-	1321	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	64	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**400**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**95609**	**-**
Residential	-	-	-	-	-	-	-	-	45174	-
Comm. and public services	294	-	-	-	-	-	-	-	28949	-
Agriculture/forestry	3	-	-	-	-	-	-	-	1906	-
Fishing	33	-	-	-	-	-	-	-	927	-
Non-specified	70	-	-	-	-	-	-	-	18653	-
NON-ENERGY USE	**-**	**16025**	**52**	**2421**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	16025	52	2421	-	-	-	-	-	-
of which: chem./petrochem.	-	*16025*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	822	-	56	-	-	-	-	-	-	122
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	12	-	-	-	-	-	-	-	-	12249
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**834**	**-**	**56**	**-**	**-**	**-**	**-**	**-**	**-**	**12371**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3611**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	3611
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**834**	**-**	**56**	**-**	**-**	**-**	**-**	**-**	**-**	**8760**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**530**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	530
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**834**	**-**	**56**	**-**	**-**	**-**	**-**	**-**	**-**	**8230**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	834	-	56	-	-	-	-	-	-	8230
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	25	-	-	-	-	-	1	-	-	4
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	295	246	61	-	244
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-61	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**25**	**-**	**-**	**-**	**-**	**295**	**247**	**-**	**-**	**248**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**25**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	25	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**295**	**247**	**-**	**-**	**248**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**247**	**-**	**-**	**248**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	247	-	-	248
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**295**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	295	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	15	-	-	3	-	-	-	-	16472	1063
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	16	-	-	13	-	-	-	-	33	-
Exports	-	-	-	-	-	-	-	-	-1326	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**31**	**-**	**-**	**16**	**-**	**-**	**-**	**-**	**15179**	**1063**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-18	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**7**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**87**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	13	-
Oil refineries	7	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	24	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	50	-
Losses	-	-	-	-	-	-	-	-	2804	-
FINAL CONSUMPTION	**24**	**-**	**-**	**16**	**-**	**-**	**-**	**-**	**12270**	**1063**
INDUSTRY	**24**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4057**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	101	-
Non-ferrous metals	-	-	-	-	-	-	-	-	3618	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	23	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	54	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	1	-
Construction	-	-	-	-	-	-	-	-	122	-
Textile and leather	-	-	-	-	-	-	-	-	138	-
Non-specified	24	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**41**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	41	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8172**	**1063**
Residential	-	-	-	-	-	-	-	-	2957	1063
Comm. and public services	-	-	-	-	-	-	-	-	1195	-
Agriculture/forestry	-	-	-	-	-	-	-	-	4020	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**16**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	3	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	13	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	246	-	-	-	-	-	-	-	-	35391
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**246**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**35391**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**28623**
Electricity plants	-	-	-	-	-	-	-	-	-	-	28623
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**246**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6768**
INDUSTRY	**-**	**246**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6768**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	1802
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	246	-	-	-	-	-	-	-	-	4966
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	69	687	138	31	1337
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-138	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**69**	**687**	**-**	**31**	**1337**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**120**
Electricity plants	-	-	-	-	-	-	-	-	-	120
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**69**	**687**	**-**	**31**	**1217**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**687**	**-**	**-**	**1197**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	687	-	-	1197
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**69**	**-**	**-**	**31**	**20**
Residential	-	-	-	-	-	69	-	-	31	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	20
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	880789	-	-	-	6219	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	465	-	-	45	-	-	-	-	59	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-61	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**404**	**-**	**-**	**45**	**880789**	**-**	**-**	**-**	**6278**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-186	-
TRANSFORMATION	**190**	**-**	**-**	**-**	**111192**	**-**	**-**	**-**	**-**	**-**
Electricity plants	190	-	-	-	396	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	110796	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**18**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	18	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1098	-
FINAL CONSUMPTION	**214**	**-**	**-**	**45**	**769597**	**-**	**-**	**-**	**4976**	**-**
INDUSTRY	**214**	**-**	**-**	**-**	**109368**	**-**	**-**	**-**	**1270**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	214	-	-	-	109368	-	-	-	1270	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**660229**	**-**	**-**	**-**	**3706**	**-**
Residential	-	-	-	-	600077	-	-	-	2227	-
Comm. and public services	-	-	-	-	-	-	-	-	1141	-
Agriculture/forestry	-	-	-	-	35758	-	-	-	180	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	24394	-	-	-	158	-
NON-ENERGY USE	**-**	**-**	**-**	**45**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	45	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	18042	-	-	-	-	372	-	1348418
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	21243	-	-	38	-	-	-	-	-	411810
Exports	-	-23	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-3733	-	409	146	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**17487**	**-**	**18451**	**184**	**-**	**-**	**-**	**372**	**-**	**1760228**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**8500**	**-**	**17020**	**33**	**-**	**-**	**-**	**-**	**-**	**1027756**
Electricity plants	-	8500	-	17020	-	-	-	-	-	-	1027756
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	33	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**386299**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	386299
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**8987**	**-**	**1431**	**151**	**-**	**-**	**-**	**372**	**-**	**346173**
INDUSTRY	**-**	**8987**	**-**	**1431**	**151**	**-**	**-**	**-**	**372**	**-**	**115365**
Iron and steel	-	-	-	-	151	-	-	-	372	-	12282
Chemical and petrochemical	-	-	-	14	-	-	-	-	-	-	26493
Non-ferrous metals	-	8	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	7598	-	1263	-	-	-	-	-	-	32419
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	4015
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	478	-	18	-	-	-	-	-	-	4717
Paper, pulp and print	-	-	-	121	-	-	-	-	-	-	31840
Wood and wood products	-	-	-	-	-	-	-	-	-	-	552
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	15	-	-	-	-	-	-	1202
Non-specified	-	903	-	-	-	-	-	-	-	-	1845
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**119248**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	119248
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**36**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	36
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**111524**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	111524
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*111524*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	11663	6375	-	-	512	1855	6307	5224	868	20709
From other sources	-	-	1	-	-	-	-	-	-	-
Imports	41524	-	-	-	-	2099	644	3	-	300
Exports	-334	-211	-	-	-	-10	-976	-972	-24	-3714
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-3637	-	-
Stock changes	4231	-286	-	-	-	-78	-518	-122	-835	853
DOMESTIC SUPPLY	**57084**	**5878**	**1**	**-**	**512**	**3866**	**5457**	**496**	**9**	**18148**
Transfers	-	-5757	-1	-	-	5757	-	-	-	-
Statistical differences	1	-	-	-	-	-	-	-	1	-
TRANSFORMATION	**56903**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**36**
Electricity plants	-	-	-	-	-	-	-	-	-	36
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	56902	-	-	-	-	-	-	-	-	-
Petrochemical plants	1	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**512**	**102**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	512	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	102	-	-	-	-
Losses	182	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**121**	**-**	**-**	**-**	**9521**	**5457**	**496**	**10**	**18112**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**578**	**78**	**-**	**10**	**4562**
Iron and steel	-	-	-	-	-	88	-	-	2	255
Chemical and petrochemical	-	-	-	-	-	180	-	-	2	287
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	58	-	-	2	309
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	59	-	-	2	348
Mining and quarrying	-	-	-	-	-	-	-	-	-	24
Food and tobacco	-	-	-	-	-	29	-	-	1	1237
Paper, pulp and print	-	-	-	-	-	6	-	-	1	176
Wood and wood products	-	-	-	-	-	1	-	-	-	207
Construction	-	-	-	-	-	-	-	-	-	119
Textile and leather	-	-	-	-	-	14	-	-	-	143
Non-specified	-	-	-	-	-	143	78	-	-	1457
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**1974**	**5359**	**496**	**-**	**9699**
Domestic aviation	-	-	-	-	-	-	-	496	-	-
Road	-	-	-	-	-	1974	5359	-	-	9491
Rail	-	-	-	-	-	-	-	-	-	70
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	138
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**2188**	**20**	**-**	**-**	**3851**
Residential	-	-	-	-	-	1480	-	-	-	-
Comm. and public services	-	-	-	-	-	706	-	-	-	-
Agriculture/forestry	-	-	-	-	-	2	20	-	-	3851
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**121**	**-**	**-**	**-**	**4781**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	121	-	-	-	4781	-	-	-	-
of which: chem./petrochem.	-	*121*	-	-	-	*3652*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	5328	10890	-	2714	980030	1849	28186	5071	173631	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	349	2997	-	59	4682	-	-	-	12260	-
Exports	-3606	-1974	-	-473	-1109	-3	-	-	-1594	-
Intl. marine bunkers	-1018	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	259	-	-	3	-	64	-	-	-	-
DOMESTIC SUPPLY	**1312**	**11913**	**-**	**2303**	**983603**	**1910**	**28186**	**5071**	**184297**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-1	16	-	-	-1	-	-	-	964	-
TRANSFORMATION	**363**	**-**	**-**	**-**	**404462**	**-**	**7564**	**1902**	**-**	**-**
Electricity plants	363	-	-	-	180351	-	7564	1902	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	224111	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5931**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	5931	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	10545	-
FINAL CONSUMPTION	**948**	**11929**	**-**	**2303**	**579140**	**1910**	**20622**	**3169**	**168785**	**-**
INDUSTRY	**939**	**-**	**-**	**-**	**298855**	**-**	**20622**	**3169**	**73782**	**-**
Iron and steel	128	-	-	-	-	-	-	-	7503	-
Chemical and petrochemical	76	-	-	-	-	-	-	-	11754	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	38	-	-	-	-	-	-	-	7550	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	34	-	-	-	-	-	-	-	17692	-
Mining and quarrying	3	-	-	-	-	-	-	-	-	-
Food and tobacco	246	-	-	-	201761	-	-	-	14769	-
Paper, pulp and print	39	-	-	-	-	-	-	-	2676	-
Wood and wood products	2	-	-	-	-	-	-	-	1933	-
Construction	9	-	-	-	-	-	-	-	-	-
Textile and leather	34	-	-	-	-	-	-	-	7504	-
Non-specified	330	-	-	-	97094	-	20622	3169	2401	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**1910**	**-**	**-**	**166**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	1910	-	-	-	-
Rail	-	-	-	-	-	-	-	-	166	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**9**	**-**	**-**	**-**	**280285**	**-**	**-**	**-**	**94837**	**-**
Residential	-	-	-	-	280285	-	-	-	38993	-
Comm. and public services	2	-	-	-	-	-	-	-	50321	-
Agriculture/forestry	7	-	-	-	-	-	-	-	414	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	5109	-
NON-ENERGY USE	**-**	**11929**	**-**	**2303**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	11929	-	2303	-	-	-	-	-	-
of which: chem./petrochem.	-	*11929*	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	7	131	72	61	277
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-17
Intl. aviation bunkers	-	-	-	-	-	-	-	-78	-	-
Stock changes	-	-	-	-	-	-	22	7	-	12
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**7**	**153**	**1**	**61**	**272**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	1	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**-**	**4**
Electricity plants	-	-	-	-	-	-	-	2	-	4
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**7**	**153**	**-**	**61**	**268**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	2
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**153**	**-**	**-**	**266**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	153	-	-	266
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**7**	**-**	**-**	**61**	**-**
Residential	-	-	-	-	-	7	-	-	61	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	110202	-	-	-	142	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	47	-	-	2	-	-	-	-	1065	-
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	3	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**50**	**-**	**-**	**2**	**110202**	**-**	**-**	**-**	**1207**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	1	1	-	-	-	56	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**49610**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	76	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	49534	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	10	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	103	-
FINAL CONSUMPTION	**50**	**-**	**-**	**3**	**60593**	**-**	**-**	**-**	**1150**	**-**
INDUSTRY	**50**	**-**	**-**	**-**	**201**	**-**	**-**	**-**	**323**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	50	-	-	-	-	-	-	-	173	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	75	-
Food and tobacco	-	-	-	-	-	-	-	-	4	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	27	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	201	-	-	-	44	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**60392**	**-**	**-**	**-**	**827**	**-**
Residential	-	-	-	-	52798	-	-	-	615	-
Comm. and public services	-	-	-	-	7594	-	-	-	145	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	67	-
NON-ENERGY USE	**-**	**-**	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	3	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	1595661
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-756857
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**838804**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**121136**
Electricity plants	-	-	-	-	-	-	-	-	-	-	121136
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**153132**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	10464
Oil refineries	-	-	-	-	-	-	-	-	-	-	22195
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	120473
Losses	-	-	-	-	-	-	-	-	-	-	25045
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**539491**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**93582**
Iron and steel	-	-	-	-	-	-	-	-	-	-	42659
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	4829
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	46094
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4024**
Residential	-	-	-	-	-	-	-	-	-	-	4024
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**441885**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	441885
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*441885*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	4189	1126	-	-	179	12	733	476	33	831
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	2923	-	-	-	-	-	-	-	-	-
Exports	-1681	-	-	-	-	-558	-823	-174	-	-247
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-83
Intl. aviation bunkers	-	-	-	-	-	-	-	-212	-	-
Stock changes	-34	-	-	-	-	-73	83	27	-	34
DOMESTIC SUPPLY	**5397**	**1126**	**-**	**-**	**179**	**-619**	**-7**	**117**	**33**	**535**
Transfers	-	-1173	-	-	-	647	526	-	-	-
Statistical differences	-	47	-	-	-	13	-	-	-	7
TRANSFORMATION	**5397**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5**
Electricity plants	-	-	-	-	-	-	-	-	-	5
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	5397	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**179**	**-**	**-**	**-**	**-**	**21**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	179	-	-	-	-	21
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**41**	**519**	**117**	**33**	**516**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**11**	**-**	**23**	**116**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	11	-	23	116
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**504**	**117**	**-**	**393**
Domestic aviation	-	-	-	-	-	-	-	117	-	-
Road	-	-	-	-	-	-	504	-	-	393
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**41**	**4**	**-**	**10**	**7**
Residential	-	-	-	-	-	41	4	-	10	-
Comm. and public services	-	-	-	-	-	-	-	-	-	7
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	2588	-	-	423	570	-	-	-	9891	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	68	-	-	-	-	-	-
Exports	-2317	-	-	-449	-	-	-	-	-	-
Intl. marine bunkers	-377	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	105	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-1**	**-**	**-**	**42**	**570**	**-**	**-**	**-**	**9891**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	1	-	-	-	-	-	-	-	3	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**75**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	75	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**360**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	360	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	228	-
FINAL CONSUMPTION	**-**	**-**	**-**	**42**	**495**	**-**	**-**	**-**	**9306**	**-**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5626**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	5626	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**495**	**-**	**-**	**-**	**3680**	**-**
Residential	-	-	-	-	495	-	-	-	2666	-
Comm. and public services	-	-	-	-	-	-	-	-	1014	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**42**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	42	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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Tunisia

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	119881
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	125217
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**245098**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-684
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**173915**
Electricity plants	-	-	-	-	-	-	-	-	-	-	172791
CHP plants	-	-	-	-	-	-	-	-	-	-	1124
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8970**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	8970
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**61529**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**39116**
Iron and steel	-	-	-	-	-	-	-	-	-	-	336
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	5143
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	23120
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	411
Food and tobacco	-	-	-	-	-	-	-	-	-	-	3155
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	1801
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	2638
Non-specified	-	-	-	-	-	-	-	-	-	-	2512
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4024**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	4024
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**18389**
Residential	-	-	-	-	-	-	-	-	-	-	9653
Comm. and public services	-	-	-	-	-	-	-	-	-	-	7868
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	868
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	2572	245	-	-	-	27	-	-	53	634
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1180	-	-	-	-	342	535	258	-	1151
Exports	-2201	-78	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-15
Intl. aviation bunkers	-	-	-	-	-	-	-	-264	-	-
Stock changes	-35	-	-	-	-	-3	4	15	-	16
DOMESTIC SUPPLY	**1516**	**167**	**-**	**-**	**-**	**366**	**539**	**9**	**53**	**1786**
Transfers	-	-140	-	-	-	140	-	-	-	-
Statistical differences	135	-22	-	-	-	3	-	-5	-2	51
TRANSFORMATION	**1651**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**
Electricity plants	-	-	-	-	-	-	-	-	-	1
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	1651	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**21**
Fuel mining and extraction	-	5	-	-	-	-	-	-	-	21
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**509**	**539**	**4**	**51**	**1815**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**30**	**-**	**-**	**-**	**57**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	30	-	-	-	57
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**18**	**539**	**4**	**-**	**1389**
Domestic aviation	-	-	-	-	-	-	-	4	-	-
Road	-	-	-	-	-	18	539	-	-	1370
Rail	-	-	-	-	-	-	-	-	-	19
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**461**	**-**	**-**	**41**	**369**
Residential	-	-	-	-	-	418	-	-	41	6
Comm. and public services	-	-	-	-	-	43	-	-	-	53
Agriculture/forestry	-	-	-	-	-	-	-	-	-	310
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	10	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	563	346	-	18	45014	-	-	-	19024	2624
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	258	-	820	175	-	-	-	-	536	-
Exports	-489	-346	-	-	-	-	-	-	-625	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-9	-	-64	2	-	-	-	-	-	-
DOMESTIC SUPPLY	**323**	**-**	**756**	**195**	**45014**	**-**	**-**	**-**	**18935**	**2624**
Transfers	-	-	-	10	-	-	-	-	-	-
Statistical differences	53	-	-3	-	-	-	-	-	-22	-
TRANSFORMATION	**84**	**-**	**-**	**-**	**8424**	**-**	**-**	**-**	**-**	**2624**
Electricity plants	84	-	-	-	-	-	-	-	-	2624
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	8424	-	-	-	-	-
ENERGY IND. OWN USE	**37**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**881**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	213	-
Oil refineries	37	-	-	-	-	-	-	-	15	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	653	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	2842	-
FINAL CONSUMPTION	**255**	**-**	**753**	**205**	**36590**	**-**	**-**	**-**	**15190**	**-**
INDUSTRY	**232**	**-**	**753**	**-**	**246**	**-**	**-**	**-**	**5445**	**-**
Iron and steel	-	-	-	-	-	-	-	-	284	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	673	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	753	-	246	-	-	-	1742	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	334	-
Food and tobacco	-	-	-	-	-	-	-	-	709	-
Paper, pulp and print	-	-	-	-	-	-	-	-	191	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	497	-
Non-specified	232	-	-	-	-	-	-	-	1015	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**93**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	75	-
Pipeline transport	-	-	-	-	-	-	-	-	18	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**23**	**-**	**-**	**-**	**36344**	**-**	**-**	**-**	**9652**	**-**
Residential	-	-	-	-	35913	-	-	-	4495	-
Comm. and public services	-	-	-	-	431	-	-	-	4137	-
Agriculture/forestry	23	-	-	-	-	-	-	-	1020	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**205**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	18	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	56	-	-	-	-	-	-
in other	-	-	-	131	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	3033014
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-2078710
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**954304**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**371847**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	371847
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**96450**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	96450
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**486007**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**46568**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	46568
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**77126**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	77126
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**362313**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	333709
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	28604
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	11800	937	-	-	127	360	2610	470	150	2770
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-
Exports	-3200	-	-	-	-	-	-1105	-	-	-690
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-470	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**8600**	**937**	**-**	**-**	**127**	**360**	**1505**	**-**	**150**	**2080**
Transfers	-	-634	-	-	-	634	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**8600**	**303**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	8600	303	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**127**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	127	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**994**	**1505**	**-**	**150**	**2080**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**1505**	**-**	**-**	**1040**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	1505	-	-	1040
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**994**	**-**	**-**	**150**	**1040**
Residential	-	-	-	-	-	-	-	-	150	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	994	-	-	-	1040
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	1690	-	-	370	-	-	-	-	20400	9846
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	308	-	-	-	-	-
Exports	-759	-	-	-	-	-	-	-	-3210	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**931**	**-**	**-**	**370**	**308**	**-**	**-**	**-**	**17190**	**9846**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3554**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	1582	-
Oil refineries	-	-	-	-	-	-	-	-	381	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	1542	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	49	-
Losses	-	-	-	-	-	-	-	-	2547	-
FINAL CONSUMPTION	**931**	**-**	**-**	**370**	**308**	**-**	**-**	**-**	**11089**	**9846**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4001**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	1299	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	2702	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**288**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	288	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**931**	**-**	**-**	**370**	**308**	**-**	**-**	**-**	**6800**	**9846**
Residential	-	-	-	-	308	-	-	-	2331	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	3526	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	931	-	-	370	-	-	-	-	943	9846
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat [1] (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite [1]	Coke / tar	Pat. fuel / BKB [1]	Gas works gas	Coke oven gas	Recovered gases [2]		
Production	12022	33208	-	127	14644	72	821	96785	124181	457	699017
From other sources	-	10085	-	-	-	-	-	-	-	-	-
Imports	9706	4989	-	1	1636	-	-	-	-	23	731493
Exports	-1448	-5586	-	-120	-1158	-	-	-	-	-121	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-3260	856	-	-	-	-	-	-	-	-15	124268
DOMESTIC SUPPLY	**17020**	**43552**	**-**	**8**	**15122**	**72**	**821**	**96785**	**124181**	**344**	**1554778**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	837	-	-39443
TRANSFORMATION	**17020**	**35457**	**-**	**3**	**11386**	**2**	**821**	**17033**	**44258**	**252**	**474362**
Electricity plants	-	32287	-	-	-	-	-	429	-	-	14631
CHP plants	-	1984	-	-	-	-	-	9608	42377	9	190126
Heat plants	-	1124	-	3	-	2	821	6996	1881	89	269605
Blast furnaces	-	-	-	-	10555	-	-	-	-	-	-
Gas works	-	-	-	-	45	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	17020	62	-	-	533	-	-	-	-	154	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	253	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**341**	**-**	**-**	**-**	**-**	**-**	**38576**	**-**	**22**	**44698**
Fuel mining and extraction	-	18	-	-	-	-	-	-	-	-	22164
Oil refineries	-	-	-	-	-	-	-	-	-	-	6128
Elec., CHP and heat plants	-	323	-	-	-	-	-	-	-	-	777
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	38576	-	22	15629
Losses	-	24	-	-	-	-	-	-	5856	-	21166
FINAL CONSUMPTION	**-**	**7730**	**-**	**5**	**3736**	**70**	**-**	**41176**	**74904**	**70**	**975109**
INDUSTRY	**-**	**6948**	**-**	**2**	**3263**	**-**	**-**	**41176**	**74742**	**1**	**154661**
Iron and steel	-	5741	-	-	3262	-	-	41157	74742	-	86667
Chemical and petrochemical	-	5	-	-	-	-	-	19	-	-	8165
Non-ferrous metals	-	204	-	-	1	-	-	-	-	-	6455
Non-metallic minerals	-	937	-	2	-	-	-	-	-	1	18791
Transport equipment	-	-	-	-	-	-	-	-	-	-	1260
Machinery	-	5	-	-	-	-	-	-	-	-	6578
Mining and quarrying	-	3	-	-	-	-	-	-	-	-	14275
Food and tobacco	-	49	-	-	-	-	-	-	-	-	9599
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	1020
Wood and wood products	-	-	-	-	-	-	-	-	-	-	635
Construction	-	2	-	-	-	-	-	-	-	-	519
Textile and leather	-	-	-	-	-	-	-	-	-	-	232
Non-specified	-	2	-	-	-	-	-	-	-	-	465
TRANSPORT	**-**	**13**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**105786**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	1082
Rail	-	12	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	104595
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	1	-	-	-	-	-	-	-	-	109
OTHER	**-**	**584**	**-**	**1**	**-**	**69**	**-**	**-**	**-**	**69**	**591334**
Residential	-	446	-	-	-	69	-	-	-	49	546463
Comm. and public services	-	122	-	1	-	-	-	-	-	19	38881
Agriculture/forestry	-	16	-	-	-	-	-	-	-	1	5990
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**185**	**-**	**2**	**473**	**1**	**-**	**-**	**162**	**-**	**123328**
in industry/transf./energy	-	185	-	2	473	1	-	-	162	-	123328
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*119660*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. For this country, the peat column includes lignite, BKB, and patent fuels. See confidentiality issue in section 'Country notes and sources'.
2. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [3]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [4]	Aviation fuels [5]	Other kerosene [5]	Gas / Diesel [4]
Production	2042	697	-	67	388	440	712	-	-	832
From other sources	70	-	-	-	-	-	-	-	-	-
Imports	179	-	8	5	-	431	2147	-	136	4775
Exports	-41	-	-27	-	-	-	-157	-	-26	-76
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-128	-
Stock changes	92	10	-	-	-	12	135	-	1	182
DOMESTIC SUPPLY	**2342**	**707**	**-19**	**72**	**388**	**883**	**2837**	**-**	**-17**	**5713**
Transfers	-70	-	273	-	-	-	-	-	-	-21
Statistical differences	-	-	-	-	-3	-	306	-	29	-332
TRANSFORMATION	**2249**	**703**	**254**	**72**	**9**	**-**	**-**	**-**	**-**	**8**
Electricity plants	-	-	-	-	-	-	-	-	-	6
CHP plants	-	-	-	-	9	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	2
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	2249	703	254	72	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**3**	**2**	**-**	**-**	**376**	**12**	**-**	**-**	**-**	**70**
Fuel mining and extraction	3	2	-	-	-	-	-	-	-	36
Oil refineries	-	-	-	-	361	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	2	-	-	-	26
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	15	10	-	-	-	8
Losses	14	-	-	-	-	1	-	-	-	-
FINAL CONSUMPTION	**6**	**2**	**-**	**-**	**-**	**870**	**3143**	**-**	**12**	**5282**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**17**	**-**	**-**	**7**	**846**
Iron and steel	-	-	-	-	-	-	-	-	1	101
Chemical and petrochemical	-	-	-	-	-	2	-	-	-	17
Non-ferrous metals	-	-	-	-	-	-	-	-	-	5
Non-metallic minerals	-	-	-	-	-	1	-	-	-	48
Transport equipment	-	-	-	-	-	-	-	-	6	12
Machinery	-	-	-	-	-	-	-	-	-	22
Mining and quarrying	-	-	-	-	-	-	-	-	-	307
Food and tobacco	-	-	-	-	-	3	-	-	-	142
Paper, pulp and print	-	-	-	-	-	1	-	-	-	7
Wood and wood products	-	-	-	-	-	1	-	-	-	13
Construction	-	-	-	-	-	3	-	-	-	156
Textile and leather	-	-	-	-	-	-	-	-	-	3
Non-specified	-	-	-	-	-	6	-	-	-	13
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**770**	**3143**	**-**	**-**	**3100**
Domestic aviation	-	-	-	-	-	-	-	-	-	1
Road	-	-	-	-	-	770	3143	-	-	2928
Rail	-	-	-	-	-	-	-	-	-	132
Pipeline transport	-	-	-	-	-	-	-	-	-	5
Domestic navigation	-	-	-	-	-	-	-	-	-	34
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**82**	**-**	**-**	**4**	**1336**
Residential	-	-	-	-	-	29	-	-	-	-
Comm. and public services	-	-	-	-	-	35	-	-	4	58
Agriculture/forestry	-	-	-	-	-	18	-	-	-	1276
Fishing	-	-	-	-	-	-	-	-	-	2
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**6**	**2**	**-**	**-**	**-**	**1**	**-**	**-**	**1**	**-**
in industry/transf./energy	6	2	-	-	-	-	-	-	1	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	1	-	-	-	-

3. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
4. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
5. For this country, other kerosene includes aviation fuels (aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel).

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke [6]	Other products [6]	Solid bio-fuels [7] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	516	-	-	380	99773	26	-	-	182815	443843
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	44	-	-	354	31	38	-	-	89	-
Exports	-489	-	-	-11	-21016	-	-	-	-8523	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	37	-	-	31	474	-	-	-	-	-
DOMESTIC SUPPLY	**108**	**-**	**-**	**754**	**79262**	**64**	**-**	**-**	**174381**	**443843**
Transfers	-	-	-	-182	-	-	-	-	-	-
Statistical differences	37	-	-	2	-	-	-	-	-5400	-
TRANSFORMATION	**89**	**-**	**-**	**89**	**30623**	**-**	**-**	**-**	**-**	**-**
Electricity plants	40	-	-	-	1064	-	-	-	-	-
CHP plants	10	-	-	41	19128	-	-	-	-	-
Heat plants	39	-	-	48	1426	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	9005	-	-	-	-	-
ENERGY IND. OWN USE	**27**	**-**	**-**	**-**	**52**	**-**	**-**	**-**	**20979**	**26540**
Fuel mining and extraction	-	-	-	-	-	-	-	-	3399	5995
Oil refineries	-	-	-	-	-	-	-	-	524	5567
Elec., CHP and heat plants	10	-	-	-	44	-	-	-	14385	4067
Pumped storage plants	-	-	-	-	-	-	-	-	1124	-
Other energy ind. own use	17	-	-	-	8	-	-	-	1547	10911
Losses	2	-	-	-	-	-	-	-	19615	43224
FINAL CONSUMPTION	**27**	**-**	**-**	**485**	**48587**	**64**	**-**	**-**	**128387**	**374079**
INDUSTRY	**12**	**-**	**-**	**24**	**1992**	**-**	**-**	**-**	**54401**	**133675**
Iron and steel	3	-	-	-	143	-	-	-	20342	34520
Chemical and petrochemical	-	-	-	-	16	-	-	-	3822	26472
Non-ferrous metals	-	-	-	-	-	-	-	-	1667	9943
Non-metallic minerals	1	-	-	22	678	-	-	-	2325	2229
Transport equipment	-	-	-	-	-	-	-	-	1001	2494
Machinery	-	-	-	-	31	-	-	-	2821	4125
Mining and quarrying	-	-	-	-	-	-	-	-	9991	3425
Food and tobacco	1	-	-	-	261	-	-	-	4493	37934
Paper, pulp and print	-	-	-	-	8	-	-	-	918	5480
Wood and wood products	-	-	-	-	778	-	-	-	623	3538
Construction	6	-	-	-	16	-	-	-	852	832
Textile and leather	-	-	-	-	8	-	-	-	317	786
Non-specified	1	-	-	2	53	-	-	-	5229	1897
TRANSPORT	**9**	**-**	**-**	**-**	**-**	**64**	**-**	**-**	**8072**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	64	-	-	-	-
Rail	-	-	-	-	-	-	-	-	6213	-
Pipeline transport	-	-	-	-	-	-	-	-	730	-
Domestic navigation	9	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	1129	-
OTHER	**2**	**-**	**-**	**6**	**46595**	**-**	**-**	**-**	**65914**	**240404**
Residential	-	-	-	-	44805	-	-	-	38972	163204
Comm. and public services	1	-	-	5	1167	-	-	-	23438	67170
Agriculture/forestry	1	-	-	1	623	-	-	-	3483	10027
Fishing	-	-	-	-	-	-	-	-	21	3
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**4**	**-**	**-**	**455**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	4	-	-	394	-	-	-	-	-	-
of which: chem./petrochem.	*1*	-	-	*107*	-	-	-	-	-	-
in transport	-	-	-	14	-	-	-	-	-	-
in other	-	-	-	47	-	-	-	-	-	-

6. For this country, other products includes petroleum coke.
7. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	2042202
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	2330	59	-	-	-	-	-	-	-	753090
Exports	-	-	-	-	-	-	-	-	-	-	-298418
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**2330**	**59**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2496874**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1366572**
Electricity plants	-	-	-	-	-	-	-	-	-	-	1366572
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**29842**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	29842
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**2330**	**59**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1100460**
INDUSTRY	**-**	**2330**	**59**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1089110**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	7434
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	2330	59	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	1081676
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**11350**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	11350
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	*11350*
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	134256	19063	-	-	206	949	2808	6214	-	3882
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	4364	-	-	1802
Exports	-125126	-	-	-	-	-3952	-	-723	-	-718
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-148
Intl. aviation bunkers	-	-	-	-	-	-	-	-5233	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**9130**	**19063**	**-**	**-**	**206**	**-3003**	**7172**	**258**	**-**	**4818**
Transfers	-	-6961	-	-	-	4525	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**9130**	**12102**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**509**
Electricity plants	-	-	-	-	-	-	-	-	-	509
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	9130	12102	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**206**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	206	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**1522**	**7172**	**258**	**-**	**4309**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**19**	**-**	**-**	**-**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	19	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**7172**	**258**	**-**	**4309**
Domestic aviation	-	-	-	-	-	-	-	258	-	-
Road	-	-	-	-	-	-	7172	-	-	4309
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**307**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	307	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**1196**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	1196	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	*1196*	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	1123	5041	-	593	-	-	-	-	109979	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	15066	-	-	-	2372	-	-	-	84	-
Exports	-	-7477	-	-478	-	-	-	-	-	-
Intl. marine bunkers	-14873	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**1316**	**-2436**	**-**	**115**	**2372**	**-**	**-**	**-**	**110063**	**-**
Transfers	-	2436	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**47**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	47	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**7075**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	7075	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	7893	-
FINAL CONSUMPTION	**1269**	**-**	**-**	**115**	**2372**	**-**	**-**	**-**	**95095**	**-**
INDUSTRY	**1269**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**12564**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	1269	-	-	-	-	-	-	-	12564	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**2372**	**-**	**-**	**-**	**82531**	**-**
Residential	-	-	-	-	-	-	-	-	35386	-
Comm. and public services	-	-	-	-	-	-	-	-	34859	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	2372	-	-	-	12286	-
NON-ENERGY USE	**-**	**-**	**-**	**115**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	115	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	3	-	-	-	-	-	-	-	-	2093
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2093**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	13
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**28**
Electricity plants	-	-	-	-	-	-	-	-	-	-	28
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**88**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	88
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1990**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**567**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	65
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	93
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	279
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	42
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	37
Textile and leather	-	-	-	-	-	-	-	-	-	-	51
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1423**
Residential	-	-	-	-	-	-	-	-	-	-	944
Comm. and public services	-	-	-	-	-	-	-	-	-	-	479
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	3	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	57	80	486	83	7	775
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	1887	-	-	-	-	44	52	3	-	203
Exports	-	-	-	-	-	-	-23	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-111
Intl. aviation bunkers	-	-	-	-	-	-	-	-78	-	-
Stock changes	75	-	-	-	-	2	28	-3	-	-
DOMESTIC SUPPLY	**1962**	**-**	**-**	**-**	**57**	**126**	**543**	**5**	**7**	**867**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-1	-	-	-	4	11	-1	1	1	-26
TRANSFORMATION	**1953**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**69**
Electricity plants	-	-	-	-	-	-	-	-	-	69
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	1953	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**53**	**1**	**-**	**-**	**-**	**2**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	53	1	-	-	-	2
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	8	-	-	-	8	1	-	1	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**135**	**542**	**5**	**8**	**770**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**17**	**-**	**-**	**-**	**13**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	2	-	-	-	1
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	1
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	7	-	-	-	4
Paper, pulp and print	-	-	-	-	-	2	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	2
Construction	-	-	-	-	-	6	-	-	-	4
Textile and leather	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**534**	**5**	**-**	**591**
Domestic aviation	-	-	-	-	-	-	-	5	-	-
Road	-	-	-	-	-	-	534	-	-	579
Rail	-	-	-	-	-	-	-	-	-	2
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	10
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**118**	**8**	**-**	**6**	**166**
Residential	-	-	-	-	-	103	-	-	6	-
Comm. and public services	-	-	-	-	-	6	1	-	-	21
Agriculture/forestry	-	-	-	-	-	9	7	-	-	128
Fishing	-	-	-	-	-	-	-	-	-	17
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	2	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	359	-	34	46	69777	74	-	-	13011	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	108	-	99	26	63	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-1267	-
Intl. marine bunkers	-107	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-10	-	-40	-2	-	-8	-	-	-	-
DOMESTIC SUPPLY	**350**	**-**	**93**	**70**	**69840**	**66**	**-**	**-**	**11744**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-8	-	-1	-	2	-1	-	-	5	-
TRANSFORMATION	**111**	**-**	**-**	**-**	**9550**	**-**	**-**	**-**	**-**	**-**
Electricity plants	111	-	-	-	3785	-	-	-	-	-
CHP plants	-	-	-	-	5765	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**45**	**-**	**34**	**-**	**-**	**-**	**-**	**-**	**362**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	45	-	34	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	362	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	4	-	-	-	-	1	-	-	1253	-
FINAL CONSUMPTION	**182**	**-**	**58**	**70**	**60292**	**64**	**-**	**-**	**10134**	**-**
INDUSTRY	**162**	**-**	**57**	**-**	**45609**	**1**	**-**	**-**	**2907**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	13	-	-	-	180	-	-	-	571	-
Non-ferrous metals	1	-	-	-	-	-	-	-	-	-
Non-metallic minerals	13	-	-	-	239	-	-	-	99	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	23	-	-	-	5958	-	-	-	890	-
Paper, pulp and print	98	-	-	-	14120	-	-	-	878	-
Wood and wood products	-	-	-	-	84	-	-	-	99	-
Construction	11	-	-	-	172	-	-	-	280	-
Textile and leather	3	-	-	-	528	-	-	-	90	-
Non-specified	-	-	57	-	24328	1	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**56**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	56	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**20**	**-**	**-**	**-**	**14683**	**7**	**-**	**-**	**7227**	**-**
Residential	12	-	-	-	12251	-	-	-	4027	-
Comm. and public services	7	-	-	-	967	1	-	-	2925	-
Agriculture/forestry	-	-	-	-	1465	6	-	-	269	-
Fishing	1	-	-	-	-	-	-	-	6	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**1**	**70**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	70	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	1	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	408	-	3989	-	-	-	-	-	-	2339267
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-41	-	-	-	-	-	-	-556968
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**408**	**-**	**3948**	**-**	**-**	**-**	**-**	**-**	**-**	**1782299**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**2815**	**-**	**-**	**-**	**-**	**-**	**-**	**667505**
Electricity plants	-	-	-	1509	-	-	-	-	-	-	288510
CHP plants	-	-	-	1301	-	-	-	-	-	-	294931
Heat plants	-	-	-	5	-	-	-	-	-	-	84064
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**7**	**-**	**-**	**-**	**-**	**-**	**-**	**63234**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	14166
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	7	-	-	-	-	-	-	7815
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	41253
Losses	-	-	-	39	-	-	-	-	-	-	59320
FINAL CONSUMPTION	**-**	**408**	**-**	**1087**	**-**	**-**	**-**	**-**	**-**	**-**	**992240**
INDUSTRY	**-**	**408**	**-**	**192**	**-**	**-**	**-**	**-**	**-**	**-**	**235584**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	408	-	192	-	-	-	-	-	-	235584
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**51775**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	2287
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	49488
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**895**	**-**	**-**	**-**	**-**	**-**	**-**	**645610**
Residential	-	-	-	48	-	-	-	-	-	-	533251
Comm. and public services	-	-	-	-	-	-	-	-	-	-	106659
Agriculture/forestry	-	-	-	13	-	-	-	-	-	-	5700
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	834	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**59271**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	59271
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	2961	-	-	-	91	17	1041	118	44	1019
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	19	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-22	-	-	-138
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**2961**	**-**	**-**	**19**	**91**	**17**	**1019**	**118**	**44**	**881**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	1	-	-	-
TRANSFORMATION	**2878**	**-**	**-**	**19**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	2878	-	-	19	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**6**	**-**	**-**	**-**	**91**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	6	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	91	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	30	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**47**	**-**	**-**	**-**	**-**	**17**	**1020**	**118**	**44**	**881**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**46**	**-**	**7**	**85**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	3	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	42	-	-	85
Textile and leather	-	-	-	-	-	-	-	-	7	-
Non-specified	-	-	-	-	-	-	1	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**6**	**948**	**118**	**-**	**257**
Domestic aviation	-	-	-	-	-	-	-	118	-	-
Road	-	-	-	-	-	6	948	-	-	204
Rail	-	-	-	-	-	-	-	-	-	53
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**11**	**26**	**-**	**37**	**539**
Residential	-	-	-	-	-	6	1	-	1	3
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	22	-	7	452
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	5	3	-	29	84
NON-ENERGY USE	**47**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	47	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	198	-	19	317	166	-	-	-	55400	98584
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	13216	-
Exports	-	-	-	-40	-	-	-	-	-13122	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**198**	**-**	**19**	**277**	**166**	**-**	**-**	**-**	**55494**	**98584**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-1	-	-	-	-	-	-
TRANSFORMATION	**65**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	26	-	-	-	-	-	-	-	-	-
CHP plants	34	-	-	-	-	-	-	-	-	-
Heat plants	5	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4748**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	3	-	-	-	-	-	-	-	3157	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	1591	-
Losses	-	-	-	-	-	-	-	-	4884	-
FINAL CONSUMPTION	**130**	**-**	**19**	**276**	**166**	**-**	**-**	**-**	**45862**	**98584**
INDUSTRY	**1**	**-**	**19**	**2**	**-**	**-**	**-**	**-**	**17563**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	1	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	2	-	-	-	-	-	-
Non-specified	-	-	19	-	-	-	-	-	17563	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1509**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	183	-
Pipeline transport	-	-	-	-	-	-	-	-	965	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	361	-
OTHER	**129**	**-**	**-**	**4**	**166**	**-**	**-**	**-**	**26790**	**98584**
Residential	127	-	-	1	-	-	-	-	8309	-
Comm. and public services	-	-	-	-	-	-	-	-	3553	-
Agriculture/forestry	1	-	-	1	-	-	-	-	14928	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	1	-	-	2	166	-	-	-	-	98584
NON-ENERGY USE	**-**	**-**	**-**	**270**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	217	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	53	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	1200	-	-	-	-	-	-	-	-	914262
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	33968
Exports	-	-930	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**270**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**948230**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**273413**
Electricity plants	-	-	-	-	-	-	-	-	-	-	273413
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**276906**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	276906
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**270**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**397911**
INDUSTRY	**-**	**270**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**349881**
Iron and steel	-	-	-	-	-	-	-	-	-	-	107541
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	94968
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	14783
Non-metallic minerals	-	270	-	-	-	-	-	-	-	-	23280
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	109309
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**306**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	306
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**47724**
Residential	-	-	-	-	-	-	-	-	-	-	36719
Comm. and public services	-	-	-	-	-	-	-	-	-	-	11005
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	140688	6608	-	-	1849	170	11835	2841	68	12082
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-
Exports	-90927	-	-	-	-	-1894	-405	-2250	-	-1210
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-60
Intl. aviation bunkers	-	-	-	-	-	-	-	-591	-	-
Stock changes	-	-	-	-	-	-	-	-	-	717
DOMESTIC SUPPLY	**49761**	**6608**	**-**	**-**	**1849**	**-1724**	**11430**	**-**	**68**	**11529**
Transfers	-	-5641	-	-	-	5641	-	-	-	-
Statistical differences	-	-	-	-	-	-	57	-	-	8
TRANSFORMATION	**49761**	**967**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4526**
Electricity plants	-	-	-	-	-	-	-	-	-	4526
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	49761	967	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**1849**	**-**	**-**	**-**	**-**	**754**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	754
Oil refineries	-	-	-	-	1849	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**3917**	**11487**	**-**	**68**	**6257**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**2474**	**61**	**-**	**67**	**2376**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	2474	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	61	-	67	2376
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**11426**	**-**	**-**	**3860**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	11426	-	-	3860
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**1443**	**-**	**-**	**1**	**21**
Residential	-	-	-	-	-	1072	-	-	1	-
Comm. and public services	-	-	-	-	-	371	-	-	-	21
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	14100	-	4955	1591	30792	-	-	-	127732	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-
Exports	-10091	-	-4626	-264	-	-	-	-	-	-
Intl. marine bunkers	-818	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	53	-	-	-	-	-	-
DOMESTIC SUPPLY	**3191**	**-**	**329**	**1380**	**30792**	**-**	**-**	**-**	**127732**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-34	-	-	-	-	-	-	-	3739	-
TRANSFORMATION	**635**	**-**	**-**	**-**	**187**	**-**	**-**	**-**	**-**	**-**
Electricity plants	635	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	187	-	-	-	-	-
ENERGY IND. OWN USE	**45**	**-**	**329**	**424**	**-**	**-**	**-**	**-**	**7701**	**-**
Fuel mining and extraction	45	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	329	424	-	-	-	-	1847	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	5854	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	46041	-
FINAL CONSUMPTION	**2477**	**-**	**-**	**956**	**30605**	**-**	**-**	**-**	**77729**	**-**
INDUSTRY	**2477**	**-**	**-**	**-**	**19153**	**-**	**-**	**-**	**33461**	**-**
Iron and steel	-	-	-	-	-	-	-	-	2787	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	3126	-
Non-ferrous metals	-	-	-	-	-	-	-	-	7877	-
Non-metallic minerals	58	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	19153	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	2419	-	-	-	-	-	-	-	19671	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**248**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	248	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**11452**	**-**	**-**	**-**	**44020**	**-**
Residential	-	-	-	-	9205	-	-	-	24542	-
Comm. and public services	-	-	-	-	2247	-	-	-	19012	-
Agriculture/forestry	-	-	-	-	-	-	-	-	466	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**956**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	956	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	41678	-	-	-	-	-	-	-	-	415104
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	2536	506	-	178	-	-	-	-	3	-
Exports	-	-10410	-	-	-161	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**33804**	**506**	**-**	**17**	**-**	**-**	**-**	**-**	**3**	**415104**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**13442**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**369380**
Electricity plants	-	13442	-	-	-	-	-	-	-	-	369380
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**20362**	**506**	**-**	**17**	**-**	**-**	**-**	**-**	**3**	**45724**
INDUSTRY	**-**	**17421**	**506**	**-**	**17**	**-**	**-**	**-**	**-**	**3**	**45724**
Iron and steel	-	770	-	-	-	-	-	-	-	-	1838
Chemical and petrochemical	-	400	-	-	-	-	-	-	-	-	18706
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	9643	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	1312	-	-	-	-	-	-	-	-	2205
Paper, pulp and print	-	676	-	-	-	-	-	-	-	-	1016
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	2916	-	-	-	-	-	-	-	-	757
Non-specified	-	1704	506	-	17	-	-	-	-	3	21202
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**2941**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	2119	-	-	-	-	-	-	-	-	-
Comm. and public services	-	781	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	41	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	17889	341	-	-	-	437	2618	78	-	3598
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	801	2435	1209	29	4112
Exports	-9463	-	-	-	-	-62	-200	-312	-3	-522
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-781	-	-
Stock changes	-1009	-	-	-	-	-	-	2	16	29
DOMESTIC SUPPLY	**7417**	**341**	**-**	**-**	**-**	**1176**	**4853**	**196**	**42**	**7217**
Transfers	-	-341	-	-	-	306	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-2
TRANSFORMATION	**7417**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**42**
Electricity plants	-	-	-	-	-	-	-	-	-	42
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	7417	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**1482**	**4853**	**196**	**42**	**7173**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**226**	**-**	**-**	**5**	**1158**
Iron and steel	-	-	-	-	-	4	-	-	-	55
Chemical and petrochemical	-	-	-	-	-	3	-	-	-	63
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	25	-	-	-	59
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	12	-	-	1	69
Paper, pulp and print	-	-	-	-	-	7	-	-	-	34
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	16	-	-	-	77
Non-specified	-	-	-	-	-	159	-	-	4	801
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**4732**	**196**	**-**	**5345**
Domestic aviation	-	-	-	-	-	-	-	196	-	-
Road	-	-	-	-	-	-	4732	-	-	5345
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**1256**	**121**	**-**	**37**	**670**
Residential	-	-	-	-	-	809	-	-	31	38
Comm. and public services	-	-	-	-	-	447	-	-	6	259
Agriculture/forestry	-	-	-	-	-	-	121	-	-	373
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	33	-	-	-	642253	-	-	-	140913	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	676	-	1	2828	-	-	-	-	4128	-
Exports	-258	-	-	-	-	-	-	-	-1507	-
Intl. marine bunkers	-109	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	8	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**350**	**-**	**1**	**2828**	**642253**	**-**	**-**	**-**	**143534**	**-**
Transfers	-	-	-	35	-	-	-	-	-	-
Statistical differences	-2	-	-	-	-	-	-	-	2600	-
TRANSFORMATION	**111**	**-**	**-**	**-**	**38733**	**-**	**-**	**-**	**-**	**-**
Electricity plants	111	-	-	-	665	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	38068	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2281**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	2281	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	12961	-
FINAL CONSUMPTION	**237**	**-**	**1**	**2863**	**603520**	**-**	**-**	**-**	**130892**	**-**
INDUSTRY	**204**	**-**	**-**	**-**	**112819**	**-**	**-**	**-**	**69391**	**-**
Iron and steel	7	-	-	-	-	-	-	-	4979	-
Chemical and petrochemical	8	-	-	-	-	-	-	-	4404	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	12	-	-	-	-	-	-	-	14716	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Food and tobacco	99	-	-	-	-	-	-	-	7444	-
Paper, pulp and print	2	-	-	-	-	-	-	-	6671	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	6408	-
Non-specified	76	-	-	-	112819	-	-	-	24769	-
TRANSPORT	**27**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	27	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**6**	**-**	**-**	**-**	**490701**	**-**	**-**	**-**	**61501**	**-**
Residential	1	-	-	-	490571	-	-	-	47348	-
Comm. and public services	3	-	-	-	130	-	-	-	12397	-
Agriculture/forestry	2	-	-	-	-	-	-	-	1756	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**1**	**2863**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	1	2863	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	-	-	-	-	-	-	-	-	-	390467
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	189	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-347171
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**189**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**43296**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**37478**
Electricity plants	-	-	-	-	-	-	-	-	-	-	37478
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5818**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	5818
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**189**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**189**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	189	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	6725	629	-	-	-	62	161	285	84	761
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	1230	-	-	2070
Exports	-3807	-	-	-	-	-15	-	-194	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-71
Intl. aviation bunkers	-	-	-	-	-	-	-	-91	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**2918**	**629**	**-**	**-**	**-**	**47**	**1391**	**-**	**84**	**2760**
Transfers	-	-629	-	-	-	629	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**2724**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**584**
Electricity plants	-	-	-	-	-	-	-	-	-	584
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	2724	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**194**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**11**
Fuel mining and extraction	194	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	11
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**676**	**1391**	**-**	**84**	**2165**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**651**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	651
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**93**	**1391**	**-**	**-**	**870**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	93	1391	-	-	870
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**583**	**-**	**-**	**84**	**644**
Residential	-	-	-	-	-	583	-	-	84	220
Comm. and public services	-	-	-	-	-	-	-	-	-	154
Agriculture/forestry	-	-	-	-	-	-	-	-	-	270
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	569	651	-	21	4768	-	-	-	7646	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	728	-	-	-	-	-	-	-	-	-
Exports	-435	-651	-	-	-	-	-	-	-	-
Intl. marine bunkers	-17	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**845**	**-**	**-**	**21**	**4768**	**-**	**-**	**-**	**7646**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**601**	**-**	**-**	**-**	**2396**	**-**	**-**	**-**	**-**	**-**
Electricity plants	601	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	2396	-	-	-	-	-
ENERGY IND. OWN USE	**48**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1206**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	48	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	1206	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1970	-
FINAL CONSUMPTION	**196**	**-**	**-**	**21**	**2372**	**-**	**-**	**-**	**4470**	**-**
INDUSTRY	**196**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**161**	**-**
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	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	196	-	-	-	-	-	-	-	161	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**2372**	**-**	**-**	**-**	**4309**	**-**
Residential	-	-	-	-	-	-	-	-	3038	-
Comm. and public services	-	-	-	-	-	-	-	-	750	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	2372	-	-	-	521	-
NON-ENERGY USE	**-**	**-**	**-**	**21**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	21	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	-	159	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**159**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**159**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INDUSTRY	**-**	**159**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
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	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	159	-	-	-	-	-	-	-	-	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	14	11	95	35	35	367
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	560	-	-	-	-	-	203	4	-	91
Exports	-	-	-	-	-	-	-	-	-21	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-39	-	-
Stock changes	141	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**701**	**-**	**-**	**-**	**14**	**11**	**298**	**-**	**14**	**458**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**701**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10**
Electricity plants	-	-	-	-	-	-	-	-	-	10
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	701	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**14**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	14	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**11**	**298**	**-**	**14**	**448**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**1**	**2**	**-**	**-**	**309**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	2	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	1	-	-	-	249
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	49
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	11
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**288**	**-**	**-**	**81**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	288	-	-	66
Rail	-	-	-	-	-	-	-	-	-	15
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**10**	**8**	**-**	**14**	**58**
Residential	-	-	-	-	-	9	-	-	-	-
Comm. and public services	-	-	-	-	-	-	8	-	14	3
Agriculture/forestry	-	-	-	-	-	-	-	-	-	28
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	1	-	-	-	27
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	88	-	-	14	327893	-	-	-	14452	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	27	-	-	57	-	-	-	-	13	-
Exports	-	-	-	-	-	-	-	-	-1256	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**115**	**-**	**-**	**71**	**327893**	**-**	**-**	**-**	**13209**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**74**	**-**	**-**	**-**	**71200**	**-**	**-**	**-**	**-**	**-**
Electricity plants	74	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	71200	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**328**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	328	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	2162	-
FINAL CONSUMPTION	**41**	**-**	**-**	**71**	**256693**	**-**	**-**	**-**	**10719**	**-**
INDUSTRY	**40**	**-**	**-**	**-**	**66630**	**-**	**-**	**-**	**6429**	**-**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	34	-	-	-	-	-	-	-	5871	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	98	-	-	-	62	-
Food and tobacco	-	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	17	-
Textile and leather	-	-	-	-	2575	-	-	-	-	-
Non-specified	6	-	-	-	63957	-	-	-	479	-
TRANSPORT	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**31**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	-	-	31	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	1	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**190064**	**-**	**-**	**-**	**4259**	**-**
Residential	-	-	-	-	190064	-	-	-	3251	-
Comm. and public services	-	-	-	-	-	-	-	-	668	-
Agriculture/forestry	-	-	-	-	-	-	-	-	241	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	99	-
NON-ENERGY USE	**-**	**-**	**-**	**71**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	71	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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SUPPLY AND CONSUMPTION	Coal (kt)						Coal gases (TJ)			Peat (kt)	Natural gas (TJ)
	Coking coal	Other bit. coal / anth.	Sub-bit. coal	Lignite	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases [1]		
Production	422	5361	-	-	310	-	-	1350	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-	-
Imports	-	24	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-207	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-2493	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**422**	**2892**	**-**	**-**	**103**	**-**	**-**	**1350**	**-**	**-**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	6	-	-	-	-	-	-	-	-	-
TRANSFORMATION	**422**	**2605**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	2605	-	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	422	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**24**	**-**	**-**	**-**	**-**	**-**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	24	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**293**	**-**	**-**	**79**	**-**	**-**	**1350**	**-**	**-**	**-**
INDUSTRY	**-**	**239**	**-**	**-**	**79**	**-**	**-**	**1350**	**-**	**-**	**-**
Iron and steel	-	1	-	-	48	-	-	1350	-	-	-
Chemical and petrochemical	-	2	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	81	-	-	-	-	-	-	-	-	-
Transport equipment	-	1	-	-	-	-	-	-	-	-	-
Machinery	-	2	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	2	-	-	-	-	-	-	-	-	-
Food and tobacco	-	98	-	-	-	-	-	-	-	-	-
Paper, pulp and print	-	18	-	-	-	-	-	-	-	-	-
Wood and wood products	-	31	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Textile and leather	-	3	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	31	-	-	-	-	-	-
TRANSPORT	**-**	**24**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	-	-
Rail	-	24	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**30**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential	-	-	-	-	-	-	-	-	-	-	-
Comm. and public services	-	10	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	20	-	-	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-	-
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-	-

1. Includes blast furnace gas and other recovered gases.

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SUPPLY AND CONSUMPTION	Oil (kt)									
	Crude oil [2]	NGL	Feed-stocks	Additives	Refinery gas	LPG / ethane	Motor gasoline [3]	Aviation fuels [4]	Other kerosene	Gas / Diesel [3]
Production	-	-	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	14	337	11	45	804
Exports	-	-	-	-	-	-	-	-	-	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-11	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**-**	**-**	**14**	**337**	**-**	**45**	**804**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-6	-	-	-18
TRANSFORMATION	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**17**
Electricity plants	-	-	-	-	-	-	-	-	-	17
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**17**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	-	17
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	-	-
FINAL CONSUMPTION	**-**	**-**	**-**	**-**	**-**	**14**	**331**	**-**	**45**	**752**
INDUSTRY	**-**	**-**	**-**	**-**	**-**	**-**	**10**	**-**	**3**	**32**
Iron and steel	-	-	-	-	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	1	-	-	1
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	1	-	-	5
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	1	-	-	1
Mining and quarrying	-	-	-	-	-	-	3	-	-	14
Food and tobacco	-	-	-	-	-	-	1	-	-	5
Paper, pulp and print	-	-	-	-	-	-	1	-	-	1
Wood and wood products	-	-	-	-	-	-	-	-	-	1
Construction	-	-	-	-	-	-	1	-	-	3
Textile and leather	-	-	-	-	-	-	-	-	-	1
Non-specified	-	-	-	-	-	-	1	-	3	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**-**	**308**	**-**	**-**	**481**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	308	-	-	439
Rail	-	-	-	-	-	-	-	-	-	42
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**-**	**14**	**13**	**-**	**42**	**239**
Residential	-	-	-	-	-	14	-	-	38	-
Comm. and public services	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry	-	-	-	-	-	-	13	-	1	124
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	3	115
NON-ENERGY USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	-	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

2. Crude oil includes other hydrocarbons such as emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals, etc.
3. Motor gasoline and gas/diesel oil excluding biofuels: do not include the liquid biofuel blended in these products. See liquid biofuels.
4. Aviation fuels includes aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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SUPPLY AND CONSUMPTION	Oil cont. (kt)				Biofuels and waste				Electricity (GWh)	Heat (TJ)
	Fuel oil	Naphtha	Petroleum coke	Other products	Solid bio-fuels [5] (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production	-	-	-	-	305458	43	-	-	10023	-
From other sources	-	-	-	-	-	-	-	-	-	-
Imports	-	-	-	20	-	-	-	-	1127	-
Exports	-	-	-	-	-	-	-	-	-1226	-
Intl. marine bunkers	-	-	-	-	-	-	-	-	-	-
Intl. aviation bunkers	-	-	-	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-	-	-	-
DOMESTIC SUPPLY	**-**	**-**	**-**	**20**	**305458**	**43**	**-**	**-**	**9924**	**-**
Transfers	-	-	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	5	-	-	-	-	146	-
TRANSFORMATION	**-**	**-**	**-**	**-**	**2753**	**-**	**-**	**-**	**-**	**-**
Electricity plants	-	-	-	-	2074	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-	-	-
Coke/pat.fuel/BKB/PB plants	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	679	-	-	-	-	-
ENERGY IND. OWN USE	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**184**	**-**
Fuel mining and extraction	-	-	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-	-	-
Elec., CHP and heat plants	-	-	-	-	-	-	-	-	184	-
Pumped storage plants	-	-	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-	-	-
Losses	-	-	-	-	-	-	-	-	1648	-
FINAL CONSUMPTION	**-**	**-**	**-**	**25**	**302705**	**43**	**-**	**-**	**8238**	**-**
INDUSTRY	**-**	**-**	**-**	**5**	**5620**	**-**	**-**	**-**	**3388**	**-**
Iron and steel	-	-	-	2	-	-	-	-	-	-
Chemical and petrochemical	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	1	-	-	-	-	1613	-
Food and tobacco	-	-	-	1	-	-	-	-	-	-
Paper, pulp and print	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	1	-	-	-	-	-	-
Textile and leather	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	5620	-	-	-	1775	-
TRANSPORT	**-**	**-**	**-**	**-**	**-**	**43**	**-**	**-**	**-**	**-**
Domestic aviation	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	43	-	-	-	-
Rail	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	-	-
OTHER	**-**	**-**	**-**	**-**	**297085**	**-**	**-**	**-**	**4850**	**-**
Residential	-	-	-	-	281631	-	-	-	2742	-
Comm. and public services	-	-	-	-	-	-	-	-	1361	-
Agriculture/forestry	-	-	-	-	15454	-	-	-	687	-
Fishing	-	-	-	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-	-	60	-
NON-ENERGY USE	**-**	**-**	**-**	**20**	**-**	**-**	**-**	**-**	**-**	**-**
in industry/transf./energy	-	-	-	20	-	-	-	-	-	-
of which: chem./petrochem.	-	-	-	-	-	-	-	-	-	-
in transport	-	-	-	-	-	-	-	-	-	-
in other	-	-	-	-	-	-	-	-	-	-

5. Includes both primary and secondary solid biofuels.

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COUNTRY NOTES AND SOURCES

OECD COUNTRIES

General notes

The notes given in this document refer to data for the years 1960 to 2014 published in the book, as well as on CD-ROM and in the on-line data service. In general, more detailed notes are available for data starting in 1990.

Data are obtained through annual submission of five fuel questionnaires from National Administrations, as indicated for each country in the section on sources.

In some instances it has been necessary for the IEA Secretariat to estimate some data; explanations of the estimates are provided in the country notes. For more information on fuel-specific methodologies, please refer to the various IEA information books. Energy data reported for 2015 (shown as 2015p) in the final release are provisional supply data based on submissions received in early 2016 and on monthly submissions to the IEA from member countries.

Revisions on 2014 data may occur for certain countries between this preliminary release and the final release which will be published in August this year.

This section lists a few specific notes that apply to all countries, and it is followed by a series of comprehensive country-specific notes by fuel and flow.

Prior to 1974, most fuel inputs and electricity and heat outputs for autoproducers are included in main activity producers. The figures for the quantities of fuels used for the generation of electricity and heat and the corresponding outputs in CHP and heat plants should be used with caution. Despite estimates introduced by the IEA Secretariat, inputs and outputs are not always consistent. Please refer to notes below under *Electricity and heat*.

Data for anthracite, coking coal, other bituminous coal, sub-bituminous coal and lignite are available separately from 1978. Prior to 1978, only data for hard coal and brown coal (lignite/sub-bituminous coal) are available.

In 1996, the IEA Secretariat extensively revised data on coal and coke use in blast furnaces, and in the iron and steel industry (for those countries with blast furnaces), based on data provided to the OECD Steel Committee and other sources. The quantities of fuels transformed into blast furnace gas have been estimated by the IEA Secretariat based on its blast furnace model.

Moreover, in 1996 and 1997, the IEA Secretariat extensively revised data on biofuels and waste (i.e. solid biofuels, biogases, liquid biofuels, industrial waste and municipal waste) based on data from Eurostat (for the EU-15 Member countries) and on other national sources for other OECD Member countries. As consumption data for biofuels and waste from Eurostat are generally available from 1989, there may be breaks in series between 1988 and 1989 for some EU Member countries. Generally data on biofuels and waste are reported in non-specified prior to 1989 for EU Member countries.

Australia

Source

Department of Industry, Innovation and Science, Canberra.

General note

All data refer to the fiscal year (e.g. July 2013 to June 2014 for 2014).

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Starting with the 2013 edition and following, data for Australia were revised back to 2003 due to the adoption of the National Greenhouse and Energy Reporting (NGER) as the main energy consumption data source for the Australian Energy Statistics. As a result, there are breaks in the time series for many data between 2002 and 2003. The revisions have also introduced some methodological issues. The national statistics appear to have issues identifying inputs and outputs to certain transformation processes such as gas works plants, electricity plants and CHP plants. Energy industry own use and inputs to the transformation processes are sometimes not reported separately in the correct categories. More detail is given in the notes below.

Coal

- **Hard coal** data prior to 1978 may include **sub-bituminous coal**.
- In the 2016 edition, extensive revisions were received to 2010 to 2013 data for many primary and manufactured products causing breaks in production, trade and consumption between 2009 and 2010. Series which begin in 2010 may be reported in other flows until 2009. 2014 data were reported on the same basis as 2010 to 2013.
- In the 2015 edition, increases of production and consumption of **other bituminous coal** for 2013 are due to both new mine capacity and improved classification data. In the 2016 edition, these revisions were extended back to 2010. Apparent switching between **sub-bituminous coal** and **other bituminous coal** between 2009 and 2010 suggests that some **other bituminous coal** was reported as **sub-bituminous coal** prior to this, across several flows.
- Data on **blast furnace gas** for electricity production by autoproducers begins in 1986.
- Reclassification of some **coal** types in the 2013 edition were calculated on an energy basis and resulted in a net increase of quantities of primary coal from 2003 to 2011.
- Breaks in the time series for **gas works gas** between 2008 and 2009 are due to a change of survey, while reduced production and consumption between 2006 and 2008 are due to the removal of some **natural gas** inputs.
- In the 2013 edition, production data for all **manufactured gases** were revised downwards as part of the new national methodology, leading to significant statistical differences.

Supply

- Only **anthracite** for export is reported separately; the remainder that is consumed domestically is included with **other bituminous coal**.
- Export trade in **coke oven coke** between 2005 and 2011 exists, but data are unavailable for reasons of confidentiality.

Transformation

- For 2003 to 2012, **coke oven gas** reported as energy industry own-use in electricity or CHP plants is used for generation purposes, while **natural gas** used for own-use plant support is reported in the transformation sector.
- **Natural gas** consumed to fuel the distribution of **natural gas** in natural gas networks is reported as transformation for **gas works gas** production until 2005.
- The drop in **BKB** production in 2004 was due to a fire in the main production plant.

Consumption

- Consumption in wood and wood products is included in paper, pulp and print from 2001 onwards.
- In the 2016 edition, revisions for 2010 onwards have increased the quantities of **sub-bituminous coal** and decreased the quantities of **other bituminous coal** being used in the non-metallic minerals industry as more accurate information has become available.

Oil

- In the 2016 edition, the Australian Administration revised oil supply/demand data from 2010, resulting in breaks in time series between 2009 and 2010. In particular, crude oil production for selected companies, previously estimated, was replaced by actual data. Transport consumption data (gas/diesel, motor gasoline, LPG) were revised to better align with data from the Australian Petroleum Statistics and the Bureau of Infrastructure, Transport and Regional Economics. A new method was adopted to split gas/diesel inputs between main-activity and autoproducer plants. Finally, *receipts from other sources (natural gas)* of **other hydrocarbons** corresponding to hydrogen used in refineries are now reported. They are also represented as the output of non-specified transformation processes in the balances format

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- An in-depth review of Australian oil statistics, in particular investigation of amounts currently reported under recycled products as well as statistical differences for motor gasoline and bitumen, is on-going and may result in further improvements in the next editions.

Supply

- Imports of fuel oil have been estimated by the Australian administration.
- There is a break in the series for crude oil and NGL between 2001 and 2002.
- The drop in the production of crude oil in 1999 is due to a gas explosion at the Longford plant.
- Prior to 1992, part of the NGL production is included in crude oil.

Natural gas

- In the 2016 edition, the Australian Administration revised natural gas demand data for some flows back to 2010, resulting in breaks in time series between 2009 and 2010.
- In 2015, the Australian Administration revised production and certain consumption data back to 2006. The production figures now include previously uncaptured flows.
- Prior to 1991 natural gas data include ethane.

Transformation

Until 2005, natural gas consumed to fuel the distribution of natural gas in natural gas networks was reported as transformation for gas works gas production.

Consumption

- Between 2009 and 2010 some breaks in series may occur due to changes in methodologies and to improved data sources. Revisions to the consumption data include changes to energy use in liquefaction plants, and a shift of gas works gas (transformation) to *non-specified energy* from 2006 onwards. Revisions to previous years are pending.
- Between 2001 and 2002 there are breaks in series for consumption data due to an industry structural shift and changes in methodology.
- Data for 1999 and 2000 end-use consumption are estimated by the Australian administration.

Biofuels and waste

- In the 2016 edition of this publication, the Australian administration revised data on **primary solid biofuels** back to 2010. This impacts mostly final consumption in the food and tobacco sectors and may create breaks in time series.
- The Australian administration revised the reporting methodology for **biodiesels** starting in 2015 which create break in series between 2014 and 2015p data.
- The data for **biogasoline** and **biodiesel** are not available before 2003 and 2004 respectively.
- From 1996, a different industry consumption breakdown for biofuels and waste is available and leads to breaks in series.

Supply

Biogas production at sewage treatment works is not available.

Electricity and heat

- In the 2016 edition, several **combustible fuel** electricity production series as well as some electricity consumption series were revised by the Australian administration back to 2010 in order to limit the use of estimated data and are causing some breaks.
- From 1992 onwards, **heat** data are not available.

Supply

- The production of electricity from **wind** is available from 1994.
- Electricity production from **solar photovoltaic** starts in 1992 and from **solar thermal** in 2003.

Transformation

- Fuels used for generation by autoproducers represent single fuel-fired units only. The use of fuel in multi-fired units operated by autoproducers is included in industry consumption.
- In 2002, the Australian administration started to use a new survey methodology and reclassified the types of plants between main activity producers and autoproducers.
- Prior to 1986, inputs and outputs from autoproducer CHP plants are not available.
- Prior to 1995, electricity production from **biogases** is included in natural gas.

Consumption

- Prior to 2006, **electricity** consumption in mining and quarrying includes consumption in liquefaction/regasification plants.

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- From 1990 to 2008, **electricity** consumption in wood and wood products is included together with paper, pulp and printing.
- The direct use of **solar heat** (mostly domestic solar panels) is available from 1974.
- **Electricity** consumption in coke ovens has been estimated by the Australian administration from 1974 to 1999.
- Prior to 1974, the breakdown of **electricity** consumption in industry and energy sub-sectors is not available and energy industry consumption is included in industry.
- Prior to 1971 **electricity** consumption in the commercial and public services sector is included in industry.

Austria

Source

Bundesanstalt Statistik Österreich, Vienna.

General note

In the 2016 edition, widespread data revisions were received due to enhanced reporting for 2005 onwards as a consequence of the Austrian Energy Efficiency Act (Bundes-Energieeffizienzgesetz). For some time series, these revisions were extrapolated back to 1990. As a consequence, there may be breaks between 2004 and 2005, and 1989 and 1990.

Coal

- "Trockenkohle" is included with **BKB** because of its high calorific value.
- Since 1996, **gas works gas** is reported with **natural gas** because it is distributed in the same network. The amount of **gas works gas** is negligible and it is mostly consumed by households.
- The last **lignite** mine closed in the second quarter of 2004 and **lignite** use for power generation ceased in 2006.
- LD gas, which should normally be reported as **other recovered gases**, is reported with **blast furnace gas**.
- In the 2016 edition, revisions concerning the iron and steel industry were received for data since 1990. The following flows were impacted by these revisions: inputs to blast furnaces, the breakdown between transformation and own-use energy support, and calorific values.

Oil

In 2016, gasoline type jet fuel was reclassified as aviation gasoline, as a result of an internal review of the refinery internal reporting systems.

Supply

- Exports of **naphtha** are no longer reported from 2014, past values may refer to exports of petrochemical raw material.
- Deliveries of **gas/diesel** to international marine bunkers were revised back to 1990 after implementation of a new study results.
- Prior to 1990, a portion of **naphtha** is included with **other oil products**.

Natural gas

Supply

Export amounts are calculated by the national administration by subtracting stock changes and domestic consumption from import figures.

Transformation

Between 1995 and 1996 there is a break in series for autoproducer electricity and CHP plants due to the availability of more detailed data.

Consumption

- There are inconsistencies in the time series for commercial/public services as this sub-sector is computed as a residual.
- The increase in pipeline transport consumption for 2013 is due to a new methodology of data collection. Historical revisions are pending. Prior to 2000, differences due to measurement are included with distribution losses.

Biofuels and waste

Data for 1986 to 1989 for **solid biofuels**, **industrial waste**, **biogases** and **liquid biofuels** are IEA Secretariat estimates based on information published by OSTAT in *Energieversongung Österreichs Endgültige Energiebilanz*.

Consumption

- In the 2016 edition, improvement in the iron and steel industry data have allowed more precision in

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the consumption, among other for **industrial wastes** in blast furnaces.

- In the 2016 edition, the consumption of **solid biofuel** in the residential sector was revised down from 2005 data.

Electricity and heat

Transformation

- Electricity plants data may include some CHP plants operating in **electricity** only mode.
- A large autoproducer electricity plant was reclassified as an autoproducer CHP plant and therefore creates a break in series for **municipal waste** in 2011.
- In 2009, inputs of **other oil products** to autoproducer CHP plants were reclassified as **refinery gas** and **natural gas**.
- Due to a change in the survey methodology, the **heat** produced in small plants (capacity inferior to 1 MW) is not reported starting in 2002.
- Prior to 2002, data for **biogases** only include plants of 1 MW or larger.
- **Heat from chemical processes** used for **electricity** production is available from 2004.
- Prior to 1981, inputs to main activity producer electricity plants include inputs to CHP plants. All electricity production by CHP plants is included in electricity plants, and only production from combustible fuel sources is taken into account. Autoproducer CHP heat production is included in main activity producer CHP plants. For heat, own use is included in distribution losses.

Consumption

- **Electricity** consumption in oil refineries includes consumption in gas works plants prior to 1991.
- Also prior to 1991, **electricity** consumption in the iron and steel industry includes consumption in coke ovens and blast furnaces.
- From 1990 to 2009, small amounts of **electricity** used in heat pumps have been included in the residential sector.
- Starting in 1990, consumption of **electricity** in the field of electricity supply, district heating and water supply are included in *other energy industry own use*, prior to that it was included in commercial/public services.

Belgium

Source

Observatoire de l'Energie, Brussels.

Coal

- In the 2016 edition, improved data collection has led to some breaks in time series. These revisions include **hard coal** classifications, products and processes in integrated iron and steel manufacture and may be extended further back in future editions.
- **Hard coal** data prior to 1978 may include **sub-bituminous coal**.
- **Other bituminous coal** and **sub-bituminous coal** data reported in *from other sources* refer to coal recuperated from coal dumps.

Supply

- Supply-side data are obtained through surveying questionnaires in lieu of customs data.
- Conventional production of **other bituminous coal** ceased on 31 August 1992.

Consumption

- The decrease of **other bituminous coal** and **coke oven coke** in the iron and steel industry in 2002 is due to the closure of several plants.
- The use of **coke oven gas** in chemical and petrochemical activities ceased in 1996.

Oil

In the 2016 edition, the Belgian administration reviewed and improved the methodology for reporting petrochemical consumption. Energy use of naphtha and LPG in the petrochemical sector, corresponding to recovered gases from the petrochemical process used for heating the installations, is now reported. Previously these amounts were allocated by default to non-energy use. Quantities reported under transformation in petrochemical plants have also been increased as it appeared that the petrochemical sector was returning more oil products to the market either for domestic consumption or exports. Revisions were applied back to 2009.

Supply

- The drop in international marine bunker consumption in 2014 can be at least partly explained by the

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bankruptcy of one of the major players in the bunkering market in the last quarter of 2014.

- Starting from 2013, a new data source was introduced for petroleum coke trade.

Transformation

In 2002, patent fuel plants used fuel oil to increase the calorific value of patent fuel.

Consumption

The decrease of fuel oil in industry consumption since 1993 is due to the introduction of an excise tax as well as increased use of natural gas.

Natural gas

Supply

- Since 2009 gas trade in Belgium includes imported LNG which is regasified and subsequently exported to other countries.
- Between 2005 and 2006 there is a break in stocks levels due to new method of data collection.

Transformation

Between 2008 and 2009, there is a break in efficiency of **natural gas** autoproducer CHP plants due to a change in methodology regarding the reporting of unsold heat.

Consumption

- Between 2010 and 2011, there is a break in time series for the Manufacture of coke and refined petroleum products as well as Mining and quarrying due to revisions on 2011 data. Revisions on 2010 data are expected in the next publication.
- Between 2004 and 2005 and between 2007 and 2008 there are breaks in series for the industry and energy sectors due to a new legislation for data collection.
- In 2003, the large decrease in non-specified industry consumption is due to improvements in data collection.
- Since 2000, natural gas began to replace blast furnace gas in the iron and steel industry.

Biofuels and waste

- Renewable municipal wastes include a share of renewable industrial wastes.
- Data for biodiesels are available starting in 2007 and for biogasoline in 2008.

Supply

Data on pure **biogasoline** and **biodiesels** trade are not available for 2009 and 2010.

Consumption

- **Other liquid biofuels** consumed in power plants reported before 2011 can include **biodiesel**.
- In 2013, a new series for **industrial waste** used in the chemical sector for one region was reported, causing a break series.
- New data on consumption cause breaks in series for **primary solid biofuels** between 2011 and 2012.

Electricity and heat

Supply

- The electricity production under **other sources** represents mainly production at a gas expansion station with heat recovery and at a hydraulic turbine in a waste water treatment plant.
- In 2014, reported **heat** distribution losses decreased due to a more precise estimation method.
- The production of electricity from **wind** is available from 1987.

Transformation

- In 2012, heat production from chemical sources has been estimated by the IEA Secretariat.
- Prior to 2009 some unsold heat was reported in natural gas autoproducer CHP plants, together with the associated natural gas input. This causes the drop in efficiency in 2009.
- In 2007 data, no information was available on heat production in main activity CHP plants for **industrial waste**.
- Heat from chemical processes used for electricity production is available from 2005.
- In 2003, combustion of **municipal waste** for electricity and heat generation purposes increased significantly. However, because a large portion of the heat produced is not used (sold), plant efficiencies dropped significantly between 2002 and 2003.
- In 2000, most autoproducer electricity plants using **combustible fuels** were reclassified as autoproducer CHP plants; the heat production from these plants was used for internal industrial processes and not sold to third parties until 2005.
- For 1998 and 1999, **electricity** production at main activity producer CHP plants with annual heat

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output below 0.5 TJ is reported with main activity producer electricity only plants.

- Prior to 1982, **electricity** production in main activity producer CHP plants is included in production from electricity plants. Also, inputs of fuels for electricity generation in main activity producer electricity plants include inputs for heat production in CHP plants.

Consumption

- For 2012, **electricity** consumption in the mining and quarrying sector has been estimated by the IEA Secretariat.
- For 2012, oil refineries **electricity** consumption has been estimated by the IEA Secretariat based on refinery activity data. Part of the estimated amount has been removed from consumption in the chemical and petrochemical sector.
- Breaks in series may exist between 2007 and 2008 due to revisions of NACE classifications.
- There is no **heat** consumption starting in 2007 in the iron and steel industry because the installation concerned became an autoproducer in July 2006 and the heat is no longer sold.
- Breaks in series exist between 1991 and 1992 for **heat** consumption in chemical and non-specified industry.

Canada

Source

Natural Resources Canada, Ottawa.

General note

From the 2014 edition of this publication, the Canadian administration revised time series back to 2005, using additional data from the Annual Industrial Consumption of Energy, the Annual Survey of Secondary Distributors, the Report on Energy Supply and Demand and the Natural Resources Canada Office of Energy Efficiency. Breaks in time series also between appear 1989 and 1990, due to changes in methodology, incorporated in 2002.

Coal

- Due to a Canadian confidentiality law, it is not possible for the Canadian administration to submit disaggregated series for all of the **coal** types. Between 2002 and 2006, the IEA Secretariat has estimated some of the missing series. The data for 2007 onwards are given directly as reported, however data may be present in non-representative products, and additionally these ad hoc reclassification methodologies contribute significantly to larger than normal statistical differences across products.
- In the 2016 edition, extensive revisions for the period 2005 to 2014 were received as more data became available due to improvements in data collection.
- In the 2014 and 2015 editions, some revisions to the 2004 to 2006 data were received in addition to some time series and products for 2007 to 2011. The Canadian administration is planning to further refine its reporting.
- At this point in time, **oil shale and oil sands** data are not submitted, and this energy source is deemed to enter the supply stream as shale oil (**other hydrocarbons**).
- Due to confidentiality constraints, breakdown of **coal** by type has been estimated by Natural Resources Canada for 2015p.

Transformation

- Injection of pulvervised coal into blast furnaces (**PCI**) occurs, but is not available for confidentiality reasons. Coals consumed in this manner are reported in the iron and steel industry along with other consumption.
- Before 1978, **lignite** inputs to main activity producer heat plants are included in final consumption. Starting in 1979, these inputs are included in main activity producer electricity plants.

Consumption

Due to the unavailability of data, non-energy use of **coke oven coke** and **hard coal** is included with final consumption sectors prior to 1978 and 1980, respectively.

Oil

- In this edition, the Canadian Administration was able to reconcile some historical inconsistencies by reporting inputs and outputs to upgraders. In the supply side, these quantities are reported under Other Hydrocarbons. In the demand side, they are reported under the respective output products (Refinery Gas, Road Diesel, and Petroleum Coke).

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- The Canadian Administration is currently unable to provide a figure for the domestic production of additives, but is working on solutions which will make this possible. Meanwhile, significant statistical differences can be observed for several secondary oil products.

Supply

- In this edition, the Canadian Administration started using customs based trade data to report crude oil imports. Crude oil imports data were revised following this methodology back to 2008.
- In the 2015 edition, the Canadian administration revised the allocation of primary oil products back to 2005. Condensates and pentanes plus are included in crude oil from 2005, in NGL 1990 to 2004 and in LPG prior to 1990. Historical revisions are pending.
- In the 2015 edition, primary oil products imports have been revised back to 2011 to include direct imports of condensates by crude oil producers.
- Production of other hydrocarbons represents synthetic crude oil produced from tar sands.
- From 2005, other hydrocarbons from other sources natural gas corresponds to natural gas used for the upgrading of synthetic crude oil (reported under GTL transformation in the natural gas consumption data) and natural gas used to upgrade petroleum products (reported under non-specified transformation in the natural gas consumption data). From 1990 to 2005, these quantities are reported in indigenous production of other hydrocarbons. Prior to 1990, they are included in the natural gas supply.
- Imports of other hydrocarbons from 1994 to 2000 correspond to Orimulsion imports from Venezuela.
- Refinery output from gas/diesel oil and petroleum coke includes output from oil sands and upgraders.
- Time series for other non-specified oil products may fluctuate as they have been computed as residuals.
- International marine bunkers are included with inland waterways prior to 1978.

Consumption:

Due to confidentiality issues, consumption data for selected products and flows, such as fuel oil and gas/diesel consumption in iron and steel from 2009, are not available. For the same reason, selected products may include estimates provided by the Canadian Administration, such as Fuel Oil and Bitumen data for 2014.

Natural gas

For the 2015 edition, revisions back to 2005 were submitted by the Canadian administration, creating a break in series between 2004 and 2005. Amounts reported as transport equipment; machinery; food, beverages and tobacco; wood and wood products; textiles and leather were reported as *non-specified industry* prior to 2005. Further historical revisions are pending.

Transformation

- In 2000, the increase in main activity producer electricity data is due to new generation plants in Alberta and Ontario.
- Gas-to-liquids (transformation) represents quantities of natural gas consumed in the production of synthetic crude oil.
- *Non-specified transformation* represents quantities of natural gas used for the upgrading of refined oil products.

Consumption

- For 2012, the increase consumption by non-metallic mineral production is due to switching from coal to natural gas in cement manufacturing.
- Prior to 1990 data for consumption of natural gas for construction are not available.
- Prior to 1978, consumption in the non-specified category of the industry sector includes gas used as fuel in oil refineries.
- Prior to 1978, agriculture is included in industry, and no detailed industry sub-sector data are available.

Biofuels and waste

- The split of **municipal waste** reported assumes 65% renewable and 35% non-renewable.
- The IEA Secretariat has estimated the data for **biogases, industrial and municipal waste** from 1990 to 2004, **biogasoline (ethanol)** from 1998 to 2004 based on information supplied by Natural Resources Canada.

Supply

There were no exports of **biogasoline** since 2013.

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Electricity and heat

The breakdown of electricity and heat generation from combustible fuel for 2015p was estimated by the IEA Secretariat.

Supply

- Starting in 2009, a new source has been used for electricity production from **solar**, **wind**, and **tide**. This new source covers production from **solar** and **wind** only from plants with capacity higher than 500 kW.
- **Heat** production includes **heat** produced by **nuclear** power stations for distribution to other consumers up to 1997.

Transformation

- In the 2016 edition of this publication, there was a reclassification from autoproducer to main activity producer for plants fueled by biogases and municipal waste.
- For autoproducers generating electricity with process steam produced from biofuels and waste, the energy required to produce the initial steam is not taken into account by the Canadian Administration and as a result the efficiencies are overstated.
- Secretariat estimates have been made for certain inputs to CHP production based on output. However, incompatibility of data for inputs to and output from thermal production of autoproducers may result in variable efficiency rates.
- The breakdown of electricity and heat generation between natural gas and oil products in main activity producer CHP plants has been estimated by the Canadian Administration starting in 1990. This may cause breaks in the time series between 1989 and 1990.
- Net electricity production by autoproducers prior to 1990 includes production from combustible fuel sources only.
- Inputs of fuels to heat plants are not available for 1979 to 1987.

Consumption

- *Total final consumption* of **solar thermal** energy for 2015p was estimated by the IEA Secretariat based on 2014 data.
- **Electricity** transmission and distribution losses could include statistical difference for certain years.
- Starting from 2012, **heat** consumption in the chemical and petrochemical sector became confidential and is included under the "not elsewhere specified industry" sector.
- The Canadian Administration revised the **electricity** consumption for the commercial and public services sector from 2012 according to a new methodology. This causes a break in the time series between 2011 and 2012.
- Consumption of **electricity** in coal mines is not available between 1982 and 1986.
- Consumption of **electricity** in oil and gas extraction is not available prior to 1987.
- Breaks in the series occur between 1973 and 1974 in agriculture, and between 1987 and 1988 in the industry sector.

Chile

Source

Energía Abierta, Comisión Nacional de Energía, Ministerio de Energía, Santiago.

General notes

- Data are available starting in 1971.
- Data for Chile for 2015p have been estimated by the IEA Secretariat.
- From 1990, consumption in paper and pulp includes forestry and consumption in agriculture is included in non-specified industry. In general, a new methodology has been applied for data since 1990, leading to other breaks in series between 1989 and 1990.

Coal

- **Other bituminous coal** includes **sub-bituminous** coal for all years, if present.
- Data for Chile for 2014 and for 2015p have been estimated by the IEA Secretariat.

Oil

There are breaks in series between 2008 and 2009 due to a change in methodology by the Chilean administration.

Natural gas

Supply

Since 2009 data representing LPG injected into the natural gas distribution network are available. They are reported in *from other sources - oil*.

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Transformation

- For 2009 and 2010, inputs of natural gas to autoproducer CHP plants were estimated by the Chilean administration. For other years, these inputs are included in autoproducer electricity.
- Natural gas used for oil and gas extraction is included in gas consumption for energy use in refineries.

Biofuels and waste

Supply

Production of **landfill gas** ceased in 2001 as landfill sites stopped producing adequate gas to continue collection.

Transformation

A new survey on primary **solid biofuels** causes breaks in production and input to autoproducer CHP between 2011 and 2012.

Consumption

- **Charcoal** production and consumption have been estimated by the IEA Secretariat until 2013. From 2014 data, only the inputs of solid biofuels to charcoal production plants are estimated.
- The Chilean authority applied a new revised methodology for *final consumption* of **primary solid biofuels**. This may lead to data breaks in time series.

Electricity and heat

Supply

The majority of electricity generation *from other sources* is from a conveyor belt transporting crushed rock from high altitude to lower altitude in a mine. A small amount from waste heat is also included.

Transformation

- In 2014 data, input to transformation was taken from the published energy balance, and the output was estimated based on the efficiency reported in previous years.
- Electricity production from **other bituminous coal** includes sub-bituminous coal.
- Production of **chemical heat** used for electricity generation started in 2013. Besides chemical heat data for heat production in CHP and heat plants are not available.
- Increases in electricity from **natural gas** in 2010 are due to the openings of new LNG terminals.
- The split of **electricity** generation by main activity and autoproducer by fuel was estimated by the Chilean Administration for the period 1990 to 2003.

Consumption

- **Solar thermal heat** production for 2012 was estimated by the Chilean administration.
- Prior to 2009, statistical differences are included in distribution losses.

Czech Republic

Source

Czech Statistical Office, Prague.

General notes

- Data are available starting in 1971.
- Due to ongoing review of energy data for 2010-2014, revisions are expected in the 2017 edition.

Coal

- Data for 1990 to 1995 were estimated based on the Czech publication Energy Economy Year Book.
- In 1995, town gas production (included in **gas works gas**) ceased.
- Revisions by the Czech administration have resulted in some breaks in series between 2001 and 2002.
- Coal which had been previously classified as **sub-bituminous coal** until the 2008 edition is now reported under **lignite** for all years.
- Sub-bituminous coal is included in other bituminous coal.
- Increased production and consumption of other recovered gases in 2014 is due to improved tracking of by-products from various transformation processes. Tail gases from the production of carbon black from coal tar are reported here, as are off gases from the manufacture and cleaning of syngas from lignite for an IGCC plant. Historical revisions are expected in future publications.

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Supply

Production *from other sources* of **other bituminous coal** is from coal slurries, and this data is not available for 2015p.

Consumption

- In the 2015 edition, improved reporting enabled revisions to be adopted for certain primary **coal** consumption flows between 2010 and 2012.
- In the 2014 edition, residential consumption for the period 1990 through 2011 was revised for **other bituminous coal**, **lignite**, **coke oven coke** and **BKB**, as more accurate consumption data became available.
- Due to economic restructuring in consumption in the late 1990s (big state enterprises subdividing and/or privatising and the utilisation of new technologies by businesses), there may be breaks in time series in these sectors.

Oil

Data prior to 1994 are estimated by the IEA Secretariat.

Transformation

From 2002 data onwards, some amounts of **fuel oil** have been reclassified under **other products**. This change mainly affects the transformation sector.

Consumption

Between 1998 and 1999, breaks in **gas/diesel** final consumption time series are due to a new data management system implemented by the Czech administration.

Natural gas

Between 1993 and 1994 there are some breaks in series due to a change in the energy balance methodology between former Czechoslovakia and the Czech Republic. Since 1993 data have been officially submitted by the Czech Statistical Office.

Supply

Starting with 2008 data, hydrogen production is reported in petrochemical feedstocks as non-energy use.

Transformation

In 1996 natural gas inputs into gas works ended.

Consumption

Prior to 1994 data in transport are for former Czechoslovakia.

Biofuels and waste

- The restructuring of the Czech electricity market leads to breaks in the time series in all sectors between 1998 and 1999.
- Data for municipal waste are available starting in 1990 and for liquid biofuels starting in 1992.
- Data for solid biofuels are not available prior to 1990.

Consumption

- Hospital waste previously reported as municipal waste is reported under industrial waste since 2008.
- New survey systems cause breaks in final consumption in 1999 and in 2002. Breaks in both supply and consumption of biofuels and waste occur again in 2003.

Electricity and heat

- Electricity statistics from 1971 to 1989 have been estimated by the IEA Secretariat except for final consumption and trade which were submitted by the Czech administration.
- Data from 1990 onwards have been officially submitted by the Czech administration. This may lead to breaks in series between 1989 and 1990.

Supply

- The amount of heat reported under **other sources** is waste heat from the glass industry.
- From 1999 onwards, small amounts of **heat** have been exported to Slovak Republic.

Transformation

- Electricity generated from **waste heat** in CHP plants is included with the total production from **combustible fuels**.
- In the 2016 edition, a revision of the methodology for reporting the production of autoproducer plant running on **combustible fuels** causes multiple breaks in series between 2013 and 2014 for CHP and electricity only plant.
- From 2014, some autoproducer **heat** plants production figures became too small to appear in data collected.
- From 2012 data, new autoproducer **heat** plants were added to the data collection, causing a break in series.
- In 2012, a main activity producer electricity plant using **solid biofuels** started to produce also heat and was reclassified as main activity CHP plant.

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- Due to a reclassification of plant types, there is a break in series in 2011 for **municipal waste** used for electricity and heat generation.
- A different reporting methodology used by the Czech Administration for **biofuels and wastes** causes some breaks in time series between 2002 and 2003.
- In 1999 and 2000, various big enterprises have been divided, sold and merged. This causes breaks in the time series of all types of plants.
- **Industrial waste** use in main activity producer electricity plants is included with **solid biofuels** from 1996.
- Data on **biogases** and waste used in main activity producer CHP and autoproducer heat plants start in 1993.
- Prior to 1990, **electricity** production in main activity producer CHP and autoproducer CHP plants is included in main activity producer electricity plants.
- Prior to 1990, **heat** production excludes heat sold by industry. In addition, heat production prior to 1990 is reported under main activity heat plants because the breakdown by producer and plant type is not available before then.
- The breakdown of net **electricity** production by source is not available prior to 1990.
- Data on **heat** production, and the corresponding fuel inputs, have been estimated from 1980 to 1989 based on consumption in residential and commercial/public services. Prior to that, inputs are included in industry.

Consumption

- The direct use of **solar energy** is available from 2003.
- Prior to 2000, the split of *rail transport* and *non-specified transport* is not available.

Denmark

Source

Danish Energy Agency, Copenhagen.

General note

In the 2004 edition, major revisions were made by the Danish administration for the 1990 to 2001 data, which may cause breaks in time series between 1989 and 1990.

Coal

Supply

- A large increase of **steam coal** imports in 2003 was related to a drought in Scandinavia. Thermal power plants were operated more intensively to replace hydro-generated electricity that was consumed in the country. Additionally, more coal-generated electricity was exported to other countries in the region. Significant fluctuations in demand are also evident for other years for similar reasons, including 2006 and 2013, but exist to a lesser extent.
- Declines in stocks on hand of **steam coal** stem from extensive deployment of renewable generation technologies and policy to further reduce Denmark's utilisation of coal-fired power and implement co-firing with renewable fuels as a part of their *Energy Strategy 2050*.

Oil

- From 1990 onwards, Greenland and the Danish Faroes are not included in the oil data.
- From 2012, due to confidentiality issues, all liquid biofuels are reported under **biodiesel**
- Between 1995 and 2004, **other hydrocarbon** imports and inputs to main activity producer CHP plants represent orimulsion.
- Information on waste oil recycling and final consumption begins in 1989 and is reported in other oil products.
- In 1988, consumption of **gasoline type jet fuel** ceased.
- As of 1987, separate data for **paraffin waxes** are no longer available.
- Prior to 1975, **refinery gas** is reported net of consumption in refineries.

Transformation

- Due to improved survey methods, inputs to electricity and heat generation have been reclassified, causing a break in series between 1993 and 1994. The oil inputs used in industrial sub-sectors for producing surplus heat, which is delivered to district heating networks, are allocated to these industrial sub-sectors.
- In 1994, the marked increase in inputs to CHP production is due to increased electricity exports to Norway.
- From 1974 to 1979, consumption of fuel oil for the CHP production by autoproducers has been estimated.

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Consumption

- Consumption data are based on a detailed survey sent to companies in Denmark every other year. For non-survey years, the consumption figures are estimated by the Danish Energy Agency
- **White spirit** and **lubricants** deliveries are estimated by Denmark.
- For 1994 and 1995, industry detail is based on a new survey.
- Prior to 1990, **gas/diesel oil** and **fuel oil** consumption for fishing are included in domestic navigation

Natural gas

Consumption

In the 2016 edition, the Danish administration has revised **natural gas** consumption in the industry sector from 1990.

Biofuels and waste

Transformation

- From 2012, **biogasoline** trade designated to be blended with motor gasoline is included under **biodiesels**, for confidentiality reasons.
- From 2012, **biodiesel** production was confidential and gathered with imports.

Consumption

In the 2016 edition, the Danish statistics have revised energy consumption in industry sectors causing some breaks in **solid biofuels** consumption between 2010 and 2011.

Electricity and heat

Heat data are not available prior to 1976.

Supply

- The amount of **heat** reported under *other sources* is heat recovered from industrial processes and sold for district heating.
- **Heat** produced for sale by heat pumps starts in 1994.
- **Geothermal** and **solar heat** production for sale is available from 1989.
- From 1984 onwards, small amounts of **heat** have been imported from Germany.
- The production of electricity from **wind** is available from 1978.

Transformation

- Fish oil used in main activity producer heat plants is included with **solid biofuels**.
- Due to the high number of heating companies burning wood chips that are equipped with boilers with flue-gas condensation, the **solid biofuels** heat plants show a high efficiency.
- For some years heat plants for **natural gas** and **biogases** show efficiencies larger than 100%, on a net calorific value basis, due to the use of condensing boilers that recover the latent heat of vaporisation.
- **Biodiesels** and **biogasoline** consumption for electricity and heat production are reported under **other liquid biofuels**, for confidentiality reasons.
- Data for **other liquid biofuels** main activity heat plants are available back to 1994.

Consumption

- In the 2016 edition, the Danish administration has revised **electricity** and **heat** consumption in the industry sector from 1990.
- **Electricity** consumption in *non-specified industry* includes consumption in district heating plants and for the distribution of electricity.
- From 2012, the breakdown of **heat** consumption for industry, the energy sector, agriculture and forestry is estimated by the Danish administration.
- The direct use of **solar thermal** energy is available from 1978.

Estonia

Source

Statistics Estonia, Tallinn.

General note

Data for Estonia are available starting in 1990. Prior to that, they are included in Former Soviet Union in *World Energy Statistics*.

Coal

- In the 2013 edition, data for **oil shale** production for the period 1991 to 1997 were revised to match Estonian GHG National Inventory values. Consumption data remained unchanged.
- Fuels reported as **coke oven coke** and **gas works gas** are the solid and gaseous by-products of oil

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shale liquefaction. Inputs of **oil shale** to "gas works", "coke ovens" and for coal liquefaction plants, while reported separately, combined, are the inputs for retorting in liquefaction plants.

Oil

General note

- In 2012 data, breaks in time series occur for for trade figures, now including re-exports, and for international bunkers.
- For 1990 to 2007, oil data are based on direct communication with Statistics Estonia and UNECE.

Natural gas

Consumption

- In 2014 Estonia's main company in the chemical and petrochemical sector ceased activity, resulting in no non-energy use of natural gas.
- In 2009 Estonia's main producer of fertilisers ceased activity, resulting in a sharp decrease in the non-energy use of natural gas. The plant reopened in 2012.

Biofuels and waste

Data for **biogases** include **landfill gas** starting in 2005.

Electricity and heat

Transformation

- Inputs of fuel oil and gas works gas to transformation processes include shale oil.
- From 1990 to 1999, some of the electricity and heat production are reported under *other oil products* while the inputs are reported under the individual fuels.

Finland

Source

Statistics Finland, Helsinki.

General note

A new survey system and a reclassification of the data lead to breaks in the time series between 1999 and 2000 for most products and sectors. The new survey system is more detailed and has better product coverage, especially in electricity, CHP and heat production, as well as in industry.

Coal

- Hard coal data prior to 1978 may include sub-bituminous coal.
- Coal tar used for non-energy purposes or exported is not reported in either production or consumption.
- In the 2015 edition, revisions were received for some consumption flows of other bituminous coal and coke oven coke, while other recovered gases (from ferrochromium manufacture) were reported separately for the first time, with revisions back to 2000. Prior to 2000, off-gases from ferrochromium manufacture are included in blast furnace gas, and inputs of coke oven coke for ferrochromium manufacture in inputs to blast furnaces instead of non-specified transformation.
- Prior to 2008, peat products are included with peat.
- A large increase of steam coal imports in 2003 is related to a drought in Scandinavia. Thermal power plants were operated more intensively to replace hydro-generated electricity that is consumed in the country. Additionally, more coal-generated electricity was exported to other countries in the region.
- The increase of **other bituminous coal** inputs into main activity producer electricity plants from 1993 to 1994 was due to coal replacing imported electricity and hydro power.
- Production of **gas works gas** ceased in April 1994.

Transformation

- The significant increases and decreases of **other bituminous coal** inputs into main activity producer electricity plants from year to year are due to coal replacing imported electricity and hydro power or vice versa.
- Likewise, **peat** production is highly dependent upon favourable weather conditions and the pricing of other fuels. The decrease in **peat** and **other bituminous coal** usage in main activity electricity plants in 2008 was due to record electricity generation from hydro plants. A similar circumstance occurred in 2012.
- The first coking plant started operation in 1987, hence imports of **coking coal** and production of **coke oven coke** and **coke oven gas** started in that year.

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Oil

- In 2014, the Finnish administration revised the time series for **refinery gas** from 2000 and included flaring of petrochemical gases under *distribution losses*.
- Prior to 2002, **petroleum coke** used as *refinery fuel* was included with refinery gas.
- In 1995, there is a break in series for **oil products** trade due to the aligning of the National Board of Customs trade data collection system with the European Union's Intrastat system.
- **Other hydrocarbons** reported under *receipts from other sources (natural gas)* correspond to hydrogen used in refineries, also represented as the output of non-specified transformation processes in the balances format.

Consumption

Due to a new calculation model, there is a break in **fuel oil** *other consumption* between 1998 and 1999.

Natural gas

Between 1999 and 2000 there are some breaks in the time series due to a new survey system and a reclassification of the data.

Transformation

Consumption in *non-specified transformation* is mainly **natural gas** used for cracking and hydration in oil refineries.

Consumption

- Since 1995 data, the breakdown between *residential* and *commercial/public services* is available due to a new system of data collection.
- Prior to 1989, **natural gas** consumption in *residential* and *agriculture/forestry* has been estimated by the Finnish administration.

Biofuels and waste

- Prior to 2004, industrial waste also included other energy forms such as hydrogen, heat from chemical processes, natural gas and blast furnace gas.
- Data for biogases and industrial waste are available from 1996.

Electricity and heat

Supply

- **Electricity** production in Finland is affected by the connection to the Nord Pool. In period of high waterfalls, importing electricity from other Nordic countries is more economic than producing it. This can cause breaks in the time series.
- **Other sources** include hydrogen and purchased steam.
- The increasing heat production from **heat** pumps in 2007 and 2008 is from the new Katri Vala district heating and cooling plant.
- **Heat from chemical processes** and associated electricity generation are available from 2000.

Transformation

- In the 2016 edition, the allocation of **solar photovoltaic** between main activity and autoproducer plants has been revised.
- From 2014 data, an autoproducer in the field of iron and steel industry running on **coke oven gases** and **blast furnace gases** was sold and is now reported as main-activity producer.
- The increase in heat production from **municipal waste** in 2014 is due to the opening of a new plant.
- In 2014, the new consumption of **liquid biofuels** in main activity electricity plant corresponds to biopyrolisis oil made from wood chips.
- Data on **peat products** electricity and heat generation are available since 2008. Prior to that, they are included in **peat**.
- **Heat** output from autoproducer CHP plants is available starting in 1996 and from autoproducer heat plants starting in 2000; corresponding inputs may be under-reported.
- Before 1999, all electricity production from autoproducers running on **fuelwood** is allocated to CHP plants.
- Electricity and heat production from **biogases** are available from 1996.
- Prior to 1992, outputs from the use of **combustible renewables and waste** to generate electricity and/or heat were included in peat. Therefore, the IEA Secretariat estimated the breakdown of outputs from municipal waste and solid biofuels based on reported inputs.
- Inputs of **liquid fuels** and **natural gas** to CHP plants are included with the inputs of these fuels to main activity producer electricity only and heat only plants prior to 1978.
- Electricity production from **biofuels and waste** is not available between 1974 and 1976.

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Consumption

- A new survey of the *agriculture and forestry* sector leads to breaks in the **electricity** consumption between 2007 and 2008.
- The split of **heat** consumption in the different industry sectors is available starting from 2007. Prior to that, it is aggregated in *non-specified industry*.
- Prior to 2000, consumption of **heat** in *residential* includes consumption in *agriculture/forestry* and *commercial/public services.*
- Consumption of **electricity** in the industry subsector *machinery* includes consumption in transport equipment prior to 1995.

France

Source

Ministère de l'Environnement, de l'Energie et de la Mer, Paris.

General note

From 2012, the energy consumption is more detailed due to a more precise national survey.

Coal

General note

- Production and consumption of **coke oven coke** is estimated by the IEA Secretariat for 2015p based on supply of **coking coal** and pig iron production.
- Hard coal data prior to 1978 may include subbituminous coal.
- For 1989 to 1998, the IEA Secretariat has estimated industry consumption based on *Consommations d'Energie dans l'Industrie*, SESSI.
- Other manufactured gases (oxygen steel furnace gas) are included in blast furnace gas.
- The distinction between coke oven gas consumption, and consumption of other gases produced in the iron and steel sector is ill defined, resulting in jumps in time series and unusual efficiencies.
- Prior to 1985, consumption of colliery gas is included with the use of coke oven gas by autoproducers.

Consumption

Final consumption in industry is estimated by the secretariat from 1986 to 2001 for some products.

Oil

- Statistical differences observed **for motorgasoline** and **naphtha** are partly due to the absence of a specific naphtha category in the customs classification.
- Statistical differences appear for **other products** as a result of different definitions used for this residual category between the customs, refineries, power plants and petrochemical industry.
- In the 2016 edition, new information is available starting from 2013 data for imports of condensates used by the petrochemical sector. These are reported under imports of **NGL**, interproduct transfers of NGL to **other product**s, and consumption of other products.
- From 1991, **additives and oxygenates** data are available.

Supply

- From 2009, transfers of **kerosene type jet fuel** to **white spirit** correspond to kerosene used as a base for making white spirit.
- From 2008 data, refinery intake of **refinery feedstock** and refinery output of **refinery gas** output figures exclude natural gas used in the steam reformer of the Gonfreville refinery.
- From 2008 data, **ethane** refinery output is reported
- From 2002 data onwards, ethylene produced in Lacq is not included in **NGL.**
- From 1998 data, a different treatment of transfers was adopted. Imported oil products needing further refinery processing are no longer reported as **refinery feedstock** imports but as oil product imports and products transferred. **Fuel oil** includes part of the amounts previously reported in **other oil products** from 1999 and various other products from 2001.

Transformation

Starting in 2012, separate data on main activity heat plants inputs are available.

Consumption

- The breakdown between international and domestic marine bunkers is estimated by the French administration.
- Between 2005 and 2006, a break is visible in LPG time series, as consumption from one chemical company was re-classified from energy use to non-energy use. Breaks in LPG time series also appear in 2001 due to improved data collection.

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- From 2000 data, petroleum coke consumption in the non-ferrous metals industry is no longer available separately. Prior to 1982, no breakdown between energy and non-energy use is available for this product.
- From 1998 data, military consumption of kerosene type jetfuel is reported separately from domestic aviation.
- Prior to 1988, LPG includes ethane consumption.
- Prior to 1985, gas/diesel oil residential sector consumption is reported under commerce/public service sector as no separate data were available.

Natural gas

- Between 2008 and 2009, there are some breaks in series due to improvements in the data collection.
- Until 2007, some statistical differences reported by the French utilities were included in distribution losses. Since 2008 these amounts are included under statistical differences.
- Between 1999 and 2000, there are some breaks in series due to a new methodology for preparing the natural gas balances.

Supply

- The total imports and exports data include transit amounts. Revisions are pending.
- From 1990 to 1998, statistical difference includes gas consumption which is not broken down by sector.

Consumption

- Gas for pipelines is included in distribution losses.
- Between 2005 and 2006, there is a break in series in the industry sub-sectors.

Biofuels and waste

Transformation

- Plants using **municipal waste** were reclassified as autoproducer CHP plants from 1995, which leads to a break in series. Breaks in series in 2005 for **municipal waste** and **solid biofuels** are caused by sectoral reclassifications.
- Some **solid biofuels** autoproducer plants were reclassified as main activity plants in 2011.

Consumption

- Production and consumption of **industrial waste** are reported from 2013. Prior to that, they were included in **municipal waste**.
- The breakdown of the final energy consumption of **biogases** was estimated by the French administration from 1970 to 2003.
- A revision of the **solid biofuels** and **biogases** series created breaks in the direct use series between 2004 and 2005.
- In 2014, a new survey on **Solid biofuels** and **Biogases** causes breaks in series between 2013 and 2014. **Biogas** was previously reported under **Solid biofuels** but it is now distinguished.

Electricity and heat

Supply

- All **photovoltaic** plants with capacity above 100kWp are considered as main activity producers, while all plants with capacity below that value are considered autoproducers.
- Heat production from **heat pumps** is available starting from 2013.
- Electricity production from *other sources* is available starting in 2012, representing production of electricity from purchased steam. The input is shown under non-specified transformation.
- Electricity production from **wind** is available from 1990.

Transformation

- Data for heat produced from **combustible fuels** in heat only plants are available starting from 2012.
- In 2012, several plants have been reclassified from electricity only to CHP plants. This causes breaks in the time series for **Municipal wastes** and **Solid biofuels**.
- Electricity production from **geothermal** started in 2011 and stopped in 2012 due to the maintenance of the only plant.
- The amount of heat not sold in autoproducer plants is included in total heat production up to 2010.
- In 2005, auto-producer CHP efficiencies for **biogases** drop due to the opening of a larger, less efficient plant.
- From 2000 several plants have been reclassified from electricity only to CHP plants. This causes breaks in the time series between 1999 and 2000.
- Prior to 2000, inputs and outputs of **oil products** are not available separately and are reported together under **other oil products**. From 2000 to

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2008, there are further classification problems for inputs and outputs of electricity and heat from oil products. The French administration is working to reconcile their data collection methods for the inputs and the outputs for electricity generation.

- A new method of survey and a reclassification between main activity producer electricity plants and autoproducer electricity plants may cause breaks in the series for **other bituminous coal** between 1998 and 1999.
- There was re-classification on auto producer plants using **municipal waste** in 1995, which leads to a break in the time series.
- Net electricity production by auto-producer CHP plants is available from 1989.
- Net **electricity** production by autoproducers prior to 1983 includes production from combustible fuel sources only.

Consumption

- Data on **heat** distribution losses are available only starting from 2012. Prior to that, they were included in final consumption.
- Prior to 2005 data, all the **geothermal** heat consumption was reported as direct use. From 2005 data, some quantities are reported as output of heat plants, resulting in breaks in series for production, transformation and consumption.
- For the 2014 edition of this publication, the French administration revised **electricity** consumption data in the agriculture sector back to 2004, resulting in breaks in time series.
- Consumption of **electricity** for oil and gas extraction includes that used in oil refineries from 1988 to 2000.
- Other non-specified consumption includes exports to Monaco prior to 1992.
- The industry classifications used by the French administration were changed in 1986.
- A large part of energy industry **electricity** consumption in not elsewhere specified is consumption in uranium treatment plants; this electricity consumption is not available prior to 1980.
- There are major breaks in the time series in 1965 when more detailed breakdown of data on **electricity** consumption became available.

Germany

Source

Federal Ministry for Economic Affairs and Energy, Berlin.

General notes

- Data starts in 1960. German data include the new federal states of Germany from 1970 onwards.
- The German administration has changed the methodology for reporting heat over time:
- Starting in 2007, more information is available on main activity heat plants and additional inputs started to be reported for this category. This causes breaks in series between 2006 and 2007.
- Between 2003 and 2006, autoproducer heat output was provided, but no inputs.
- Between 2002 and 2003 and between 2003 and 2004, breaks in series occur, due to the implementation of the Energy Statistics Act, collection concerning heat produced in heat plants and district heating plants became more efficient and more complete.

Coal

- In the 2014 edition, significant revisions were submitted for all primary coal types, derived products and manufactured gases for the period 2003 to 2011 as previous estimations were updated with more accurate information. Revisions primarily affected consumption, including industry and other sectors; but also supply, statistical differences and weighted calorific values.
- Up to 2002, **other bituminous coal** includes **anthracite**.
- Between 1998 and 2005, breaks in series may occur for **coke oven gas** and **blast furnace gas**.
- Between 1990 and 1992, breaks in series may occur due to earlier reclassification of several sectors by the German administration; this particularly affects **BKB**, **lignite** and **coke oven coke**.
- Trade data for 2015p for coal are sourced from monthly customs data.

Transformation

- In 1997, **BKB** inputs to gas works plants stopped.

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- The German administration has changed the methodology for reporting heat. Between 2003 and 2006, autoproducer heat output was provided, but not inputs. Starting in 2007, more information is available on main activity heat plants and additional inputs started to be reported for this category. This causes breaks in series between 2006 and 2007.

Consumption

Consumption of non-renewable municipal waste and other solid biofuels as a reductant occurs in German blast furnaces, but is not currently quantified. Likewise, **coal tar** is a by-product of coke ovens, but not currently reported.

Oil

- From 2000 data, part of the product *Andere Rückstände* (other residues) is included with fuel oil instead of other oil products.
- Starting from 1994 data, there has been a reclassification of jet gasoline to kerosene type jet fuel.
- Prior to 1979 data, **other products** include **paraffin waxes**, **bitumen**, **white spirit & SBP** and **lubricants** for eastern Germany.

Consumption

- Between 2002 and 2003, breaks in series in consumption data are due to structural changes in energy statistics following the newly introduced Energy Statistics Act.
- In 1995 data, a break in **gas/diesel oil** consumption occurs as a result of an alignment with the Classification of the Economic Activities in the European Community (NACE).
- Beginning in 1994, final consumption by individual sector has been improved due to new survey methods instituted by the *Mineröl wirtschaftsverband*.
- In 1989, end-use consumption of **gas/diesel** oil decreased due to an exceptionally warm winter and a lowering of consumer stocks.
- Prior to 1980 data, consumption of **fuel oil** in blast furnaces was included in the iron and steel sector
- Prior to 1970 data, consumption of **refinery gas** in the chemical industry is included with refineries' own consumption.

Natural gas

Between 2009 and 2010, there is a break in series due to a new, more comprehensive legal framework that resulted in methodological changes for production and new calorific values for natural gas.

Supply

Imports data for 2014p were partly estimated by the IEA Secretariat.

Transformation

Prior to 1995, inputs of natural gas for main activity producer heat plants are included with main activity producer CHP plants.

Consumption

- Between 2006 and 2007, there are some breaks in series due to the fact that information on district heating has become available.
- Since 2003, there are no official data for the construction sector.
- Since 2003, consumption in agriculture and other non-specified, which were previously estimated, are no longer shown, and losses data have been included in statistical differences.
- Since 2003, gas consumption in coke ovens was negligible.
- In 2003, there is a break in series for input to electricity and CHP plants (both autoproducers and main activity producers).
- Between 2002 and 2003, there are breaks in series for some sectors due to modifications in reporting methodology.
- Between 1994 and 1995, there are some breaks in series due to the fact that the industry sub-sector breakdown is based on the 1995 NACE classification.
- Also, prior to 1995, end-use consumption data are based on *Arbeitsgemeinschaft Energiebilanzen*.
- Before 1970 there is no detailed breakdown available for the industry sector with the exception of iron and steel and chemical industries.

Biofuels and waste

- In 2011, numerous changes to methodology and classifications have caused many breaks in series.

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- Starting in 2008, **municipal waste** and **industrial waste** data were collected separately. This leads to breaks in the time series between 2004 and 2005.
- Between 1996 and 1997, a new survey for renewables causes breaks in the time series.

Supply

From 2004, trade data for **biogasoline** are available and for **biodiesels** from 2003.

Electricity and heat

- In the 2014 edition, the German Administration performed some major revisions back to 2003. This can lead to breaks in the time series between 2002 and 2003.
- Prior to 1970, **heat** production and consumption have been estimated by the Secretariat based on Energie-bilanz der Bundesrepublic für das Jahr 1990 provided by the German Institute for Economic Research.

Supply

- In some instances, electricity generation from **nuclear**, **hydro**, **solar**, **wind and biogases** in autoproducer electricity plants is confidential or not available and therefore is included in main activity producer electricity plants.
- Since 2011, due to a reclassification of **wind** energy and **solar photovoltaic** in the official legal data of the German Federal Statistical Office, the production is now only reported under main activity producer plants.
- Electricity production **from other sources** is available starting in 2003. This refers to the production of electricity from turbines which are located at pressure drops in fluid transport and from purchased waste heat.
- Prior to 1991, **electricity** trade data includes only trade of the Former Federal Republic of Germany.
- Data on electricity production from **wind** and **solar** are available from 1986 and 1990, respectively.
- Starting in 1984, small amounts of **heat** have been exported to Denmark.

Transformation

- Detailed data by fuel are not available for total **heat** production. The non-allocated part is reported as heat production from **non-specified combustible fuels**.
- From 2003 onwards all **heat** production in autoproducers is considered as non-sold (i.e. for self-use) and, therefore, not reported. Inputs for this heat production are no longer reported in the transformation sector.
- For 2002 and 2003, the German administration did not submit the breakdown of electricity and heat production from **combustible fuels**. The data were estimated as follows: renewables and waste were taken from the Renewables and Waste Questionnaire and the other combustible fuels were estimated pro rata based on 2001 estimates.
- Prior to 2003, **electricity** production in electricity plants includes production from CHP plants and heat production in CHP plants includes production from heat plants.
- Due to the implementation of the Energy Statistics Act, collection concerning heat produced in **heat** plants and district heating plants became more efficient and more complete. This leads to breaks in series between 2002 and 2003 and between 2003 and 2004.
- A new survey for the renewable products can cause breaks in the time series between 1998 and 1999.
- Prior to 1993, all heat production from **BKB/peat briquettes** is included in main activity producer CHP plants.

Consumption

- More information on district heat became available, causing breaks in the time series between 2006 and 2007.
- Data on **geothermal heat** production and direct consumption are only available starting in 2003.
- From 2002, **electricity** consumption in the commercial and public sector includes the construction sector, and the fishing, agriculture and forestry sectors for the whole time series.
- In 2000, revisions from the German administration to the **electricity** consumption data may cause breaks in the time series.
- In 1995, the German Federal Statistics Office reclassified some industrial branches which may cause a break in series in industry sub-sectors.
- Between 1971 and 1980 **electricity** consumption in coal mines includes consumption in coke ovens and BKB plants.

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Greece

Source

Ministry for Environment and Energy, Athens.

Oil

General note

- In the 2016 edition, the Greek administration reclassified **gasoline type jetfuel** as **aviation gasoline** starting from 2009 data.
- Between 2012 and 2013, breaks time in series for **biodiesel**, **lubricants** and stocks appear due to the introduction of a new reporting system.

Supply

Crude oil production stopped on 30 November 1998 and started again in December 1999.

From 1986 data onwards, information on **refinery feedstocks** is available

Transformation

From 1990 onwards, there has been an increased use of **refinery gas** in electricity generation, replacing **fuel oil**.

Consumption

- In 2013 data, the drop of **gas/diesel oil** residential consumption is linked with changes in the taxation of heating oil.
- From 1993 data onwards, more information is available on the allocation of **fuel oil** to specific industrial sub-sectors. Fuel oil consumption in the agriculture and residential sectors has been replaced by **gas/diesel oil** starting in 1993.
- Prior to 1987 data, consumption in the commerce/public services sector is included with residential. Peaks in residential sector consumption in 1978 and 1982 are due to unusually cold winters.

Natural gas

General note

Natural gas produced in Greece has a higher than average gross calorific value due to a high content of C_2/C_4 hydrocarbons.

Supply

- In November 1998 the production of natural gas stopped in and started again in December 1999.
- In 1997, Greece started importing natural gas as a result of a new operational pipeline between Russia and Greece.

Consumption

- In 2011 there is a break in series for the non-ferrous metals due to a new methodology for measuring gas consumption in this sub-sector.
- In 1998, consumption in the residential sector is included with commercial/public services.

Biofuels and waste

- New information on **solid biofuels** is available from 1996 and leads to breaks between 1995 and 1996.
- Data for **biogases** are available from 1990 and data for **industrial waste** from 1992.

Supply

Transformation

- The big increase in delivery of **industrial wastes** to autoproducer CHP plant in 2010 is mainly due to the opening of a new plant.
- Inputs of **solid biofuels** to **charcoal** production are estimated for 2007 to 2010 by the IEA Secretariat assuming an efficiency of 40%.
- **Industrial waste** used in autoproducer CHP plants decreased substantially in 2006 because a plant closed.

Consumption

- **Solid biofuel** consumption in commercial/public services is included in residential until 2011.
- The consumption of **solid biofuel** in the paper, pulp and printing industry is not available from 2003 to 2012.

Electricity and heat

Supply

No production of **solar heat** is reported.

Transformation

- In 2008 a new plant using refinery gas started operating in an experimental phase, causing a low efficiency.

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- Production and consumption of distributed heat (heat sold) that is produced from lignite is available from 1997.
- Data for **biofuels and waste** input and output to transformation are available from 1992.

Consumption

- In the 2016 edition of this publication, there were revisions on direct use of **geothermal** heat, mainly in the commercial and public services and residential sectors.
- Electricity consumption in road is available from 2013.
- A break in series exists between 1991 and 1992 for electricity consumption in transport.
- Direct use of **geothermal** heat in residential is available starting in 2004.
- Electricity consumption in iron and steel and in the non-ferrous metals industry prior to 1971 has been estimated by the Secretariat.

Hungary

Source

Hungarian Energy and Public Utility Regulatory Authority, Budapest.

General notes

- Data are available starting in 1965.
- The Hungarian administration submitted questionnaires to the IEA Secretariat for the first time with 1993 data.

Coal

From 1992, the production of **sub-bituminous** coal has been included with **lignite** due to the low quality of the coal. For 1990 to 1999, the use of this domestic coal in main activity producer electricity and CHP plants has also been reclassified to **lignite**.

Transformation

Autoproducer heat and power plants using **coke oven gas** and **blast furnace gas** were reclassified in 1998 as main activity power plants.

Oil

General note

- Starting from 1998, data for additives and aviation gasoline are available.
- From 1994 onwards, other products include aromatics and other products that were previously included mainly under white spirit.

Prior to 1993, **white spirit** is included in motor gasoline. Data for **refinery gas**, **paraffin waxes** and **lubricants** are partly estimated by the Secretariat.

Consumption

- In the 2016 edition, consumption data for several oil products including **fuel oil, motor gasoline, gas/diesel oil** and **petroleum coke** was revised by the Hungarian administration from 2010 in order to reduce the breaks appearing as a result of the new energy consumption survey introduced in 2014.
- Between 2012 and 2013, breaks remain for some products in flows. In particular, information on the energy use of **naphtha** by the chemical/petrochemical industry is available only from 2013. For prior years, all is reported under non-energy use, except consumption resulting in oil backflows (transformation petrochemical plants).

Natural gas

- Between 2012 and 2013 there are some breaks in series for energy sector, transport and industry consumption due to a new methodology. Historical revisions are pending.
- Between 1996 and 1997 some breaks in series exist due to a new methodology applied by the Hungarian administration.

Transformation

Since 1997 two autoproducer heat plants have been reclassified to main activity producer heat plants.

Consumption

Prior to 2004 iron and steel consumption includes transformation of natural gas in blast furnaces.

Biofuels and waste

Data for **biogases** are available from 2000; **for industrial waste** from 2003; for **biodiesel** production from 2007.

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Electricity and heat

Supply

- *Other sources* electricity production is available from 2013 and represents generation from residual tail gases from the manufacturing of soot.
- **Geothermal** heat production from main activity producer heat plants is available from 1995.
- **Nuclear** electricity production in main activity producer electricity plants is available from 1983.
- Transformation
- From 2014 data, more data suppliers were involved in the process, causing new autoproducer series to appear for **geothermal** and **industrial waste** plants.
- In 2014 data, some CHP plants running on **Industrial waste** and **solid biofuels** produced only heat and were reclassified to heat plants.
- The Hungarian administration reclassified some of their plants between 1996 and 2000, which may lead to breaks in the time series.
- Prior to 2000, electricity output from sub-bituminous coal is included with lignite.
- Electricity and heat production from **solid biofuels** in autoproducer CHP plants is available from 1995.
- Autoproducer electricity, CHP, and heat plants using coke oven gas and blast furnace gas were reclassified as main activity power plants in 1998.

Consumption

Direct use of **geothermal** heat is available from 1990.

Direct use of **solar thermal** heat is available from 2001.

Iceland

Source

National Energy Authority, Reyjkavik.

General notes

- Prior to 1970, final consumption includes inputs and outputs to heat production.
- The industrial classifications used by the Icelandic administration were changed in 1987.

Coal

- Hard coal data prior to 1978 may include sub-bituminous coal.
- Data for Iceland for 2015p have been estimated by the IEA Secretariat.

Consumption:

Final consumption increased in 2000 as a new iron and steel plant came on-line.

Oil

- In 2014, the Icelandic administration revised petroleum coke data from 1990 to exclude imports of anodes for the aluminium industry.
- Oil supply and consumption data for 2008 and 2009 are estimated by the IEA Secretariat.

Biofuels and waste

Data for Iceland for 2015p have been estimated by the IEA Secretariat.

Consumption

- **Biodiesel** consumption in 2014 is estimated by relevant Icelandic authority based on 2013.
- **Biogases** used for transport purposes were reported for the first time in 2007.

Electricity and heat

Supply

The increase in **hydro** and **geothermal** electricity production from 2007 is due to the expansion of the aluminium industry.

Transformation

- The **heat** output from electric boiler was estimated for the years 2012 to 2014.
- From 2013 data, the Hellisheidi **geothermal** power plant, previously reported under main activity electricity plant, was categorised as main activity CHP plant.
- Heat production from **municipal waste** is available from 1993 and stops in 2010.
- In 1998, 60 MW of generating capacity was installed in the **geothermal** CHP plant at Nesjavellir. Since the plant was inoperable for four months, production of **geothermal** heat decreased compared to 1997. The extra electricity capacity

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caused electricity production from **geothermal** to almost double over the same period.

- Electricity production from **geothermal** sources in main activity producer CHP plants is available from 1992.
- Inputs of **electricity** to *electric boilers* for 2015p were estimated by the IEA Secretariat.

Consumption

- The **geothermal** consumption in the industrial sector is reported under non-specified industry, as the Icelandic Administration decided not to estimate the allocation amongst the sub-sectors of industry.
- There were reclassifications in the direct use of **geothermal** heat in 2014 which create breaks in series between 2013 and 2014.
- **Electricity** consumption in non-specified transport includes consumption for ferries and cruise lines.
- Energy industry consumption of **electricity** refers mainly to the use of electricity by the geothermal industry to pump hot water from underground sources.
- The **heat** consumption breakdown by sector for the years 1990 to 2013 was estimated based on the 2014 breakdown.
- The increase of **electricity** consumption in the construction sector from 2004 to 2007 is due to the drilling of tunnels for the Kárahnjúkar power plant.
- The consumption of **electricity** reported in other non-specified corresponds to a NATO base at Keflavik airport which closed in 2005.
- From 1991, energy industry consumption includes **electricity** used for the transport by pipeline of hot water from Nesjavellir to Reykjavik.
- Prior to 1990, all **heat** for space heating was reported in residential.
- The industrial classifications used by the Icelandic Administration changed in 1987.
- Residential sector includes agriculture prior to 1983.
- Prior to 1970, total final consumption includes inputs to and outputs from **heat** production and non-energy use. After 1970, data on inputs and outputs in CHP plants and in main activity producer heat plants (district heat plants) and for non-energy use are separately specified.

Ireland

Sources

- Department of Communications, Energy and Natural Resources, Dublin.
- Sustainable Energy Authority of Ireland, Cork.

Coal

- Due to confidentiality reasons, inputs of **anthracite**, **other bituminous coal** and **peat briquettes** for patent fuel transformation are reported with residential consumption, while production and consumption of **patent fuel** is not reported.
- Prior to 1990, possible imports of **BKB**, if present, are included with imports of **peat products**, as is the case for consumption.

Supply

- Production data for **peat products** (briquettes) are available from 1975.
- Low production of **peat** in 1985 was due to a poor "harvest", as was the case in 2012 where record lows were due to an unusually wet summer.
- Rainfall in 2012 led to the lowest **peat** harvest since IEA records began in 1960, requiring large stock drawdown and increased use of **biomass** for electricity generation. In 2013, production targets were met before the end of the year however production continued in order to further build stocks to alleviate the potential impacts of future weather events.
- The country of origin for imports of **other bituminous coal** is known for 2015p, but unavailable for reasons of confidentiality.

Transformation

- The production of gas works gas ceased in 1987 due to fuel switching to natural gas.
- Other bituminous coal inputs to main activity producer electricity plants increased from 1986 due to three new generating units at Moneypoint coming on-line.
- A reclassification causes a break in the series for peat consumption in the energy industry own use in BKB/peat product plants from 1989 to 1990.

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Oil

- From 2010, *receipts from other sources (natural gas)* of **other hydrocarbons** correspond to hydrogen used in refineries, also represented as the output of non-specified transformation processes in the balances format.
- For confidentiality reasons, inputs of **petroleum coke** into patent fuel transformation are reported with residential consumption.

Consumption

- In 2014, the drop of **fuel oil** consumption in non-metallic minerals sector is linked with the replacement of HFO boilers by natural gas boilers as the primary source of steam for alumina production.
- In 2013 and 2014, **bitumen** consumption data is not available and calculated as residual.
- Between 2008 and 2009, there is a break in series for **gas/diesel oil**, **LPG**, **kerosene type jet fuel** and **petroleum coke** due to a new methodology being applied to sectoral demand by Sustainable Energy Ireland (SEI). This change also explains breaks between 2006 and 2007 for **bitumen**, **lubricants**, **white spirit**, and **paraffin waxes**.
- Between 1989 and 1990, breaks in time series appear for consumption of **gas/diesel oil**, **LPG**, **other kerosene** and **fuel oil** as a result of a detailed consumption survey done for 1993. Data for historical years back to 1990 were revised by the national administration based on the results of this survey.
- From 1986, **gas/diesel oil** consumption in the agricultural sector is available.
- From 1970 to 1977, the split between commercial and public services and agricultural use of **other kerosene** has been estimated by the Secretariat. Consumption in commercial/public services includes quantities used by state-owned agricultural companies.

Natural gas

Supply

Since 1996, the increase in imports is due to the depletion of the Kinsale gas field and the availability of a new pipeline system to the United Kingdom.

Transformation

Since 2006, a different methodology for allocating unsold steam from autoproducer CHP is used. *Non specified transformation* corresponds to natural gas blended with refinery gas.

Consumption

- In 2011 the increase in non-ferrous metals consumption is due to a fuel switch to natural gas.
- In 2007 the increase in machinery consumption is due to changes in industry sub-sector structure and fuel usage.
- In 2004, there is a break in series in food, beverages and tobacco consumption due to a change in methodology.
- In 2003, feedstock use in the petrochemical industry stopped due to the shutdown of a fertiliser plant.
- In 2001, natural gas consumption in the iron and steel industry stopped due to the shutdown of Ireland's main steel plant.
- Prior to 1986, detailed consumption figures for the use of natural gas in industry and other sectors are not available.

Biofuels and waste

Data for **municipal waste** are available from 2009.

Data for **solid biofuels** and **biogases** are available from 1990.

Supply

Prior to 2011, production and trade of **biogasoline** and **biodiesels** cannot be distinguished due to confidentiality issues.

Transformation

In 2012 and 2013, the renewable fraction of tyre-derived fuel (12%) used by a cement plant was reported by the Administration under **renewable municipal waste**; the non-renewable fraction (88%) was reported under **industrial waste**.

Consumption

The consumption of pure **biodiesel** in the industry sector and on the road referred to one site, which did not consume biodiesel in 2014.

Electricity and heat

Supply

Electricity production from **wind** begins in 1992 and from **biogases** in 1996.

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Transformation

- In the 2016 edition, revisions were introduced in the **electricity** generation by fuel from 2010 due to improved data available from the transmission system operator.
- In 2012 a new main activity electricity plant burning **municipal waste** (the Meath plant) started operation.

From 1984 to 1989, inputs of **hard coal** in autoproducer CHP plants have been estimated by the Secretariat.

Consumption

- In 2004, the increase of **electricity** consumption is due to the new light rail transit system in Dublin.
- The decrease of **electricity** consumption in the iron and steel industry from 2001 onwards is due to the fact that the main steel plant in Ireland ceased production.
- Prior to 1990, **electricity** consumption in agriculture is included with residential.
- **Electricity** consumption in the iron and steel industry includes consumption in the non-ferrous metals industry prior to 1990.
- Direct use of **solar thermal heat** is available from 1990.

Israel

Source

Israel Central Bureau of Statistics, Jerusalem.

General notes

- Data are available starting in 1971.
- The statistical data for Israel are supplied by and under the responsibility of the relevant Israeli authorities. The use of such data by the OECD and/or the IEA is without prejudice to the status of the Golan Heights, East Jerusalem and Israeli settlements in the West Bank under the terms of international law.
- Due to the unavailability of data for certain fuels, IEA estimations are also present in Israel data. In particular this is valid for oil data in 2014, **natural gas** data from 2012 onwards, **renewables and waste** data in 2013.

Coal

Israel was unable to provide data for 2015p. These data have been estimated by the IEA Secretariat.

Oil

- Oil data for 2014 are estimated by the IEA Secretariat based on the fuel consumption report from the Ministry of National Infrastructures, Energy and Water Resources, the financial reports of the refineries as well as the electricity inputs submitted to the IEA Secretariat.
- Supply and consumption of kerosene type jet fuel for 2011 and 2012 have been estimated by the IEA Secretariat.
- From 2007 to 2009, oil data are estimated by the IEA Secretariat based on information from the Ministry of National Infrastructures.

Supply

From 2010 onwards, white spirit is included in other products.

Consumption

From 2013, consumption data are based on a new and detailed classification system and on estimations made by the Israeli Administration.

Natural gas

From 2012, all natural gas data, except inputs to electricity production, were estimated by the IEA Secretariat.

Supply

Imports of natural gas began in 2008.

Biofuels and waste

Data for Israel for 2015p have been estimated by the IEA Secretariat.

Consumption

Imports and consumption of **charcoal** were estimated since 2012 based on figures for 2011.

Electricity and heat

Supply

Electricity production from **wind** begins in 2001.

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Transformation

- For 2013 and 2014, **other oil products** inputs to autoproducers electricity plants were estimated by the IEA Secretariat.
- Input to transformation for **biogases** for 2013 and 2014 was estimated by the IEA Secretariat.

Consumption

For 2013, the split of **electricity** consumption in industry is estimated by the IEA Secretariat.

- **Solar thermal** production and direct consumption are estimated since 2012 based on 2011.
- **Electricity** own use, as well as transmission and distribution losses were estimated by the IEA Secretariat from 2010 to 2012.

Italy

Source

Ministry of Economic Development, Rome.

Terna, Rome.

General note

A change in methodology leads to breaks in series for industry and transformation between 2003 and 2004.

Coal

- From 1986 onwards, figures from **lignite** are given using the same methodology as in the Bilancio Energetico Nazionale.
- Due to a change in the survey system, breaks in series may occur between 1997 and 1998 for final consumption.
- The apparent jump in production of **coke oven gas** in 2012 was the consequence of improvements in scope of reporting. As such, coke oven gas data in prior years should be viewed as under-representing production and consumption, and coke oven efficiencies will likewise appear lower than actual.

Transformation

- Reported production of **blast furnace gas** and **other recovered gases** are inputs for electricity generation or CHP. Production of **blast furnace gas** and **other recovered gases** used elsewhere in the iron and steel industry are not reported. As such, reported production and consumption data are lower than actual. Normalisation of blast furnace efficiencies will result in inputs of **coke oven coke** and **other bituminous coal** (PCI) to blast furnaces being lower than reported, with these relocated portions reported alongside generic consumption in the iron and steel industry instead.
- For data since 2001, calorific values for imports of **other bituminous coal** and **sub-bituminous coal** are derived from inputs to main activity electricity generation.
- Prior to 2009, sub-bituminous coal used in main activity electricity plants was included with other bituminous coal.Consumption:
- In 1991, all industrial activities were reclassified on the basis of ISTAT/NACE 91. This has implied some transfers of activities which may result in some anomalies between 1991 and earlier years.

Oil

General note

- For **crude oil**, statistical difference may arise as trade corresponding to stock held for Austria and Germany in the Port of Trieste are not included.
- Inputs to electricity and heat generation have been estimated by the IEA Secretariat for the years 1984 to 1997 based on submissions of the Electricity and heat Questionnaire. All other data for the years 1992 to 1997 and the detailed consumption breakdown for other years have been estimated by the IEA Secretariat based on *Bilancio Energetico Nazionale*. .

Supply

- From 2009 onwards, transfers of **lubricants** could not be disaggregated from refinery output data.
- From 2004 onwards, increased production of **non-specified oil** products is due to methodological changes.
- A new survey to determine the split between international marine bunkers and domestic navigation caused a break in series for **gas/diesel oil** in 1999 and **fuel oil** in 1996.

Consumption

- For **gas/diesel oil**, non-specified use is included in commercial/public services.
- Between 1998 and 1999, due to new surveys, breaks appear in the consumption series.

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Natural gas

Transformation

- Prior to 2008, inputs of natural gas to all heat production in industry were reported in final consumption.
- From 2000 to 2002, for confidentiality reasons, autoproducers are included in main activity producer plants.
- In 1996 the production of gas works gas from natural gas ceased.

Consumption

Since 2007, a more detailed breakdown of consumption for energy industry own use is available.

Biofuels and waste

Supply

Biogasoline includes **bio-ETBE**.

From 2014 edition of this publication, the distinction between trade and production became available for **other liquids biofuels**.

Transformation

In 2008, data for **biofuels and waste** were reclassified, which results in several breaks in the time series for transformation.

Consumption

In the 2016 edition, a methodology used to calculate **solid biofuels** consumption in the residential sector for 2002 to 2014 was updated and this creates a break in series between 2001 and 2002. This also affects the indigenous production of **solid biofuels**. The revisions were limited backwards to 2002 because of reliability issues.

Electricity and heat

Supply

- The production of electricity reported in the category *other fuel sources* refers to electricity produced from turbines which are located at pressure drops in fluid transport.
- The methodology of data collection for **photovoltaic** electricity production changed in 2009 and the distinction between main activity and autoproducer plants could not be determined, causing a break in the time series.

Transformation

- The methodology of data collection for the **geothermal** sector changed in 2010, causing a break in time series between 2009 and 2010.
- Prior to 2009, sub-bituminous coal used in main activity electricity plants was included under other bituminous coal.
- With the introduction of a new survey in 2008, amounts of naphtha and other kerosene that were previously included in *other oil products* have been reported separately in autoproducer CHP plants.
- Prior to 2004, electricity production from orimulsion is confidential and is included with fuel oil.
- Heat production is reported starting in 2004 and includes self-generation in industry.
- From 2000 onwards, the Italian administration defines electricity and heat production from autoproducers as generation from producers that consume more than 70% of their own electricity production. However, for the 2000 to 2002 period, all electricity production from autoproducers is reported with main activity producers.
- The breakdown of renewables and waste inputs into electricity, heat and CHP plants is available from 1989 only. Prior to that year, the total of the different fuels involved is reported as non-specified renewables.
- Prior to 1984, net electricity production by autoproducers includes production from combustible fuel sources only.

Consumption

- *Non specified energy industry own use* includes electricity consumption for blast furnaces. From 2000, it also includes consumption for the distribution of gas and prior to 1989 consumption for uranium extraction.
- The breakdown of heat consumption by sector is estimated by the Italian administration.
- Revisions of the heat final consumption by the Italian administration could lead to breaks between 2010 and 2011.
- From 1981, consumption of electricity in transport includes electricity used for pumping in oil pipelines.

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Japan

Source

The Institute of Energy Economics Japan, Tokyo.

General notes

- Starting in 1990, data are reported on a fiscal year basis (e.g. April 2014 to March 2015 for 2014).
- Between 2004 and 2007, a series of revisions were received from the Japanese Administration. These changes were mainly due to the Government of Japan's efforts to improve the input-output balances in the production of oil products and coal products in response to inquiries from the UNFCCC Secretariat. To cope with this issue, the Japanese Administration established a working group in March 2004. The working group completed its work in April 2006. Many of its conclusions were incorporated in the 2006 edition, but some further revisions to the time series (especially in industry and other) were submitted for the 2007 edition.
- Consumption data for commercial/public services may include consumption in small and medium-size industries. The Japanese administration expects that this shortcoming be corrected in the near future.

Coal

- Other bituminous coal includes sub-bituminous coal.
- Hard coal data prior to 1978 may include sub-bituminous coal.
- In the past two editions, imports of other bituminous coal and coking coal from partner countries have been estimated by the IEA Secretariat for the period 1990-2015p, based on customs data and total imports by coal type.
- In the 2014 edition, further supply-side revisions to data from 1990 through 2011 were received, primarily to imports of other bituminous coal, in order to reconcile differences between submissions to the IEA and UNFCCC.
- The net calorific values for coal and coal products have been recalculated by the IEA Secretariat based upon gross values submitted by Japan.

Supply

Statistical differences in **hard coal** include stock changes since 2001. Large positive differences for several years since 2004 are partly due to stock build by final consumers.

Transformation

- The inputs of **coke oven coke** to blast furnaces as well as the final consumption of **coke oven coke** in the iron and steel industry have been estimated by the IEA Secretariat starting in 1990.
- From 1998, inputs of **coke oven gas**, **blast furnace gas** and **other recovered gases** into autoproducer electricity plants include the amount used to produce electricity with TRT technology (Top pressure Recovery Turbines) which was previously included in industry.
- Inputs of manufactured gases (**coke oven gas**, **blast furnace gas** and **other recovered gases**) to main activity electricity and heat plants are calculated based on outputs and using efficiencies of main activity producers from other fuels. For autoproducers, the specific inputs are known, however the specific electricity production by each gas is estimated based on a pro-rata of the total electricity generation from all gas types.
- Coal injected in blast furnaces (PCI) is classified as **coking coal** in order to be consistent with Japanese trade statistics.

Oil

- In this edition, the Japanese Administration revised several NCVs of both primary and secondary oil products back to 1990. The Japanese administration reviews calorific values every 5 years, with the other most recent revisions occurring in 2005 and in 2013.
- In this edition, the Japanese Administration revised several consumption flows. Based on publicly available information, final consumption data in the Energy Balance Table is now based on a new annual survey. From 2005, consumption data are derived from this new survey, while prior to 2005 data are estimated based on the 2005 data.

Supply

- The high statistical difference for crude oil in 2013 and 2014 is explained by large amount of stocks held on board incoming vessels in port or at mooring in March 2014 (end of Japan's 2013 financial

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year). These amounts are included in the stock change but not in the imports in 2013 annual data.

- Orimulsion was imported for electricity generation between 1991 and 2006.

Transformation

Other hydrocarbons in non-specified transformation represents orimulsion burnt for power generation. Historical revisions are pending.

Consumption

- In this edition, the Japanese Administration revised Road consumption, which is now based on the "Automobile fuel consumption survey" from the Ministry of Land, Infrastructure, Transport and Tourism (MLIT). In the past, the "Statistical report on motor vehicle transport" (from the same Ministry) was used.
- Lubricants consumption is estimated by the Japanese Administration since 2000.

Natural gas

Since 1990 most of the gas works gas production and consumption has been included with natural gas.

Biofuels and waste

- There was a large revision in **municipal waste** data in the 2016 edition of this publication. This revision has removed data for **municipal waste** for the entire time series up to 2010, which create breaks in series between 2009 and 2010 and explains why **municipal waste** is at zero before that.
- For **municipal waste** data, the breakdown between renewable and non-renewable **municipal waste** is estimated by the IEA Secretariat.

Supply

Stock changes in **industrial waste** represent stocked tires on the consumer side reserved for energy production.

Transformation

- Inputs of **solid biofuels** to **charcoal** production are estimated by the IEA Secretariat assuming an efficiency of 40%.
- The **industrial waste** consumption in *the transformation sector (non-specified)* surged in 2013, because of the increase in use of waste plastics for coke production increased.

Electricity and heat

Supply

- Due to the events related to the March 2011 tsunami, the Japanese authorities decided to scale back the level of their **nuclear** program. As a consequence, there was no nuclear electricity generation in 2014. The nuclear electricity generation started again in 2015 and appears in 2015p data.
- **Other sources** electricity represents electricity generated with purchased steam.
- Production of electricity from s**olar photovoltaic** and **wind** in autoproducer electricity plants is understated as it covers only plants with capacity higher than 1000 kW.
- The Japanese administration estimate the electricity input of **electric boilers** based on 100% efficiency.
- The IEA Secretariat estimated the **photovoltaic** (PV) electricity generation from autoproducers from 1992 to 2015p based on an average capacity factor of 12% and capacity data for autoproducers. Autoproducer PV capacity is derived from data from the Japanese administration as well as the IEA Photovoltaic Power Systems Programme (IEA-PVPS) report, “Trends in Photovoltaic Applications” published in 2015. The capacity factor was based on the report “National survey report of PV Power Applications in Japan”, published by IEA-PVPS. The corresponding electricity consumption has been included with other non-specified consumption.
- Production of electricity from **wind** began in 1993.
- Heat produced for sale in main activity producer heat plants from **waste heat** and from **electric boilers** is available from 1977 and 1983, respectively.

Transformation

- Data on **heat** produced for sale by autoproducer heat plants are not available.
- Fuels used and corresponding electricity and heat produced in CHP plants are not included in the CHP data series, but instead are reported as separate **electricity** or **heat** components.
- Heat production from **geothermal** and **solar thermal** sources in Japan is not reported by the Japanese administration.

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- The production of electricity from **solid biofuel** is reported from 2010.
- Prior to 1998, the **electricity** produced using TRT technology (Top pressure Recovery Turbines) was included with electricity generated from solid biofuels. Starting in 1998, it is included with electricity generated from **coal gases**.
- Inputs of **biofuels and waste** for electricity production and related outputs are available from 1982.
- Net electricity production by autoproducers prior to 1982 includes production from **combustible fuel** sources only.
- Between 1972 and 1976, the use of **combustible fuels** in main activity producer heat plants is included in non-specified.

Consumption

- The **electricity** consumption in the *non-specified industry* sector is estimated by the Japanese administration as residual item to include the non-assigned industry consumption. For this reason, the trend in this category could behave erratically.
- In the 2016 edition, the consumption of **electricity** in the *industry* and *other sectors* was entirely reviewed due to the revision of the METI-EBT, which replaced the previously used estimation method by statistical surveys covering data from 2005. The data prior to 2005 was estimated by the Japanese administration based on 2005.
- Consumption of **electricity** in *non-specified industry* includes wood and wood products and construction prior to 1982.

Korea

Source

- Korea Energy Economics Institute, Ulsan.
- Korea National Oil Corporation, Ulsan.

General notes

- Data are available starting in 1971.
- Data for 2002 onwards have been reported on a different basis, causing breaks in series between 2001 and 2002, especially for inputs and outputs to electricity generation and consumption in the iron and steel industry. The Korean administration is planning to revise the historical series as time and resources permit.

Coal

- **Hard coal** data prior to 1978 may include **sub-bituminous coal**.
- Data for **coal** and **coal products** from 1971 to 2001 are based on information provided by the Korean administration, as well as information from the *Yearbook of Energy Statistics 2002*, the *Yearbook of Coal Statistics 2001* (both from the Ministry of Commerce, Industry and Energy), and *Statistics of Electric Power in Korea 2001* (from the Korea Electric Power Corporation). During this period, import data by coal type were estimated by the IEA Secretariat, based on statistics of the exporting countries.
- **Coal tar** production data prior to 2007 are not available at this time.

Transformation

Complementary statistical differences for **manufactured gases** in 2012 are partly the result of classification issues. The national administration is working to improve reporting of coal-derived gases production and consumption.

Consumption

- Consumption of imported **coke oven coke** starting in 2002 is reported under non-specified industry.
- Consumption of **manufactured gases** in the iron and steel industry starting in 2002 includes the consumption in blast furnaces, oxygen steel furnaces and other iron and steel processing plants.
- **Blast furnace gas** used for energy purposes in blast furnaces prior to 2007 are reported in the iron and steel industry.

Oil

Consumption

Inputs of fuel oil to autoproducer electricity and autoproducer CHP are included with final consumption.

Natural gas

Consumption

- Energy industry own use in liquefaction plants includes losses and measuring errors.
- Prior to 2007, consumption of natural gas in machinery was included with transport equipment.

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- From 1987 to 1991, the breakdown of final consumption has been estimated by the IEA Secretariat, as well as the residential subsector for 1992.

Biofuels and waste

- Electricity statistics from 1971 to 1993 have been estimated by the IEA Secretariat based on the Korean National Statistics. Data from 1994 have been submitted by the Korean administration. This leads to breaks in series between 1993 and 1994.
- Heat data are available starting in 1993.

Transformation

- In 2007, some main activity heat plants and autoproducers in the commercial/public services sector were reclassified as main activity CHP plants, resulting in a break in the time series between 2006 and 2007 for **biogases**.
- Inputs to autoproducer heat plants have been estimated by the IEA Secretariat because of efficiency issues for **municipal waste** prior to 2011 and in 2012 and for **biogas** in 2008, 2011 and 2012.
- New plants have been included in the Korean survey creating breaks in series in 2011.

Consumption

There were re-classifications in consumption which create breaks in series between 2013 and 2014 in industrial waste, solid biofuel and biogases.

Electricity and heat

Supply

- The own use of **heat** in heat plants is very irregular due to a lack of data.
- Electricity generation reported under **other sources** is from fuel cells.
- **Heat from chemical processes** that is sold is available from 2008.
- Electricity production using **heat from chemical processes** in copper and zinc plants is available from 2005. The corresponding heat inputs were estimated until 2013 data. In 2014 the corresponding company switched to diesel oil for electricity generation.

Transformation

- From 2011 to 2013 data, the input **of industrial waste** to electricity and heat includes waste gas.
- Prior to 2009, autoproducer **heat** production includes amounts of unsold heat.
- Electricity and heat production by autoproducers using **natural gas** and **liquid fuels** are available from 2000.
- In 2000, the Korean administration started to report **heat** statistics for some heat plants which were not reported before.
- For 1993 to 1999, the breakdown of **heat** output by type of fuel has been estimated by the IEA Secretariat.
- Before 1994, **electricity** production from main activity producer CHP plants is included with main activity producer electricity only plants.

Consumption

- **Geothermal** direct use is overstated as it refers to heat production by geothermal heat pumps, which include inputs of electricity and/or gas in the transformation process.
- **Heat** consumption by subsector was reclassified in 2010 due to new information available on heat sales from autoproducers to end-users by sector.
- Prior to 2008, sales of **electricity** by Korea's main electricity distributor, KEPCO, to the *non-ferrous metals* sector are included in *iron and steel* consumption.
- Production and consumption of **electricity** and **heat** in *oil refineries* and *LNG liquefaction/regasification* plants are included in the *industry* sector. From 2007, oil refinery **electricity** and **heat** production and consumption started to be reported under the correct energy sector.
- Direct use of **geothermal heat** is available from 2002.
- **Heat** consumption by sector is available from 2000.
- Data for **electricity** consumption in the transport equipment sector are included in machinery from 1994 to 1999.

Luxembourg

Source

STATEC, Institut national de la statistique et des études économiques du Grand-Duché du Luxembourg, Luxembourg.

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Coal

- For the 2011 edition, the Luxembourgian administration revised the time series from 2000 for most **coal** and coal products. Time series for **BKB** consumption were revised from 1990.
- Prior to 1978, some **sub-bituminous coal** may be included in **hard coal**.
- Steel production from blast furnaces ceased at the end of 1997.

Natural gas

In 1982 there is a break in series in transformation and industry due to a change in methodology.

Transformation

Since 2002, the increase in the transformation sector is due to a new 350-MW combined cycle power plant.

Consumption

- The breakdown of *total final consumption* for the latest year is preliminary and will be finalised in the next edition of the book.
- Since 2012, methodology to determine final consumption was changed in order to integrate basic data from National Accounts.
- Since 2000, a more detailed breakdown of final consumption data is available due to a change in methodology.
- Since 2000 consumption in the non-ferrous metals sub-sector is included in iron and steel for reasons of confidentiality.
- Prior to 2000 residential consumption includes consumption in commercial/public services and agriculture/forestry.

Biofuels and waste

- Data on **solid biofuels** are available from 1992.
- The Luxembourgian administration changed the reporting methodology of **solid biofuels** starting with 2015p data. The trade figures of wood chips are included in solid biofuels in 2015p data. This creates breaks in time series between 2014 and 2015p.

Transformation

In 2011, the blending of **biogases** with **natural gas** started.

Electricity and heat

- Data for **solar thermal** are available starting in 2001 and for **solar PV** starting in 2000.
- A revision in the classification of power plants by type and the production and consumption data for both **electricity** and **heat** back to 2000 causes breaks in the time series.

Supply

- Most of the **hydro** production shown for Luxembourg is from the Vianden pumped storage plant and is exported directly to Germany.
- Starting in 2005, data for **electricity** transmission and distribution losses were obtained from the network operator. Prior to that, they were estimated by the national administration.

Transformation

- The production of electricity from **solid biofuel** starting in 2013 corresponds to the opening of a new plant burning wood wastes.
- In 2011, the only main activity electricity plant consuming **natural gas** met the requirements to be reclassified as a CHP plant. The plant went offline for some months in 2013.
- Electricity production from **biogases** is available from 1998 and heat production from 2010.
- In 2002, the increase in electricity production is due to a new **natural gas** combined cycle power plant.
- At the end of 1997, the iron and steel industry stopped production of **electricity**.
- Electricity data for **natural gas** autoproducer CHP plants are available starting in 1995, and for main activity CHP plants starting in 1996.
- Prior to 1990, **net electricity** production by autoproducers includes production from combustible fuel sources only.

Consumption

- A change in the data source caused some breaks in the industry **electricity** consumption time series between 2010 and 2011.
- The breakdown of **electricity** consumption in industry is not available from 1990 to 1999.

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Mexico

Source

Secretaría de Energía, Mexico City.

General notes

- Data are available starting in 1971.
- The Mexican administration submitted data directly by questionnaire for the first time with 1992 data. As a result, some breaks in series may occur between 1991 and 1992. For prior years, data are partly estimated based on the publication *Balance Nacional - Energía*.
- In the 2016 edition, the Mexican administration completed a major work on revisions of the time series back to 1990. More revisions to historical data are pending.

Coal

- The Mexican administration is currently undertaking major work on revisions of the time series back to 1990. For several products, only revisions back to 2003 have been provided. Some of these revisions could not be implemented in the 2016 edition. Further revisions to historical data are pending. Revisions for some products include reporting of new consumption flows, increased quantities of coal and higher calorific values, resulting in increases of total primary energy supply.
- **Hard coal** data prior to 1978 may include **sub-bituminous coal**.
- The time series for **blast furnace gas** and inputs of **coke oven coke** to blast furnaces start in 1991.
- Prior to 2003, **other bituminous coal** is either reported as **coking coal** or **sub-bituminous coal**, depending upon usage, while **anthracite** and indigenously produced **lignite** were included with **sub-bituminous coal**. Calorific values currently in use may not accurately reflect any of this.

Consumption

- Use of pulverised coal injection in blast furnaces occurs in Mexico, but is not currently reported.
- Oxygen steel furnace gas production and production of other **other recovered gases** occur as by-products of heavy industry, but are not reported.

IEA estimations

- In the 2015 edition, substantial revisions were submitted by Mexico on **coal** data, but were only able to be incorporated for 2013 data, and 2014 provisional data were required to be estimated by the IEA Secretariat. In this 2016 edition, further revisions from Mexico have been incorporated to all products, mostly for the period 2003 to 2014, but some revisions track back to 1990, and some IEA estimates are also present in Mexico's **coal** data, which are detailed in the following points.
- **Other bituminous coal** imports and consumption in main activity electricity generation for 2003 to 2014 have been moved from **coking coal** where they were reported by Mexico in this submission. (Previously Mexico had reported this coal as **sub-bituminous coal**).
- Imports by country of origin for other **bituminous coal** and **coking coal** are based off partner data and splits provided in earlier cycles.
- **Coke oven coke** production was estimated by the IEA for some years between 1999 and 2012 based off historical and commodities data, as were inputs of **coking coal** to coke ovens between 1990 and 2012.
- Current Mexican methodology estimates production of **coal tar** and **coke oven gas** using **coke oven coke** production as a guide. This was extended for 1990 to 2001 and for years where **coke oven coke** production was estimated by the IEA.
- **Blast furnace gas** production and consumption have been estimated by the IEA based on inputs of **coke oven coke** to blast furnaces in a ratio provided by Mexico, as are the proportions of **blast furnace gas** consumed in autoproducer electricity production, energy support for blast furnaces and consumption elsewhere in the iron and steel industry.
- Trade of **coking coal** and **other bituminous coal** were estimated by the IEA Secretariat based on partner data for 2015p. Consumption data were also estimated for these coal types, as was production and consumption of **blast furnace gas**.

Oil

- In the 2016 edition, major revisions were carried by the Ministry of Energy on the time series back to 1990 based on updated information available from PEMEX, the Mexican Institute of Petroleum and the Federal Electricity Commission (CFE). Revisions include notably crude production, refinery output, gas separation plant production,

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autoproducer generation and road consumption. They lead to higher statistical differences for crude oil between 2001 and 2008.

- New data reported in **additives oxygenates** from 1990 corresponds to methyl tertiary butyl ether.
- From 1993 data, *receipts from other sources (natural gas)* of **other hydrocarbons** correspond to hydrogen used at the Minatitlan refinery, also represented as the output of non-specified transformation processes in the balances format.
- The split between domestic and international aviation consumption of kerosene type jetfuel is not available. By default, all **kerosene type jet fuel** consumption is reported under international aviation.

Supply

- **NGL** production reported in the IEA publications may be different from what is reported in the Mexican energy publications as the IEA includes in its oil data liquids produced in conjunction with natural gas.
- In the 2016 edition, **crude oil** production was revised from 2000 to 2004 based on updated information from PEMEX.
- In the 2016 edition, main revisions were carried to **NGL**, **LPG**, **naphtha**, **ethane** supply. New data became available on input of NGL to refineries prior to 2011. Data on ethane production from gas separation plants (positive transfers from NGL) was revised upwards for 1990 to 1998. LPG gas separation plant production was revised down. Naphtha refinery output was revised upwards from 1990.

Transformation

- In the 2016 edition, data for crude oil refinery input and refinery output of **gas/diesel**, **naphtha**, **refinery gas**, **bitumen**, **paraffin wax** and **other products** were revised back to 1990 (see general note).
- In the 2016 edition, data for **fuel oil** and **gas/diesel** inputs to autoproducer CHP generation became available from CFE from 1999.
- In 2003, a new facility was added to a refinery to produce **petroleum coke.**

Consumption

- In the 2016 edition, **naphtha** non-energy use consumption in the chemical/industry was revised significantly revised down from 1990 to 2008 based on PEMEX information.
- In the 2016 edition, **gas/diesel** and **motorgasoline** road consumption data was revised back to 1990 based on updated information from the Mexican Institute of Petroleum and PEMEX.
- Consumption of **lubricants**, **bitumen** and **paraffin waxes** are available from 1990 and **petroleum coke** from 1993.
- Prior to 1987, the split of **LPG** consumption between residential and commercial/public services has been estimated by the IEA Secretariat.

Natural gas

Natural gas reported in the IEA publications may be different from what is reported in the Mexican energy publications, as IEA includes only dry gas and excludes natural gas liquids.

Consumption

- Losses and pipeline transport have been included in oil and gas extraction.
- From 1993 to 1999, part of energy industry own use and *non-specified industry* data were estimated.
- Since 1993, the breakdown of the energy sector and of other sectors is available.

Biofuels and waste

Supply

Data for **bagasse** production is available from 2008.

Consumption

- Data on **biogases** are available from 1997.
- Data for **solid biofuels** used in autoproducer electricity plants from 1991 to 2005 have been estimated by the Mexican administration.

Electricity and heat

Supply

- Production of main activity producer electricity plants from **wind** is available from 1994.
- Electricity production from **wind** and **solar photovoltaic** is available from 1990.

Transformation

- New autoproducer electricity plants fuelled with **coke oven gases** were put on-line in 1999.

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- Electricity production from **solid biofuels** and **biogases** are available respectively from 1991 and 1997.

Consumption

- Some electricity consumption in energy industry own use is included in the industry sub-sector where it was generated (e.g. the chemical industry, as well as in non-specified industry).
- Direct use of solar thermal heat is available from 1990.

Netherlands

Source

The Netherlands Central Bureau of Statistics, The Hague.

General notes

- The Netherlands Central Bureau of Statistics has conducted reviews and revisions of their energy balance three times; in 2005, 2011 and 2015. The 2005 revisions were to improve basic energy statistics, particularly with respect to carbon and CO_2 reporting, while the 2011 revisions were part of a harmonization program with international energy statistics. The 2015 revisions were the result of increased data collection, availability of new source information, and further alignment with international energy definitions. More details are available here: http://www.cbs.nl.
- In the national statistical system of the Netherlands, use of fuel in manufacturing industries for CHP production is considered to be consumption in transformation. However, in IEA statistics, this own use for heat production (autoproduced heat) is reported under the relevant industry sub-sector, based on estimates provided by the Central Bureau of Statistics.

Coal

International trade into and through the hub ports of Amsterdam and Rotterdam is complicated by the capacity to purchase coal directly at these points. The majority of coal passing through these ports is intended for consumption in European countries other than the Netherlands, so constitutes neither the country of origin or destination and this data has been removed where possible.

Supply

- In the 2015 edition, a conscious decision was made by the Central Bureau of Statistics to move away from accounting for transit, to align more closely with gross trade data, as can be seen with the very large increase in both imports and exports of **other bituminous coal** in 2013 and 2014. Additionally, the majority of **coking coal** imports and exports are similarly included within **other bituminous coal** trade figures.
- In the 2013 edition, non-specified exports for 2011 were estimated by the Central Bureau of Statistics due to a lack of information from key market players.
- For data prior to 2011, stock changes for primary coal types were estimated by the Dutch administration based on trade and consumption data.
- For 1984 to 1986, production *from other sources* of **other bituminous coal** represents a stock of "smalls" washed for re-use.

Consumption

Prior to 1989, non-energy use is included with industry consumption.

Oil

- Data for gas/diesel road consumption become more difficult to collect in 2013, as the distinction in taxation between road diesel and gasoil was abolished.
- Motor gasoline includes other light oils until 2007.
- Some breaks in series occur in 2007 when the Dutch administration has started to report the petrochemical industry according to IEA methodology.
- From 2007, naphtha includes aromatics, naphtha and other light oils.

Consumption

Refinery gas includes chemical gas and is included in chemical industry consumption.

Natural gas

Supply

- In the past, the amounts reported under *production* also included quantities coming from *stock changes*. The reason was that the Dutch Administration could not distinguish between quantities of **natural gas** falling under marketable production and amounts being moved from offshore fields to onshore fields without undergoing any purification

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and/or other necessary production processes. The Dutch Administration informed the IEA Secretariat that starting from 2015p the data reported distinguish between amounts to be reported as *production* and amounts that should be classified as *stock changes*.

Transformation

- The 2009 increase in input to main activity electricity consumption is due to the opening of a new plant in the second half of 2008.
- The 2008 increase in input to autoproducer CHP plant is due to a new autoproducer CHP plant which came on-stream.

Consumption

- Since 1988, commercial/public services consumption includes other non-specified consumption.

Biofuels and waste

Supply

- From 2009 to 2012, and again in 2014 the production and trade of pure **biogasoline** were confidential; net imports were estimated by the Dutch administration based on consumption.

Transformation

- Trade data for **municipal waste** are available from 2011.

Consumption

- From 2014, a better allocation of heat own use was available for **biogas** digester prewarming, and in **municipal waste** burning plants for flue gas cleaning.
- The final consumption of **solid biomass** in the residential and agriculture sector increased due to the results of new surveys and more precise |parameters.

Electricity and heat

Supply

- The decrease of electricity produced from **nuclear** in 2013 data is due to a maintenance period of two and a half months of one nuclear power plant in this year.
- Heat used for electricity production represents waste heat bought from other industries that was generated from **combustible fuels**.
- Electricity **from other sources** represents generation from expansion gases and chemical waste gases (the latter up to 2007).
- The large increase in **electricity** trade in 1999 is due to the liberalisation of the Dutch electricity market. Until 2003, trade data are based on contracted quantities instead of physical flows.
- The decrease of electricity produced from **nuclear** in 1997 is due to the closure for five months of one nuclear power plant.
- Electricity production from **solar photovoltaic** is available from 1990.

Transformation

- **Heat** in *non-specified transformation* represents waste heat bought from other industries that was generated from combustible fuels. The corresponding electricity output is included with that of natural gas.
- Autoproducers heat plants using **refinery gases** are included with autoproducers CHP plants because data are considered confidential.
- **Heat** production in commercial and public services includes production in agriculture.
- All **municipal solid waste** autoproducer electricity and heat only plants have been reclassified by Statistics Netherlands as autoproducers CHP from 2012, causing breaks in the time series.
- Prior to 2008, a few small autoproducer electricity plants using **solid biofuels** were included with main activity plants for reasons of confidentiality.
- In 2006, some **municipal waste** plants changed ownership and were reclassified from electricity only to CHP plants as they started heat projects.
- A new main activity producer CHP plant fuelled by **refinery gas** started up in 1999 and there was a fuel reclassification in 2000.
- For **natural gas**, all electricity production prior to 1998 and all heat production prior to 1995 is included in CHP plants.
- For **biofuels and waste**, all electricity and heat produced prior to 1995 is included in CHP plants.
- Net **electricity** production by autoproducers in the energy industry is not available prior to 1993.
- Heat produced from **biofuels and waste** is available from 1990.
- Prior to 1990, all electricity and heat produced from **coal** is included in CHP plants.

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- Inputs of **hard coal** for electricity production from 1981 to 1989 in terajoules (TJ) are estimated by the Secretariat based on data submitted in kilotonnes (kt) by the Dutch Administration.
- Net electricity production by autoproducers prior to 1988 includes production from **combustible fuel** sources only.
- **Heat** production by fuel in heat plants prior to 1987 are estimated by the Secretariat based on fuel inputs submitted by the Dutch Administration.
- **Heat** production from main activity producer CHP plants and heat plants is available from 1982.
- Prior to 1982, **electricity** production from and inputs to main activity producer CHP plants are included with main activity producer electricity plants.
- For 1970 to 1973, **electricity** output from autoproducer CHP plants has been included with main activity producer CHP plants.

Consumption

- **Electricity** consumption in *commercial and public services* includes small users from other sectors.
- Increasing **electricity** consumption in *agriculture/forestry* is due to expansion of greenhouse farming.
- The absence of **heat** consumption in the *mining and quarrying* subsector starting in 2012 is due to the reclassification of a company done by Statistics Netherlands. The company has merged with a main activity electricity producer.
- Direct use of **geothermal heat** in agriculture/forestry starting in 2008 is due to a new project extracting deep geothermal heat.
- A new reporting methodology starting in 2005 causes breaks in the heat consumption series.
- Prior to 1979, **electricity** consumption in agriculture is included in commercial and public services.

New Zealand

Source

Ministry of Business, Innovation and Employment, Wellington.

General note

Prior to 1994, data refer to fiscal year (April 1993 to March 1994 for 1993). From 1994, data refer to calendar year.

Coal

- In the 2014 edition, the definition of **hard coal** was aligned with the International Recommendations for Energy Statistics. Prior to this, **hard coal** for New Zealand from 1960 to 1977 had contained **sub-bituminous coal**. The portion of **sub-bituminous coal** production and residential consumption has been estimated by the IEA Secretariat for this period and moved to **brown coal**.
- **Peat**, although produced in New Zealand, is not used as a fuel, and is used for agricultural purposes only.
- In the 2011 edition, the New Zealand administration has revised some of the **coal**, natural gas, oil, renewable and electricity time series back to 1990.

Supply

- A detailed breakdown of exports of **coking coal** by country of destination between 2001 and 2011 is estimated by the IEA, based on secondary sources and partner data.

Transformation

- **Sub-bituminous coal** inputs into coke ovens refers to coal that is merged with iron sands and limestone to form the inputs for the multi-hearth-furnaces, kilns and melters that produce direct reduced iron (Glenbrook Steel Site), with off-gases and supplemental and natural gas driving CHP plants. This method, while not the typical iron and steel process, produces similar by-products. The **sub-bituminous coal** inputs are reported under coke oven coke transformation and the resulting off-gases are reported as production of **coke oven gas** and **blast furnace gas**.
- **Blast furnace gas** production and distribution losses prior to 1998 are IEA Secretariat estimates. Portions of this gas will have been used for energy purposes in the multi-hearth furnaces or elsewhere in the plant. Some transformation efficiencies will appear higher than normal due to non-reporting of certain inputs, including some confidential data.

Consumption

- In 2014, the increase in consumption of **sub-bituminous coal** in mines included the combustion of some unsold coal fines for safety reasons.
- In final consumption, some industry data are reported in non-specified industry for confidentiality reasons.

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- Prior to 2010, construction is included with commercial/public services.
- Prior to 2009, mining and quarrying is included in agriculture.

Oil

- From 1998, **gas/diesel oil** includes light fuel oil. Until 1997, light fuel oil is under fuel oil.
- Until 1997, **other hydrocarbons** from natural gas sources correspond to synthetic gasoline production (ceased in February 1997).
- For reasons of confidentiality, beginning in 1994, the New Zealand administration no longer reports data on the production of methanol.

Supply

Between 2013 and 2014, the jump in imports of **jet-kerosene type jetfuel** can be explained by an anticipated strike at the refineries.

Consumption

- Between 2009 and 2010, a break in time series appears for demand of **gas/diesel** as the administration changed its methodology for commercial/public services
- For 1960 to 1973, Consumption data have been estimated by the Secretariat.

Natural gas

Transformation

- The large 1998 increase in input to autoproducer CHP plants is due to two new autoproducer CHP plants.
- In February 1997, production of synthetic gasoline from natural gas ended.

Consumption

- In 2014, non-energy consumption in the Chemical sector ran at full production for the first time in several years (mainly methanol production). This increase approximately matches the increase in natural gas production.
- Between 2012 and 2013 there are breaks in series for the final consumption breakdown due to the introduction of a new survey.
- In 2005, the decline in chemical industry consumption was due to the closure of the Motunui methanol production plant, which was then reopened in late 2008.
- Prior to 2003, gas consumed in industry includes some gas for energy industry own-use. Since 1990, detailed consumption breakdown for industry is available. From 1977 to 1979 and from 1986 to 1989, losses are included in statistical differences.

Electricity and heat

There are several breaks in the series between 1987 and 1988 due to a reorganisation of government departments during 1987.

Supply

- **Heat** outputs from main activity and autoproducer CHP plants are not available.

Transformation

- **Electricity** and **heat** production from **other sources** represents waste heat recovered and used for electricity production.
- For 2002 and 2003, **natural** gas autoproducer electricity includes generation of **electricity** from on-site heat/steam recovery during the combustion of carbon monoxide (CO) gas from the iron making reduction and melting process.
- In 1999, a reclassification of autoproducer plants causes some breaks in the time series.
- Electricity production by autoproducers for **geothermal** is available from 1990.
- The New Zealand administration has updated efficiencies for **electricity** production from **geothermal heat** from 10% to 15% from 1990 onwards; this causes a break in the time series between 1989 and 1990.
- **Heat** from chemical processes used for electricity production is available from 1990 and corresponds to acid plants in the fertiliser industry where sulphur is the main input.
- **Electricity** production by autoproducers from **natural gas** and from **oil** has been estimated by the Secretariat from 1970 to 1973.

Consumption

- A new survey starting from the 2013 data can cause breaks in the final consumption of **electricity**.
- Direct use of **geothermal heat** is available from 1990 and direct use of **solar thermal heat** from 2002.
- From 1974 to 1993 distribution losses include the statistical differences.

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- The classifications used by the administration of New Zealand were changed in 1991.
- Electricity consumption in paper, pulp and printing is included in wood and wood products prior to 1990.

Norway

Source

Statistics Norway, Oslo.

Coal

Other bituminous coal includes lignite.

Production of **coking coal**, **coke oven coke** and **coke oven gas** ceased in the late 1980s.

Supply

- The decrease of **other bituminous coal** production in 2005 is due to a fire in one of the coal mines; this entailed a break in the production for a large part of the year.

Oil

- A major project is being carried by Statistics Norway in order to reduce the statistical differences observed between calculated supply and demand of oil in Norway. In the 2016 edition, new methodologies have been introduced for reporting crude oil, NGL and naphtha (see details below). Balances for motorgasoline, gas/diesel oil, kerosene type jet fuel an fuel oil are also under investigation.
- The IEA Secretariat estimates the net calorific value for Norwegian crude oil based on the oil product outputs of the oil refineries.
- Prior to 1990, **ethane** is included with **LPG**.

Supply

- **Crude oil** production includes condensates.
- Starting with 2014 data, Statistics Norway has changed the source for annual **crude oil** exports to include shipping information collected by the National Petroleum Directorate. Due to data unavailability, monthly export data remain based exclusively on Customs Statistics are significantly lower for 2014.
- Starting from 2014 data, there is a break in **naphtha** supply time series due to a change in reporting methodology adopted by Statistics Norway.
- Prior to 2002 data, part of **LPG** exports was reported as **NGL** exports
- Since 1986, imports of **refinery feedstocks** are reported under the relevant oil product imports.

Transformation

- From 2014 data, the breakdown between **crude oil** and **NGL** refinery intake is available in annual data.
- In 2014, the strong decrease in **crude oil** refinery intake is linked to heavy maintenance work carried in the refineries in fall 2014.
- Starting with 1990 data, **gas/diesel oil** used for autoproduced electricity on oil and gas platforms are reported under energy industry own use.
- From 1970 to 1975, **gas/diesel oil** for electricity generation have been estimated by the Secretariat.

Consumption

- Data on naphtha consumption in Norway is currently unavailable.
- Consumption of lubricants is reported in the industry, as no further breakdown is available.
- In 2005 data, breaks in petroleum coke consumption time series appear due to reallocation in the industry sector. Refinery fuel is reported from 2001 data.
- In 2003 and 1993 data, breaks in time series appear for consumption in the chemical/petrochemical industry due to newly available information.
- Prior to 2000, gas/diesel oil used in fishing is included in agriculture/forestry.

Natural gas

For Norway, supply of natural gas is the residual of two very large and opposite amounts: production and exports. As a result, large statistical differences in some years may lead to discrepancies in the growth rates of supply and demand of natural gas.

Supply

- Since 2008 data on stocks are available.

Transformation

- Since 2007, gas inputs to all electricity and CHP plants are included in autoproducers electricity plants for confidentiality reasons.

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Consumption

- Prior to 2008, natural gas amounts used in gas extraction by offshore platforms were not included in production data.
- Since 2002 domestic navigation is included under *non-specified transport*.
- The 2007 increase in *non-specified transport* is due to the wider use of gas-powered sea vessels.
- Before 2000, energy use in oil and gas extraction also included some final consumption amounts.
- In 1992 the increase in oil and gas extraction is due to the start-up of new fields.
- Consumption for pipeline transport is included in energy industry own use.

Biofuels and waste

- Data for industrial waste and biogases are available from 1991.
- Prior to 2007, equal shares of renewable and non-renewable municipal waste were estimated because the actual split was not known.

Supply

- In 2014, the **biodiesel** production facility closed.
- **Liquid biofuels** imports are available starting in 2006.

Consumption

Distribution losses for **biogases** are included in commercial/public services prior to 2003.

Electricity and heat

Supply

- No data on electricity production from **solar energy** are submitted separately to the IEA by the Norwegian Administration. They were estimated until 2008 based on IEA PVPS implementing agreement.
- The electricity generated from **other sources** represents electricity from waste heat.
- *Distribution losses* includes statistical differences.
- **Heat** produced by autoproducer heat plants from chemical processes and from *other sources* and used for electricity production has been estimated by the IEA Secretariat for the period 1990 to 2006.
- Electricity production from **wind** is available from 1993.
- Heat production from **heat pumps** and **electric boilers** (including the electricity used for this production) is available from 1989.
- **Heat** production is not available prior to 1983.

Transformation

- In the 2016 edition Norway corrected the **industrial waste** consumption in heat plants, and reclassified some the corresponding heat output under **other sources**.
- Starting in 2007, data for **natural gas** electricity and CHP plants are aggregated in autoproducers electricity plants for confidentiality reasons.
- Breaks in the time series between 1996 and 1997 and between 2001 and 2002 are due to a reclassification of main activity producers and autoproducers.
- Heat production from **biogases** is available from 1995.
- Prior to 1991, net **electricity** production by autoproducers by industry sub-sector was estimated by the Secretariat based on data submitted by the Norwegian Administration.
- Data on inputs and outputs in **heat** plants are not available prior to 1983 for main activity heat plants and prior to 1988 for autoproducer heat plants.

Consumption

- Consumption of **electricity** for pipeline transport is included in oil and gas extraction.
- The breakdown of **heat** consumption by industry sub-sector was expanded in 1992, reclassified in 1994 and collected by a new reporting system in 1997.

Poland

Source

Central Statistical Office, Warsaw.

Coal

Other recovered gases which appear in the balances as output from blast furnaces include off-gases from zinc and copper smelting, ceramics kilns and steel production.

Transformation

- In the past two editions, the Central Statistical Office has revised their methodology which ac-

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counts for sold heat produced from autoproducer heat plants using **coking coal** and **other bituminous coal**, resulting in lower, but more accurate data for 2007 onwards.

Consumption

- Agriculture/forestry for **BKB**, and own use in power stations for **lignite** are residual flows, so may contain statistical differences and other consumption not reported elsewhere. As a consequence, changes and consumption in these time series may not be wholly representative of the activities shown.
- Prior to 2010, own use in coal mines included workers' take home allowance, which should be included in residential consumption.

Oil

From 1997, *receipts from other sources (natural gas)* of **other hydrocarbons** correspond to hydrogen used in refineries, also represented as the output of *non-specified transformation processes* in the balances format.

Natural gas

Transformation

- *Non-specified transformation* data represent natural gas used for hydrogen manufacture in catalytic reforming processes.

Consumption

- Natural gas reported in associated production contains some heavier hydrocarbons. This results in a high gross calorific value for production.
- Distribution losses may include some statistical differences. Non-specified energy includes gas used for heating and pumping operations in the distribution network.

Biofuels and waste

- Data on biodiesels are available from 2005; biogasoline data from 2003; and other liquid biofuels data from 2009.
- In 2008, a new questionnaire was administered which increased the coverage of renewable and waste data.
- Several breaks in the industrial wastes series are caused by difficulties in the classification of wastes.
- Production of **other liquid biofuels** surged in 2015 because a new company started to report their biofuel production to the Polish authorities.

Transformation

- Before 2000, **industrial wastes** were used interchangeably with **light fuel oil** in some plants, which might result in breaks in the time series.

Consumption

- Until 1998, data for industrial waste include gaseous industrial waste, causing a break between 1997 and 1998.
- Data for biogases refer only to the gas from fermentation of biomass.
- Between 1992 and 1993, due to data availability, there is a large increase in solid biofuels for residential, commercial/public services and agriculture/forestry.

Electricity and heat

Prior to 2010, **heat** supply and consumption can include autoproducers unsold heat. Previous attempts to address such issue may have caused breaks for heat production and fuel in autoproducer heat plants (1993) and in autoproducer CHP plants, and for heat consumption in industry sub-sectors.

Supply

- Electricity and heat from **chemical heat** and other sources are available from 2011. Prior to that, these amounts could be included under different categories.
- **Heat** distribution losses are available from 2010 and prior to that they are included in consumption.
- Heat production from **heat pumps** is available from 2009.

Transformation

- In 2008, a number of CHP plants were reclassified from autoproducer to main activity producer due to an industry re-organisation.
- Electricity production in autoproducer electricity plants is available from 1986.

Consumption

- **Heat** consumption in energy industry own use includes process heat not sold before 1995.

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- Direct use of **geothermal heat** is available from 2000 and direct use of **solar thermal heat** in commercial/public services from 2002 and in residential from 2009.

Portugal

Source

Direcção-Geral de Energia e Geologia, Lisbon.

Coal

Hard coal data prior to 1978 may include **sub-bituminous coal**.

Consumption

- Between 1997 and 2001 **gas works gas** was gradually replaced by **natural gas** in the commercial/public service and residential sectors.
- The production of pig iron ceased in the first quarter of 2001, leading to decreases in supply and consumption of **coking coal**, **coke oven coke**, **coke oven gas** and **blast furnace gas** in 2001.

Oil

A new hydrocracking unit started operations in Sines Refinery in April 2013. This explains the 2013 increase in **refinery feedstock** imports, as well as middle distillate production.

Supply

- In the 2016 edition, Portugal started to report *receipts from other sources (natural gas)* of **other hydrocarbons** starting in 2012, corresponding to hydrogen used in refineries, also represented as the output of *non-specified transformation processes* in the balances format.

Consumption

- Consumption of **gas/diesel oil** in *industry* and commercial/public services represents diesel use in mobile fleets.

Natural gas

Supply

- In February 1997, Portugal started to import natural gas.

Transformation

- Since 2012, data reported for Non-specified (Transformation) represent natural gas used for hydrogen manufacture. Prior to this year, these quantities are reported under Petroleum Refineries.
- The 2002 decrease in natural gas used for gas works is due to the closing of the Lisbon gas works plant in May 2001.

Biofuels and waste

- Data are available from 1994 for **biogases**, from 1999 for **municipal waste** and from 2003 for **industrial waste**.
- Data for **solid biofuels** were revised by the National administration from 1990 to 2001, which may result in breaks in series between 1989 and 1990.

Consumption

- Between 2009 and 2010 a new survey on energy consumption in households creates a break in series in the **solid biofuel** consumption in residential series.
- Data on **solid biofuels** were further revised based on a new survey on industry, resulting in breaks in sub-sectoral consumption for 2012.

Electricity and heat

Supply

Production of electricity from **solar photovoltaic** and **wind** are available from 1989.

Transformation

- Electricity production from **other oil products** refers to methanol.
- In 2007, some power plants that were previously reported as main activity CHP have been reclassified as autoproducer CHP.
- In 2007, the power station that burns **industrial waste** started to work as a CHP plant, whereas previously it was only producing electricity.
- New plants fuelled by **solid biofuels** and by **municipal waste** started in 1999.
- Prior to 1992, net electricity production by autoproducers includes production from combustible fuel sources only.

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- Production of **electricity** in main activity producer CHP plants and the associated fuel inputs are not available prior to 1980.

Consumption

- Direct use of **solar thermal heat** is available from 1989 and direct use of **geothermal heat** from 1994.

Slovak Republic

Source

Statistical Office of the Slovak Republic, Bratislava.

General notes

- Data are available starting in 1971.
- The Slovak Republic became a separate state in 1993 and harmonised its statistics to EU standards in 2000. These two facts lead to several breaks in time series between 1992 and 1993, and between 2000 and 2001.

Coal

- Commercial/public services also includes statistical differences for **other bituminous coal**, **lignite**, **patent fuel** and **coke oven coke** from 1980 onwards and **BKB** from 1989 onwards.
- Breaks in time series may exist between 2000 and 2001 as the result of the implementation of a new survey system.
- Data for **anthracite**, **patent fuel** and **coal tar** all begin in 2005. Prior to this, **anthracite** was included with other hard coals, and **patent fuel** and **coal tar** data were not reported.
- Since 2005, data for **coal tar** and **patent fuel** are based solely on trade receipts. Production of **coal tar** which is consumed within the national boundary is not reported. Consumption of **patent fuel** adopts the residual methodology for statistical differences described above.

Oil

From 2001 onwards, **kerosene type jet fuel** includes small amounts of **other kerosene**.

Transformation

- Between 2008 and 2009, one of the companies changed its status from autoproducer CHP plant to main activity producer CHP plant, resulting in a decrease in **fuel oil** consumption for autoproducer CHP.

Consumption

- For **gas/diesel** oil, road data include rail use.
- Small quantities of **kerosene type jet fuel** used for domestic aviation are included in international aviation bunkers data.

Energy use of white spirit is not available.

Natural gas

Since 2009 data for losses are no longer available.

Transformation

- In 2014, the decrease in Autoproducer CHP plants consumption was due to a plant closure.
- Amounts in *other transformations* mainly represent natural gas used for production of hydrogen and in hydrocracking for gasoline.

Consumption

- In 2001, there is a break in series for energy use in oil and gas extraction due to the application of the IEA's definition starting that year.
- From 2013, the Slovak Administration adopted a new estimate of the consumption for commercial/public services. Prior to 2013, there are inconsistencies in the time series as this sub-sector was computed as a residual.

Biofuels and waste

Prior to 2001, the data reported as **industrial waste** include **biogases** and **municipal waste**.

Electricity and heat

Data for **solar photovoltaic** are available from 2010.

Transformation

- Electricity and heat production from combustible fuels from 1990 to 2000 have been estimated based on the data on fuel used for electricity and heat plants reported in the annual fuel questionnaires.
- Prior to 2001, electricity generation from primary **solid biofuels**, **municipal waste** and **biogases** are included with **industrial waste**.

Consumption

- The low electricity consumption in oil refineries in 2003 and 2004 is due to a change in ownership and work carried out on a refinery.

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- Direct use of **geothermal heat** is available from 2001 and direct use of **solar thermal heat** from 2005.

Slovenia

Source

- Statistical Office of the Republic of Slovenia, Ljubljana.
- A new energy data collection system was implemented in January 2001, causing some breaks in time series between 1999 and 2000.

General notes

Data for Slovenia are available starting in 1990. Prior to that, they are included in *World Energy Statistics* in Former Yugoslavia.

Oil

Supply

- Between 2013 and 2014, a break in imports and exports time series for **kerosene type jet fuel** and **fuel oil** appears due to improvements in reporting methodology. New trade corresponds to imports that are first stocked on Slovenian territory and later re-exported.

Consumption

- Time series for **motor gasoline** and **gas/diesel** consumption in road fluctuate as they are computed by the Slovenian administration as residual between the supply and the total consumption of all other categories.

Natural gas

Consumption

- In 2011 the decrease in the chemical sector consumption is due to minimal use of gas for production of methanol.
- There are inconsistencies in the time series for commercial/public services as this sub-sector is computed by the Slovenian administration as a residual.

Biofuels and waste

Consumption

- Breaks in total final consumption for **industrial waste** prior to 2008 are a result of a sectoral reclassification.
- The break in time series between 2008 and 2009 for **solid biofuels** is due to revisions based on a new household survey which is to be carried out on an annual basis.

Electricity and heat

Consumption

- Direct use of **solar thermal** and **geothermal heat** is available from 2009.
- Surveys for data on heat consumption are available from 2003 onwards for the residential, industry and energy sectors. Prior to 2003, the data have been estimated by the Slovenian administration.

Spain

Source

Ministerio de Industria, Energía y Tourismo, Madrid.

Coal

The calorific values for **sub-bituminous coal** are correct on an as received basis, and comply with definitions of **sub-bituminous coal** on a moist, but ash free basis.

Supply

- **Lignite** mining was halted indefinitely in 2008.

Transformation

- Data associated with the **coke oven coke** transformation process are under review by Spain and revised data are pending.

Oil

A change in the reporting system occurred mid-1996 resulting in some breaks in series.

Supply

- The rise in crude production in 2013 is linked with the development of the Montanazo-Lubina deep off shore field.

Consumption

- A more detailed breakdown in some consumption time series appears between 2012 and 2013 due to an update and improvement in the reporting methodology.

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Natural gas

Transformation

- In 1997, the increase in input to main activity producer electricity is due to two main activity producer electricity producers running on natural gas.
- Between 1993 and 1994 there is a break in series in autoproducer CHP plants consumption, since a new survey revealed a large number of CHP autoproducers that were previously included in industry consumption.
- Since 1990 the decrease of natural gas inputs into gas works gas production is due to the substitution of natural gas by manufactured gas.

Consumption

- Since 2001 the final consumption breakdown is estimated by the Spanish administration.
- Between 2005 and 2006 there are some breaks in series for the energy industry own use and for final consumption due to a change in the estimation methodology.
- Since 1988 the increase of natural gas used as feedstock is due to a substitution of naphtha for the production of fertilisers.
- Prior to 1982 natural gas consumption in textiles and leather, transportation equipment and machinery has been included in non-specified industry.

Biofuels and waste

The Spanish administration verifies that production and consumption of **industrial waste** do exist but data are not available since 2001.

Supply

- The **solid biofuels** trade is available starting in 2013.

Transformation

From 2013 data, a revision of the industry sector of some companies causes breaks in series for **solid biofuels**, **municipal wastes** and **biogases**.

Consumption

- A new reporting system leads to breaks in final consumption sectors between 1999 and 2000 and again between 2005 and 2006.
- Prior to 2006, inputs of **biogases** used to generate process heat were erroneously included as inputs to transformation when they should have been reported in the appropriate industry in final consumption.
- The breakdown of **solid biofuel** direct use in the industry sector prior to 1999 is not available.

Electricity and heat

Supply

- Electricity reported under **other sources** is from waste heat.
- Transmission and distribution losses are estimated by the Spanish administration.
- Electricity from **solar thermal** plants is available from 2007.
- From 2005, residential rooftop **solar photovoltaic** electricity production data, previously reported under autoproducer, are included in main activity electricity plants according to the Spanish administration classification.
- Starting in 2006, a new method was used to estimate the losses from final consumption data resulting in a break in time series between 2005 and 2006.
- Electricity production from **wind** and **solar** are reported from 1989 when data became available.

Transformation

- In 2008, a reclassification of plants from main activity to autoproducer has led to breaks in electricity production between 2008 and 2009.
- The National Energy Commission reclassified plants that consume **biogases**, leading to breaks in series between 2007 and 2008.
- In 2000 and 2006, many plants were reclassified from main activity producer to autoproducer or vice versa.
- For 2004 and 2005, electricity production from gas/diesel oil is included with fuel oil.
- The large increase in electricity output from main activity producer electricity plants fuelled by natural gas in 1997 is due to the opening of a new plant.
- Prior to 1989 inputs and outputs from the use of **biofuels and waste** to generate electricity and/or heat (i.e. comprising **solid and liquid biofuels**, **industrial waste**, **municipal waste** and **biogases**) are reported under non-specified **biofuels and waste**.

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- Prior to 1987 **electricity** production in main activity producer CHP plants is included with production from main activity producer electricity plants.
- From 1983, net **electricity** production by autoproducers has been estimated by the Spanish Administration, and includes production from combustible fuel sources only and net electricity production by auto-producer CHP plants is included in electricity plants.

Consumption

- For 2012, the **electricity** consumption data are estimated by the Spanish administration.
- Direct use of **solar thermal heat** is available from 1994.
- Direct use of **geothermal heat** is available from 1990.

Sweden

Sources

- Statistics Sweden, Örebro.
- Swedish Energy Agency (Energimyndigheten), Eskilstuna.

Coal

- **Peat products** may be reported under the category of **peat**, particularly for imports.
- Autoproducer inputs to waste heat production that are sold are reported in the respective final consumption sectors and not in transformation.
- Some mixture of **LNG** with air to form a lower calorie product is reported as **gas works gas** production replacing traditional gas works gas manufacture.

Supply

- **Other bituminous coal** production until 1992 is coal recovered during the quarrying of clay.

Oil

General note

- Swedish stock data include peacetime crisis stocks. Since these stocks may be held in **crude oil** instead of oil products, there may be occurrences of negative stock levels for products.
- Data are available from 2003 for **refinery gas** and from 2000 for **additives** and **ethane**.
- Beginning in 2002, Sweden has changed some of the conversion factors for some products. That explains the small breaks in series between 2001 and 2002.

Transformation

- From 2014**, gas/diesel oil** inputs to main activity CHP electricity plants are confidential and aggregated with **fuel oil**.
- In 2013 data, the drop in **crude oil** refinery intake is related with maintenance in August and September 2013 at the Swedish refineries.
- From 2011, the country's gas works plants stopped using **naphtha.**

Consumption

- Starting from 1995 data, Sweden has changed its standard classification of industry sub-sectors
- Between 1985 and 1986, there are breaks in consumption time series of **fuel oil** due to more detailed reporting.
- In 1984 data, consumption of **other kerosene** in the road sector is discontinued due to product re-classification.

Natural gas

Transformation

- Since 2005, the natural gas inputs to gas works has been estimated by the IEA Secretariat.
- Autoproducer inputs to waste-heat production that is sold are reported in the respective end-use sectors and not in the transformation sector.

Consumption

- For 2013, the energy use of gas by oil refineries has been estimated by the IEA Secretariat.
- For 2008, total final consumption and its breakdown have been estimated by the IEA Secretariat based on other Statistics Sweden publications.
- Prior to 1993, road transport is included in commercial/public services.

Biofuels and waste

- From 1990 to 2006, **municipal waste** was reported as 60% non-renewable and 40% renewable. In 2007, reanalysis of the waste revealed the content

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was 40% non-renewable and 60% renewable. This results in breaks in the time series between 2006 and 2007 for both renewable and non-renewable **municipal waste**.

- The Swedish authority revised the reporting methodology for liquid biofuels data starting in 2015. This may create break in time series between 2014 and 2015p data.
- Data for 2015p for primary solid biofuels are taken from a quarterly survey and revisions will most probably occur when the annual survey data is available in the next edition.

Consumption

- Consumption data by sector for **biogases** are available from 2011.
- In 2011, there was a change in the reporting methodology for consumption of solid biofuels and waste in the residential sector, which is responsible for breaks in concerned time series between 2010 and 2011.
- Due to confidentiality issues, **solid biofuels** consumption in food, beverages and tobacco is reported with paper, pulp and printing for 2014 data.

Electricity and heat

Supply

- Inputs to **heat pumps** include heat recovered from industry and from ambient sources (including sewage and seawater).
- Ambient heat is shown as the indigenous production of **heat**.
- Information on heat for sale produced in **heat pumps** and **electric boilers** is available starting in 1992.

Transformation

- In Sweden, heat produced in **heat pumps** is sold to third parties (as district heat) and is therefore included in transformation.
- The electricity used to drive **heat pumps** is considered to be transformed and appears as output in transformation rather than as electricity used in energy industry own use.
- Heat production from **solid biofuels** in autoproducer CHP includes waste heat and chemical heat.
- For 2012 and 2013, small quantities of biomethanol used to produce electricity are included in **other liquid biofuels**, under production, as well as input and output of autoproducer CHP.
- For 1997 and 1998, heat production from **liquid fuels** in main activity producer CHP plants includes heat recovered from flue-gas condensing.
- Prior to 1992, electricity production from **biogases** is included with **solid biofuels**.
- Heat produced for sale by autoproducer CHP plants is reported starting in 1992.
- From 1987, the breakdown of net **electricity** production by industry for autoproducer electricity plants is available.
- Prior to 1987 net **electricity** production by autoproducer plants includes data for CHP plants only.
- Prior to 1980, **heat** produced in main activity producer heat plants is not available.
- Prior to 1974, **heat** produced in main activity producer CHP plants is not available.

Consumption

- Consumption of electricity for distribution of district heat is included with other energy industry own use.
- Fuel inputs to the **heat** that is recovered by the heat pump are reported in the appropriate industry subsector (i.e. chemical and paper, pulp and printing).
- In 2014 data, the consumption of **electricity** in the mining and in the paper sectors was included under non-specified industry due to confidentiality issues.
- Data on direct use of **solar thermal** are available from 1989.
- Consumption of **heat** in industry and other sectors is available from 1984.

Switzerland

Sources

- Swiss Federal Office of Energy (SFOE), Ittigen.
- Carbura – Swiss Organisation for the Compulsory Stockpiling of Oil Products, Zurich.

General note

From 1999, data on consumption result from a new survey and are not comparable with data of previous years.

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Coal

Calorific values for **anthracite**, **other bituminous coal** and **coke oven coke** are taken from a shared default figure. **Lignite** calorific values are also default data, but are based on dried **lignite** fines which have a higher calorific value.

Consumption

- From 1985, industrial consumption of **gas works gas** is reported in non-specified industry to prevent the disclosure of commercially confidential data.
- Allocation of consumption data between certain coal types is estimated by the Swiss administration.

Oil

- The statistical differences for **gas/diesel oil** are partly due to changes in consumer stocks.
- In 2004, **petroleum coke** production started due to the installation of a cracking unit in a refinery
- As of 1993, the Swiss administration has reported figures for **naphtha** that are net of quantities used for blending into motor gasoline. For 1994, 1995, 1997, 1999, 2001 and 2002 this reporting has led to negative production numbers for naphtha. For these years, the IEA Secretariat has moved the data into transfers and reduced the production of motor gasoline by corresponding amounts.

Transformation

- **Gas/diesel oil** *non-specified transformation* represents inputs to mobile and stationary power generators, of which the electricity output is unknown at this stage.
- In 2012, low refinery intake is due to the temporary shutdown of the refinery in Cressier in the first semester of 2012 and maintenance at Collombey refinery.
- In 1988**,** the reduction in refinery intake of refinery **feedstock**s in 1988 is partly due to a switch to crude oil and partly to a shutdown for maintenance of a refinery.

Consumption

- In the 2016 edition, the Swiss administration has revised road. **LPG** data back to 2009 based on newly available tax information.
- For 2014, the breakdown of industry consumption of **gas/diesel oil** and **residual fuel oil** was not available at the time of publication and was estimated using the breakdown as in 2013. Revisions are expected.
- In 1994, the increase in consumption of **gas/diesel** is due to consumer stock-building prior to the introduction of a value-added excise tax on heating fuels as of 1 January 1995.

Natural gas

- Between 1977 and 1978, there are breaks in series due to the introduction of a new survey by industry type.
- The Statistical difference is reported under Agriculture/Forestry but it is not possible to differentiate between the two.

Consumption

- In 2007 and 2008, there are breaks in series for main activity producers CHP plants due to the closing of a plant in 2007 and the reopening of another plant in 2008.
- In 1996, the increase of gas input to main activity CHP plants is due to more complete accounting for all producing entities.

Biofuels and waste

Consumption

- Consumption data for **biogases** in the transport sector are available from 1996.

Electricity and heat

Supply

- In the 2016 edition, **solar** electricity production was revised to reflect the lag between time of sale and time of installation of solar panels.
- **Heat** production includes heat produced by nuclear power stations and distributed to other consumers.
- Electricity production from **wind** is available from 1996.
- **Solar** electricity production by autoproducers is available from 1990.

Transformation

- From 2012, the **municipal waste** autoproducer plant previously reported as electricity plant met the CHP requirements and was reclassified as such.
- **Biogas** is no longer being used for heat production as of 2011.

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- The decrease in the use of **natural gas** in main activity CHP plants in 2007 is caused by the reduced operation of one plant after the start-up of a new waste-incineration plant and the shutting down of another plant. Use increases again in 2008 due to the re-starting of a district heating plant.
- The autoproducer heat plant that produced heat for sale using **municipal waste** was closed in 2006.
- The breakdown of **electricity** and heat generation from autoproducers by sector is not available after 1990.
- Prior to 1978, **heat** output from CHP plants is not available.
- The allocation of **electricity** production in main activity producer electricity only and CHP plants between 1967 and 1973, and in main activity producer CHP and autoproducer CHP plants in 1974 are Secretariat estimates.

Consumption

- In the 2016 edition, the final consumption of **heat** was revised and the issue of the statistical difference caused by the revision of the production in previous cycle was solved.
- **Electricity** consumption in the transport equipment industry is included with machinery.
- **Geothermal** direct use is overstated as it refers to heat production by **geothermal heat** pumps, which include inputs from electricity and/or gas in the transformation process.
- The breakdown of final consumption of **electricity** in the industry sector from 2000 to 2001 was estimated by the Secretariat.
- Direct use of geothermal heat and solar thermal heat is available from 1990.

Turkey

Source

- Ministry of Energy and Natural Resources (Enerji ve Tabii Kaynaklar Bakanlığı), Ankara.
- Petrol İşleri Genel Müdürlüğü, Ankara.

Coal

- Data from 2008 are provided from the results of an improved questionnaire. Significant changes occur in consumption patterns within the iron and steel industry, coal mining as well as across industry, residential and commercial/public services for **other bituminous coal**.
- Data from 2012 onwards utilised the latest census data, causing breaks in time series between 2011 and 2012.
- Calorific values for fuels consumed in electricity, CHP and heat plants are obtained from data submitted to the Ministry of Energy and Natural Resources (MENR) by the Turkish Electricity Transmission Company, and these values may differ significantly from production and import values provided by MENR, causing imbalances for some years.
- Production of **gas works gas** declined in 1989 due to plant closures; the last plant closed in 1994. Use of **gas coke** and **gas works gas** ceased in 1994.
- Due to government regulations in industry and residential, in particular, there has been a shift from the use of domestically produced **coal** to imported **coal** and **natural gas**.
- Production of **lignite** was obtained from secondary sources by the IEA for 2015p.

Transformation

In the middle of 2014, some autoproducer plants in Turkey were reclassified as main activity producer due to a change in the legislation. Amongst other things, this impacted on reporting of unsold heat and prorated inputs, as per IEA methodology.

Consumption

- Privatisation of state owned coke ovens in recent years results in incomplete information on **coke oven gas** distribution.
- Until 2012 some **coal** used in cement kilns is reported under construction instead of non-metallic minerals.

Oil

- In the 2016 edition, the Ministry of Energy revised time series for **kerosene type jetfuel** from 2013. Sales to foreign airlines, previously accounted for under exports, are now reported under international aviation according to the IEA methodology. Data could not be revised for prior years. Exports of jetkerosene up to 2012 years may include international aviation consumption.
- In the 2016 edition, the Ministry of Energy revised crude oil net calorific values from 2010 due to a new methodology for calculating them.

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- *Receipts from other sources (natural gas)* of **other hydrocarbons** correspond to hydrogen used in refineries, also represented as the output of *non-specified transformation processes* in the balances format.
- From 2013, marine fuels are reported under **fuel oil** instead of **gas/diesel**.
- From 2012, **petroleum coke** data are reported.

Supply

- In 2014, the drop in **lubricants** imports and consumption is related to a legislation change effective 1st of January 2014 regarding base oil imports.
- From 2012, new information on **additives/oxygenates** imports (MTBE) data became available.
- From 2012, no exports breakdown is available for **white spirit**, **lubricants**, **bitumen** and **other products**.
- From 2010 more accurate NCVs for Crude Oil are available due to the implementation of a new survey.
- In 1984, 1983, 1981, 1980 and 1978, international marine bunkers are included in exports.

Transformation

- **Gas/diesel oil** and **fuel oil** consumed to produce electricity are used in both oil and coal-fired plants.

Consumption

- From 2014, information on gas/diesel consumption in fishing is available.
- From 2013, additional information on **petroleum coke** cement consumption is available.
- Prior to 2012, consumption of **other oil products** in the chemical sector was included under non-specified industry.
- Between 2010 and 2011, breaks in consumption series for **LPG**, **motor gasoline** and **gas/diesel oil** appear due to improved survey methods.
- Between 1977 and 1978, the end-use classification of **gas/diesel oil** and **fuel oil** were changed in the Turkish national statistics resulting in breaks in time series.

Natural gas

Supply

- In 2008, there is a break in series for stock change due to a revision of storage capacity.

Transformation

- In the middle of 2014, some autoproducer plants in Turkey were reclassified as main activity producer due to a change in the legislation.
- *Non-specified transformation* of natural gas represents amounts used to produce hydrogen for hydrocracking in refineries.

Consumption

- In 2013, energy use of natural gas in blast furnaces was zero, as gas was replaced by coal and coke.
- From 2009, there are some breaks in series across all sectors, as consumption data started being collected by a different institution, the Turkish Energy Market Regulatory Authority.
- In 2006, there is a break in series for non-energy use in chemical industry due to improvements in the classification.
- Prior to 2000, data for commercial/public services were included in the residential sector.
- Between 1999 and 2001, the decrease in natural gas petrochemical feedstocks is linked to the activity of the fertiliser industry.
- Since 1988, natural gas consumption data in the chemical industry (for fertilisers) and in non-specified industry (dye industry) are available.
- *Non-specified industry* includes the natural gas distributed by OIZ (Organised Industrial Zones).

Biofuels and waste

The Turkish administration only intermittently surveys **renewables and waste** used for power and heat. Due to this fact, some breaks may appear in the **biofuels and waste** series.

Consumption

- Prior to 1998, consumption in the **wood and wood products** sector includes that of the paper, pulp and printing industry.

Electricity and heat

In the middle of 2014, most autoproducer electricity, heat and CHP plants in Turkey were reclassified as main activity producer due to a change in the legislation.

Supply

- *Other sources* **electricity** and **heat** production is available from 2013 and represents purchased steam (waste heat) from the industry.

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- The distribution losses figures are not available yet due to the privatization of the distribution regions in Turkey.
- Electricity production from **wind** is available starting in 1998.

Transformation

- In the 2006 edition, the Turkish Statistical Office started providing **electricity** and **heat** output on the basis of a new survey that revised time series back to 2000. This causes breaks in the time series between 1999 and 2000. Not all of the input series have been revised.
- A new gas fired main activity producer CHP plant was put into operation in 1999 and a new auto-producer electricity plant fuelled with coking coal started in 2000.
- In 1995, the Turkish administration reclassified auto-producer plants by type and source to be consistent with IEA definitions. This causes breaks between 1994 and 1995 for electricity production.
- Data for blast furnace gas for electricity and heat generation are available from 1995.
- Data on electricity generated from biofuels are available from 1991.

Consumption

- Consumption in the machinery sector includes transport equipment.
- Comprehensive data on **electricity** consumption are available from 1973. This causes a break in the series between 1972 and 1973.

United Kingdom

Source

Department of Energy and Climate Change, London.

Coal

- Prior to 1994, the consumption of substitute natural gas is included with **natural gas** while its production is included with **gas works gas**.
- Oxygen steel furnace gas is reported with **blast furnace gas** rather than as **other recovered gases**.

Transformation

- The marked decline in use of **other bituminous coal** from 2013 onwards for autoproducer electricity generation was due to a plant being sold to a dedicated main-activity electricity producer.

Consumption

- Consumption shown for the commercial/public services includes consumption of some of *other non-specified*.

Oil

- In the 2016 edition, consumption of gas/diesel was revised back to 2012 inclusive, following the UK Administration's improved access to customs trade data, in particular duty figures for demand in agriculture. Additional information on the destination of some upstream NGL was obtained from 2008. Previously classified as exports, these amounts now appear as transfers, mainly to LPG, then as consumption in the petrochemical sector. In the 2016 edition, naphtha refinery output was revised from 2008 to better reflect the blending of naphtha in motor gasoline.
- In the 2016 edition, LPG data was revised from 2008. Revisions were made to refinery output and additional consumption in petrochemical sector was recorded. As a result new break in time series may appear from 2008.
- For international marine bunkers and domestic navigation a different bunkers methodology is applied from 2008, in line with UK's National Atmospheric Emissions Inventory. Deliveries to international marine bunkers may be underestimated for previous years.
- For consumption of oil products, the UK administration revised its methodology from 2008 to better track consumption of imported oil products and domestically refined oil products sold through third parties to final consumers.
- Breaks in time series appear in 2013 for ethane, naphtha, white spirit, lubricants, bitumen, petroleum coke and other products, as new information became available on the energy use of these products.
- From 2002 to 2004, Products Transferred includes Backflows and Interproduct Transfers. From 2005 onwards backflows were estimated by the UK Administration.

Supply

- Condensates are reported in NGL from 1980 and in crude oil until 1979.
- LPG includes ethane until 1980.

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- Other hydrocarbons, reported until 1994, correspond to bitumen production from coal.

Natural gas

Since 1992, distribution losses include metering differences and losses due to pipeline leakage.

Supply

- In 2002, the increase in imports is due to increased supplies from the Norwegian sector of the North Sea through the Vesterled pipeline, which was commissioned in the 4th quarter of 2001.

Transformation

- The natural gas reported in coke oven transformation is used to form synthetic coke oven gas rather than undergoing a coking process.
- The natural gas consumed to fuel the distribution of natural gas in natural gas networks is reported under non-specified energy.

Consumption

- Before 2008, the commercial sector consumption is included in *other non-specified*, while that of public services is shown separately.
- Between 2007 and 2008 there are some breaks in series in sectoral consumption due to a new methodology of data estimation.
- Natural gas consumption includes substitute natural gas made at gas works and piped into the natural gas distribution system.
- *Non-specified industry* represent to sales by independent gas suppliers unallocated by category.
- Consumption by the mining and quarrying and the wood and wood products sectors is included in *non-specified industry*.
- Non-specified energy sector includes gas used for heating and pumping operations in the distribution network.

Biofuels and waste

In the 2016 edition, a new reporting methodology is applied from 2010 to 2014, causing breaks in series between 2009 and 2010, mostly for **municipal waste, primary solid biofuels and biogases**.

Consumption

- Final consumption of **industrial waste** in commercial/public services includes hospital waste, which should be shown under **municipal waste**.
- Prior to 2001, some of the **industrial waste** was reported with *other oil products*.

Electricity and heat

- For the United Kingdom, it is necessary to combine figures for main activity producers and autoproducers in order to prevent the disclosure of information relating to less than three electricity generating companies, since this information is considered confidential. For this reason, data for main activity producer CHP plants have been included with autoproducer CHP plants from 1988. Prior to 1988, electricity output from CHP plants was included with autoproducer electricity plants.
- The reorganisation and subsequent privatisation of the electricity supply industry in 1990 has resulted in some breaks in series.

Supply

- Electricity production from **solar PV** is available from 1999. The launch of a feed-in-tariff scheme in April 2010 resulted in a rapid increase of capacity and corresponding electricity production growth from solar PV in the following years.
- In 1996, the break in electricity production from **nuclear** is due to a reclassification of plants from autoproducer to main activity producer plants.
- Data on electricity production from **wind** is available from 1989.

Transformation

- In 2007, outputs of electricity from **petroleum coke** are included in **fuel oil**.
- Prior to 2003, all outputs of electricity and heat from **oil products** are reported in the other oil products category.
- **Heat** production from autoproducers is available starting in 1999.
- Inputs and output from **natural gas** for main activity producer electricity production are included in autoproducer electricity for 1990 (for reasons of confidentiality).

Consumption

- Consumption in *gas works* includes electricity use in the transmission/distribution of public supply gas.
- Consumption in the *non-metallic mineral products* sector includes mining and quarrying.
- **Electricity** consumption in *coal mines* includes consumption in patent fuel plants.

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- Data for **electricity** consumption in *transport* was classified by sub-sector only starting from 2004 resulting in a break in time series between 2003 and 2004. Prior to 2004, non-specified transport includes consumption for traction by urban rails and road vehicles, and consumption for non-traction by railways and bus stations and airports. From 2004 onwards, road vehicles consumption is included under road transport. Prior to 2004, electricity consumption in rail refers to industrial rail only. From 2004 onwards it includes both industrial and urban rail.
- Consumption in the *machinery* sub-sector includes that of the transport equipment industry before 1996.
- Starting in 1990, small amounts of **electricity** used in heat pumps have been included in *residential*.
- From 1984 onwards, the **electricity** consumption in the industry non-specified sub-sector includes that of the *wood and wood products* sub-sector and unallocated consumption.

United States

Source

U.S. Energy Information Administration, Washington D.C.

General note

End-use energy consumption data for the United States present a break in series with historical data due to a change in methodology in 2014. The break in series occurs between 2011 and 2012 for oil; and between 2001 and 2002 for electricity and natural gas. The new methodology is based on the last historical year of the most recent Annual Energy Outlook (AEO) publication. Changes occur primarily in reported end-use energy consumption in the industrial sector and its subsectors, including the non-manufacturing industries of mining, construction and agriculture. Historical revisions are pending. Due to other changes in reporting methodologies, there are numerous breaks in series for the US data, particularly in 1992, 1999, 2001, 2002 and 2013. Care should be taken when evaluating consumption by sector since inputs of fuel to autoproducers are included in final consumption for some years. No data are available for most energy products in the construction and mining and quarrying industries.

Coal

- **Hard coal** data prior to 1978 may include **sub-bituminous coal**.
- In 2002, the United States reported "synfuel" production as **patent fuel** for the first time. Prior to 2002, the consumption of this fuel was reported with **other bituminous coal**. Production ceased in 2007 for economic reasons.
- Since the Energy Information administration (EIA) and the US Department of Commerce do not collect separate data on **patent fuel** exports by country, total exports of **patent fuel** are included in the exports of **other bituminous coal**.
- **Coal tar** as a by-product of coke ovens is not currently reported.

Oil

- In the 2015 edition, the US administration made the following reclassifications: olefins are reported in other oil products instead of LPG, special naphtha exports are classified under refinery feedstock instead of white spirit. Road use lubricants have been moved to industry Sector in transport Equipment, machinery, and wood and wood products. As a result, breaks in time series appear for LPG, other oil products, refinery feedstocks, white spirit, lubricants between 2012 and 2013. Historical revisions are pending.
- Breaks in series due methodology improvements and newly available information to the US administration also appear in historical data: in 1990 for fuel oil (new methodology for marine bunkers); in 1992 for LPG/NGL (specific densities); in 1993 for oxygenates (new collection system to accommodate the revised Clean Air Act); in 1994 for motor gasoline (new model from the US Department of Transportation);in 1999-2000 for industry consumption (new available data from the 2002 MECS survey); in 2001 for fuel oil (changes in methodology for classifying imports of unfinished oils) and in 2012 for refinery gas (new density).

Supply

- High statistical differences for crude oil represent "unaccounted for crude oil", the difference between the supply and disposition of crude oil.
- Stocks changes for gas/diesel oil, fuel oil and petroleum coke were estimated by the IEA Secretariat from 1996 onwards to include stock changes at utilities.

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Transformation

- From 2002 onwards, the IEA Secretariat has estimated the amounts of refinery gas used for autoproducer electricity production.

Consumption

- For 2011 the breakdown of final consumption was based on the projections of the latest available Manufacturing Energy Consumption Survey (MECS) of 2010. Breaks in time series appear as a result of this change of data source. Historical revisions are pending for 2011.
- From 1995 onwards, LPG inputs to gas works are included in industry.

Natural gas

Supply

- From 1990 to 2002, the amounts of gas works gas that are blended with natural gas have been estimated on the basis of the output efficiency of the process.

Transformation

- Since 2013, data reported under *non-specified transformation processes* represent **natural gas** used for hydrogen manufacture. Prior to this year, these quantities are reported under the petrochemical sector.
- Between 1999 and 2000, there are some breaks in series for the transformation subsectors due to a new data reporting method.
- From 1990 to 2002, the amounts of gas works gas that are blended with natural gas have been estimated on the basis of the output efficiency of the process.
- Since 1989, consumption by autoproducer CHP plants is available, while consumption by autoproducer electricity and main activity producer CHP plants is available since 1991. Prior to these years, these consumptions are included with industry and commerce/public services.

Consumption

- Until 2001, agriculture and forestry consumption is included under industry.
- From 1995 to 2001, the detailed breakdown of industry consumption is estimated by the Energy Information Administration using the Manufacturing Energy Consumption Survey (MECS), which is conducted quadrennially.
- Prior to 1995 a detailed breakdown of industry consumption is not available (between 1990 and 1994, chemical consumption is estimated by the American administration).
- In 1991 data on natural gas use in the road sector were collected for the first time, and are not available for previous years.
- Other energy sector own use is gas consumed for the production of ethanol.
- Consumption in fisheries is included under industry.

Biofuels and waste

- In the 2016 edition of this publication, the US administration applied a new estimation methodology to **geothermal** and **solar thermal** for 2014 data which creates breaks in time series between 2013 and 2014.
- The methodology for reporting **liquid biofuels** is currently under review by the EIA. Therefore, discussion between the EIA and the IEA is ongoing and revisions to historical biofuels data might occur in the future. For this publication, 2015p liquid biofuels data have been estimated by the IEA Secretariat.
- **Geothermal** supply and transformation data are estimated by the IEA Secretariat starting in 2009 because of efficiency discrepancies.

Transformation

- The EIA collects generation and consumption data from all plants 1 MW or more in capacity.

Electricity and heat

Between 2001 and 2001, there are breaks in series concerning the total production of electricity and heat in the United States. Comprehensive data on electricity and heat production and consumption in main activity producer electricity, CHP and heat plants and auto-producer electricity and CHP plants are not available for all years.

Supply

- The IEA Secretariat estimated US **photovoltaic** (PV) electricity generation from autoproducers starting in 1999 by multiplying the dispersed and distributed PV capacity estimated by the US administration by an average capacity factor of 12%. The capacity factor was based on a report published in 2007 by the IEA Photovoltaic Power Systems Programme, Cost and Performance Trends in Grid-Connected Photovoltaic Systems and Case Studies. The corresponding consumption of electricity has been included under other non-specified.

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- Data for electricity absorbed by **pumping** and electricity production from **pumped storage** plants became available starting in 1987.

Transformation

- Accurate accounting of **coke oven gas** and **refinery gas** inputs is not always possible, which can lead to efficiencies over 100% in main activity producer CHP plants.
- Two **geothermal** plants were reclassified as CHP in 2014, causing new series to appear.
- The low efficiencies from 2011 for **other bituminous coal** autoproducer electricity plants are due to the fact that one unit; the Albany Brewery Power Plant only produces unsold heat.
- From 2007 to 2009, heat from **industrial waste** includes recovered heat from industrial processes. From 2010, the electricity produced from recovered heat is reported under **other sources**.
- The decline in **patent fuel** used for electricity production in 2008 and subsequent cessation of the time series in 2009 is a result of the termination of the patent fuel tax credit in 2008 which had previously made the fuel economical for electricity production.
- The US administration changed its methodology for calculating **heat** production in CHP plants, and revised data back to 2006. This leads to breaks in the time series between 2005 and 2006.
- From 2004 onwards, the EIA has reported electricity and heat production from **anthracite** under **sub-bituminous coal**. The secretariat estimated the split of output by fuel type based on the assumption that the plant efficiencies of the aggregate are equal to that of each part.
- Starting in 2002, autoproducer electricity output for **oil** includes generation from **refinery gases** with a low average calorific value. Prior to 2002, this output was not accounted for.
- Prior to 2001, data on plants consuming **other bituminous coal**, **sub-bituminous coal** and **lignite** have been estimated by the secretariat using information provided in the EIA's Annual Electricity Generator Report – Utility.
- Data for **peat** are confidential between 1994 and 1998 and from 2000 are not reported.
- Prior to 2000, autoproducers include small and independent power producers which under IEA definitions are considered as main activity producers. Production from these small and independent power producers accounts for about 25% of reported production of electricity by autoproducers in the United States. This reclassification causes breaks between 1999 and 2000.
- In the 2003 edition, the US Administration reclassified some plants to autoproducers. This reclassification causes more breaks between 1998 and 1999.
- Data for **heat** produced in main activity producer heat and autoproducer CHP plants are available from 1992 to 1999.
- From 1999 onwards, the fuel used in **heat** production by autoproducers is included in final consumption because the US administration cannot distinguish between the heat used directly on-site and the heat sold. Therefore, this may underestimate the heat sold to third parties.
- Prior to 1999, **solar thermal** electricity production includes generation from natural gas because some natural gas units are attached to solar thermal plants and their production could not be separated.
- The breakdown of fuel used and production of **heat** in main activity producer heat plants have been estimated by the secretariat for 1992 and 1993.
- Prior to 1991 some of the fuel inputs to **electricity** and **heat** production reported for autoproducer plants are reported as final consumption in the particular economic sector in which the autoproducer is operating.
- Prior to 1989, there are no data available for autoproducers.
- **Sub-bituminous coal** inputs for electricity and heat production are included in **hard coal** before 1983.

Consumption

- No data are available for **heat** sold that is consumed in residential and agriculture/forestry.
- Direct use of **solar thermal** heat in residential is available from 1999.
- Since 1995, **heat** consumption data are no longer collected and have been estimated, resulting in breaks in the time series between 1994 and 1995.
- The consumption of **heat** sold in industry is available from 1991 and in energy industry own use from 1992.
- Prior to 1991, total consumption of **heat** sold referred to consumption in commercial/public services.

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NON-OECD COUNTRIES

In the references below, both the statistical year (2014) for which data are being published in this edition, as well as publication dates of the many documents which have been consulted during the development of this publication are mentioned. As a general rule, where specific documents or personal communications have been used, the date that is referenced is the date of publication of the document or the date of the communication, whereas, where data received through the completion of questionnaires are mentioned, the date that is referenced is the statistical year for which data are being published in this edition, namely 2014.

Data may not include all informal and/or illegal trade, production or consumption of energy products, although the IEA Secretariat makes efforts to estimate these where reliable information is available.

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- *Arab Oil and Gas Directory,* Arab Petroleum Research Centre, Paris, various editions up to 2015.
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Note:

- The OLADE database was used for several Non-OECD Americas countries.
- The UN database was the only source of information for time series of the countries not listed individually and included in the regions Other Africa, Other Non-OECD Americas and Other Asia. It was also used in a number of other countries as a complementary data source.

Albania

For 1993, large quantities of oil, widely reported to have moved through Albania into Former Yugoslavia, may not be included in oil trade. Although estimated to represent up to 100 per cent of domestic consumption levels, no reliable figures for this trade were available.

Starting from 2011, motor gasoline consumption is reported in residential. This consumption corresponds to motor gasoline used in electricity generators.

Sources 2011 to 2014:

- Direct communication with the National Agency of Natural Resources, Tirana.
- Joint IEA/Eurostat/UNECE annual energy questionnaires.

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Sources 2005 to 2010:

- *Energy Balances 2005-2010*, Energy Department of the National Agency of Natural Resources of Albania, Tirana.
- IEA Secretariat estimates.

Sources up to 2004:

- Joint IEA/Eurostat/UNECE annual energy questionnaires 1994, 1995, 1998.
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- IEA Secretariat estimates.

Sources for Biofuels and waste:

- The UN Energy Statistics Database.
- Joint IEA/Eurostat/UNECE annual energy questionnaires.
- IEA Secretariat estimates.

Algeria

Crude oil production and export data do not include field condensate. Field condensate quantities are included with natural gas liquids.

Revisions were made to the energy balances in 2009 and 2010 which add more detail for certain products and flows. This may result in breaks in time series between 2008 and 2009.

Sources 1990 to 2014:

- Direct communication with the Ministry of Energy and Mining, Algiers.

Additional sources 2008:

- SONELGAZ, Société nationale de l'électricité et du gaz, online statistics on electricity production, Algiers.

Sources up to 1989:

- *Bilan Energétique National*, Gouvernement Algérien, Algiers, 1984.
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Sources for Biofuels and waste:

- The UN Energy Statistics Database.
- Ministry of Energy and Mining.
- IEA Secretariat estimates.

Angola

Crude oil production and export data do not include field condensate. Field condensate quantities are included with natural gas liquids.

Sources 2003 to 2014:

- Direct communication with the Ministério da Energia e Águas (Ministry of Energy and Water), Luanda.
- *Relatório de Gestão e Contas,* Sonangol E.P, Luanda, various editions up to 2014.
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Sources up to 1991:

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Sources for Biofuels and waste:

- IEA Secretariat estimates based on 1991 data from African Energy Programme of the African Development Bank, *Forests and Biomass Sub-sector in Africa,* Abidjan, 1996.

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Argentina

Since 2010 a different methodology is adopted by Argentina for reporting refinery flows leading to more detailed information (*e.g.* reprocessing of some oil products). This may result in breaks in time series between 2009 and 2010.

Sources up to 2014:

- Direct communication with the Ministry of Economy, Secretariat of Energy, Buenos Aires.
- *Balance Energético Nacional,* Ministerio de Economía, Secretaria de Energía, Buenos Aires, various editions up to 2015.
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Armenia

Data for Armenia are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Data provided by Armenia are mainly supply side data except for electricity. IEA Secretariat assumptions are used to estimate consumption data.

In this edition Armenia completed the Renewables questionnaire with 2014 data. Therefore, there might be breaks in time series between 2013 and 2014 data.

Sources 2014:

- Direct communication with National Statistical Service, Yerevan.
- Joint IEA/Eurostat/UNECE annual energy questionnaires.
- *Forestry Statistics,* FAO, Rome.
- IEA Secretariat estimates.

Sources 1992 to 2013:

- Direct communication with National Statistical Service, Yerevan.
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- *Forestry Statistics,* FAO, Rome.
- IEA Secretariat estimates.

Sources 1990 to 1991:

- IEA Secretariat estimates.

Sources for Biofuels and waste:

- *Forestry Statistics,* FAO, Rome.
- IEA Secretariat estimates.

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Azerbaijan

Data for Azerbaijan are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Production of natural gas may differ from the Azerbaijan national energy balance because natural gas used for production of electricity by the oil and gas extraction industry is included by the IEA Secretariat in the definition of natural gas production. Breaks in time series appear for inputs and outputs of electricity, CHP and heat plants in Azerbaijan between 2006 and 2007 due to an improved data collection methodology in the country from 2007 onwards.

For the purpose of calculating CO_2 emissions, an allocation between domestic and international aviation consumption of jet kerosene was estimated by the IEA Secretariat for 1990-2006 based on total aviation consumption reported by Azerbaijan and the 2007 allocation.

Sources 1990 to 2014:

- Direct communications with the State Committee of Statistics and the Ministry of Economics of Azerbaijan, Baku.
- Joint IEA/Eurostat/UNECE annual energy questionnaires, 1992 to 2013.

Sources for Biofuels and waste:

- Joint IEA/Eurostat/UNECE annual energy questionnaires, 2000-2014.
- Before 2000: IEA Secretariat estimates.

Bahrain

Crude oil production includes production from the Abu Sa'fah field, which is shared with Saudi Arabia.

Consumption of natural gas for autoproducer power generation may include quantities used for non-power generation purposes.

Estimations of the use of petroleum coke in the manufacture of aluminium have been made to track this consumption from 2000 onwards. This may lead to breaks in time series between 1999 and 2000.

Sources 1992 to 2014:

- *Statistics 2005-2014,* National Oil and Gas Authority of Bahrain, Manama.
- *Online statistics 2000-2014,* Central Informatics Organization (CIO), Manama, Kingdom of Bahrain.
- *Statistical Bulletin,* Arab Union of Producers, Transporters and Distributors of Electricity, Amman, various editions up to 2014.
- Direct communication with National Oil and Gas Authority.
- *Statistics 2007 and 2008*, Electricity & Water Authority, Manama.
- *Statistical Abstract, 1994, 1998, 1999*, *2000, 2001, 2002 and 2003,* Council of Ministers, Control Statistics Organisation, Bahrain.
- *The UN Energy Statistics Database.*
- IEA Secretariat estimates.

Sources up to 1991:

- *Statistical Abstract 1990,* Council of Ministers, Central Statistics Organisation, Manama, 1991.
- *1986 Annual Report,* Bahrain Monetary Agency, Manama, 1987.
- *B.S.C. Annual Report,* Bahrain Petroleum Company, Manama, 1982-1984.
- *Foreign Trade Statistics,* Council of Ministers, Central Statistics Organisation, Manama, 1985.
- *Bahrain in Figures,* Council of Ministers, Central Statistics Organisation, Manama, 1983-1985.

Bangladesh

Data are reported on a fiscal year basis, beginning on the 1st of July and ending on the 30th of June of the subsequent year.

In 2013, time series were revised from 2008 to 2011 based on data retrieved from the Bangladesh Power Development Board. This may result in breaks in time series between 2007 and 2008 for electricity.

In the 2014 edition, time series were revised from 2004 to 2012 based on new data on petroleum products retrieved from the Bangladesh Petroleum Corporation and the Eastern Refinery Limited. This may result in breaks in time series between 2004 and 2005 for primary and secondary oil products.

Sources 2008 to 2014:

- *Annual Report,* PetroBangla - Bangladesh Oil, Gas and Mineral Corporation, Dhaka, various editions up to 2014.

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- *Annual Report*, Bangladesh Power Development Board (BPDB), Dhaka, various editions from 2007 to 2014.
- *Annual Report*, Dhaka Electric Supply Company Limited (DESCO), Dhaka, various editions from 2008 to 2014.
- *Bangladesh Economic Review,* Ministry of Finance, Dhaka, various editions from 2008 to 2013.
- *Coal Recent Mine Activities*, Barapukuria Coal Mining Company Limited (BCMCL), Dhaka, 2013.
- *Statement of total coal production, sale, delivery and stock position*, Barapukuria Coal Mining Company Limited (BCMCL), Dhaka, 2014
- *Production Activities*, Eastern Refinery Limited, online statistics: erl.com.bd, 2014.
- *Commercial & Operation – Petroleum products*, Bangladesh Petroleum Corporation (BPC), online statistics: www.bpc.gov.bd.
- IEA Secretariat estimates.

Sources 1996 to 2007:

- U.S. Agency for International Development, Dhaka, 2003 to 2008.
- IEA Secretariat estimates.
- *Statistical Yearbook of Bangladesh 1996 to 1999,* Ministry of Planning, Bangladesh Bureau of Statistics, Dhaka, 1997 to 2000.

Sources 1992 to 1995:

- *Statistical Pocket Book of Bangladesh,* Ministry of Planning, Bangladesh Bureau of Statistics, Dhaka, 1986 to 1996.
- *The UN Energy Statistics Database.*

Sources up to 1991:

- *Bangladesh Energy Balances 1976-1981,* Government of Bangladesh, Dhaka, 1982.
- *Statistical Yearbook of Bangladesh 1991,* Government of Bangladesh, Dhaka, 1976 to 1991.
- *Monthly Statistical Bulletin of Bangladesh,* Ministry of Planning, Bangladesh Bureau of Statistics, Statistics Division, Dhaka, June 1986 and October 1989.

Sources for Biofuels and waste:

- *Forestry Statistics,* FAO, Rome, 2014.
- IEA Secretariat estimates.

Belarus

Data for Belarus are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Since January 2010, Belarus became a member of a Customs Union with Russia and Kazakhstan. Breaks in trade time series and statistical differences appear from 2009 to 2011 as the Customs progressively shifted from one accounting system to another.

Jet Kerosene is reported under Other Products until 2012. Breaks in time series appear in gas/diesel and fuel oil between 2011 and 2012 as a result of a new classification of industrial products (heating oil reclassified under high sulphur fuel oil).

In this edition methane produced as a by-product during the petrochemical transformation of naphtha was re-classified by Belarus for the period 1998-2011 from industrial waste to refinery gas. This may lead to breaks in time series between 1997 and 1998.

Belarus reports all inputs and outputs to CHP and heat autoproducer plants including those corresponding to own use of heat.

Sources 1990 to 2014:

- Direct communication with the National Statistical Committee of Belarus, Minsk.
- Joint IEA/Eurostat/UNECE annual energy questionnaires, 1990 to 2011, Oil, Natural gas, Coal, Renewables, Electricity and heat.

Sources for Biofuels and waste:

- Joint IEA/Eurostat/UNECE annual energy questionnaires for Renewables.
- IEA Secretariat estimates.

Benin

Member of the SIE-Afrique project.

Time series were revised from 2005 to 2009 based on data received from the Ministère des Mines, de l'Energie et de l'Hydraulique, Cotonou in 2011. Breaks in the time series may occur between 2004 and 2005 for some products.

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Sources 1999 to 2014:

- Direct communication with the *Ministère des Mines, de l'Energie et de l'Hydraulique,* Cotonou, through the WEC-IEA Joint Energy Reporting Format for Africa, 1999 to 2002, 2004, 2006, 2007, 2011, 2012.
- IEA Secretariat estimates.

Sources up to 1998:

- Direct communication with the Secretariat, Direction de l'Energie, Cotonou, 1999, 2000.
- Direct communication with the electricity utility, Cotonou, 1998 to 1999.
- *The UN Energy Statistics Database.*
- *Rapport sur l'Etat de l'Economie Nationale*, Ministère de l'Economie, Cotonou, September 1993.
- IEA Secretariat estimates.

Sources for Biofuels and waste up to 1995:

- IEA Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa,* African Energy Programme of the African Development Bank, Abidjan, 1996.

Bolivia

Data for international aviation bunkers are estimated by the IEA Secretariat based on passenger data.

Breaks in time series for solid biofuels occur between 2009 and 2010. This is due to differences in definitions between Bolivia and IEA. Solid biofuels may include other sources of renewable energy (e.g. wind, solar, etc.). Efforts are underway to resolve these definitional issues for future publications.

Sources 1992 to 2014:

- *Balance Energético Nacional 2000-2014* Ministerio de Hidrocarburos y Energía, La Paz, 2014.
- *Anuario Estadístico,* Agencia nacional de hidrocarburos, various editions from 2013 to 2014.
- *Anuario Estadístico,* Ministerio de Hidrocarburos y Energía, La Paz, 2012.
- *Boletín Estadístico*, Yacimientos Petroliferos Fiscales Bolivianos, La Paz, 2008 to 2014.
- *Informe Estadístico,* Yacimientos Petrolíferos Fiscales Bolivianos, La Paz, various editions from 1992 to 1998.
- *Anuario Estadístico*, Autoridad de Fiscalización y Control Social de Electricidad, La Paz, 2014.
- *Anuario Estadístico*, Superintendencia de Electricidad, La Paz, various editions from 1996 to 2007.
- *Memoria Anual*, Comité Nacional de Despacho de Carga, 2011.
- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- IEA Secretariat estimates.

Sources up to 1991:

- *Boletín Estadístico 1973-1985,* Banco Central de Bolivia, División de Estudios Económicos, La Paz, 1986.
- *Diez Anos de Estadística Petrolera en Bolivia 1976-1986,* Dirección de Planeamiento, Division de Estadística, La Paz, 1987.
- *Empresa Nacional de Electricidad S.A. 1986 Ende Memoria,* Empresa Nacional de Electricidad, La Paz, 1987.

Sources for Biofuels and waste:

- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/

Bosnia and Herzegovina

Data for Bosnia and Herzegovina are available starting in 1990. Prior to that, they are included in Former Yugoslavia.

Energy statistics are available from the Agency for Statistics of Bosnia and Herzegovina from 2008 for electricity and heat and from 2009 for coal and natural gas. As a consequence, breaks in time series may occur between 2007 and 2008 for electricity and heat and 2008 and 2009 for other products.

In 2015, the Agency for Statistics of Bosnia and Herzegovina (BHAS) conducted their first household survey on biomass consumption. Due to this newly available data breaks in time series may occur between 2013 and 2014. Also, due to the ongoing work of BHAS to further improve the biomass data quality, future revisions may be expected."

In 2014, the Agency for Statistics of Bosnia and Herzegovina conducted their first survey on oil product consumption. Due to this newly available data breaks in time series may occur between 2012 and 2013.

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Until 2012, the source for crude oil and secondary oil products data is the publication "Industrial Production Bosnia and Herzegovina 2012" and "Oil Trade Data" both produced by the Agency for Statistics of Bosnia and Herzegovina.

Sources 2009 to 2014:

- Direct communication with the Agency for Statistics of Bosnia and Herzegovina, Sarajevo.
- Joint IEA/Eurostat/UNECE annual energy question-naires for Oil, Natural gas, Coal, Electricity and heat. 2010-2014.
- Energy Statistics: Oil products, Issue 1, Agency for Statistics of Bosnia and Herzegovina, Sarajevo.
- PRODCOM Survey - Industrial Production, Bosnia and Herzegovina, 2009 to 2012.
- IEA Secretariat estimates.

Sources 2006 to 2008:

- European Network of Transmission System Operators for Electricity, online statistics, 2010.
- Union for the Co-ordination of Transmission of Electricity, online statistics, 2009.
- IEA Secretariat estimates.

Sources 2000 to 2005:

- *Energy Sector Study BiH*, Third Electric Power Reconstruction Project, consortium led by Energy Institute Hrvoje Pozar, Sarajevo, 2008.
- Direct communication with the Joint Power Co-ordination Centre (JPCC).
- *Statistical Yearbook of BiH,* Federation of Bosnia and Herzegovina Federal Office of Statistics, Sarajevo, 2008.
- *Power Generation and Transmission System in Bosnia Herzegovina,* International Management Group, European Commission, Sarajevo, November 2000.
- *Energy Outlook,* Federal Ministry of Energy, Mining and Industry, Sarajevo, December 2001.
- *The UN Energy Statistics Database*.

Botswana

Data for Botswana are available from 1981. Prior to that, they are included in Other Africa.

Sources 1981 to 2014:

- Direct communication with the Department of Energy, Ministry of Minerals, Energy and Water Resources, Gaborone.
- *Annual Report*, Botswana Power Corporation (BPC), Gaborone. Various editions up to 2014. Note: BPC data are published on a fiscal year basis (April to March).
- *Environment Statistics 2012,* Botswana Central Statistics Office, Gaborone.
- *Indices of the physical volume of mining production 3Q 2014,* Botswana Central Statistics Office, Gaborone.
- *Botswana in Figures 2011,* Botswana Central Statistics Office, Gaborone.
- *Statistical Yearbook 2010*, Botswana Central Statistics Office, Gaborone.*Annual Report 2009*, Department of Mines, Gaborone.
- *Energy Statistics,* Central Statistics Office, Gaborone.
- Direct communication with the Energy Affairs Division, Ministry of Minerals, Energy and Water Affairs, Gaborone.

Brazil

New information became available in 2015 which explains the types of product transfers within Brazilian refineries. The IEA has attempted to reflect these transfers as accurately as possible in the 2015 publication.

.n the IEA balance for Brazil, "Biogasoline" refers to anhydrous ethanol while "Other liquid biofuels" refers to hydrated ethanol.[1]

Although IEA's balance is based on Brazil's national statistics, differences with the national energy balance can be observed due to the different methodologies adopted for reporting nuclear, chemical heat, natural gas, renewables, blast furnaces and coke ovens.

1. The national energy balance of Brazil shows bioethanol as two separate products: anhydrous ethanol ("álcool anidro", i.e. nearly pure ethanol, containing less than 1% of water) and hydrated ethanol ("álcool hidratado", i.e. a blend of ethanol and water, in the proportion of about 95% to 5%, generally obtained from conventional distillation). While anhydrous ethanol is blended with gasoline (the blend sold at the pump generally contains 20-25% of ethanol), hydrated ethanol is sold at separate pumps as a product by itself (álcool) to be used in flex fuel cars, i.e. vehicles that can run on any mix of gasoline and ethanol.

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Brazil produces a large share of its pig iron in blast furnaces that are fuelled and fed with charcoal. The blast furnace gases produced when charcoal is used as a reagent in the blast furnaces are renewable products and they have been reported in this publication under the product "Biogases from thermal processes". Additionally, only the part of these gases consumed for power generation (i.e. energy purposes) has been accounted for in the transformation sector. The remaining charcoal consumed in or used to heat the blast furnaces is reported in final consumption under the iron and steel industry with no distinction between transformation and final consumption.

Prior to the year 2000 blast furnace gases data availability is limited to the input to auto producer electricity plants. Therefore, from 1971 to 1999, the other flows (e.g. production, consumption etc…) are IEA Secretariat estimates.

The Itaipu hydroelectric plant, operating since 1984 and located on the Paraná River (which forms the border of Brazil and Paraguay) was formed as a joint venture between Eletrobrás and the Paraguayan government. Production is shared equally between Brazil and Paraguay.

Sources 1971 to 2014:

- Direct communication with the Ministério de Minas e Energia, Brasilia.
- Mauthner, F. and Weiss W., *Solar Heat Worldwide - Markets and contribution to the energy supply*, various editions up to 2015, IEA Solar Heating and Cooling Programme.

Brunei Darussalam

Sources 2006 to 2014:

- APEC Energy Database, Tokyo, 2015.
- Direct communication with the Prime Minister's Office, Strategic Planning Division, Bandar Seri Begawan.
- Direct communication to the IEA Secretariat from the Prime Minister's Office, Department of Electrical Services, Bandar Seri Begawan.
- IEA Secretariat estimates.

Sources 1992 to 2005:

- APEC Energy Database, Tokyo, 2007.
- Direct communication with the UN Statistics Division, the Office of the Prime Minister, Petroleum Unit, the Asia Pacific Energy Research Centre and the Ministry of Development, Electrical Services Department.
- *Brunei Statistical Yearbook, 1992 to 1994,* Ministry of Finance, Statistics Section, Bandar Seri Begawan, 1993, 1995.

Sources up to 1991:

- *Fifth National Development Plan 1986-1990,* Ministry of Finance, Economic Planning Unit, Bandar Seri Begawan, 1985.

Sources for Biofuels and waste:

- *The UN Energy Statistics Database.*

Bulgaria

Non-specified transformation of natural gas to other hydrocarbons corresponds to hydrogen used in refineries.

Bulgaria has re-classified black liquor from industrial waste to solid biofuels and the renewable portion of tyres from industrial waste to municipal waste – renewables from 2008. Breaks in time series may occur between 2007 and 2008.

A break in the time series for natural gas stock changes may occur between 2003 and 2004 as cushion gas is excluded starting in 2004.

Sources 1990 to 2014:

- Direct communication with the National Statistical Institute, Sofia.
- Joint IEA/Eurostat/UNECE annual energy questionnaires.
- Energy Balances, National Statistical Institute, Sofia, 1995.

Sources up to 1991:

- *Energy Development of Bulgaria,* Government of Bulgaria, Sofia, 1980 and 1984.
- *Energy in Bulgaria,* Government of Bulgaria, Sofia, 1980 to 1983.
- *General Statistics in the Republic of Bulgaria 1989/1990,* Government of Bulgaria, Sofia, 1991.

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Sources for Biofuels and waste:

- *The UN Energy Statistics Database* and Joint IEA/ Eurostat/UNECE annual energy questionnaires.

Cambodia

Data for Cambodia are available starting in 1995. Prior to that, they are included in Other Asia.

In 2015, new information regarding the imports of petroleum products in Cambodia from 2007 onwards became available. Data for these products were revised accordingly and as a result breaks in time series may occur for different products between 2007 and 2013.Sources up to 2014:

APEC annual energy questionnaires, 2010-2011.

Report on Power Sector of the Kingdom of Cambodia, Electricity Authority of Cambodia, Phnom Penh, various editions up to 2015.*Petroleum Products Imports Data from the Customs Office*, General Department of Petroleum of Cambodia, Phnom Penh, 2014.

Direct communication with the Department of Energy, Ministry of Industry, Mines and Energy, the Department of Corporate Planning and Projects, the Electricity Authority of Cambodia and Electricité du Cambodge, Phnom Penh through the APEC annual energy statistics questionnaire, 1995-2011.

IEA Secretariat estimates.

Cameroon

Member of the SIE-Afrique project.

Sources 1971 to 2014:

- Direct communication with Ministère de l'Energie et de l'Eau, Yaoundé.
- *Statistiques économiques*, Banque des Etats de l'Afrique Centrale (BEAC), online database, 2011.
- Direct communication with Société Nationale de Raffinage (SONARA).
- Direct communication with Société Nationale d'Electricité du Cameroun (*AES – SONEL)*, Douala.

The UN Energy Statistics Database.

- IEA Secretariat estimates.

Sources for Biofuels and waste:

- IEA Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa,* African Energy Programme of the African Development Bank, Abidjan, 1996.

People's Republic of China

Revisions of China's 2000 - 2010 energy data

In early 2016, the National Bureau of Statistics (NBS) of the People's Republic of China (China) supplied the IEA with detailed energy balances for 2000 to 2010 and the IEA revised its data accordingly.

In September 2015, the NBS published China's energy statistics for 2013, as well as revised statistics for the years 2011 and 2012. These have already been taken into account by the IEA in the "Special data release with revisions for the People's Republic of China" in November 2015

All revisions show significant changes both on the supply and demand side for a number of energy products, resulting in breaks in time series between 1999 and 2000. Most importantly, the previously significant statistical difference for coal has now been allocated in industrial consumption based on findings from a national economic census.

Calorific values were also revised for bituminous coal in this edition. Net calorific values (NCV) for coal inputs to power generation were modified from 2000 to 2013 by applying assumptions used by China on the average thermal efficiency of coal-fired power stations in these years. NCVs were also modified for bituminous coal production from 2000 to 2013 as well as for inputs to main activity heat plants from 2008 to 2013.

Starting with 2010 data, NBS increased the level of detail of the national energy balance regarding oil products and coal gases. Breaks in time series may occur between 2009 and 2010.

Methodology

A collaborative effort between NBS and IEA continues, with the objective of providing additional detail on energy production, transformation and consumption of all five different types of coal (e.g. anthracite, coking coal, other bituminous, sub-bituminous and lignite). At the moment NBS only provides quantities of raw coal and washed coal in their energy balances

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and the IEA Secretariat has attributed these quantities to coking coal and other bituminous coal. It is expected that the continuing work to provide disaggregated data on the five different coals will result in greater detail in future editions.

Since 2000, imports and exports of cleaned coal are no longer reported in the national energy balance of China. The IEA Secretariat has used secondary sources of information to report this coking coal trade and corresponding quantities have been removed from bituminous coal trade. Consumption of this coking coal is assumed to be in coke ovens.

The IEA data of coal stocks for the years 1985 and 1990 as well as coal production for the years 1997-1999 are estimates and do not represent official data released by the Chinese government. Those estimates were based on the assumption that coal consumption statistics are more reliable than coal production statistics and that the production-consumption relationship should maintain a balance over time.

New information in 2012 also became available from NBS on the production and consumption of gangue, a mining waste product that has been classified as industrial waste in the IEA energy balances. This quantity of industrial waste is not likely to represent the only combustion of industrial waste in China, however, information is not available to provide more complete data on this activity.

In 2012, new information became available on how NBS accounts for international aviation and marine bunkers in the China's national energy balance. Previously international flights by Chinese airlines and ships had been excluded. A revised methodology was implemented that now includes fuel use for international airplanes and ships, regardless of whether they are foreign- or China-owned.

In the 2012 edition, new information became available on natural gas consumption in public transportation in China. This new consumption was added to the natural gas time series to ensure proper coverage of the transport sector.

Coal to liquids output was estimated based on projected production slate of operational coal-to-liquid plants. Coal to gas output is estimated based on operational capacity of coal-to-gas plants.

Electricity production from pumped storage hydro is reported from 2010 to 2014.

Time series for liquid biofuels, biogases, wind (prior to 2010), geothermal, solar photovoltaic and solar thermal generation are based on tertiary sources of information and IEA Secretariat estimates. None of these time series are reported in the national energy balance of China.

Observations

In recent years, China has reported large increases in stocks for crude oil, oil products and for different types of coal. These stock increases are seen as consistent with trends in economic growth and development in China; however, information is currently lacking on the scale of the infrastructure available for this magnitude of stock increases.

Data for coal trade in this publication may not match data from secondary sources of information.

Sources 1990 to 2014:

- *China Energy Statistical Yearbook*, National Bureau of Statistics, Beijing, various editions up to 2015.
- Direct communication with the China National Renewable Energy Centre (CNREC), National Energy Administration (NEA), Beijing.
- *Solar Heat Worldwide*, AEE - Institute for Sustainable Technologies, Gleisdorf, various editions up to 2016.
- China Electricity Council, online statistics, various editions up to 2014.
- *Trends in Photovoltaic Applications*, International Energy Agency Photovoltaic Power Systems Programme, 2013 edition.
- European Photovoltaic Industry Association, Global Market Outlook for Photovoltaics 2013-2017, *Figure 1: Evolution of global cumulative installed capacity 2000-2021*, May 2014.
- Zhang G., *Report on China's Energy Development 2010*, China's National Energy Administration, Beijing, editions 2009 to 2011.
- Zheng et. al, *Steady Industrialized Development of Geothermal Energy in China: Country Update Report,* Beijing, 2005-2009.
- Lund et. al, *Direct Utilization of Geothermal Energy 2010 Worldwide Review*, World Geothermal Congress, Bali, 2010.
- *The Global Biodiesel Balance for 2012 and 2013, World Ethanol and Biofuels Report*, F.O. Lichts, London, Vol. 11 No. 16, Apr. 23, 2013.
- IEA Secretariat estimates.

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Sources up to 1990:

- *Electric Industry in China in 1987,* Ministry of Water Resources and Electric Power, Department of Planning, Beijing, 1988.
- *Outline of Rational Utilization and Conservation of Energy in China,* Bureau of Energy Conservation State Planning Commission, Beijing, June 1987.
- *China Coal Industry Yearbook,* Ministry of Coal Industry, People's Republic of China, Beijing, 1983, 1984, 1985 and 2000.
- *Energy in China 1989,* Ministry of Energy, People's Republic of China, Beijing, 1990.
- *China: A Statistics Survey 1975-1984,* State Statistical Bureau, Beijing, 1985.
- *China Petro-Chemical Corporation (SINOPEC) Annual Report,* SINOPEC, Beijing, 1987.
- *Almanac of China's Foreign Economic Relations and Trade,* The Editorial Board of the Almanac, Beijing, 1986.

Sources for Biofuels and waste:

- IEA Secretariat estimates.

Colombia

Sources 1992 to 2014:

- Unidad de Planeación Minero Energética (UPME) Online statistics, Ministerio de Minas y Energía, various editions up to 2015.
- Direct communication with the Ministry of Mines and Energy, Energy Information Department, Bogotá.
- *Statistics 1996-2015*, Sistema de Información Eléctrico Colombiano, Ministry of Mines and Energy, online statistics, various editions up to 2015.
- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- IEA Secretariat estimates.

Sources up to 1991:

- *Boletin Minero-Energético,* Ministerio de Minas y Energía, Bogotá, December 1991.
- *Estadísticas Minero-Energéticas 1940-1990,* Ministerio de Minas y Energía, Bogotá, 1990.
- *Estadísticas Básicas del Sector Carbón,* Carbocol, Oficina de Planeación, Bogotá, various editions from 1980 to 1988.
- *Colombia Estadística 1985,* DANE, Bogotá, 1970 to 1983 and 1987.
- *Empresa Colombiana de Petróleos, Informe Anual,* Empresa Colombiana de Petróleos, Bogotá, 1979, 1980, 1981 and 1985.
- *Estadísticas de la Industria Petrolera Colombiana Bogota 1979-1984,* Empresa Colombiana de Petróleos, Bogotá, 1985.
- *Informe Estadístico Sector Eléctrico Colombiano,* Government of Colombia, Bogotá, 1987 and 1988.
- *La Electrificacion en Colombia 1984-1985,* Instituto Colombiano de Energía Electrica, Bogotá, 1986.
- *Balances Energéticos 1975-1986,* Ministerio de Minas y Energía, Bogotá, 1987.
- *Energía y Minas Para el Progreso Social 1982-1986,* Ministerio de Minas y Energía, Bogotá, 1987.

Sources for Biofuels and waste:

- Ministry of Mines and Energy, Energy Information Department, Bogotá.

Congo

In the 2015 edition, time series for the period 2000-2012 were revised based on new energy balances received from the Ministry of Energy. Breaks in time series may occur between 1999 and 2000.

The Imboulou Hydro Plant (120MW) began operating in May 2011.

Sources 1971 to 2014:

- Direct communication with the Ministère de l'Energie et de l'Hydraulique, Brazzaville, 2000 to 2014.
- Rapport annuel SIE-Congo 2014
- Direct communication with the Agence de Régulation de l'Aval Pétrolier, Brazzaville, 2008 to 2013.
- *Les chiffres caractéristiques de la Société Nationale d'Électricité 2005-2011*, SNE, Brazzaville.
- IEA Secretariat estimates.

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Sources for Biofuels and waste:

- Rapport annuel SIE-Congo 2014.
- IEA Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa,* African Energy Programme of the African Development Bank, Abidjan, 1996.

Costa Rica

Sources up to 2014:

- Direct communication with the Ministerio del Ambiente y Energía, San José.
- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- IEA Secretariat estimates.

Côte d'Ivoire

Member of the SIE-Afrique project.

In the 2014 edition, new information regarding the classification of kerosene type jet fuel and other kerosene produced in Cote d'Ivoire since 1971 became available. Time series for these products were revised accordingly.

Sources 2013 to 2014:

- AFREC Energy questionnaire, African Energy Commission, 2016 submitted by Direction de l'Energie, Abidjan.
- Direct communication with Direction de l'Energie, Abidjan.
- IEA Secretariat estimates.

Sources 2009 to 2012:

- Direct communication with Direction de l'Energie, Abidjan.
- IEA Secretariat estimates.

Sources 2005 to 2008:

- WEC-IEA Joint Energy Reporting Format for Africa, questionnaire submitted by Direction de l'Energie, Abidjan.
- Direct communication with Direction de l'Energie, Abidjan.
- IEA Secretariat estimates.

Sources 2002 to 2004:

- Direct communication with the Ministry of Mines and Energy, Abidjan, 2005-2006, and IEA Secretariat estimates.

Sources 1992 to 2001:

- Direct communication with oil industry and the Ministry of Energy, Abidjan, July 2003.
- Direct communication with Société Ivoirienne de Raffinage, 2004.
- *La Côte d'Ivoire en chiffres,* Ministère de l'Economie et des Finances, Abidjan, 1996-97 edition.
- *L'Energie en Afrique,* IEPE/ENDA, Paris, 1995, in turn sourced from Ministère des Mines et de l'Energie, Abidjan.
- The UN Energy Statistics Database.

Sources up to 1991:

- *Etudes & Conjoncture 1982-1986,* Ministère de l'Economie et des Finances, Direction de la Planification et de la Prévision, Abidjan, 1987.

Sources for Biofuels and waste:

- IEA Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa,* African Energy Programme of the African Development Bank, Abidjan, 1996.

Croatia

Data for Croatia are available starting in 1990. Prior to that, they are included in Former Yugoslavia.

Non-specified transformation of natural gas reported from 2007 refers to natural gas used by refineries for hydrogen production.

Breaks in time series may appear between 2007 and 2008 as transit data of electricity trade are not available for years prior to 2008.

Sources 1990 to 2014:

- Direct communication with the Energy Institute "Hrvoje Požar", Zagreb.
- Direct communication with the Central Bureau of Statistics, Zagreb.
- Joint IEA/Eurostat/UNECE annual energy questionnaires.

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- IEA Secretariat estimates.

Cuba

Breaks in time series in the early 90s are assumed to be due to the codification into law of the embargo imposed on Cuba, in 1992.

Figures for crude oil include additives added to reduce viscosity.

Sources up to 2014:

- *Anuario Estadístico de Cuba,* Oficina Nacional de Estadísticas, Havana, various editions from 1998 to 2015.
- Estadísticas Energéticas en la Revolución, Oficina National de Estadísticas, Havana, September 2009 edition.
- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- Compendio estadístico de energía de Cuba 1989, Comité Estatal de Estadísticas, Havana, 1989.
- Anuario Estadístico de Cuba, Comité Estatal de Estadísticas, Havana, various editions from 1978 to 1987.
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- Anuario Estadístico de Cuba, Oficina Nacional de Estadísticas, Havana, various editions from 1998 to 2015.

Curaçao

The Netherlands Antilles was dissolved on 10 October 2010, resulting in two new constituent countries, Curaçao and Sint Maarten, with the remaining islands joining the Netherlands as special municipalities. In this edition, the methodology for accounting for the energy statistics of the Netherland Antilles has been revised in order to follow the above-mentioned geographical changes. From 2012 onwards, data now account for the energy statistics of Curaçao Island only. Prior to 2012, data remain unchanged and still cover the entire territory of the former Netherland Antilles.

As the Isla Refinery in Curaçao did not operate to its maximum capacity in 2010, a break in time series might occur in that year for crude oil and oil products.

Sources 1997 to 2014:

- *Informe de Gestión Anual,* PDVSA - Petróleos de Venezuela, S.A., various editions up to 2015.
- *The Economy of* Curaçao *and Sint Maarten in Data and Charts, Yearly Overview 2004-2015*, Centrale Bank van Curaçao en Sint Maarten, Willemstad.
- *Statistical indicators 1998-2010*, Central Bank of Netherlands Antilles, Willemstad.
- Direct communication with the Isla Refinery, Emmastad, Curaçao, up to 2008.
- *Statistical Information,* Central Bureau of Statistics, Fort Amsterdam, up to 2008.
- IEA Secretariat estimates.

Cyprus

Note by Turkey:

The information in this document with reference to « Cyprus » relates to the southern part of the Island. There is no single authority representing both Turkish and Greek Cypriot people on the Island. Turkey recognizes the Turkish Republic of Northern Cyprus (TRNC). Until a lasting and equitable solution is found within the context of the United Nations, Turkey shall preserve its position concerning the "Cyprus issue".

Note by all the European Union Member States of the OECD and the European Union:

The Republic of Cyprus is recognized by all members of the United Nations with the exception of Turkey. The information in this document relates to the area under the effective control of the Government of the Republic of Cyprus.

Time series data from 2009-2010 for primary solid biofuels were revised based on newly available information. Breaks in time series may occur between 2008 and 2009 for these products.

Sources 1994 to 2014:

- Direct communication with the statistical service of Cyprus, Nicosia.

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- Joint IEA/Eurostat/UNECE annual energy questionnaires.
- *Electricity Authority of Cyprus Annual Report 1996,* Electricity Authority of Cyprus, Nicosia, 1997.

Sources up to 1993:

- *Electricity Authority of Cyprus Annual Report 1988*, 1992, Electricity Authority of Cyprus, Nicosia, 1989 and 1993.
- *Industrial Statistics 1988,* Ministry of Finance, Department of Statistics, Nicosia, 1989.

Sources for Biofuels and waste:

- Joint IEA/Eurostat/UNECE annual energy questionnaires and IEA Secretariat estimates.
- Note: Data on electricity generation from solar thermal and heat production from municipal waste and wood were submitted for the first time from the year 2004.

Democratic People's Republic of Korea

Time series data for 2011 for primary coals were revised in the 2014 edition based on new information received in 2014. This may lead to breaks in the time series between 2010 and 2011 and differences in trends compared to previous editions for some products.

Sources 1971 to 2014:

- Direct communication with Korea's National Statistical Office and Korea's Energy Economics Institute, 2002 to 2014.
- *North Korea Statistics,* Korean Statistical Information Service website, www.kosis.kr, Seoul.
- *The UN Energy Statistics Database.*
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- *The UN Energy Statistics Database.*
- Forestry Statistics, FAO, Rome, 2016.
- IEA Secretariat estimates.

Democratic Republic of the Congo

Member of the SIE-Afrique project.

In the 2015 edition, new information and methodologies regarding biomass and charcoal became available. Breaks in time-series may occur between 2013 and 2014.

New estimations were made for biomass production in 2014. This may results in break in time series.

Sources up to 2013:

- Direct communication with the Ministère de l'Energie, Kinshasa Gombe.
- Commission Nationale de l'Energie, Ministère de l'Energie, Kinshasa Gombe, 2005.
- WEC-IEA Joint Energy Reporting Format for Africa, 1999 to 2000.
- *The UN Energy Statistics Database.*
- *L'Energie en Afrique,* IEPE/ENDA, Paris, 1995, in turn sourced from the *Annuaire Statistique Energétique 1990*, Communauté Economique des Pays des Grands Lacs, Bujumbura, 1990.
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- IEA Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa,* African Energy Programme of the African Development Bank, Abidjan, 1996.

Sources up to 2014:

- AFREC Energy questionnaire, African Energy Commission, 2015.

Dominican Republic

In 2014 the national energy balance was adopted as a primary data source. This could lead to breaks in time series between 1997 and 1998 for some flows.

Sources 1971 to 2014:

- *Balance energia neta,* Comisión nacional de energía, Santo Domingo various editions up to 2014

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- *Importación de petróleo y derivados,* Ministre de Industria y Comercio (MIC), Santo Domingo, various editions up to 2012.
- *Capacidad instalada y generación del SENI por año, según tecnología, 2000-2010,* Oficina Nacional de Estadística, Santo Domingo.
- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- IEA Secretariat estimates.

Ecuador

Crude oil production and export data do not include field condensate. Field condensate quantities are included with natural gas liquids.

Ecuador has revised historical data. This may lead to different trends compared to previous editions of this publication.

In the 2015 edition new information became available regarding production and consumption of refinery fuel. This may lead to breaks in time series between 2012 and 2013 (2011 and 2012) for some oil products.

Sources 1999 to 2014:

- Direct communication with the Ministerio Coordinador de Sectores Estratégicos, Quito.
- Direct communication with the Ministerio de Recursos Naturales No Renovables, Quito, up to 2014.
- Direct communication with the Ministerio de Minas y Petróleos, Quito, up to 2011.Balance Energético Nacional – Resumen, Ministerio Coordinador de Sectores Estratégicos, Quito, various editions up to 2014.
- *Estadística del Sector Eléctrico Ecuatoriano, Agencia de Regulación y Control de Electricidad Arconel*, Quito, various editions up to 2015.
- *Informe Estadístico*, & *Informe Cifras Petroleras*, Petroecuador, Empresa Estatal Petróleos del Ecuador, Quito, various editions up to 2015.
- *Reporte del Sector Petrolero*, Banco Central del Ecuador, Quito, various editions up to 2015.
- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- IEA Secretariat estimates.

Sources 1990 to 1998:

- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/

Sources up to 1989:

- Ministerio de Energía y Minas.
- *Cuentas Nacionales,* Banco Central del Ecuador, Quito, various editions from 1982 to 1987.
- *Memoria 1980-1984,* Banco Central del Ecuador, Quito, 1985.
- *Ecuadorian Energy Balances 1974-1986,* Instituto Nacional de Energía, Quito, 1987.
- *Informacion Estadística Mensual*, *No. 1610,* Instituto Nacional de Energía, Quito, 1988.
- *Plan Maestro de Electrificación de Ecuador,* Ministerio de Energía y Minas, Quito, 1989.

Sources for Biofuels and waste:

- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/

Egypt

Data are reported on a fiscal year basis. Data for 20134 correspond to 1 July 2014-30 June 2015.

Stock changes may include informal trade.

International marine bunkers are calculated as a residual between supply and consumption for the period 2004-2014. The IEA Secretariat has been notified by an external source that sales and consumption of marine bunkers may be significantly lower than our estimates. In this edition the Secretariat has decided to continue using the estimation methodology since no new data for international marine bunkers have been received from Egypt.

Sources 1992 to 2014:

- Direct communication with the Organisation for Energy Planning, Cairo.
- Direct communication with the Central Agency for Public Mobilization and Statistics, Cairo.
- WEC-IEA Joint Energy Reporting Format for Africa, 2000 to 2012.
- Direct submission to the IEA Secretariat from the Ministry of Petroleum, Cairo.

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- *Annual Report 1995, 1997, 1998, 1999,* Ministry of Petroleum, Egyptian General Petroleum Corporation, Cairo, 1996, 1998 to 2000.
- *Annual Report of Electricity Statistics 1996/1997 to 2010/2011,* Ministry of Electricity and Energy, Egyptian Electricity Holding Company, Cairo, 1998 to 2012.
- *Arab Oil and Gas,* The Arab Petroleum Research Center, Paris, October 1997.
- *Middle East Economic Survey,* Middle East Petroleum and Economic Publications, Nicosia, February 1994, June 1996, March 1998.
- *A Survey of the Egyptian Oil Industry 1993,* Embassy of the United States of America in Cairo, Cairo, 1994.
- IEA Secretariat estimates.

Sources up to 1991:

- *Annual Report of Electricity Statistics 1990/1991,* Ministry of Electricity and Energy, Egyptian Electricity Authority, Cairo, 1992.
- *Statistical Yearbook of the Arab Republic of Egypt,* Central Agency for Public Mobilisation and Statistics, Cairo, 1977 to 1986.
- *L'Electricité, l'Energie, et le Pétrole,* République Arabe d'Egypte, Organisme Général de l'Information, Cairo, 1990.
- *Annual Report,* The Egyptian General Petroleum Corporation, Cairo, 1985.

Sources for Biofuels and waste:

- *The UN Energy Statistics Database*
- IEA Secretariat estimates.

El Salvador

El Salvador shut down its only refinery in 2012.

Sources 1971 to 2014:

- *Balances Energeticos,* Consejo Nacional de Energia (CNE), San Salvador, various editions from 2007 to 2014.
- *Boletín de Estadísticas,* Superintendencia General de Electricidad y Telecomunicaciones (SIGET), San Salvador, various editions from 1998 to 2014.
- *Centroamérica: estadísticas de hidrocarburos, 2014.* Comisión Económica para América Latina y el Caribe (CEPAL), various editions from 2009-2014.
- Direct communication with the Ministerio de Economía, Dirección de Hidrocarburos y Minas, San Salvador.
- Direct communication with the Consejo Nacional de Energia El Salvador (CNE), San Salvador.
- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/

Eritrea

Data for Eritrea are available from 1992. Prior to that, they are included in Ethiopia.

Solid biofuels consumption data have been periodically re-estimated by Eritrea. This may result in breaks in time series for this product.

Sources 1992 to 2014:

- Direct Communication with the Ministry of Energy and Mines, Asmara.
- IEA Secretariat estimates.

Ethiopia

Ethiopia energy data include Eritrea from 1971 to 1991. From 1992, the two countries are reported separately.

Data are reported according to the Ethiopian financial year, which runs from July 1st to June 30th of the next year. .

As no data were received for 2014, data are estimated by the IEA Secretariat based on population growth for biomass and household consumption, and GDP growth for the other products.

Sources 1992 to 2013:

- Direct communication with the Ministry of Water and Energy, Addis Ababa, between 2012 and 2015.
- *Existing Power Plants*, Ethiopian Electric Power Corporation, online database, 2014.

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- *Biomass Energy Strategy Formulation for Ethiopia*, European Union Energy initiative, in cooperation with the Ethiopian Ministry for Water and Energy, Germany, 2013
- Direct communication with the Ministry of Mines and Energy, Addis Ababa, 2004 to 2011.
- Direct communication with the Energy Development Follow-up and Expansion Department of the Ministry of Infrastructure, Addis Ababa, 2004 and 2005.
- Direct communication with the Ministry of Finance and Economic Development, Addis Ababa, 1998 to 2003.
- *The UN Energy Statistics Database.*
- IEA Secretariat estimates.

Sources up to 1991:

- *Ten Years of Petroleum Imports, Refinery Products, and Exports*, Ministry of Mines & Energy, Addis Ababa, 1989.
- *Energy Balance for the Year 1984*, Ministry of Mines & Energy, Addis Ababa, 1985.
- *1983 Annual Report*, National Bank of Ethiopia, Addis Ababa, 1984.
- *Quarterly Bulletin*, National Bank of Ethiopia, Addis Ababa, various editions from 1980 to 1985.

Sources for Biofuels and waste:

- *Biomass Data 2007-2012*, Ministry of Water and Energy, Addis Ababa, 2012.
- IEA Secretariat estimates up to 2006 based on 1992 data from Eshetu and Bogale, *Power Restructuring in Ethiopia*, AFREPREN, Nairobi, 1996.

Former Yugoslav Republic of Macedonia

Data for FYR of Macedonia are available starting in 1990. Prior to that, they are included in Former Yugoslavia.

The FYR of Macedonia has changed the methodology for reporting autoproducer heat consumption for own use in 2010, which can lead to breaks in time series between 2009 and 2010.

The refinery OKTA in the FYR of Macedonia was shut down in 2014. This may lead to breaks in time series from 2013-2014.

Sources 1990 to 2014:

- Direct communication with the State Statistical Office of Macedonia, Department for Environment, Energy and Transport, Skopje.
- Joint IEA/Eurostat/UNECE annual energy questionnaires.
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- Joint IEA/Eurostat/UNECE annual energy questionnaires, IEA Secretariat estimates,
- *UN Energy Statistics Database* and *Forestry Statistics,* FAO, Rome, 2000.

Gabon

Revisions were made to the residential fuel consumption from the time period of 2010 to 2014 to take into account newly available data. This may results in break in time series between 2009 and 2010.

Sources 1992 to 2014:

- AFREC Energy questionnaire, African Energy Commission, 2015.
- *Rapport annuel de la SEEG*, Société d'Énergie et d'Eau du Gabon, Libreville, various editions from 2000 to 2014.
- *Statistiques économiques*, Banque des Etats de l'Afrique Centrale (BEAC), online database, 2011.
- *Annuaire Statistique du Gabon*, Ministère de l'économie, du commerce, de l'industrie et du tourisme, Libreville, 2001 to 2007 and 2004 to 2008, 2011.
- Direct communication with Direction Générale de L'Energie, Libreville, 2003 to 2008.
- Direct communication with Société Gabonaise de Raffinage, Port Gentil, 1997, 2000 to 2006, 2008 to 2009.
- *Tableau de Bord de l'Economie, Situation 1997, Perspectives 1998-1999*, Direction Générale de l'Economie, Ministère des Finance, de l'Economie, du Budget et des participations, chargé de la privatisation, May 1998.
- *Rapport d'Activité,* Banque Gabonaise de Développement, Libreville, 1985, 1990, 1992 and 1993.*The UN Energy Statistics Database.*
- IEA Secretariat estimates.

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Sources up to 1991:

- *Tableau de Bord de l'Economie, Situation 1983 Perspective 1984-85,* Ministère de l'Economie et des Finances, Direction Générale de l'Economie, Libreville, 1984.

Sources for Biofuels and waste:

- IEA Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa,* African Energy Programme of the African Development Bank, Abidjan, 1996.

Georgia

Data for Georgia are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Heat production has stopped in 2011 due to the shutdown of combined heat and power plants.

Time series data from 1990 to 2012 for coal were revised in 2014 due to the reclassification of other bituminous to sub-bituminous coal based on newly available information.

Data on international marine bunkers for Georgia are not currently available; however upcoming local surveys are planned and should make this information available in future years.

The gathering of energy data as well as the completion of the questionnaires is now the responsibility of the National Statistical Office (GEOSTAT), whereas it used to be the responsibility of the Energy Efficiency Centre. This may lead to breaks in time series between 2012 and 2013.

Sources2013 to 2014:

- Direct communication with GEOSTAT. The National Statistical Office started submitting Joint IEA/Eurostat/UNECE questionnaires in 2015 (2013 data).
- IEA Secretariat estimates.

Sources 2008 to 2012:

- Direct communication with the Energy Efficiency Centre Georgia, Tbilisi.
- IEA Secretariat estimates.

Sources 1990 to 2008:

- *Official Energy Balance of Georgia 1990-1999, 2000-2008*, Ministry of Economy and Ministry of Energy, Tbilisi.
- IEA Secretariat estimates.

Ghana

Primary solid biomass figures for 2000-2012 were revised in the 2015 edition, as new information became available. Breaks in time series might occur between 1999 and 2000.

Data were revised for electricity, oil products and biofuels until 2000 and from 2009 to 2012 based on new information received from the Energy Commission. Breaks in time series may occur for these products.

Sources 1992 to 2014:

- *National Energy Statistics 2000-2014*, Energy Commission, Accra, 2015.
- AFREC Energy questionnaire, African Energy Commission, 2015.
- Direct communication with the Energy Commission, Accra, 2004 and since 2009.
- *Detailed Statistics of Petroleum Products Consumption 1999-2008*, National Petroleum Authority, Accra, 2009.
- *National Energy Statistics*, Ministry of Energy and Mines, Accra, 2000.
- *Quarterly Digest of Statistics,* Government of Ghana, Statistical Services, Accra, March 1990, March 1991, March 1992, March 1995.
- *Energy Balances,* Volta River Authority, Accra, various editions from 1970 to 1985.
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- Ministry of Mines and Energy, *the UN Energy Statistics Database*.
- IEA Secretariat estimates.

Gibraltar

In the 2015 edition, time series for residual fuel oil and gas/diesel oil consumed as international marine bunkers were revised based on newly available information.

Sources up to 2014:

- *Abstract of Statistics,* Government of Gibraltar, Gibraltar, various editions up to 2014.

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- Gibraltar Port Authority, Gibraltar, 2015. Gibraltar Electricity Authority, Gibraltar, 2008.
- IEA Secretariat estimates.

Guatemala

The Texaco refinery in Escuintla ceased operations in 2002.

Orimulsion was imported between 2004 and 2006 for electricity generation and is reported under Other Hydrocarbons.

Sources up to 2014:

- Direct communication with the Dirección Nacional de Energía, Ministerio de Energía, Guatemala City.
- *Informe Balance Energético, 2010, 2011, 2012, 2013, 2014* Ministry of Energy and Mines, Guatemala City.
- Estadísticas Energéticas – Subsector Eléctrico, 2010 to 2013 editions, Ministry of Energy and Mines, Guatemala City.
- Production, consumption, Exports and Imports of Oil products Ministry of Energy and Mines, Guatemala City, 2014.
- Energy-Economic Information System (SIEE), Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- IEA Secretariat estimates.

Haiti

Data for solid biofuels and waste products were revised from 2005 to 2011 based on revisions made by OLADE. Breaks in time series may occur during this period for some products.

Sources 2009 to 2014:

- Direct communication with Bureau des Mines et de l'Energie, Port-au-Prince.
- *Tableau de suivi du secteur électricité*, Ministère de l'Economie et des Finances de la République d'Haïti.
- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- *IEA Secretariat estimates.*

Sources 2008:

- Direct communication with Table Sectorielle Énergie Électrique, Ministère des Travaux Publics, Transports et Communications, Haiti.
- IEA Secretariat estimates.

Sources 2005 to 2007:

- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/

Sources up to 2004:

- Direct communication with Bureau des Mines et de l'Energie.

Honduras

In this edition, time series data were revised for the period 2009-2013. These revisions made in OLADE data might create breaks in time series for some years.

Sources 2007 to 2014:

- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- *Anuario Estadístico*, Empresa Nacional de Energía Eléctrica (ENEE), Tegucigalpa, several editions up to 2012
- *Centroamérica: Estadísticas de Hidrocarburos,* Comisión Económica para América y el Caribe (CEPAL), United Nations, Mexico, several editions up to 2013.
- *Centroamérica: Estadísticas de Producción del Subsector Eléctrico,* Comisión Económica para América y el Caribe (CEPAL), United Nations, Mexico, several editions up to 2013.
- IEA Secretariat estimates.

Sources up to 2006:

- Direct communication with Empresa Nacional de Energía Eléctrica, Comayagüela.
- Direct Communication with the Secretariat de Recursos Naturales y del Ambiente, Tegucigalpa.
- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/

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Hong Kong, China

In the 2016 edition, trade data for various other petroleum products have been revised based on newly available information. Breaks in time series may occur between 2000 and 2001.

Sources up to 2014:

- *Hong Kong Energy Statistics - Annual Report,* Census and Statistics Department, Hong Kong Special Administrative Region, various editions up to 2015.
- *Hong Kong Merchandise Trade Statistics – Domestic Exports and Re-exports/ Imports,* Census and Statistics Department, Hong Kong Special Administrative Region, various editions up to December 2014.
- Direct communication with The Hongkong Electric Company, Ltd, Hong Kong.
- *China Light & Power - Annual Report,* China Light & Power Group, Hong Kong, several editions up to 2015.
- *China Light & Power – Facility Performance Statistics,* China Light & Power Group, Hong Kong, several editions up to 2015.
- *Hong Kong Monthly Digest of Statistics,* Census and Statistics Department, Hong Kong, various editions to 1994.
- *Towngas - Annual Report,* The Hong Kong and China Gas Company Ltd., Hong Kong, several editions up to 2013.

Sources for Biofuels and waste:

- *The UN Energy Statistics Database*, *Hong Kong Energy Statistics - Annual Report 2003*, and IEA Secretariat estimates.
- *Hong Kong Energy End-use Data, EMSD,* The Electrical & Mechanical Services Department, Government of Hong Kong, several editions up to 2015.

India

Data are reported on a fiscal year basis. Data for 2014 correspond to April 1st, 2014 – March 30th, 2015.

Observations

Coal

- In 2015, significant revisions of the net calorific values of the different types of coal have been made for the whole time series, based on official data as well as IEA and other expert estimates. As a result, there have been significant changes for the coal data when presented in energy units, as well as in the calculated efficiency of coal fired power generation. Data on the production and consumption of secondary coal products may have also been revised as a result.
- From 2008, due to a notable discrepancy between official coal imports from India and coal exports to India as reported by trade partners, imports of coking coal and non-coking coal are estimated by the IEA Secretariat, based on trade partners' data. The breakdown of non-coking coal imports between bituminous coal and sub-bituminous coal is estimated from 2008. This could lead to breaks in time series between 2007 and 2008.
- Coking coal figures for India do not align with IEA definitions as they include production of non-metallurgical coking coal reported by India. Figures may be revised in future editions to include only washed coking coal.
- Due to data limitations, IEA Secretariat estimates are used for some products and flows, including supply and demand of coke oven gas and blast furnace gas. Coke oven coke production is estimated from 2006 based on growth of blast furnace iron production, as official production data do not include production from small private producers.

Oil

- Information on stock changes of crude oil and oil products, available from the JODI database from April 2011, was added to the 2014 edition. Breaks in time series may appear in stock changes between 2010 and 2011.
- In the 2014 edition, based on revisions performed by the Ministry of Petroleum and Gas, refinery intake was split between crude oil and refinery feedstocks from 1999. The refinery feedstocks reported by the IEA Secretariat correspond to the quantities officially reported as "other inputs" to Reliance Refineries. They do not include additives and refinery feedstocks to other Indian refineries. These missing inputs could reach up to 2.5 million tonnes.

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- In the 2014 edition, data for diesel consumption were revised based on an official survey on the end use of diesel retail sales, see references below. The IEA Secretariat classifies the diesel used in mobile phone towers and non-industry power generators as input to autoproducer electricity generation. A corresponding electricity output is estimated.
- No NGL production is officially reported by India. The NGL production estimated by the IEA Secretariat corresponds to the production of oil products from gas separation plants, known in India as "fractionators". In the IEA methodology, the output of oil products from gas separation plants comes from an input of NGL and the separation process is shown in the transfer row. Prior to 2005-06, the split of fractionator output between petroleum products is estimated by the IEA Secretariat.
- No breakdown of refinery fuel by products is currently officially available. In this edition, refinery gas production has been estimated based on expected refinery output for the years 2009-2014. In addition, refinery gas may also include other oil products used, such as residual fuel oil, in Indian refineries and not only refinery gas, as per IEA definitions.
- Due to notable breaks in official data for fuel oil, consumption of fuel oil in international marine bunkers is estimated from 1990 based on industry sources, and final consumption of fuel oil is estimated from 2004 based on 2003 data.

Natural gas

- In the 2014 edition, natural gas imports for India were revised from 2008 based on Indian Customs data, in order to include all LNG importers.
- No data are officially available on the sectoral consumption of re-gasified LNG and city gas. The breakdown is estimated by the IEA Secretariat.

Renewables

- Due to data limitations, use of biogas produced in family biogas plants for cooking is currently not estimated by the IEA Secretariat. Data for biofuels production are based on USDA-estimates for the calendar year.
- Only information on total on-grid generation from renewables is officially available. The breakdown between sources was estimated by the IEA Secretariat using official data on capacities from MNRE from 2007. Total off-grid generation and split by sources are estimated based on capacities from 2007 onward.
- According to newly available information, estimates of solar thermal output up to 2012 may include systems that were out of operation. For this reason, a break in the time series might occur between 2012 and 2013.
- In 2015, estimates of the production and consumption of charcoal have been added for the whole time series, as well as the respective inputs of fuelwood to charcoal production plants.

Electricity

- Data for total electricity generation include estimates for electricity generation from diesel by non-industrial autoproducers as well as off-grid electricity generation from renewable energy.
- In 2015, data on the electricity consumption by industrial sub-sector have been added for the years 2008-2012. 2014 data have been estimated by the IEA Secretariat.

Sources 1992 to 2014:

- Direct communication with the Central Statistical Office, Ministry of Statistics and Programme Implementation, Government of India, New Delhi.
- *Energy Statistics*, Central Statistical Office, Ministry of Statistics and Programme Implementation, New Delhi, various editions up to 2014-15.
- *Monthly Abstract of Statistics,* Ministry of Planning, Central Statistics Organisation, Department of Statistics, New Delhi, various editions from 1984 to 2000.

Coal

- Direct communication with the Coal Controller's Office, Ministry of Coal, Government of India, Kolkata.
- *Coal Directory of India,* Coal Controller's Office, Ministry of Coal, Kolkata, various editions up to 2014-2015.
- *Annual Review of Coal Statistics,* Coal Controller's Office, Ministry of Coal, Kolkata, various editions from 1993-1994 to 1998-1999.

Oil and Natural Gas

- Direct communication with the Economic Division and Petroleum Planning and Analysis Cell, Ministry of Petroleum and Natural Gas, Government of India, New Delhi.

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- *Indian Petroleum and Natural Gas Statistics,* Ministry of Petroleum and Natural Gas, New Delhi, various editions from 2000-01 to 2014-15.
- *Petroleum and Natural Gas data,* website of Petroleum Planning and Analysis Cell, Ministry of Petroleum and Natural Gas, New Delhi, *www.ppac.org*.
- *Annual Report 1993-1994, 1998-1999,* Ministry of Petroleum and Natural Gas, New Delhi, 1995, 2000.
- *All India Study on Sectoral Demand of Diesel and Petrol,* Petroleum Planning and Analysis Cell, Ministry of Petroleum and Gas, New Delhi, January 2014.
- *Report of the Working Group on Fertilizer Industry for the Twelfth Plan (2012-12 to 2016-17)*, Department of Fertilizers, Ministry of Chemical & Fertilizers, Government of India, New Delhi, 2012.
- *"Vision 2030", Natural Gas Infrastructure in India, Report by Industry Group for Petroleum & Natural Gas Regulatory Board*, Petroleum & Natural Gas Regulatory Board, New Delhi, May 2013.
- *Report of the Inter-Ministerial Committee on Policy for Pooling of Natural Gas Prices and Pool Operating Guidelines*, Planning Commission, Government of India, New Delhi, August 2011.
- *LNG imports,* website of the Department of Commerce, Ministry of Commerce and Industry, New Delhi, *http://commerce.nic.in/*.
- *Commodity-wise traffic handled at major ports 2002-03 to 2012-13 (p)*, website of the Ministry of Shipping, New Delhi, *shipping.nic.in*.
- Joint Oil Data Initiative (JODI) online database.
- *India – On the Move,* World Bunkering, The International Bunker Industry Association, London, Spring 2012.

Renewables

- Direct communication with the Ministry of New and Renewable Energy, Government of India, New Delhi.
- *Physical Targets and Achievements During the 11th Plan,* Ministry of New and Renewable Energy, Open Government Data Platform India, *data.gov.in*.
- *Renewable Energy in India: Progress, Vision and Strategy,* Ministry of New and Renewable Energy, 2010.
- *Solar Water Heaters in India: Market Assessment studies and surveys for different sectors and demand segments*, report by GreenTech Knowledge Solutions, submitted to Project Management Unit, Global Solar Water Heating Project, Ministry of New and Renewable Energy, January 2010.
- *Annual Report 1994-1996, 1998-1999,* Ministry of Energy, Department of Non-Conventional Energy, New Delhi, 1996 and 1999.
- *Solar Heat Worldwide*, AEE - Institute for Sustainable Technologies, Gleisdorf, various editions up to 2016.
- *India – Biofuels Annual 2015*, Gain Report, USDA Foreign Agriculture Service, New Delhi, January 2014.
- *Energy Data Directory, Yearbook "TEDDY"*, and *Annual Report,* The Energy and Resources Institute "TERI", New Delhi, 1986-1988, 1990, 1994-2000, 2014-15.
- *India's Energy Sector, July 1995,* Center for Monitoring Indian Economy PVT Ltd., Bombay, 1995.
- *Monthly Review of the Indian Economy,* Center for Monitoring Indian Economy PVT Ltd., New Delhi, various issues from 1994 to June 1999.

Electricity

- Direct communication with the Central Electricity Authority, Ministry of Power, Government of India, New Delhi.
- *Growth of Electricity Sector in India from 1947-2013,* Central Electricity Authority, Ministry of Power, New Delhi, July 2015.
- *All India Electricity Statistics General Review 1998-99, 2000-01 to 2008-09, 2011-12*, Central Electricity Authority, Ministry of Power, New Delhi, 2000, 2002 to 2010, 2015.
- *Monthly Generation Review, March 2015*, Central Electricity Authority, Ministry of Power, New Delhi, 2015.
- *Annual Survey of Industries Volume-I 2008-2009* to *2012-13*. Ministry of Statistics and Programme Implementation, Central Statistics Office, Kolkata.

Sources up to 1991:

- *Indian Oil Corporation Limited 1987-88 Annual Report,* Indian Oil Corporation Limited, New Delhi, 1989-1992.
- *Report 1986-87,* Ministry of Energy, Department of Coal, New Delhi, 1981 to 1987.

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- *Annual Report 1986-1987,* Ministry of Energy, Department of Non-Conventional Energy, New Delhi, 1987.
- *Economic Survey,* Ministry of Finance, New Delhi, various editions from 1975 to 1986.
- *Statistical Outline of India,* Ministry of Finance, New Delhi, 1983, 1984, 1986, 1987.
- *Monthly Coal Bulletin, vol xxxvi no.2.*, Ministry of Labour, Directorate General of Mines Safety, New Delhi, February 1986.
- *General Review,* Public Electricity Supply, India Statistics, Central Electricity Authority, New Delhi, 1982 to 1985.

Sources for Biofuels and waste:

- *The UN Energy Statistics Database.*
- Forestry Statistics, FAO,Rome, 2016.
- IEA Secretariat estimates, based on a per capita average consumption from various surveys and direct communication with the former Ministry of Non-conventional Energy Sources.

Indonesia

Electricity consumption for the agricultural sector is estimated by the IEA Secretariat for 2000-2014. This may lead to breaks in time series between 1999-2000.

Discrepancies exist between official data for coal trade in Indonesia. Export figures from 2011 are based on Customs (BPS) data.

Non-specified industry consumption, high in official data, is re-estimated by the IEA Secretariat.

Because of these changes, breaks in time series may occur between 2010 and 2011, and changes in trends may occur compared to previous publications.

The production and allocation of coal among the various coal products between 2000 and 2014 are estimated by the IEA Secretariat due to data collection limitations and discrepancies in trade data.

Sources 2008 to 2014:

- Direct communication with the Data Centre and Information Technology (PUSDATIN), Ministry of Energy and Mineral Resources, Jakarta.
- *Handbook of Energy & Economic Statistics of Indonesia,* PUSDATIN, Ministry of Energy and Mineral Resources (ESDM), Jakarta, various editions up to 2015.
- *Statistik, Minyak & Gas Bumi*, Directorate General of Oil and Gas, Ministry of Energy and Mineral Resources (ESDM), Jakarta, various editions up to 2015.
- *Trade data on coal, charcoal for 1999-2014*, website of the Central Bureau of Statistics of the Republic of Indonesia.
- *Irrigation management to increase agriculture production*. Ministry of Agriculture Republic of Indonesia, Jakarta, 2012.
- *PLN Statistics*, PT.PLN (Persero), Jakarta, various editions up to 2015.
- Direct communication with PT PLN (Persero), Jakarta.
- Direct communication with the Indonesia Coal Mining Association, Jakarta.
- IEA Secretariat estimates.

Sources 1992 to 2007:

- *Indonesia Mineral and Coal Statistics,* Directorate of Coal and Mineral Resources, Jakarta, 1998 to 2007.
- Statistics on Electricity and Energy, 1998 to 2004, Directorate General of Electricity and Energy Utilisation, Jakarta, 1999 to 2005.
- Oil and Gas Statistics of Indonesia, Directorate General Oil and Gas, Jakarta, various editions 1981 to 2007.
- The Petroleum Report Indonesia, various editions, U.S. Embassy in Jakarta, Jakarta, 1986 to 2008.
- Oil and Gas Data Information, 6th Edition, Directorate General Oil and Gas, Jakarta, 2002.
- Statistik Perminyakan Indonesia 1995 to 1999, Indonesia Oil and Gas Statistics, Directorate General of Oil and Gas, Jakarta, 2001.
- Neraca energy 2000, Energy Balance of Indonesia 2000, Asean Center for Energy.
- Mining and Energy Yearbook, 1998, Ministry of Mines and Energy, Jakarta, 1998.
- APEC annual energy statistics questionnaires.
- Direct communication with Directorate General of Coal and Mineral Resources, Directorate General Oil and Gas, and Directorate General of Electricity and Energy Utilisation of the Ministry of Energy and Mineral Resources.
- Direct communication with the Indonesian Institute for Energy Economics, 2004 and 2005.

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- Direct communication with the ASEAN Centre for Energy, 2005.

Sources up to 1991:

- *Indonesian Financial Statistics,* Bank of Indonesia, Jakarta, 1982.
- *Indikator Ekonomi 1980-1985,* Biro Pusat Statistik, Jakarta, 1986.
- *Statistical Yearbook of Indonesia,* Biro Pusat Statistik, Jakarta, 1978 to 1984 and 1992.
- *Statistik Pertambangan Umum, 1973-1985,* Biro Pusat Statistik, Jakarta, 1986.
- *Energy Planning for Development in Indonesia,* Directorate General for Power, Ministry of Mines and Energy, Jakarta, 1981.
- *Commercial Information,* Electric Power Corporation, Perusahaan Umum Listrik Negara, Jakarta, 1984, 1985.

Sources for Biofuels and waste:

- *GAIN Report - Indonesia biofuels Annual*, United States Department of Agriculture, various editions up to 2015.
- *The UN Energy Statistics Database* and IEA Secretariat estimates.
- Direct communication with Indonesian Biofuel Producer Association (APROBI), Jakarta.

Islamic Republic of Iran

Data are reported according to the Iranian calendar year. Data for 2014 correspond to 20 March 201 – 19 March 2015.

Crude oil production and export data do not include field condensate. Field condensate quantities are included with natural gas liquids.

Statistical differences in the Islamic Republic of Iran statistics and balances can include stock change for some coal and oil products.

More detailed information for the consumption of coke oven coke became available for 2009-2012. Breaks in time series may occur between 2008 and 2009.

Sources 1999 to 2014:

- Direct communication with the Ministry of Energy, Teheran.
- Energy Balance of Iran, Department of Energy, Teheran, various editions up to the Iranian year 1393, Teheran.
- *World Development Indicators,* The World Bank, Washington, various editions up to 2014.
- IEA Secretariat estimates.

Sources 1992 to 1998:

- Direct communication with the Ministry of Energy, Office of Deputy Minister for Energy, Teheran, 1998.
- Direct communication with the Ministry of Petroleum, Teheran, 1999.
- *Electric Power in Iran,* Ministry of Energy, Power Planning Bureau, Statistics Section, Teheran, 1992.

Sources up to 1991:

- *Electric Power in Iran,* Ministry of Energy, Power Planning Bureau, Statistics Section, Teheran, 1967 to 1977, 1988, 1990, 1991.
- Ministry of Energy, Office of Deputy Minister for Energy, Teheran, 1971 to 1991.

Sources for Biofuels and waste:

- *The UN Energy Statistics Database*; Forestry Statistics, FAO, Rome, 2000.
- IEA Secretariat estimates.
- Direct communications with the Ministry of Energy, Teheran.

Iraq

In this edition, new data for electricity generation became available for 2010-2013. Breaks in time series may occur between 2009 and 2010.

Crude oil production and export data do not include field condensate. Field condensate quantities are included with natural gas liquids.

Crude oil export data include back-blending of fuel oil.

Sources 1998 to 2014:

- *Reconciliation Report,* Extractive Industries Transparency Initiative (EITI) for Iraq, various editions up to 2015.

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- Direct communication with the Ministry of Oil, Ministry of Electricity, Ministry of Planning and Development Cooperation and with the Central Organization for Statistics and Information Technology.
- *Online Statistics*, Iraq Ministry of Oil.
- *Annual Statistical Bulletin,* Organization of Petroleum Exporting Countries (OPEC), Vienna, various editions up to 2015.
- *Annual Statistical Report*, Organization of Arab Petroleum Exporting Countries (OAPEC), Kuwait, various editions up to 2015.
- Joint Oil Data Initiative (JODI) online database.
- *Statistical Bulletin,* Arab Union of Producers, Transporters and Distributors of Electricity (AUPTDE), Amman, various editions up to 2014.
- *Iraq Weekly Status Report,* US Department of State 2003 to 2004.
- IEA Secretariat estimates.

Sources up to 1997:

- *The UN Energy Statistics Database*.
- IEA Secretariat estimates.

Jamaica

In this edition, new information became available on industrial consumption of oil products and electricity. This may lead to breaks in time series between 2007 and 2008 data as well as differences with previous editions.

Sources 2007 to 2014:

- *National energy balance & various statistics,* Ministry of Science, Technology, Energy and Mining of Jamaica, Kingston, 2012-2014.
- *Annual report,* Jamaica Public Service Company, Kingston, 2012-2014.
- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- *Petroleum Industry Consumption Statistics Jamaica 2003-2008*, Petroleum Corporation of Jamaica, Kingston.
- *Import Statistics 2006-2007*, Petrojam limited, Kingston
- Direct communication with the Office of Utilities Regulation, Kingston, 2008.
- IEA Secretariat estimates.

Sources 1991 to 2006:

- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- IEA Secretariat estimates.

Sources up to 1990:

- *National Energy Outlook 1985-1989,* Petroleum Corporation of Jamaica, Economics and Planning Division, Kingston, 1985.
- *Energy and Economic Review,* Petroleum Corporation of Jamaica, Energy Economics Department, Kingston, September 1986, December 1986 and March 1987.
- *Production Statistics 1988,* Planning Institute of Jamaica, Kingston, 1989.
- *Statistical Digest,* Research and Development Division, Bank of Jamaica, Kingston, 1984, 1985, 1986, 1989, 1990.

Sources for Biofuels and waste:

- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/

Jordan

Due to an attack on a major natural gas pipeline between Egypt and Jordan during the 2011 revolution in Egypt, Jordan relied much more on fuel oil and diesel for power generation since then.

Sources 2005 to 2014:

- Direct communication with the Ministry of Energy and Mineral Resources, Amman.
- *Annual Report,* National Electric Power Company, Amman, various editions up to 2015.
- IEA Secretariat estimates.

Sources 1992 to 2004:

- Direct communication with the National Electric Power Company, Amman.
- *Annual Report,* National Electric Power Company, Amman, 1996, 1997, 1999 to 2004.
- *Annual Report 1992, 1993,* Jordan Electricity Authority, Amman, 1993, 1994.

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- *Energy and Electricity in Jordan 1992, 1993, 1994, 1995,* Jordan Electricity Authority, Amman, 1993 to 1996.
- *Statistical Yearbook, 1994,* Department of Statistics, Amman, 1995.
- *44th Annual Report* for the year ending 31st December 1999, Jordan Petroleum Refinery Company, Amman, 2000.
- IEA Secretariat estimates.

Sources up to 1991:

- *Monthly Statistical Bulletin,* Central Bank of Jordan, Department of Research Studies, Amman, various issues.
- *Statistical Yearbook,* Department of Statistics, Amman, 1985, 1986 and 1988.
- *1986 Annual Report,* Ministry of Energy and Mineral Resources, Amman, 1987.
- *1989 Annual Report,* Ministry of Energy and Mineral Resources, Amman, 1990.

Sources for Biofuels and waste:

- *Forestry Statistics,* FAO, Rome, 2000.
- IEA Secretariat estimates.

Kazakhstan

Data for Kazakhstan are available starting in 1990. Prior to that, they are included in Former Soviet Union.

The IEA Secretariat is working with the Agency on Statistics of the Republic of Kazakhstan to re-allocate the non-specified industry coal consumption. Therefore future revisions to coal consumption figures may be expected.

As a result of important work done by the Statistical Office of Kazakhstan, the IEA Secretariat was able to switch to the Joint IEA/Eurostat/UNECE questionnaires as a primary source for Kazakhstan's data from 2012 onwards. Breaks in time series may appear between 2011 and 2012 as a result of this change.

In 2010, Kazakhstan became a member of a Customs Union with Russia and Belarus. Breaks in trade time series appear from 2009 to 2012 as the Customs shifted from one accounting system to another.

Kazakhstan's coal data are normally not disaggregated by coal type. The disaggregation presented in the IEA energy balances is achieved by considering the typical end uses for different types of coals. This may lead to large statistical differences for some types of coal.

Natural gas production excludes re-injection but, due to data limitations, may include gas vented or flared. As a consequence, the data for natural gas use in oil and gas extraction may also include these amounts.

In order to be consistent with the Customs Union agreements between Russia and Kazakhstan, natural gas production and exports include raw gas production from the Karachaganak field (not marketable gas as per IEA definition).

Natural gas trade data have been revised by Kazakhstan leading to large statistical differences for 2012 and 2013.

Sources 2012 to 2014:

- Direct communication with the Agency on Statistics of the Republic of Kazakhstan, Astana.
- Joint IEA/Eurostat/UNECE annual energy question-naires for Coal, Oil, Natural gas, Electricity and heat and Renewables
- IEA Secretariat estimates.

Sources 1993 to 2011:

- Direct communication with the Agency on Statistics of the Republic of Kazakhstan, Astana.
- *Fuel and Energy Balance of Kazakhstan Republic,* Agency on Statistics of the Republic of Kazakhstan, Astana, various editions up to 2010.
- Joint IEA/Eurostat/UNECE annual energy questionnaires, 1993, 1995, 1997 to 2009.
- *Statistical Yearbook "Kazakhstan in 2009",* Agency on Statistics of the Republic of Kazakhstan, Astana, 2010.
- IEA Secretariat estimates.

Sources 1990 to 1992:

- IEA Secretariat estimates.

Sources for Biofuels and waste:

- *Fuel and Energy Balance of Kazakhstan Republic,* Agency on Statistics of the Republic of Kazakhstan, Astana, various editions up to 2010.
- *Forestry Statistics*, FAO, Rome, 2000.
- IEA Secretariat estimates.

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Kenya

As of 2001, electricity data are reported on a fiscal year basis, beginning on the 1st of July and ending on the 30th June of the subsequent year.

Stock changes for lubricants may include informal trade.

Sources 2005 to 2014:

- *Economic Survey*, Central Bureau of Statistics, Nairobi, various editions up to 2015.
- *Annual Report and Financial Statements*, Kenya Power, various editions up to 2015.
- Direct communication with AFREPREN and Petroleum Institute of East Africa, Nairobi, up to 2008.
- *Kenya, Facts and figures*, 2006 Edition, Central Bureau of Statistics, Nairobi.
- *Annual Report and Accounts*, 2006/07 to 2013/14 the Kenya Power & Lighting Company Limited, Nairobi.
- IEA Secretariat estimates.

Sources 1992 to 2004:

- Direct communication with the Ministry of Energy, Nairobi.
- *Economic Survey, 1995 to 2004,* Central Bureau of Statistics, Nairobi.
- *Annual Report and Accounts*, 2001/02, 2002/03, 2003/2004, 2004, 2005, the Kenya Power & Lighting Company Limited, Nairobi.
- *The UN Energy Statistics Database.*

Sources up to 1991:

- *Economic Survey,* Government of Kenya, Nairobi, 1989.
- *Economic Survey 1991,* Ministry of Planning and National Development, Central Bureau of Statistics, Nairobi, 1992.
- *Kenya Statistical Digest,* Ministry of Planning and National Development, Central Bureau of Statistics, Nairobi, 1988.

Sources for Biofuels and waste:

- Data for 2000 are based on research carried out by the Ministry of Energy on consumption of solid biofuels. The results of this research were published as part of a National Energy Policy initiative.
- IEA Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa,* African Energy Programme of the African Development Bank, Abidjan, 1996.

Kosovo

Data for Kosovo are available starting in 2000. Prior to that, they are included in Serbia.

2011 is the first year when electricity transit trade data are available. As a result, a break in time series occurs between 2010 and 2011.

In 2011, a desulphurization unit operated in Kosovo for a few months only. As a result, breaks in time series occur between 2010-2011 and 2011-2012.

Sources 2011-2014:

- Direct communication with the Kosovo Agency of Statistics, Pristina, Kosovo.
- Direct communication with the Ministry of Energy and Mining, Pristina, Kosovo.
- Joint IEA/Eurostat/UNECE annual energy questionnaires.

Sources 2003 to 2010:

- Kosovo National Energy Balances, Ministry of Energy and Mining Department of Strategy, Standards and Statistics from 2003 to 2010.
- IEA Secretariat estimates

Sources 2000 to 2002:

- IEA Secretariat estimates.

Kuwait

Crude oil production and export data do not include field condensate. Field condensate quantities are included with natural gas liquids.

Data for crude oil production include 50 per cent of the output of the Neutral Zone.

Information for the use of ethane in the petrochemical sector is available from 2008 onward. This may lead to breaks in time series for ethane and naphtha production and consumption between 2007 and 2008.

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Sources 1992 to 2014:

- *Statistical Bulletin,* Arab Union of Producers, Transporters and Distributors of Electricity (AUPTDE), Amman, 2011 to 2015.
- Direct communication with the Ministry of Oil, Economic Affairs, Energy Research, Safat, 2005, 2007 to 2014.
- *Annual Electrical Statistics*, Ministry of Electricity and Water, Safat, various editions up to 2009.
- *Annual Statistical Abstract*, Central Statistical Bureau, State of Kuwait various edition up to 2014.
- *Annual Statistical Bulletin,* Organization of Petroleum Exporting Countries (OPEC), Vienna, various editions up to 2015.
- *Annual Statistical Report*, Organization of Arab Petroleum Exporting Countries (OAPEC), Kuwait, various editions up to 2015.
- Direct communication with the Ministry of Oil, Safat, the Ministry of Planning and the Ministry of Electricity & Water, Kuwait City.
- *Monthly Digest of Statistics,* Ministry of Planning, Central Statistical Office, Kuwait, 1999.
- *A Survey of the Kuwait Oil Industry,* Embassy of the United States of America in Kuwait City, Kuwait, 1993.
- *Twelfth Annual Report 1991-1992,* Kuwait Petroleum Corporation, Kuwait, 1993.
- The UN Energy Statistics Database.
- IEA Secretariat estimates.

Sources up to 1991:

- *Quarterly Statistical Bulletin,* Central Bank of Kuwait, Kuwait, various editions from 1986 and 1987.
- *The Kuwaiti Economy,* Central Bank of Kuwait, Kuwait, various editions from 1980 to 1985.
- *Annual Statistical Abstract,* Ministry of Planning, Central Statistical Office, Kuwait, 1986 and 1989.
- *Monthly Digest of Statistics,* Ministry of Planning, Central Statistical Office, Kuwait, various editions from 1986 to 1990.
- *Economic and Financial Bulletin Monthly,* Central Bank of Kuwait, Kuwait, various editions from 1983 to 1986.
- *Kuwait in Figures,* The National Bank of Kuwait, Kuwait, 1986, 1987.

Sources for Biofuels and waste:

- *Forestry Statistics,* FAO, Rome, 2001.
- IEA Secretariat estimates.

Kyrgyzstan

Data for Kyrgyzstan are available starting in 1990. Prior to that, they are included in Former Soviet Union.

In the 2014 edition, time series data for electricity, oil products, and coal products for 2005 to 2011 were revised based on newly available information. This may lead to breaks in the time for some products.

Sources 2007 to 2014:

- Direct communication with the National Statistical Committee of Kyrgyzstan, Bishkek. Joint IEA/Eurostat/UNECE annual energy questionnaires for 2012 and 2013.
- *Fuel & Energy Balances*, National Statistical Committee of Kyrgyzstan, Bishkek, 2014.Direct communication with the Interstate Statistical Committee of the Commonwealth of Independent States, Moscow.
- *CIS and East European Energy Databook*, Eastern Bloc Research Ltd, Tolsta Chaolais, 2008 to 2014.
- *Natural Gas Vehicles Statistics,* International Association for Natural Gas Vehicles, online database: www.iangv.org.
- The UN Energy Statistics Database.
- IEA Secretariat estimates.

Sources 1993 to 2006:

- Joint IEA/Eurostat/UNECE annual energy questionnaires, 1993 to 2006.
- *CIS and East European Energy Databook*, Eastern Bloc Research Ltd, Tolsta Chaolais, various editions up to 2007.
- Asian Development Bank.
- IEA Secretariat estimates.

Sources 1990 to 1992:

- IEA Secretariat estimates.

Sources for Biofuels and waste:

- *The UN Energy Statistics Database.*

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Latvia

Data for Latvia are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Sources 1990 to 2014:

- Direct communication with Statistics Latvia, Riga.
- Joint IEA/Eurostat/UNECE annual energy questionnaires for Oil, Natural gas, Coal, Renewables, Electricity and heat.
- Balance of Latvian Energy, EC PHARE Project Implementation Unit, Ministry of Economics, Department of Energy, Riga, 1994.
- IEA Secretariat estimates.

Lebanon

A significant share of electricity generated in Lebanon is produced using private generators. The corresponding electricity outputs and inputs are estimated by the IEA Secretariat based on ALMEE-figures (Association Libanaise pour la Maîtrise de l'Energie et l'Environnement).

Customs data for trade of oil products may be misleading due to the existence of informal trade with neighbouring countries.

Sources up to 2014:

- Direct communication with Association Libanaise pour la Maîtrise de l'Energie et l'Environnement, (ALMEE), Beirut.
- Direct communication with Lebanese Center for Energy Conservation, Beirut.
- *Les bilans énergétiques au Liban,* Association Libanaise pour la Maîtrise de l'Energie et de l'Environnement, Beirut, 2007 to 2015.
- *L'Energie au Liban,* Association Libanaise pour la Maîtrise de l'Energie et de l'Environnement, Beirut, 1994 to 2006.
- *L'Energie au Liban, le Défi,* Association Libanaise pour la Maîtrise de l'Energie, Beirut, December 1996.
- Mauthner, F. and Weiss W., *Solar Heat Worldwide - Markets and contribution to the energy supply*, various editions up to 2014, IEA Solar Heating and Cooling Programme.
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- *Le marché du solaire thermique au Liban,* Association Libanaise pour la Maîtrise de l'Energie et de l'Environnement, Beirut, 2010.
- *Forestry Statistics,* FAO, Rome, 2015.
- IEA Secretariat estimates.

Libya

Crude oil production and export data do not include field condensate. Field condensate quantities are included with natural gas liquids.

New information on oil and electricity is available from 2006. Breaks in time series may occur between 2005 and 2006.

Sources 1971 to 2014:

- *Bulletin Statistique Annuel, Comite Maghrebin d'électricité (COMELEC), various editions up to 2014.*
- Statistical Bulletin, Central Bank of Libya,Tripoli, various editions up to 2015.
- Direct communication with the Ministry of Electricity and Renewable Energy, Tripoli.
- Annual Statistical Bulletin, Organization of Petroleum Exporting Countries (OPEC), Vienna, various editions up to 2014.
- Annual Statistical Report, Organization of Arab Petroleum Exporting Countries (OAPEC), Kuwait, various editions up to 2014.
- Natural Gas in the World, Cedigaz, Paris, various editions up to 2015.
- Statistical Bulletin, Arab Union of Producers, Transporters and Distributors of Electricity (AUPTDE), Amman, various editions up to 2014.
- Annual Report, 2008, General Electricity Company (GECOL), Tripoli.
- Statistical Abstract of Libya, 19th vol., Government of Libya, Tripoli, 1983.
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- The *UN Energy Statistics Database*.
- IEA Secretariat estimates.

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Lithuania

Data for Lithuania are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Lithuania shut down its only nuclear power plant in 2009 (Ignalina nuclear power plant).

In 2013 Lithuania started an industrial and municipal waste incinerator, which may lead to breaks in time series for these products.

Sources 1990 to 2014:

- Direct communication with Statistics Lithuania, Vilnius.
- Joint IEA/Eurostat/UNECE annual energy questionnaires for Oil, Natural gas, Coal, Renewables, Electricity and heat.

Malaysia

For natural gas production from the Joint-Development Areas (JDA) with Thailand and with Indonesia, Malaysia reports only the production that corresponds to Malaysia. The rest is being reported as imports. For the JDA with Viet Nam, the production reported includes all the gas produced.

Detailed information on the non-energy use by oil product is only available from 2007 to 2009. From 2010, these quantities are only presented in aggregate form under the category other non-specified oil products.

From 2009, electricity generation from co-generators, small renewable power producers and self-generators is available. As a consequence, breaks in time series may appear for electricity between 2008 and 2009.

LPG data may include ethane.

Sources 2000 to 2014:

- Direct communication with the Energy Commission, formerly known as Malaysia Energy Centre (PTM), Putrajaya.
- *National Energy Balance,* Malaysia, Energy Commission, Putrajaya, 2009 to 2014.
- *Electricity Supply Industry in Malaysia, Performance and Statistical Information*, Malaysia Energy Comission, Putrajaya, 2009 to 2014.
- *Electricity Supply Statistics, Malaysia Energy Information Hub*, website: meih.st.gov.my, 2016.
- *Monthly exports of oil palm products*, Malaysia Palm Oil Board, Kuala Lumpur.
- APEC annual energy questionnaires, 2009, 2011.
- *National Energy Balance Malaysia,* Ministry of Energy, Water and Communication, Kuala Lumpur, 2002 to 2008.

Sources up to 2000:

- Direct communication with Petroliam Nacional Berhad, Kuala Lumpur, April 2001.

Sources for Biofuels and waste:

- *Monthly exports of oil palm products*, Malaysia Palm Oil Board, Kuala Lumpur.
- *The UN Energy Statistics Database*.
- *Forestry Statistics,* FAO, Rome, 2016.
- IEA Secretariat estimates.

Malta

Revised data were submitted by Malta for 2010-2013, to correct errors that had been noted before. This may lead to breaks in time series between 2009 and 2010 for some products and flows.

In 2011, a new power generation station fuelled by biogas became operational in Malta. This may lead to breaks in time series for some products and flows.

Sources 1971 to 2014:

- Direct communication with the Central Office of Statistics, Valletta.
- Joint IEA/Eurostat/UNECE annual energy questionnaire on Oil, 1995 to 1998, 2000, 2001, 2005 to 2014.
- Joint IEA/Eurostat/UNECE annual energy questionnaire on Electricity and heat, 1994 to 1998, 2000, 2001, 2003, and 2005 to 2014.
- Joint IEA/Eurostat/UNECE annual energy questionnaire on Renewables, 2011 to 2014.
- Joint IEA/Eurostat/UNECE annual questionnaire on Coal, 1994, 1995.
- *Solar Heat Worldwide*, AEE - Institute for Sustainable Technologies, Gleisdorf, various editions up to 2010.
- IEA Secretariat estimates.

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Sources for Biofuels and waste:

- Joint IEA/Eurostat/UNECE annual energy questionnaire on Renewables, 2011 to 2014.

Mauritius

Sources 1971 to 2014:

- Direct communication with the Ministry of Public Utilities, Statistics Unit, Port Louis.
- Website of the Statistics Mauritius under the Ministry of Public Utilities, statsmauritius.gov.mu.
- *Energy and Water Statistics 2014,* Statistics Mauritius, Port Louis.

Moldova

Data for Moldova are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Official figures on natural gas imports, natural gas inputs to power plants, electricity production and consumption are modified by the IEA Secretariat to include estimates for supply and demand for the autonomous region of Stînga Nistrului (also known as the Pridnestrovian Moldavian Republic or Transnistria). Other energy production or consumption from this region is not included in the Moldovan data. This may lead to breaks in the time series for some products.

Due to the inclusion of estimated data in the Moldova energy balance, indicators for per capita energy consumption or energy intensity may appear inconsistent with expected trends.

In 2013, the National Bureau of Statistics revised data submitted through Joint IEA/Eurostat /UNECE questionnaires from 2005 based on the International Recommendations for Energy Statistics. This may lead to breaks in time series for some products.

In 2014, the National Bureau of Statistics revised data submitted through Joint IEA/Eurostat /UNECE questionnaires from 1993 for heat, and from 2012 for aviation bunkers, based on the International Recommendations for Energy Statistics. This may lead to breaks in time series for some products.

In 2014, solid biofuels production and consumption data were revised based on new surveys conducted in 2014. Breaks in time series between 2009 and 2010 may result because of this.

Sources 2008 to 2014:

- For Moldova, excluding Transnistria:
- Direct communication with the National Bureau of Statistics of the Republic of Moldova, Chisinau.
- Joint IEA/Eurostat/UNECE annual energy questionnaires on Coal, Oil Natural gas, Electricity and heat and Renewables
- For natural gas imports:
- Direct communication with State Statistics Service of Ukraine.
- For Transnistria electricity production:
- Website of Ministry of Economic Development of Transnistrian Moldovian Republic, *www.mepmr.org*
- IEA Secretariat estimates.

Sources 1992 to 2008:

- Joint IEA/Eurostat/UNECE annual energy questionnaire on Electricity and heat, 1991 to 2008.
- Joint IEA/Eurostat/UNECE annual energy questionnaire on Natural gas, 1991 to 2008.
- Joint IEA/Eurostat/UNECE annual energy questionnaire on Coal, 1992 to 2008.
- Joint IEA/Eurostat/UNECE annual energy questionnaire on Oil, 1993 to 1998, 2001 to 2008.
- Direct communication with the Ministry of Industry and Energy, July 1992.
- *CIS and East European Energy Databook*, Eastern Bloc Research Ltd, Tolsta Chaolais, various editions up to 2011.
- IEA Secretariat estimates.

Sources 1990 to 1991:

- IEA Secretariat estimates.

Sources for Biofuels and waste:

- Joint IEA/Eurostat/UNECE Renewable questionnaire.
- *The UN Energy Statistics Database*.
- IEA Secretariat estimates.

Mongolia

Data for Mongolia are available starting in 1985. Prior to that, they are included in Other Asia.

New data became available in 2015 which allowed a disaggregation of coal by type. In addition time series were revised from 2005 forward. Breaks in time series

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between 2004 and 2005 may result as well as differences in trends from previous editions.

Sources 1985 to 2014:

- *Mongolian Statistical Yearbook*, National Statistical Office, Ulaanbaatar, various editions up to 2015.
- *Balance of Coal & Coal Exports*, Mongolian Statistical Information Service, National Statistical Office, Ulaanbaatar, online statistical service: *www.1212.mn*.
- *Mongolian Statistical Bulletin, December 2009,* National Statistical Office, Ulaanbaatar, 2009.
- Asian Development Bank online database.
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- *FAO, Forestry Statistics, online database.*
- IEA Secretariat estimates.

Montenegro

Data for Montenegro are available starting in 2005. Between 1990 and 2004, they are included in Serbia. Prior to 1990, they are included in Former Yugoslavia.

Breaks in time series appearing in solid biofuels between 2010 and 2011 can be explained by a new survey carried out by Montenegro in 2013.

A new survey on energy consumption in industry was conducted by Montenegro in 2014. Due to this newly available data some breaks in time series may occur between 2013 and 2014.

Sources 2005 to 2014:

- Direct communication with the Statistical Office of Montenegro (MONSTAT), Podgorica.
- Joint IEA/Eurostat/UNECE annual energy questionnaires on Gas, Oil, Renewables, Coal, Electricity and heat.

Morocco

In this edition revisions were made in the energy balances for the period 2004-2014. This may lead to breaks in time series.

A new refinery began operations in 2009 which can accommodate new feedstocks and additives. This may lead to breaks in time series between 2009 and 2010.

Sources 1992 to 2014:

- Direct communication with Ministère de l'Energie et des Mines, Direction des Mines, Rabat.
- *Annuaire Statistique du Maroc,* Haut-Commissariat au Plan, Direction de la Statistique, Rabat, 1980, 1984, 1986 to 2011.
- Electricity consumption by economic sector from direct communication with Office National de l'Electricité, Casablanca.

Sources up to 1991:

- *Rapport d'Activité 1992,* Office National de l'Electricité, Casablanca, 1993.
- *Le Maroc en Chiffres 1986,* Ministère du Plan, Direction de la Statistique, Rabat, 1987.
- *Rapport Annuel,* Office National de Recherches et d'Exploitations Pétrolières, Maroc, 1984.
- *Rapport d'Activité du Secteur Pétrolier 1983,* Ministère de l'Energie et des Mines, Direction de l'Energie, Rabat, 1984.
- *Rapport sur les Données Energétiques Nationales 1979-1981,* Ministère de l'Energie et des Mines, Rabat, 1982.

Sources for Biofuels and waste:

- Direct communication with Ministère de l'Energie et des Mines, Direction des Mines, Rabat.
- *The UN Energy Statistics Database*.
- IEA Secretariat estimates.

Mozambique

Sources 1992 to 2014:

- Direct communication with Ministério da Energia, Maputo and the National Petroleum Institute.
- *Annual Statistical Yearbook 1993, 1994, 1995*, Eskom, Johannesburg, 1994, 1995, 1996, citing Electricidade de Mozambique, Maputo, as source.
- *The UN Energy Statistics Database.*
- IEA Secretariat estimates.

Sources up to 1991:

- IEA Secretariat estimates.

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Sources for Biofuels and waste:

- Direct communication with Ministério da Energia, Maputo.
- IEA Secretariat estimates.

Myanmar

Some data are reported on a fiscal year basis, beginning on the 1st of April and ending on the 31th March of the subsequent year.

Sources 1992 to 2014:

- Direct communication with the Institute of Energy Economics, Japan (IEEJ), Tokyo, 2010-2014.
- *Selected Indicators,* Myanmar Central Statistical Organisation website: *www.csostat.gov.mm*.
- Joint Oil Data Initiative (JODI) online database.
- *Oil and Thailand,* Ministry of Energy, Department of Alternative Energy Development and Efficiency, Bangkok, 2007 to 2013.
- Direct communication with the Ministry of Energy, Planning Department, Rangoon, 2006-2007.
- *Review of the Financial Economic and Social Conditions,* Ministry of National Planning and Economic Development, Central Statistical Organization, Rangoon, 1995, 1996.
- *Statistical Yearbook,* Ministry of National Planning and Economic Development, Central Statistical Organization, Rangoon, 1995, 1996.
- *The UN Energy Statistics Database.*
- *The ASEAN Energy Statistics Database.*
- Asian Development Bank online database.
- Natural Gas in the World, Cedigaz, Paris, various editions up to 2015.
- IEA Secretariat estimates.

Sources up to 1991:

- *Sectoral Energy Demand in Myanmar,* UNDP Economic and Social Commission for Asia and the Pacific, Bangkok, 1992.
- *Selected Monthly Economic Indicators, paper no. 3,* Ministry of Planning and Finance, Central Statistical Organization, Rangoon, 1989.

Sources for Biofuels and waste:

- Wood data have been submitted by the Ministry of Energy, from 1985 to 2003.
- IEA Secretariat estimates based on 1990 data from *UNDP Sixth Country Programme Union of Myanmar,* World Bank, Programme Sectoral Review of Energy, by Sousing et. al., Washington, D.C., 1991.

Namibia

Data for Namibia are available starting in 1991. Prior to that, data are included in Other Africa.

Sources 1991 to 2014:

- *Namibia Energy Balance 2000-2014*. Electricity Control Board, Windhoek.
- Direct communication with the Ministry of Mines and Energy, Windhoek.
- *NamPower Annual Report*, Namibia Power Corporation, Windhoek, various editions up to 2015. Note: NamPower data are published on a fiscal year basis (July to June)
- Mauthner, F. and Weiss W., *Solar Heat Worldwide - Markets and contribution to the energy supply*, various editions up to 2016, IEA Solar Heating and Cooling Programme.
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- IEA Secretariat estimates.

Nepal

Data are reported on a fiscal year basis, beginning on the 1st of July and ending on the 30th June of the subsequent year (2014/15 will be treated as 2014).

Sources up to 2014:

- *Energy Sector Synopsis Report*, Water and Energy Commission Secretariat (WECS), Kathmandu, July 2010.
- *A Year in Review,* Nepal Electricity Authority, Durbar Marg, Kathmandu, various editions up to fiscal year 2014/15.

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- *Imports and Sales of Petroleum Products*, Nepal Oil Corporation Limited, Kathmandu, various editions up to 2013.
- Direct communication with the Water and Energy Commission Secretariat (WECS), Ministry of Water Resources, Kathmandu.
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- Water and Energy Commission Secretariat (WECS), Ministry of Water Resources, Kathmandu.

Sources up to 1996:

- *The UN Energy Statistics Database*.

Nicaragua

Sources up to 2014:

- *Estadísticas de los Hidrocarburos,* Ministerio de Energía y Minas, Managua, 2008 to 2013.
- *Generación Bruta por Tipo de Planta*, Instituto Nicaragüense de Energía, Managua, 2015.
- *Consumo de Combustible por Tipo de Planta*, Instituto Nicaragüense de Energía, Managua, 2015.
- *Balance Energético Nacional*, Ministerio de Energía y Minas, Managua, 2006 to 2007.
- *Balance Energético Nacional*, Comisión Nacional de Energía (CNE), Dirección de Políticas Energéticas, Managua, 2000 to 2005.
- *Estadísticas de Suministro de los Hidrocarburos*, Instituto Nicaragüense de Energía, Managua, 1999 to 2004.
- *Informe Anual 1996: Datos Estadísticos del Sector Electrico*, INE, Managua, 1999.
- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/

Sources for Biofuels and waste:

- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- *Balance Energetico Nacional*, Comision Nacional de Energia (CNE), Managua, 1999 to 2007.

Niger

In this edition, data for Niger became available from 2000 to 2014. Prior to 2000, data for Niger are presented in Other Africa.

Stock change may include statistical difference for Crude Oil.

Sources up to 2014:

- Direct communication with the Ministry of Energy and Oil.
- IEA Secretariat estimates

Sources for Biofuels and waste:

- Ministry of Energy and Oil
- IEA Secretariat estimates

Nigeria

Crude oil production and export data may include field condensate.

Statistical differences may include oil products smuggled to or from neighbouring countries.

Inputs of motor gasoline and gas/diesel to back-up electricity generation, as well as the associated electricity outputs, which may be substantial in Nigeria, may not be captured.

In the 2015 edition, new information became available indicating that on-grid power generation has been fuelled by natural gas for many years. This may lead to breaks in time series between 1996 and 1997 as well as differences in trends compared to previous editions for some oil products.

Sources 1992 to 2014:

- Direct communication with the Energy Commission of Nigeria, Abuja.
- *Annual Petroleum Bulletin,* 1998 to 2015, Nigerian National Petroleum Corporation (NNPC), Abuja.
- *Statistical Bulletin*, Central Bank of Nigeria, Abuja, 2003 to 2014.
- *Natural Gas in the World,* Cedigaz, Paris, various editions up to 2015.

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- *Annual Statistical Bulletin,* Organization of Petroleum Exporting Countries (OPEC), Vienna, various editions up to 2015.
- *Monthly Petroleum Bulletin* for 2000, Nigerian National Petroleum Corporation (NNPC), Abuja.
- *Annual Report and Statement of Accounts 1995*, Central Bank of Nigeria, Lagos, 1996.
- *Nigerian Petroleum News,* Energy Publications, monthly reports, various issues up to May 1998.
- IEA Secretariat estimates.

Sources up to 1991:

- *Annual Report and Statement of Accounts,* Central Bank of Nigeria, Lagos, various editions from 1981 to 1987.
- *Basic Energy Statistics for Nigeria,* Nigerian National Petroleum Corporation, Lagos, 1984.
- *NNPC Annual Statistical Bulletin,* Nigerian National Petroleum Corporation, Lagos, 1983 to 1987.
- *The Economic and Financial Review,* Central Bank of Nigeria, Lagos, various editions.

Sources for Biofuels and waste:

- IEA Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa,* African Energy Programme of the African Development Bank, Abidjan, 1996.

Oman

The interconnected nature of the Mina-Al-Fahal and Sohar oil refineries is reflected in the fuel oil data leading to breaks in time series for some products between 2007 and 2008.

Natural gas shows a break in time series for some flows between 2006 and 2007 due to a new methodology applied in both supply and demand.

Electricity output shows a break in time series between 2004 and 2005 as a national data source became available.

Sources 2005 to 2014:

- *Statistical Yearbook*, National Centre for Statistics and Information (NSCI), various editions from 1999 to 2015 (Formerly Ministry of National Economy).
- *Online statistics*, Sultanate of Oman Ministry of Oil and Gas.
- *Annual report*, Authority for Electricity Regulation, Oman, various editions from 2005 to 2014.
- *Annual report,* Oman LNG Company, various editions from 2009 to 2014.
- *Annual Report*, Central Bank of Oman, Muscat, various editions up to 2014.
- Natural Gas in the World, Cedigaz, Paris, various editions up to 2015.
- *Annual Statistical Report*, Organization of Arab Petroleum Exporting Countries (OAPEC), Kuwait, various editions up to 2014.
- The LNG Industry, International Group of Liquefied Natural Gas Importers (GIIGNL), Levallois, 2005-2014.
- IEA Secretariat estimates.

Sources 1992-2004:

- Direct communication with the Ministry of National Economy, Muscat.
- Direct communication with the Ministry of Oil and Gas, Muscat.
- Direct communication with the Ministry of Petroleum and Minerals, Muscat, 1997, 1998, and 1999.
- Direct communication with the Ministry of Electricity & Water, Office of the Under Secretary, Ruwi, 1998 to 2001.
- *Quarterly Bulletin December 1994*, Central Bank of Oman, Muscat, 1995.
- *Annual Report*, Central Bank of Oman, Muscat, 1993.
- Statistical Yearbook, 1994, 1995, 1996, 1997, Ministry of Development, Muscat, 1995 to 1998.
- IEA Secretariat estimates.

Sources up to 1991:

- *Quarterly Bulletin,* Central Bank of Oman, Muscat, 1986, 1987, 1989 and 1995.
- *Annual Report to His Majesty the Sultan of Oman,* Department of Information and Public Affairs, Petroleum Development, Muscat, 1981, 1982, and 1984.
- *Oman Facts and Figures 1986,* Directorate General of National Statistics, Development Council, Technical Secretariat, Muscat, 1987.

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- *Quarterly Bulletin on Main Economic Indicators,* Directorate General of National Statistics, Muscat, 1989.
- *Statistical Yearbook,* Directorate General of National Statistics, Development Council, Muscat, 1985, 1986, 1988 and 1992.

Pakistan

The IEA Secretariat could not obtain data for 2014 from Pakistan in time. As a consequence, most data points for 2014 have been estimated based on developments in population and GDP in Pakistan. Specific information on new installed capacity has been incorporated into these estimations.

Time series data for natural gas for the years 2004-2007 were revised in 2009 due to the inclusion of the North-West Frontier Province data (now called KPK) and Pakistan Steel Mills. Breaks in time series may occur between 2003 and 2004.

Own use of electricity by industries with autoproducer electricity plants may not be captured.

For bitumen and lubricants, data for stock variations may include unreported trade or consumption.

Sources 1992 to 2014:

- *Energy Yearbook,* Hydrocarbon Development Institute of Pakistan, Ministry of Petroleum and Natural Resources, Islamabad, various editions from 1979 to 2014.
- *Pakistan Economic Survey 1994-1995, 1996, 1997,* Government of Pakistan, Finance Division, Islamabad, 1995, 1997, 1998.
- *Statistical Supplement 1993/1994,* Finance Division, Economic Adviser's Wing, Government of Pakistan, Islamabad, 1995.
- *Natural Gas in the World*, Cedigaz, Paris, various editions up to 2015.
- IEA Secretariat estimates.

Sources up to 1991:

- *Monthly Statistical Bulletin, no. 12,* Federal Bureau of Statistics, Islamabad, December 1989.
- *1986 Bulletin,* The State Bank of Pakistan, Islamabad, 1987.

Sources for Biofuels and waste:

- IEA Secretariat estimates based on 1991 data from *Household Energy Strategy Study (HESS)* of 1991.

Panama

International aviation bunkers figures for jet kerosene may include exports. The national administration is working to revise time series for jet kerosene.

From 2003 onwards there has been no output of oil products due to refinery closure.

Sources up to 2014:

- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- *Compendio Estadístico Energético 1970-2014*, Ministerio de Economía y Finanzas, Comisión de Política Energética, Panama.
- *Boletín Estadístico Marítimo Portuario*, Autoridad Maritima de Panama (AMP), Panama, 2007 to 2014, http://www.amp.gob.pa.
- *Annual report,* Canal de Panamá, Panama, 2012.
- U.S. Energy Information Administration (EIA), website, marine bunkers data from 2001 to 2006.

Paraguay

The Itaipu hydroelectric plant, operating since 1984 and located on the Paraná River (which forms the border of Brazil and Paraguay) was formed as a joint venture between Eletrobrás and the Paraguayan government. Production is shared equally between Brazil and Paraguay.

From 2006 onwards, there has been no output of oil products, due to refinery closure.

Sources 1971 to 2014:

- *Balance Energético Nacional, 1971-2014,* Viceministerio de Energía y Minas, Ministerio de Obras Públicas y Comunicaciones, San Lorenzo.
- Direct communication with Ministerio de Obras Públicas y Comunicaciones, San Lorenzo.

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Sources for Biofuels and waste:

- Direct communication with the Non-Conventional Energy Department of Ministerio de Obras Públicas y Comunicaciones, San Lorenzo.

Peru

Liquid biofuels are included in the energy balances from 2010 onwards.

Sources 1971 to 2014:

- Direct communication with Ministerio de Energía y Minas, Oficina Técnica de Energía, Lima.
- *Balance Nacional de Energía,* Ministerio de Energía y Minas, Lima, various editions up to 2015.
- Organismo Supervisor de la Inversión en Energía y Minería, Hidrocarburos Estadisticas 2012.
- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- IEA Secretariat estimates.

Philippines

Sources 1990 to 2014:

- *Energy Commodity Account (ECA)* and *Overall Energy Balance (OEB),* 1990-2008, 2010-2014 submitted by the Department of Energy, Manila.
- Direct communication with the Department of Energy, Manila.
- APEC annual energy statistics questionnaires.
- *Annual Report*, Semirara Mining Corporation, 2006-2014.
- *Annual steel production 1980-2015*, World Steel Association, *www.worldsteel.org/statistics/.Philippines Energy Bulletin* 1996, 1997, 1998, 1999.
- IEA Secretariat estimates.

Sources up to 1989:

- Direct communication with the Office of Energy Affairs, Manila.
- *APEC Energy Statistics 1994*, Tokyo, October 1996.
- *1990 Power Development Program (1990-2005),* National Power Corporation, Manila, 1990.
- *Philippine Medium-term Energy Plan 1988-1992,* Office of Energy Affairs, Manila, 1989.
- *Philippine Statistical Yearbook 1977-1983,* National Economic and Development Authority, Manila.
- *1985* and *1989 Annual Report,* National Power Corporation, Manila, 1986, 1990.
- *Philippine Economic Indicators,* National Economic and Development Authority, Manila, various editions of 1985.
- *Accomplishment Report: Energy Self-Reliance 1973-1983,* Ministry of Energy, Manila, 1984.
- *Industrial Energy Profiles 1972-1979, vol. 1-4,* Ministry of Energy, Manila, 1980.
- *National Energy Program,* Ministry of Energy, Manila, 1982-1987 and 1986-1990.
- *Philippine Statistics 1974-1981,* Ministry of Energy, Manila, 1982.
- *Energy Statistics,* National Economic and Development Authority, Manila, 1983.
- *Quarterly Review,* Office of Energy Affairs, Manila, various editions.
- *UN Energy Statistics Database.*
- IEA Secretariat estimates.

Qatar

Crude oil production and export data do not include field condensate.

Natural gas liquids (NGL) include field condensates, propane, butane and ethane production from natural gas processing plants. NGL produced from liquefied natural gas production plants and gas-to-liquids plants may be excluded.

Propane and butane from natural gas processing plants are transferred to LPG. Ethane from natural gas processing plants is transferred to ethane.

Information on the use of LPG and ethane in the petrochemical sector is from 2005 onward. This may lead to breaks in time series for these products between 2004 and 2005.

Electricity production from autoproducers includes generation by desalination plants since 1988. Own use of electricity includes use by desalination plants since

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a breakdown is not available. Electricity consumption in industry includes electricity consumption by the energy sector.

Sources 1992 to 2014:

- Direct communication with Qatar Statistical Authority, Doha.
- Direct communication with Qatar Petroleum, Doha.
- Direct communication with National Minerals Information Center, U.S Geological Survey.
- *Qatar in Figures,* Qatar Statistics Authority. Doha, 2011-2015 editions.
- *Annual Statistical Abstract,* Qatar Statistics Authority, 1994 to 2012.
- *Statistics Report*, Kahramaa, Qatar General Electricity and Water Corporation, Doha, editions 2005 to 2008, 2010 to 2014.
- JODI extended database, www.jodi.org.
- *Statistical Bulletin,* Arab Union of Electricity, 2011-2013.
- *Annual Report* 2004-2014, Qatar Petroleum, Doha.
- *Natural Gas in the World,* Cedigaz, Paris, various editions up to 2015.
- *The LNG Industry*, International Group of Liquefied Natural Gas Importers (GIIGNL), various editions up to 2015.
- *Statistics Archives*, World Steel Association, *www.worldsteel.org*.
- The UN Energy Statistics Database.
- IEA Secretariat estimates.

Sources up to 1991:

- *Qatar General Petroleum Corporation 1981-1985*, General Petroleum Corporation, Doha, 1986.
- *Economic Survey of Qatar 1990,* Ministry of Economy and Commerce, Department of Economic Affairs, Doha, 1991.
- *Statistical Report 1987 Electricity & Water,* Ministry of Electricity, Doha, 1988.
- *State of Qatar Seventh Annual Report 1983,* Qatar Monetary Agency, Department of Research and Statistics, Doha, 1984.

Sources for Biofuels and waste:

- *Forestry Statistics,* FAO, Rome, 2000.
- IEA Secretariat estimates.

Romania

Romania's methodology for estimating indigenous production of geothermal energy differs from the one that IEA has adopted. Therefore, data comparisons between Romania and other countries might be misleading.

Data on quantities of coke oven coke used in blast furnaces do not correspond to the official submission of the national administration, as they have been estimated by the IEA Secretariat to ensure a carbon balance in the blast furnace transformation.

Sources 1992 to 2014:

- Direct communication with the National Institute of Statistics, Bucharest.
- Joint IEA/Eurostat/UNECE annual energy questionnaires.
- *Buletin Statistic de Informare Publica,* Comisia Nationala Pentru Statistica, Bucharest, various editions up to June 1995.
- *Renel Information Bulletin,* Romanian Electricity Authority, Bucharest, 1990, 1991, 1992, 1993, 1994.

Sources up to 1991:

- *Anuarul Statistic al Republicii Socialiste Romania,* Comisia Nationala Pentru Statistica, Bucharest, 1984, 1985, 1986, 1990, 1991.

Sources for Biofuels and waste:

- Joint IEA/Eurostat/UNECE annual energy questionnaires.
- IEA Secretariat estimates.

Russian Federation

Data for the Russian Federation are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Annual statistics are based on annual joint IEA/Eurostat/UNECE questionnaires submissions received from Rosstat, the official data provider to the IEA. Data may differ from secondary sources, and discrepancies are being investigated.

In 2007, the Federal State Statistics Service introduced a new classification, the Russian Classification

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of Economic Activities (OKVED), oriented towards harmonization with the Statistical Classification of Economic Activities in the European Community (NACE Rev.1). Data for the years prior to 2005 were submitted to the IEA Secretariat according to the Russian Classification of the Industries of the Economy (OKONKH). Therefore, breaks in time series for final consumption sectors may occur between 2004 and 2005.

Condensate data provided by Rosstat are published separately from Crude Oil under NGL. Jetkerosene output is confidential and estimated based on historical refinery throughput growth rate. No information on Vacuum Gas Oil is available. LPG refinery output may include output from gas separation plants. Naphtha exports are reported by Rosstat from 2011, and are significantly lower than in secondary sources. As a consequence domestic consumption of naphtha calculated as residual in the Russian balance is likely to be overestimated. Information on international marine bunker consumption is submitted from 2010. with high fluctuation in time series. Jetkerosene consumption split between international and domestic aviation is unknown. By default consumption is equally split between the two flows.

In 2013, all consumption data were estimated by the Secretariat.

From 2009, all data concerning LNG trade and LNG production have been estimated by the Secretariat.

Oil and gas extraction includes natural gas consumed by oil refineries.

Coal statistics provided by Rosstat may differ from those collected by Rosinformugol. Blast furnace gas values since 2012 utilise a different methodology to that of prior years (where heat from other sources than blast furnace gas had been attributed to blast furnace gas). Some coal trade from partners of the Customs Union has been estimated by the IEA Secretariat and additionally removed from indigenous production where it may be reported in data of other organisations.

The 2013 data for Electricity and Heat show a substantial drop in the efficiency of autoproducer heat plants fuelled by Natural Gas as well as a decrease in production and consumption of heat. All the figures were confirmed by the Russian authorities.

Heat from other sources is produced from recovered waste heat.

Sources 1990 to 2014:

- Direct communication with the Department of Foreign Statistics and International Cooperation from the Federal State Statistics Service (Rosstat), Moscow, Russian Federation.
- Joint IEA/Eurostat/UNECE annual energy questionnaires.
- Energy trade: direct communication with the Federal State Statistics Service, July 1994.
- *Statistical Yearbook of Russia 1994.* The State Committee of Statistics, Moscow, 1994.
- *The Russian Federation in 1992, Statistical Yearbook,* The Federal State Statistics Service, Moscow, 1993.
- *Russian Federation External Trade,* annual and quarterly various editions, the Federal State Statistics Service, Moscow.
- *Statistical Bulletin,* various editions, The State Committee of Statistics of the CIS, Moscow, 1993, 1994.
- *Statistical Bulletin N° 3,* The Federal State Statistics Service, Moscow, 1992.
- *Fuel and Energy Balance of Russia 1990,* The Federal State Statistics Service, Moscow, 1991.
- *Energetika,* Energo-Atomisdat, Moscow, 1981 to 1987.
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- The Federal State Statistics Service.
- IEA Secretariat estimates.

Saudi Arabia

Crude oil production and export data do not include field condensate. Field condensate quantities are included with natural gas liquids.

Data for crude oil production include 50 per cent of the output of the Neutral Zone.

Natural gas consumption for oil and gas extraction may include quantities used in oil refineries.

New data became available in 2015 allowing the estimation of natural gas consumption as a feedstock in ammonia and methanol manufacture from 1990 to 2013. The remaining natural gas consumption has

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been allocated to the non-specified Industry sector. Breaks in time series may occur between 1989 and 1990 for this reason.

Electricity production from autoproducers includes generation by desalination plants since 1979.

Sources 1992 to 2014:

- *Annual Reports,* Saudi ARAMCO, Dhahran, various editions up to 2014.
- *Annual Report,* Saudi Arabian Monetary Agency, Research and Statistics Department, Riyadh, various editions up to 2015.
- Joint Oil Data Initiative (JODI) online database.
- *Annual Report,* Saudi Electricity Company, Riyadh, various editions up to 2014.
- *Electricity Data 2000-2014,* Saudi Electricity Company, Riyadh.Direct communication with the Saudi Electricity Company.
- Ministry of Petroleum and Mineral Resources, 2009.
- *Middle East Petroleum Databook*, FACTS Global Energy Group, Singapore, 2009 and 2010.
- *Electricity Growth and Development in the Kingdom of Saudi Arabia up to the year from 1416H. (1996G.), 1420 H (1999/2000G) and 1423/1424 H (2003G),* Ministry of Industry and Electricity, Riyadh, 1997, 1998, 1999, 2004.
- *Annual Statistical Report*, Organization of Arab Petroleum Exporting Countries (OAPEC), Kuwait, various editions up to 2015.
- *Annual Statistical Bulletin,* Organization of Petroleum Exporting Countries (OPEC), Vienna, various editions up to 2015.
- Nitrogen statistics and information, U.S. Geological Survey, *http://www.usgs.gov*.
- Direct communication from the Central Department of Statistics of the Ministry of Planning and oil industry sources.
- *A Survey of the Saudi Arabian Oil Industry 1993,* Embassy of the United States of America in Riyadh, Riyadh, January 1994.
- IEA Secretariat estimates.

Sources up to 1991:

- *Annual Reports,* Saudi ARAMCO, various editions.
- *Petroleum Statistical Bulletin 1983,* Ministry of Petroleum and Mineral Resources, Riyadh, 1984.
- *Achievement of the Development Plans 1970-1984,* Ministry of Planning, Riyadh, 1985.
- *The 1st, 2nd, 3rd and 4th Development Plans,* Ministry of Planning, Riyadh, 1970, 1975, 1980 and 1985.
- *Annual Report,* Saudi Arabian Monetary Agency, Research and Statistics Department, Riyadh, 1984, 1985, 1986, 1988, 1989.
- *Statistical Summary,* Saudi Arabian Monetary Agency, Research and Statistics Department, Riyadh, 1986.

Sources for Biofuels and waste:

- *Forestry Statistics*, FAO, Rome, 2000.
- IEA Secretariat estimates.

Senegal

The IEA Secretariat could not obtain data for 2014 from Senegal in time. As a consequence, most data points for 2014 have been estimated based on developments in population and GDP in Senegal.

Member of the SIE-Afrique project.

In the 2014 edition the time series for solid biofuels have been revised from 2009 based on newly available information. Breaks in time series may occur between 2008 and 2009.

Sources 2009 to 2014:

- Direct communication with Ministère de l'Energie, des Mines, Dakar.
- *Bilans énergétiques du Sénégal 2009 to 2013*, Direction de l'Energie, Dakar.
- IEA Secretariat estimates.

Sources 2008:

- *Bulletin mensuel des statistiques économiques*, Agence national de la Statistique et de la Démographie (ANSD), Dakar, March 2009.
- Direct communication with Ministère de l'Energie, Dakar.

Sources 2000 to 2007:

- *Bilans énergétiques du Sénégal 2003, 2004, 2005, 2006*, Direction de l'Energie, Dakar.
- IEA Secretariat estimates.

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Sources 1992 to 1999:

- Direct communication with Ministère de l'Energie, des Mines et de l'Industrie, Direction de l'Energie, Dakar, 1997 to 2002.
- Direct communication with Ministère de l'Energie, des Mines et de l'Hydraulique, Comité National des Hydrocarbures, Dakar, 2002.
- Direct communication from oil industry sources, Société Africaine de raffinage.
- Direct communication from electricity industry sources, SENELEC.
- *Report of Senegal on the Inventory of Greenhouse Gases Sources,* Ministère de l'Environnement et de la Protection de la Nature, Dakar, 1994.
- Direct communication to the IEA Secretariat from ENDA - Energy Program, Dakar, 1997.
- The UN Energy Statistics Database.

Sources up to 1991:

- *Situation Economique 1985,* Ministère de l'Economie et des Finances, Direction de la Statistique, Senegal, 1986.

Sources for Biofuels and waste:

- IEA Secretariat estimates based on 1994 data from *Forests and Biomass Sub-sector in Africa,* African Energy Programme of the African Development Bank, Abidjan, 1996, and from direct communication with ENDA, Senegal.

Serbia

Data for Serbia are available starting in 1990. Prior to that, they are included in Former Yugoslavia.

Serbia energy data include Montenegro until 2004 and The United Nations Interim Administration Mission in Kosovo until 1999.

The Ministry of Mining and Energy of Republic of Serbia is currently in the process of revising time series for energy statistics. Important revisions were made in the past two years, in particular for renewables.

Breaks in time series for oil products and natural gas may appear between 2006 and 2007 due to newly available data for 2007 (see Sources).

Sources 1990 to 2014:

- Direct communication with the Ministry of Mining and Energy, Belgrade.
- Direct communication with the Statistical Office of the Republic of Serbia, Belgrade.
- Joint IEA/Eurostat/UNECE annual energy questionnaires.
- Pilot study: *Energy Balances (2007 and 2008) - Oil and Derivates of Oil, Natural Gas, Geothermal Energy and Energy Balance of the Republic of Serbia,* Statistical Office of the Republic of Serbia, Belgrade, 2009.
- Direct communication with the Federal Ministry of Economy, Belgrade, 2001 and 2002.
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- Direct communication with the Ministry of Mining and Energy, Belgrade.
- Joint IEA/Eurostat/UNECE annual energy questionnaires on Renewables, 2004 to 2013.
- IEA Secretariat estimates.

Singapore

Some key oil products and flows are aggregated by Singapore, to avoid breach of confidentiality.

The IEA Secretariat, the Energy Market Authority and the National Climate Change Secretariat (NCCS) are working closely together on improving data quality for Singapore. Efforts are continuing on this project, therefore breaks in time series between 2008 and 2009 and differences in trends when compared to previous publications may occur for some products.

From 2009, Singapore publishes splits of refinery output between light, middle and heavy distillates and residuum only. Further breakdown between products is estimated by the IEA Secretariat. Singapore aggregates petrochemical and refinery consumption. The split between refining and petrochemical consumption is estimated by the IEA Secretariat.

Refinery input is broken down between crude oil and feedstocks. Splits of feedstock by product are not provided by Singapore. By default, IEA estimates that feedstocks come from naphtha, gas/diesel and fuel oil in equal proportions.

Other data remain aggregated due to lack of data availability. Electricity consumption in the industry sector from 2005 includes electricity consumption by refineries. Electricity consumption in transport includes all electricity consumption at airport terminals.

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Municipal waste production and consumption may include biogas.

Refinery gas production and consumption may include syngas produced by the petrochemical sector.

Due to Singapore's large trade volume in comparison to its final consumption, slight misalignment of trade figures can have a significant impact on the energy balance of Singapore. The IEA Secretariat has adjusted total imports of crude oil, gas/diesel and fuel oil from 2009 to match demand.

A new coal-fired power plant started operations in 2013. This might lead to breaks in time series between 2012 and 2013.

Further revisions are expected in future editions, as energy data coverage is further extended by Singapore.

Sources 1992 to 2014:

- Direct communication with the Energy Market Authority, Singapore, from 2009.
- Direct communication with the National Climate Change Secretariat (NCCS), Singapore, from 2013.
- Direct communication with the Solar Energy Research Institute of Singapore, 2011.
- *Singapore Energy Statistics,* Energy Market Authority, Singapore, various editions up to 2016.
- *Monthly oil statistics,* IE Singapore, 2011-2014.
- *Yearbook of Statistics Singapore,* Department of Statistics, Singapore, various editions up to 2015.
- *Bunker sales*, website of The Maritime and Port Authority of Singapore: *www.mpa.gov.sg*.
- *Motor Vehicle Population by Type of Fuel Used*, website of the Land Transport Authority: *www.lta.gov.sg*.
- *Solid Waste Management Statistics*, website of The Ministry of the Environment and Water Resources: *http://app.mewr.gov.sg/*.
- *Singapore Trade Statistics*, International Enterprise Singapore, Singapore, various CD-ROM editions up to 2011.
- *Argus Fundamentals*, Argus Media, various editions up to 2012.
- *Asia Pacific Databook*, FACTS Global Energy, Singapore, various editions up to 2013.
- *The Strategist Oil Report*, Singapore, various issues up to March 1999.
- *Petroleum in Singapore 1993/1994,* Petroleum Intelligence Weekly, Singapore, 1994.
- AEEMTRC, 1996.
- Direct submissions from oil industry sources up to 1996.
- *The UN Energy Statistics Database.*
- IEA Secretariat estimates.

Sources up to 1991:

- *Monthly Digest of Statistics,* Department of Statistics, Singapore, various editions from 1987 to 1989.
- *Yearbook of Statistics Singapore 1975/1985,* Department of Statistics, Singapore, 1986.
- *ASEAN Oil Movements and Factors Affecting Intra-ASEAN Oil Trade,* Institute of Southeast Asian Studies, Singapore, 1988.
- *The Changing Structure of the Oil Market and Its Implications for Singapore's Oil Industry,* Institute of Southeast Asian Studies, Singapore, 1988.
- *Public Utilities Board Annual Report (1986 and 1989),* Public Utilities Board, Singapore, 1987 and 1990.
- Sources for Biofuels and waste:
- *Singapore Energy Statistics,* Energy Market Authority, Singapore, various editions up to 2016.
- *The UN Energy Statistics Database.*
- IEA Secretariat estimates.

South Africa

Outputs from gas-to-liquids and coal-to-liquids plants are presented in the "Transfers" flow.

New information became available in 2015 which allowed the separation of non-energy use of coal in Coal to Liquids (CTL) plants from the coal used for energy purposes in these same plants. Non-energy conversion efficiencies for CTL plants in South Africa are assumed to be 60%. This new methodology may lead to breaks in time series between 2010 and 2011 for these products and flows.

New information became available in 2015 on refinery output of lubricants. Data have been revised from 1998. This may lead to breaks in time series between 1997 and 1998

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Breaks in time series may occur for anthracite and coking coal between 2009 and 2010 as new information became available. Prior to 2010, coking coal data may include anthracite.

Coking coal, coke oven coke, coke oven gas, gas works gas and blast furnace gas production and consumption have been estimated using reported crude steel production figures.

Breaks in time series may occur for consumption of natural gas in industrial sectors between 2009 and 2010 as new information became available.

Reported quantities of synthetic fuels output may not include quantities from PetroSA.

Sources 2010 to 2014:

- Direct communication with the Department of Energy, Pretoria, South Africa.
- *Energy statistics: Supply and demand of petroleum products*, Department of Energy, Pretoria, South Africa.
- *Statistical release on electricity generated and available for distribution*, Statistics South Africa, Pretoria.
- *South African Statistics*, Statistics South Africa, Pretoria, various editions up to 2015.
- Joint Oil Data Initiative (JODI) online database.
- *Annual Reports*, South Africa Petroleum Industry Association (SAPIA), Sandton.
- *Integrated Annual Reports,* Electricity Supply Commission (ESKOM), South Africa.
- *Analyst Book,* SASOL Limited Group, Johannesburg, various editions up to 2015.
- *Natural Gas in the World*, Cedigaz, Paris, various editions up to 2015.
- *Integrated Annual Reports,* PetroSA, Parow, various editions up to 2014.
- World Steel Association online statistics database.
- Mauthner, F. and Weiss W., *Solar Heat Worldwide - Markets and contribution to the energy supply*, various editions up to 2015, IEA Solar Heating and Cooling Programme.
- IEA Secretariat estimates.

Sources 1992 to 2009:

- Energy balances submitted to the IEA Secretariat from the Department of Minerals and Energy, 2003 to 2009.
- *Electricity generated and available for distribution*, Statistics South Africa, Pretoria, various editions up to 2009.
- Direct submission from the Institute for Energy Studies, Rand Afrikaans University, Pretoria, 1998 to 2001.
- *Digest of South African Energy Statistics 1998*.
- Direct submissions from the Energy Research Institute, University of Cape Town.
- *ESKOM Annual Report,* Electricity Supply Commission (ESKOM), South Africa, 1989 to 1994.
- *Statistical Yearbook,* Electricity Supply Commission (ESKOM), South Africa, 1983 to 1994.
- *South Africa's Mineral Industry,* Department of Mineral and Energy Affairs, Braamfontein, 1995.
- *South African Energy Statistics, 1950-1993,* Department of Mineral and Energy Affairs, Pretoria, 1995.
- *Wholesale Trade Sales of Petroleum Products,* Central Statistical Service, Pretoria, 1995.
- *South African Coal Statistics 1994,* South African Coal Report, Randburg, 1995.
- *Energy Balances in South Africa 1970-1993,* Energy Research Institute, Plumstead, 1995.

Sources up to 1991:

- *Statistical News Release 1981-1985,* Central Statistical Service, South Africa, various editions from 1986 to 1989.
- *Annual Report Energy Affairs 1985,* Department of Mineral and Energy Affairs, Pretoria, 1986.
- *Energy Projections for South Africa (1985 Balance),* Institute for Energy Studies, Rand Afrikaans University, South Africa, 1986.

Sources for Biofuels and waste:

- *South African Energy Statistics 1950-1989, No. 1*, National Energy Council, Pretoria, 1989.
- IEA Secretariat estimates.

South Sudan

The IEA Secretariat could not obtain data for 2014 from South Sudan in time. As a consequence, most data points for 2014 have been estimated based on developments in population and GDP in South Sudan.

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Data for South Sudan are available from 2012. Prior to 2012, they are included in Sudan.

Crude oil production and exports were halted for most of 2012, and only continued in April 2013. Both production and exports have been estimated by the IEA Secretariat for the years 2012 and 2013.

Sources 2012 to 2013:

- AFREC Energy questionnaire, African Energy Commission, 2015.

Former Soviet Union

Data for individual countries of the Former Soviet Union are available starting in 1990, and most of the information on 1990 and 1991 was estimated by the IEA Secretariat. Because of large breaks in reporting occurring in the early 1990's, breaks in time series may occur in 1990 for all regional totals.

Coal production statistics refer to unwashed and unscreened coal up to 1990. IEA coal statistics normally refer to coal after washing and screening for the removal of inorganic matter. Also, see notes under 'Classification of Fuel Uses' and 'Heat', in section on Notes on data quality.

The commodity balances presented for the Former Soviet Union include IEA Secretariat estimates of fuel consumption in the main categories of transformation. These estimates are based on secondary sources and on isolated references in FSU literature.

In older editions of this publication, intra-FSU trade was excluded.

Sources up to 1989:

- *Statistical Yearbook,* The State Committee for Statistics of the USSR, Moscow, various editions from 1980 to 1989.
- *External Trade of the Independent Republics and the Baltic States, 1990 and 1991,* the State Committee of Statistics of the CIS, Moscow, 1992.
- *External Trade of the USSR,* annual and quarterly, various editions, The State Committee of Statistics of the USSR, Moscow, 1986 to 1990.
- *CIR Staff Paper no. 14, 28, 29, 30, 32 and 36,* Center for International Research, U.S. Bureau of the Census, Washington, 1986, 1987 and 1988.
- *Yearbook on Foreign Trade,* The Ministry of Foreign Trade, Moscow, 1986.

Sri Lanka

Breaks in time series may occur between 1999 and 2000 due to newly available energy balances provided by the Sri Lanka Sustainable Energy Authority in 2009.

Stock change may include statistical difference for certain secondary oil products.

Refinery losses may include own use of refinery fuel.

Sources 1992 to 2014:

- Direct communication with the Sri Lanka Sustainable Energy Authority, Colombo.
- *Sri Lanka Energy Balances 2000-2014*, Sri Lanka Sustainable Energy Authority, Colombo.
- *Economic and Social Statistics of Sri Lanka 2011-2014*, Central Bank of Sri Lanka, Colombo.
- *Statistical Digest 2014*, Ceylon Electricity Board, Colombo.
- Direct communication with the Department of Census and Statistics, 2003 to 2006.
- *Annual Report 1993,* Central Bank of Sri Lanka, Colombo, July 1994.
- Direct communication with the Ceylon Electricity Board, *Sri Lanka Energy Balances, 1994.*
- *The UN Energy Statistics Database.*
- IEA Secretariat estimates.

Sources up to 1991:

- *Energy Balance Sheet 1991, 1992,* Energy Unit, Ceylon Electricity Board, Colombo, 1992, 1993.
- *Bulletin 1989,* Central Bank of Sri Lanka, Colombo, July 1989.
- *Bulletin (monthly),* Central Bank of Sri Lanka, Colombo, May 1992.
- *Sectoral Energy Demand in Sri Lanka,* UNDP Economic and Social Commission for Asia and the Pacific, Bangkok, 1992.
- *External Trade Statistics 1992,* Government of Sri Lanka, Colombo, 1993.

Sources for Biofuels and waste:

- Energy Conservation Fund and Ceylon Electricity Board.

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Sudan

South Sudan became an independent country on 9 July 2011. From 2012 data for South Sudan are reported separately and therefore, breaks in the time series may occur between 2011 and 2012 for Sudan data.

The IEA Secretariat could not obtain data for 2014 from Sudan in time. As a consequence, some data points for 2014 have been estimated based on macroeconomic indicators for Sudan.

Sources 1992 to 2014:

- Direct communication with the Ministry of Petroleum, Khartoum.
- AFREC energy questionnaire, African Energy Commission, 2013.
- *Annual Statistical Report*, Organization of Arab Petroleum Exporting Countries (OAPEC), Kuwait, various editions up to 2015.
- *Statistical Bulletin,* Arab Union of Producers, Transporters and Distributors of Electricity (AUPTDE), Amman, various editions up to 2014.*Sudanese Petroleum Corporation Statistics*, Ministry of Petroleum, Khartoum, May 2012.
- *Sudan Energy Handbook 2006,* Ministry of Energy and Mines, Khartoum.
- IEA Secretariat estimates.

Sources up to 1991:

- *Foreign Trade Statistical Digest 1990*, Government of Sudan, Khartoum, 1991.

Sources for Biofuels and waste:

- IEA Secretariat estimates based on 1990 data from Bhagavan (ed.) *Energy Utilities and Institutions in Africa*, AFREPREN, Nairobi, 1996.

Suriname

In this edition, data for Suriname became available from 2000 to 2014. Prior to 2000, data for Suriname are presented in Other Non-OECD Americas.

Sources up to 2014:

- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- IEA Secretariat estimates

Syrian Arab Republic

Due to the on-going conflict in Syria, no official government data sources were available for 2012 to 2014. Data in this year's edition are primarily based on secondary sources, media reports and IEA Secretariat estimates.

Imports of crude oil and secondary oil products may include informal imports.

Sources 1992 to 2014:

- *Annual Statistical Report*, Organization of Arab Petroleum Exporting Countries (OAPEC), Kuwait, various editions up to 2015.
- *Natural Gas in the World,* Cedigaz, Paris, various editions up to 2015.
- Direct Communication with the Ministry of Petroleum and Mineral Resources, 2012.
- *Statistical Abstract*, Office of the Prime Minister, Central Bureau of Statistics, Damascus, various editions up to 2011.
- *Statistical Bulletin,* Arab Union of Producers, Transporters and Distributors of Electricity (AUPTDE), Amman, various editions up to 2014.
- *The UN Energy Statistics Database (until 2007).*
- *Quarterly Bulletin,* Central Bank of Syria, Research Department, Damascus, 2001.
- IEA Secretariat estimates.

Sources up to 1991:

- *Quarterly Bulletin,* Central Bank of Syria, Research Department, Damascus, 1984.

Sources for Biofuels and waste:

- *Forestry Statistics,* FAO, Rome, 2000.
- IEA Secretariat estimates.

Chinese Taipei

Data for the period 1982-2009 were revised in 2012 based on new balances submitted by the Bureau of Energy. Breaks in time series may occur between 1981 and 1982.

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Breaks in time series may also occur between 2010 and 2011 as more detailed information became available for refinery feedstocks and oil products.

Sources 1982 to 2014:

- *Energy Balances in Taiwan,* Bureau of Energy, Ministry of Economic Affairs, Taipei, various editions up to 2015.
- Direct communication with the electricity utilities.
- *Yearbook of Energy Statistics,* Ministry of Trade, Industry and Energy, Taipei, 1996.

Sources up to 1981:

- *The Energy Situation in Taiwan,* Ministry of Economic Affairs, Energy Committee, Taipei, 1986, 1987, 1988 and 1992.
- *Industry of Free China 1975-1985,* Council for Economic Planning and Development, Taipei, 1986.
- *Taiwan Statistical Data Book 1954-1985,* Council for Economic Planning and Development, Taipei, 1986.
- *Energy Policy for the Taiwan Area*, Ministry of Economic Affairs, Energy Committee, Taipei, 1984.
- *Energy Balances in Taiwan,* Ministry of Economic Affairs, Taipei, 1980 to 1981.

Sources for Biofuels and waste:

- *Energy Balances in Taiwan, Bureau of Energy, Ministry of Economic Affairs, Taipei.*
- The UN Energy Statistics Database.
- IEA Secretariat estimates.

Tajikistan

New information became available in 2016. Breaks in time series may occur between 2011 and 2012 and between 2013 and 2014.

Data for Tajikistan are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Sources 1990 to 2014:

- Direct communication with the Statistical Agency under President of the Republic of Tajikistan, Dushanbe.
- Joint IEA/Eurostat/UNECE annual energy questionnaires, 1991 to 2007 and 2014.
- *Online statistics,* Statistical Agency under the President of the Republic of Tajikistan.
- *Tajikistan in Figures*, Statistical Agency under the President of Tajikistan, various editions up to 2014.
- Energy and Communal Services in Kyrgyzstan and Tajikistan: A Poverty and Social Impact Assessment. UNDP Bratislava Regional Centre 2011
- *CIS and East European Energy Databook*, Eastern Bloc Research Ltd, Tolsta Chaolais, various editions up to 2013.
- Asian Development Bank Statistics, various editions up to 2014.
- Direct communication with the State Committee on Statistics, Republic of Tajikistan, Dushanbe.
- *Natural Gas Vehicles Statistics,* International Association for Natural Gas Vehicles, online database: *www.iangv.org*.
- *Industry of Tajikistan, Statistics,* the State Committee on Statistics of the Republic of Tajikistan, 2004.
- IEA Secretariat estimates.

Tanzania

Some of the official oil product import data (EWURA) are reported on a fiscal year basis. Data for 2014 correspond to July 1st, 2014 – June 30th, 2015.

Sources up to 2014:

- *The Economic Survey,* the Ministry of Finance, Dar Es Salaam, various editions up to 2014.
- *Annual Report,* Bank of Tanzania, Dar Es Salaam, various editions up to 2015.
- *EWURA Annual Report*, Energy and Water Utilities Regulatory Authority of the United Republic of Tanzania, Dar Es Salaam, various editions up to 2015.
- *Annual Report,* Orca Exploration Group Inc., various editions up to 2015.
- *SAPP Annual Report 2008,* Southern African Power Pool, online statistics, 2010-2011.
- *The Economic Survey,* The President's Office - Planning and Privatization, Dar Es Salaam, 2003-2007.
- Direct communication with the Ministry of Energy and Minerals and the electricity utility.

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- *Tanzanian Economic Trends*, Economic Research Bureau, University of Dar-es-Salaam, 1991.
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- IEA Secretariat estimates based on 1990 data from *Energy Statistics Yearbook 1990,* Southern Africa Development Community (SADC), Luanda, 1992.

Thailand

Data for lubricants, refinery gas and non-specified oil products are not published by the Ministry of Energy and are estimated by the IEA Secretariat. Up to 2014, IEA Secretariat also estimated naphtha.

Data for production, own use and non-energy use of natural gas may include propane, butane and ethane produced in gas separation plants.

Stock changes may include statistical difference for certain products.

In the 2014 edition, new information became available for the consumption of anthracite and lignite coal in industry. Breaks in time series may occur between 2011 and 2012.

Sources for 2012 up to 2014:

- *Thailand Energy Statistics,* Ministry of Energy, Department of Alternative Energy Development and Efficiency, Bangkok, various editions up to 2015.
- *Thailand Energy Balance Table,* Ministry of Energy, Department of Alternative Energy Development and Efficiency, Bangkok, various editions up to 2015.
- *Thailand Alternative Energy Situation,* Ministry of Energy, Department of Alternative Energy Development and Efficiency, Bangkok, various editions up to 2015.
- *Thailand Energy Efficiency Situation*, Ministry of Energy, Department of Alternative Energy Development and Efficiency, Bangkok, various editions up to 2014.
- *Energy Statistics of Thailand*, Ministry of Energy, Energy Policy & Planning Office, Bangkok, various editions up to 2015.
- *Key Statistical Data*, Electricity Generation Authority of Thailand, online database: *http://www.egat.co.th*.
- *Thailand's Petroleum & Petrochemical Statistics*, Petroleum Institute of Thailand, Bangkok, various editions up to 2015.
- Direct communication with the Petroleum Institute of Thailand, Bangkok, 2015.
- Direct communication with the Ministry of Energy, Thailand, Bangkok, 2015.
- IEA Secretariat estimates.

Sources for 2002 to 2012:

- *Thailand Energy Situation,* Ministry of Energy, Department of Alternative Energy Development and Efficiency, various editions up to 2012.
- *Key Statistical Data*, Electricity Generation Authority of Thailand, online database: *http://www.egat.co.th*.
- *Thailand Alternative Energy Situation*, Ministry of Energy, Department of Alternative Energy Development and Efficiency, various editions up to 2012.
- *Electric Power in Thailand*, Ministry of Energy, Department of Alternative Energy Development and Efficiency, various editions up to 2012.
- *Oil in Thailand,* Ministry of Energy, Department of Alternative Energy Development and Efficiency, various editions up to 2012.
- Direct communication with the Petroleum Institute of Thailand, Bangkok, 2008 to 2012.
- IEA Secretariat estimates.

Sources up to 2001:

- *Electric Power in Thailand,* Ministry of Science, Technology and Energy, National Energy Administration, Bangkok, 1985, 1986, 1988 to 2001.
- *Oil in Thailand,* Ministry of Science, Technology and Energy, National Energy Administration, Bangkok, 1979 to 2001.
- *Thailand Energy Situation,* Ministry of Science, Technology and Energy, National Energy Administration, Bangkok, 1978 to 2001.

Sources for Biofuels and waste:

- *Thailand Energy Situation,* Ministry of Energy, Department of Alternative Energy Development and Efficiency, 2002 to 2010.

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- *Thailand Alternative Energy Situation*, Ministry of Energy, Department of Alternative Energy Development and Efficiency, 2009-2010.
- IEA Secretariat estimates.

Togo

Member of the SIE-Afrique project.

The IEA Secretariat could not obtain data for 2013 and 2014 from Togo in time. As a consequence, data for 2013 and 2014 have been estimated based on population growth for biomass and household consumption, and GDP growth for other products than hydro.

Official data were submitted by Togo in 2014 for the years 2009-2012. Breaks in time series between 2008 and 2009 or differences in trends compared to previous publications may occur for this reason.

Sources 1999 to 2014:

- Direct communication with Ministère de l'Equipement, des Mines, de l'Energie et des Postes et Télécommunications, Lomé.
- Bilans Energétiques du Togo, 1999 to 2012.
- Autorité de Réglementation du Secteur de l'Electricité (ARSE), 2015.
- IEA Secretariat estimates.

Sources up to 1998:

- IEA Secretariat estimates.

Trinidad and Tobago

In the 2014 edition, natural gas time series from 2000 were revised based on newly available information on the definition of production of natural gas used by Trinidad and Tobago (gross versus marketed production).

Sources 1992 to 2014:

- Direct communication with the Ministry of Energy and Energy Affairs, Port of Spain.
- *Energy Industry Consolidated Monthly Bulletins,* Ministry of Energy and Energy Affairs, Government of the Republic of Trinidad and Tobago, Port of Spain, various editions up to 2015.
- *Downstream Gas Industry Annual Report*, Ministry of Energy and Energy Affairs, Government of the Republic of Trinidad and Tobago, Port of Spain, various editions up to 2015.
- *Annual Economic Survey,* Central Bank of Trinidad and Tobago, Port of Spain, 1995 to 2015.
- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- *Natural Gas in the World,* Cedigaz, Paris, various editions up to 2015.
- *The LNG Industry*, GIIGNL – International Group of Liquefied Natural Gas Importers, Paris, various editions up to 2014.
- *Petroleum Industry Monthly Bulletin,* Ministry of Energy and Natural Resources, Port of Spain, various issues up to 1999.

Sources up to 1991:

- *Annual Statistical Digest,* Central Statistical Office, Port of Spain, 1983, 1984.
- *History and Forecast,* Electricity Commission, Port of Spain, 1987.
- *Annual Report,* Ministry of Energy and Natural Resources, Port of Spain, 1985, 1986.
- *The National Energy Balances 1979-1983,* Ministry of Energy and Natural Resources, Port of Spain, 1984.
- *Trinidad and Tobago Electricity Commission Annual Report,* Trinidad and Tobago Electricity Commission, Port of Spain, 1984, 1985.

Sources for Biofuels and waste:

- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- *Forestry Statistics,* FAO, Rome.

Tunisia

New information for lubricants and bitumen became available in 2015. Breaks in time series may occur between 2009 and 2010 because of this.

A significant increase in crude oil production was reported for 2007 due to the start-up of several new development wells and the beginning of production of the Oudna field.

A shutdown of the Bizerte refinery occurred between March 2010 and June 2011, resulting in breaks in time series for crude oil and oil products for the years 2009 to 2011.

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Sources 1992 to 2014:

- Direct communication with the Observatoire National de l'Energie, Agence Nationale pour la Maîtrise de l'Energie, Tunis.
- Joint IEA/Eurostat/UNECE annual energy questionnaires.
- *Rapport Annuel 2011,* Société Tunisienne de l'Electricité et du Gaz, Tunis.
- Société Tunisienne des Industries de Raffinage, 2009 online statistics, 2008 to 2009.
- *Statistiques d'Electricité du COMELEC, 2006, 2007*, Comité Maghrébin de l'Electricité.

Sources up to 1991:

- *Bilan Energétique de l'Année 1991,* Banque Centrale de Tunisie, Tunis, September 1992.
- *Rapport d'Activité 1990,* Observatoire National de l'Energie, Agence pour la Maîtrise de l'Energie, Tunis, 1991.
- *Rapport Annuel 1990,* Banque Centrale de Tunisie, Tunis, 1991.
- *Activités du Secteur Pétrolier en Tunisie,* Banque Centrale de Tunisie, Tunis, 1987.
- *Statistiques Financières,* Banque Centrale de Tunisie, Tunis, 1986.
- *Entreprise Tunisienne d'Activités Pétrolières (ETAP),* Tunis, 1987.
- *Annuaire Statistique de la Tunisie,* Institut National de la Statistique, Ministère du Plan, Tunis, 1985, 1986.
- *L'Economie de la Tunisie en Chiffres,* Institut National de la Statistique, Tunis, 1984, 1985.
- *Activités et Comptes de Gestion,* Société Tunisienne de l'Electricité et du Gaz, Tunis, 1987.

Sources for Biofuels and waste:

- IEA Secretariat estimates based on 1991 data from *Analyse du Bilan de Bois d'Energie et Identification d'un Plan d'Action,* Ministry of Agriculture, Tunis, 1998.

Turkmenistan

Data for Turkmenistan are available starting in 1990. Prior to that, they are included in Former Soviet Union.

In 2015 new information became available indicating that previous data on refinery gas production was in fact production of kerosene. Differences in trends with previous editions may occur as a result of this change.

Sources up to 2014:

- *CIS and East European Energy Databook*, Eastern Bloc Research Ltd, David Cameron Wilson, various editions up to 2015.
- Asian Development Bank online database.
- *Natural Gas in the World,* Cedigaz, Paris, various editions up to 2015.
- Direct communication with the National Institute on Statistics and Forecasting of Turkmenistan, November 1999 and January 2001.
- IEA Secretariat estimates.

Ukraine

Data for Ukraine are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Due to limited information being available to the State Statistics Service of Ukraine from part of the Donetsk and Luhansk regions of Ukraine and from the Autonomous Republic of Crimea, breaks in the time series may occur between 2013 and 2014.

Statistical difference for electricity and natural gas includes electricity and natural gas supplied to the Autonomous Republic of Crimea.

The IEA Secretariat and State Statistics Committee of Ukraine are working closely and intensively on the improvement of data quality, and in particular revision of historical data. Therefore, breaks in time series may occur between 2006 and 2007.

The data for the stock draw and statistical difference of natural gas in 2010 are a consequence of the accounting method chosen by the Ukrainian administration to reflect the ruling of the Stockholm Arbitration Tribunal of March 30, 2010.

For the period 2007 to 2014 the transparency of data may be reduced because of confidentiality issues. For instance: peat includes lignite; other kerosene includes aviation fuels (aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel); other products include petroleum coke.

Large statistical differences still exist for some oil products such as transport fuels and LPG. These are due to identified reporting issues in Ukraine. The

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Ukraine State Statistical Committee continues to work with data reporters to try and resolve these issues.

Information on electricity used for pumped hydro is available from 2012 only.

Charcoal production includes pyrolysis and calculated amounts of traditional production from 2008.

Due to a plant closure in 2008, a stock of lignite/peat became available, without details about its consumption. This may lead to breaks in time series and high statistical difference for 2008.

Bituminous coal "From other sources" refers to coal mined in informal sector.

Official Ukrainian coal statistics refer to unwashed and unscreened coal prior to 1995. IEA statistics normally refer to coal after washing and screening for the removal of inorganic matter. Therefore, the IEA revised Ukrainian coal supply and demand statistics downward to reflect levels of washed coal.

Sources 2007 to 2014:

- Direct communication with the State Statistics Committee of Ukraine, Kiev
- Joint IEA/Eurostat/UNECE annual energy questionnaires for Oil, Natural gas, Coal, Renewables, Electricity and heat.

Sources 1992 to 2006:

- Joint IEA/Eurostat/UNECE annual energy questionnaires.
- Direct communication with the Ministry of Statistics, the Coal Ministry, the National Dispatching Company, 1995.
- Coal: Direct communications with the State Mining University of Ukraine, 1995, 1996.
- Natural gas: Direct communication with Ukrgazprom, February 1995.
- Direct communication with the Ministry of Statistics of the Ukraine, July 1994.
- *Ukraine in 1992, Statistical Handbook,* Ministry of Statistics of the Ukraine, Kiev, 1993.
- *Ukraine Power Demand and Supply Options,* The World Bank, Washington, 1993.
- *Power Industry in Ukraine,* Ministry of Power and Electrification, Kiev, 1994.
- *Energy Issues Paper*, Ministry of Economy, March 1995.
- *Ukraine Energy Sector Statistical Review 1993, 1994*, *1995, 1996, 1997,* The World Bank Regional Office, Kiev, 1994, 1995, 1996, 1997, 1998.
- *Global Energy Saving Strategy for Ukraine,* Commission of the European Communities, TACIS, Madrid, July 1995.
- IEA Secretariat estimates.

Sources 1990 to 1991:

- IEA Secretariat estimates.

Sources for Biofuels and waste:

- Statistical Office in Kiev, The World Bank and IEA Secretariat estimates.

United Arab Emirates

Crude oil production and export data do not include field condensate. Field condensate quantities are included with natural gas liquids.

In 2013, time series on electricity imports and exports were revised due to new information available on international trade at the interconnectors for the United Arab Emirates. This may lead to revisions to these time series from 2007.

Sources 1993 to 2014:

- *Annual Statistical Bulletin,* Organization of Petroleum Exporting Countries (OPEC), Vienna, various editions up to 2014.
- *Annual Statistical Report*, Organization of Arab Petroleum Exporting Countries (OAPEC), Kuwait, various editions up to 2015.
- *Natural Gas in the World,* Cedigaz, Paris, various editions up to 2015.
- *Statistical Bulletin,* Arab Union of Producers, Transporters and Distributors of Electricity (AUPTDE), Amman, various editions up to 2015.
- *Statistical Report 1998-2014,* Abu Dhabi Water & Electric Company (ADWEC), Abu Dhabi, 2014.
- Annual Report, Regulation & Supervision Bureau of Abu Dhabi, Abu Dhabi, various editions up to 2012.
- *Statistical Yearbook 1995, 1996, 1998,* Department of Planning, Abu Dhabi, 1998, 2001.
- Direct communication with the National Bureau of Statistics of the United Arab Emirates, Abu Dhabi.

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- Direct communication with the Ministry of Electricity and Water, Abu Dhabi, March 2001.
- *The UN Energy Statistics Database.*
- IEA Secretariat estimates.

Sources up to 1992:

- Annual Report 1998, Ministry of Electricity & Water, Dubai.
- *Abu Dhabi National Oil Company, 1985 Annual Report,* Abu Dhabi National Oil Company, Abu Dhabi, 1986.
- *United Arab Emirates Statistical Review 1981,* Ministry of Petroleum and Mineral Resources, Abu Dhabi, 1982.
- *Annual Statistical Abstract,* Ministry of Planning, Central Statistical Department, Abu Dhabi, various editions from 1980 to 1993.

Sources for Biofuels and waste:

- *Forestry Statistics*, FAO, Rome, 2001.
- IEA Secretariat estimates.
- *Initial National Communication to the United Nations Framework Convention on Climate Change,* Ministry of Energy, United Arab Emirates, 2006.

Uruguay

The pronounced growth in production of biofuels and waste from 2007 to 2010 is a result of the development of the pulp and paper industry.

The power produced from the Salto Grande hydroelectric plant, located on the Uruguay River between Concordia in Argentina and Salto in Uruguay is equally shared between the two countries. Exports include power produced in Salto Grande and exported to Argentina.

The increased imports and decreased production of oil products in 2011 are due to a refinery shutdown, which happened between September 2011 and January 2012.

Sources 1990 to 2014:

- Direct communication with Ministerio de Industria, Energía y Minería, Montevideo.
- *Balance Energético Nacional,* Ministerio de Industria, Energía y Minería, Dirección Nacional de Energía, Montevideo, 1971 to 2014.

Sources for Biofuels and waste:

- Dirección Nacional de Energía, Ministerio de Industria, Energía y Minería, Montevideo.
- *Energy-Economic Information System (SIEE),* Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- IEA Secretariat estimates.

Uzbekistan

Data for Uzbekistan are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Sources 1990 to 2014:

- Asian Development Bank online database.
- *CIS and East European Energy Databook*, Eastern Bloc Research Ltd, Tolsta Chaolais, various editions up to 2014.
- Direct communication with the Interstate Statistical Committee of the Commonwealth of Independent States.
- Direct communications to the IEA Secretariat from the Institute of Power Engineering and Automation, Academy of Sciences of Uzbekistan 1994, 1996, 1998 to 2003.
- Joint IEA/Eurostat/UNECE annual energy questionnaires, 1995 to 1997.
- IEA Secretariat estimates.

Venezuela

In 2015, new information on the production and consumption of refinery gas since 2007 became available. For this reason, breaks in time series may occur between 2006 and 2007.

Data for crude oil production are obtained from Petróleos de Venezuela S.A. (PDVSA) with an estimate of lease condensate removed. Crude oil production data are comparable to data reported by the Organization of the Petroleum Exporting Countries (OPEC) and the Organización Latino Americana de Energia (OLADE); however, some other sources of information report lower crude oil production, noting other components may be included in the crude oil production data reported in the above sources.

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Lease condensate quantities are included in the product NGL from 2000. This may lead to breaks in time series for some products between 1999 and 2000.

Revised data for the years 2005-2011 were provided by OLADE for Venezuela. These revisions may lead to breaks in time series between 2004 and 2005 and differences in trends in comparison to previous editions.

Sources up to 2014:

- *Natural Gas in the World,* Cedigaz, Paris, various editions up to 2015.
- Estadísticas consolidadas, Cámara Venezolana de la Industria Eléctrica, 1996 to 2007.
- Oficina de operatión de sistemas interconectados Venezuela, 2008.
- Petróleo y Otros Datos Estadísticos, Dirección General Sectorial de Hidrocarburos, Caracas, 1983 to 1991, 1993 to 2004, 2007 to 2008.
- Balance Energético de Venezuela, Dirección de Planificación Energética, Ministerio de Energía y Minas, Caracas, 1971 to 2005..
- Transformando la energía en desarrollo social, CVG EDELCA Informe Anual 2006.
- Compendio Estadístico del Sector Eléctrico, Ministerio de Energía y Minas, Dirección de Electricidad, Carbón y Otras Energías, Caracas, 1984, 1989, 1990, 1991.
- Memoria y Cuenta, Ministerio de Energía y Minas, Caracas, 1991.
- Petróleos de Venezuela S.A. 1985 Annual Report, Petróleos de Venezuela, Caracas, 1991.
- Energy-Economic Information System (SIEE), Latin American Energy Organization (OLADE), Quito, accessed May 2016. http://sier.olade.org/
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- *The UN Energy Statistics Database.*

Viet Nam

Data for stock changes may contain statistical differences for some energy products.

Sources 1992 to 2014:

- Direct communication with the Institute of Energy and the Ministry of Industry and Trade, Hanoi.
- *Vietnam Energy Balance Tables*, General Directorate of Energy, Ministry of Industry and Trade, Hanoi, various editions up to 2013.
- *Statistical Yearbook of Vietnam & Statistical Handbook,* General Statistics Office of Vietnam (GSO), Hanoi, various editions up to 2014.
- *Yearbook*, Vietnam Energy (Năng Lượng Việt Nam), Hanoi, 2012.
- *Annual Report 2006,* Petrovietnam, Vietnam national Oil and Gas Group.
- Direct communications with the Center for Energy-Environment Research and Development, Pathumthami, 1997 to 1999.
- *Sectoral Energy Demand in Vietnam,* UNDP Economic and Social Commission for Asia and the Pacific, Bangkok, 1992.
- *Energy Commodity Account of Vietnam 1992,* Asian Development Bank, Manila, 1994.
- *World Economic Problems (20),* National Centre for Social Sciences of the S.R. Vietnam, Institute of World Economy, Hanoi, 1993.
- *Vietnam Energy Review*, Institute of Energy, Hanoi, 1995, 1997, 1998.
- APEC annual energy statistics questionnaires.
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- IEA Secretariat estimates based on 1992 data from *Vietnam Rural and Household Energy Issues and Options: Report No. 161/94*, The World Bank, ESMAP, Washington, D.C., 1994.

Yemen

Oil and gas pipeline sabotage was reported in 2012 due to unrest in Yemen. Breaks in time series between 2011 and 2012 as well as between 2012 and 2013 may be observed because of this.

Sources 2011 to 2014:

- *Statistical Bulletin,* Arab Union of Producers, Transporters and Distributors of Electricity (AUPTDE), Amman, various editions up to 2014.
- *Online database*, The International Association for Natural Gas (Cedigaz). various editions up to 2015.
- *Statistical Yearbook,* Central Statistical Organization, Sana'a, various editions up to 2013.

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- Household Budget Survey 2005/2006, Central Statistical Organization, Sana'a.
- Petroleum Subsidies in Yemen, IFPRI, 2011.

Sources up to 2010:

- Yemen Petroleum Company, online statistics, 2010.
- *Oil & Gas in Figures 2001 – 2007,* Ministry of Oil & Minerals, Statistics Technical Committee, Yemen, 2008.
- *Oil, Gas and Minerals Statistics, Annual Bulletin 2001, 2002, 2003, 2004, 2005 and 2006,* Ministry of Oil & Minerals, Statistics Technical Committee, Yemen, 2001 to 2007.
- Direct communications to the IEA Secretariat from the Yemen General Oil and Gas Corporation, the Public Electricity Corporation, and the National Information Center, Sana'a, 2001.
- *Statistical Indicators in the Electricity Sector,* Ministry of Planning and Development, Central Statistical Organization, Yemen, 1993.
- IEA Secretariat estimates.

Sources up to 1991:

- *Statistical Yearbook,* Government of Yemen Arab Republic, Yemen, 1988.

Sources for Biofuels and waste:

- *The UN Energy Statistics Database.*
- Forestry Statistics, FAO, Rome, 2000.
- IEA Secretariat estimates.

Former Yugoslavia

Data for individual countries of the Former Yugoslavia are available starting in 1990, and most of the information on 1990 and 1991 was estimated by the IEA Secretariat. Because of large breaks in reporting which occurred in the early 1990's, breaks in time series may occur in 1990 for all regional totals.

Sources up to 1989:

- *Statisticki Godisnjak Yugoslavije,* Socijalisticka Federativna Rebublika Jugoslavija, Savezni Zavod Za Statistiku, Beograd, 1985 to 1991.
- *Indeks,* Socijalisticka Federativna Rebublika Jugoslavija, Beograd, 1990, 1991, 1992.

Zambia

A fire damaged the sole oil refinery (Indeni) in Zambia in 2000. Therefore, breaks in time series may occur between 1999 and 2000, as well as between 2000 and 2001.

In 2015, new information on refinery yields was obtained and applied to the refinery production from 2001. Therefore, breaks in time series may occur between 2000 and 2001.

Sources 1971 to 2014:

- *Energy Sector Report.* Energy Regulation Board, Lusaka, various editions up to 2014.
- *Petroleum Industry Statistics*, Energy Regulation Board, Lusaka. Various editions up to 2014.
- *Institutional Framework and Storage and Transportation Infrastructure of the Zambian Petroleum Supply Chain (DRAFT),* Government of the Republic of Zambia, 2007.
- *Economic Report 2003*, Ministry of Finance, Lusaka.
- *Energy Statistics Bulletin 1980-1999*, The Department of Energy, Lusaka, 2000.
- AFREPREN, 2002.
- *Annual Statistical Yearbook* 1993, 1994, 1995 (*Consumption in Zambia 1978-1983),* Eskom, Lusaka, 1984.
- IEA Secretariat estimates.

Sources for Biofuels and waste:

- IEA Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa,* African Energy Programme of the African Development Bank, Abidjan, 1996.

Zimbabwe

As no data were received for 2014, data are estimated by the IEA Secretariat based on population growth for biomass and household consumption, and GDP growth for the other products.

A new mining company was commissioned in 2011, leading to a rapid increase in coal production. Due to limited availability of coal consumption data, the IEA Secretariat has estimated coal stocks for Zimbabwe. Breaks in time series may occur between 2013 and 2014 because of this.

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More detailed data on energy consumption is available from the Census of Industrial Production (ZimStat) since 2009. Breaks in time series may occur between 2008 and 2009 because of this.

More detailed data on road fuel imports is available since 2011. Breaks in time series may occur between 2010 and 2011 because of this.

Sources 2006 to 2014:

- Direct communication with the Ministry of Energy and Power Development, Harare, 2016.
- *Census of Industrial Production (CIP),* Zimbabwe National Statistics Agency (ZimStat), Harare. Various editions up to 2015.
- Direct communication with the Zimbabwe National Statistical Agency (ZimStat), Harare, 2014.
- *Annual Report,* Zimbabwe Power Company (ZPC), Harare, various editions from 2010 up to 2012.

Sources 1996 to 2005:

- Direct communication with the Ministry of Energy and Power Development, 2007, 2012.
- Direct communication with the Zimbabwe Electricity Supply Authority (ZESA), 2003, 2005, 2006.
- *African Economic Outlook 2004,* OECD*, Paris,* 2004.
- Direct communication to the IEA Secretariat from the Department of Energy Resources and Development, February 2002, AFREPREN, 2002.
- Direct communication to the IEA Secretariat from the Ministry of Environment and Tourism, Harare, 1999, 2000.
- Direct communication to the IEA Secretariat from the electricity utility.
- *Electricity Statistics Information*, Central Statistical Office, Causeway, February 1998.
- IEA Secretariat estimates.

Sources 1992 to 1995:

- *Eskom Annual Statistical Yearbook 1993, 1994, 1995*, Johannesburg, 1994, 1995, 1996, citing Zimbabwe Electricity Supply Authority, Harare as source.
- *The UN Energy Statistics Database.*

Sources up to 1991:

- *Zimbabwe Statistical Yearbook 1986,* Central Statistical Office, Harare, 1990.
- *Quarterly Digest of Statistics,* Central Statistical Office, Harare, 1990.
- *Zimbabwe Electricity Supply Authority Annual Report,* Zimbabwe Electricity Supply Authority, Harare, 1986 to 1991.

Sources for Biofuels and waste:

- IEA Secretariat estimates based on 1991 data from *Forests and Biomass* Sub-sector in Africa, African Energy Programme of the African Development Bank, Abidjan, 1996.

Other Africa

Time series for this region are obtained by summing data corresponding to individual countries (see lists in section I.5, Geographical coverage). As a consequence, intra-regional trade is included as part of total trade. Therefore, trade is likely to be overstated.

The UN Statistics Division database is the main data source for the countries not listed individually and included in the region. At the time when this edition was prepared only 2013 data were available. As a consequence, all data points for 2014 have been estimated based on developments in population and GDP in the region.

In this edition data for bagasse use in the transformation sector in autoproducer electricity plants, main activity producer CHP plants and autoproducer CHP plants became available for the years 2011-2013. This may lead to breaks in time series between 2010 and 2011.

In this edition, data for Niger are no longer included in Other Africa for the period 2000-2013. This may lead to breaks in time series between 1999 and 2000.

Sources up to 2014

- *The UN Energy Statistics Database.*
- IEA Secretariat estimates.

Other Asia

Time series for this region are obtained by summing data corresponding to individual countries (see lists in section I.5, Geographical coverage). As a consequence, intra-regional trade is included as part of total trade. Therefore, trade is likely to be overstated.

The UN Statistics Division database is the main data source for the countries not listed individually and

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included in the region. At the time when this edition was prepared only 2013 data were available. As a consequence, all data points for 2014 have been estimated based on developments in population and GDP in the region.

In this edition only UN data for the period 2011-2012 were uploaded which may create breaks in time series between 2010 and 2011.

Sources up to 2014

- *The UN Energy Statistics Database.*
- IEA Secretariat estimates.

Other Non-OECD Americas

Time series for this region are obtained by summing data corresponding to individual countries (see lists in section I.5, Geographical coverage). As a consequence, intra-regional trade is included as part of total trade. Therefore, trade is likely to be overstated.

The UN Statistics Division database is the main data source for the countries not listed individually and included in the region. At the time when this edition was prepared only 2013 data were available. As a consequence, all data points for 2014 have been estimated based on developments in population and GDP in the region.

The refinery in Aruba was shut down in September 2012. This may lead to breaks in time series for the period 2011-2013.

In this edition energy data for Bonaire, Saba, Saint Eustratius and Sint Maarten are included in Other Non-OECD Americas for the period 2012-2014.

In this edition, data for Suriname are no longer included in Other Non-OECD America's for the period 2000-2014. This may lead to breaks in time series between 1999 and 2000.

Sources up to 2014

- Annual Statistical Digest of the Central Bank of Aruba.
- The economy of Curacao and Sint Maarten in Data and Charts Yearly Overview
- *The UN Energy Statistics Database.*
- IEA Secretariat estimates.

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PART III

SUMMARY TIME SERIES

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Production of coking coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	..	**560 947**	**599 538**	**478 155**	**677 876**	**939 054**	**1 076 499**	**1 107 635**	**1 089 871**
Non-OECD Total	..	**250 844**	**317 001**	**243 220**	**429 012**	**645 780**	**778 449**	**796 454**	**789 220**
OECD Total[1]	..	**310 103**	**282 537**	**234 935**	**248 864**	**293 274**	**298 050**	**311 181**	**300 651**
Canada	..	14 151	27 660	28 164	30 796	28 153	34 063	31 950	26 000
Chile	..	-	-	-	-	-	-	-	-
Mexico	..	3 089	2 963	2 214	3 520	4 022	2 057	1 882	3 113
United States	..	117 716	93 259	54 287	46 444	68 645	77 857	72 717	57 368
OECD Americas	..	**134 956**	**123 882**	**84 665**	**80 760**	**100 820**	**113 977**	**106 549**	**86 481**
Australia	..	40 086	64 631	103 750	128 358	162 929	159 494	180 295	191 056
Israel	..	-	-	-	-	-	-	-	-
Japan	..	6 943	-	-	-	-	-	-	-
Korea	..	-	-	-	-	-	-	-	-
New Zealand	..	173	578	1 310	2 446	2 341	2 152	1 760	1 334
OECD Asia Oceania	..	**47 202**	**65 209**	**105 060**	**130 804**	**165 270**	**161 646**	**182 055**	**192 390**
Austria	..	-	-	-	-	-	-	-	-
Belgium	..	4 036	-	-	-	-	-	-	-
Czech Republic	..	17 403	14 383	8 136	7 136	6 023	4 559	4 590	4 088
Denmark	..	-	-	-	-	-	-	-	-
Estonia	..	..	-	-	-	-	-	-	-
Finland	..	-	-	-	-	-	-	-	-
France	..	4 114	1 821	-	-	-	-	-	-
Germany	..	56 036	44 577	18 862	15 171	8 145	4 756	4 739	3 843
Greece	..	-	-	-	-	-	-	-	-
Hungary	..	883	169	-	-	-	-	-	-
Iceland	..	-	-	-	-	-	-	-	-
Ireland	..	-	-	-	-	-	-	-	-
Italy	..	-	-	-	-	-	-	-	-
Luxembourg	..	-	-	-	-	-	-	-	-
Netherlands	..	-	-	-	-	-	-	-	-
Norway	..	160	-	-	-	-	-	-	-
Poland	..	31 495	28 793	17 222	14 071	11 658	12 116	12 288	12 915
Portugal	..	-	-	-	-	-	-	-	-
Slovak Republic	..	-	-	-	-	-	-	-	-
Slovenia	..	..	-	-	-	-	-	-	-
Spain	..	1 333	279	-	-	-	-	-	-
Sweden	..	-	-	-	-	-	-	-	-
Switzerland	..	-	-	-	-	-	-	-	-
Turkey	..	2 435	1 824	735	648	1 088	817	861	767
United Kingdom	..	10 050	1 600	255	274	270	179	99	167
OECD Europe[1]	..	**127 945**	**93 446**	**45 210**	**37 300**	**27 184**	**22 427**	**22 577**	**21 780**
IEA[1]	..	*307 014*	*279 574*	*232 721*	*245 344*	*289 252*	*295 993*	*309 299*	*297 538*
European Union - 28	..	..	*93 104*	*44 488*	*36 652*	*26 096*	*21 610*	*21 716*	*21 013*
G7	..	*209 010*	*168 917*	*101 568*	*92 685*	*105 213*	*116 855*	*109 505*	*87 378*
G8	..	..	*254 375*	*152 603*	*148 190*	*172 097*	*190 657*	*185 823*	*165 329*
G20	..	..	*500 480*	*434 709*	*637 227*	*892 485*	*1 025 630*	*1 060 541*	*1 048 783*
OPEC	..	*845*	*760*	*931*	*930*	*984*	*922*	*810*	*952*

Also includes small quantities of coal from other sources.
1. Please refer to section 'Geographical coverage'.

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Production of coking coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**250 844**	**317 001**	**243 220**	**429 012**	**645 780**	**778 449**	**796 454**	**789 220**
Albania	..	-	-	-	-	-	-	-	-
Armenia	..	..	-	-	-	-	-	-	-
Azerbaijan	..	..	-	-	-	-	-	-	-
Belarus	..	..	-	-	-	-	-	-	-
Bosnia and Herzegovina	..	..	-	-	-	-	-	-	-
Bulgaria	..	-	-	-	-	-	-	-	-
Croatia	..	..	-	-	-	-	-	-	-
Cyprus[1]	..	-	-	-	-	-	-	-	-
FYR of Macedonia	..	..	-	-	-	-	-	-	-
Georgia	..	..	574	-	-	-	-	-	-
Gibraltar	..	-	-	-	-	-	-	-	-
Kazakhstan	..	..	29 983	10 687	10 981	11 906	12 968	17 906	16 030
Kosovo	..	..	..	-	-	-	-	-	-
Kyrgyzstan	..	..	-	-	-	-	-	-	-
Latvia	..	..	-	-	-	-	-	-	-
Lithuania	..	..	-	-	-	-	-	-	-
Malta	..	-	-	-	-	-	-	-	-
Moldova	..	..	-	-	-	-	-	-	-
Montenegro	..	..	..	..	-	-	-	-	-
Romania	..	1 828	1 482	13	-	-	-	-	-
Russian Federation	..	..	85 458	51 035	55 505	66 884	73 802	76 318	77 951
Serbia	..	..	-	-	-	-	-	-	-
Tajikistan	..	..	-	-	-	-	-	-	-
Turkmenistan	..	..	-	-	-	-	-	-	-
Ukraine	..	..	62 283	27 844	23 166	17 688	19 663	12 022	5 775
Uzbekistan	..	..	-	-	-	-	-	-	-
Former Soviet Union	..	143 534	x	x	x	x	x	x	x
Former Yugoslavia	..	-	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**145 362**	**179 780**	**89 579**	**89 652**	**96 478**	**106 433**	**106 246**	**99 756**
Algeria	..	3	-	-	-	-	-	-	-
Angola	..	-	-	-	-	-	-	-	-
Benin	..	-	-	-	-	-	-	-	-
Botswana	..	..	-	-	-	-	-	-	-
Cameroon	..	-	-	-	-	-	-	-	-
Congo	..	-	-	-	-	-	-	-	-
Côte d'Ivoire	..	-	-	-	-	-	-	-	-
Dem. Rep. of the Congo	..	-	-	-	-	-	-	-	-
Egypt	..	-	-	-	-	-	-	-	44
Eritrea	..	..	..	-	-	-	-	-	-
Ethiopia	..	-	-	-	-	-	-	-	-
Gabon	..	-	-	-	-	-	-	-	-
Ghana	..	-	-	-	-	-	-	-	-
Kenya	..	-	-	-	-	-	-	-	-
Libya	..	-	-	-	-	-	-	-	-
Mauritius	..	-	-	-	-	-	-	-	-
Morocco	..	-	-	-	-	-	-	-	-
Mozambique	..	-	-	-	-	-	3 281	3 785	3 948
Namibia	..	..	..	-	-	-	-	-	-
Niger	..	..	..	-	-	-	-	-	-
Nigeria	..	-	-	-	-	-	-	-	-
Senegal	..	-	-	-	-	-	-	-	-
South Africa	..	10 605	9 308	3 204	1 640	2 797	3 354	3 448	3 188
South Sudan	..	..	..	..	..	..	-	-	-
Sudan[1]	..	-	-	-	-	-	-	-	-
Tanzania	..	-	1	-	-	-	-	-	-
Togo	..	-	-	-	-	-	-	-	-
Tunisia	..	-	-	-	-	-	-	-	-
Zambia	..	-	-	-	-	-	-	-	-
Zimbabwe	..	991	612	856	692	348	449	422	422
Other Africa	..	-	-	-	-	-	-	-	-
Africa	**..**	**11 599**	**9 921**	**4 060**	**2 332**	**3 145**	**7 084**	**7 655**	**7 602**

Also includes small quantities of coal from other sources.
1. Please refer to section 'Geographical coverage'.

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Production of coking coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	-	-	-	-	-	-	-	-
Brunei Darussalam	..	-	-	-	-	-	-	-	-
Cambodia	..	..	..	-	-	-	-	-	-
DPR of Korea	..	3 836	2 543	-	-	-	-	-	-
India	..	18 055	36 088	22 088	23 584	41 432	49 638	50 568	54 548
Indonesia	..	-	29	616	1 222	1 947	2 244	1 022	2 728
Malaysia	..	-	-	-	-	-	-	-	-
Mongolia	..	..	-	-	983	9 465	6 876	5 702	7 853
Myanmar	..	-	-	-	-	-	-	-	-
Nepal	..	-	-	-	-	-	-	-	-
Pakistan	..	-	-	-	-	-	-	-	-
Philippines	..	-	-	-	-	-	-	-	-
Singapore	..	-	-	-	-	-	-	-	-
Sri Lanka	..	-	-	-	-	-	-	-	-
Chinese Taipei	..	-	3	-	-	-	-	-	-
Thailand	..	-	-	-	-	-	-	-	-
Viet Nam	..	-	-	-	-	-	-	-	-
Other Asia	..	-	-	-	-	-	-	-	-
Asia excluding China	..	21 891	38 663	22 704	25 789	52 844	58 758	57 292	65 129
People's Republic of China	..	68 222	85 657	124 113	308 648	488 492	600 694	619 764	611 051
Hong Kong, China	..	-	-	-	-	-	-	-	-
China	**..**	**68 222**	**85 657**	**124 113**	**308 648**	**488 492**	**600 694**	**619 764**	**611 051**
Argentina	..	-	-	-	-	-	-	-	-
Bolivia	..	-	-	-	-	-	-	-	-
Brazil	..	1 545	499	15	210	-	-	-	-
Colombia	..	1 383	1 721	1 818	1 451	3 837	4 558	4 687	4 730
Costa Rica	..	-	-	-	-	-	-	-	-
Cuba	..	-	-	-	-	-	-	-	-
Curaçao[1]	..	-	-	-	-	-	-	-	-
Dominican Republic	..	-	-	-	-	-	-	-	-
Ecuador	..	-	-	-	-	-	-	-	-
El Salvador	..	-	-	-	-	-	-	-	-
Guatemala	..	-	-	-	-	-	-	-	-
Haiti	..	-	-	-	-	-	-	-	-
Honduras	..	-	-	-	-	-	-	-	-
Jamaica	..	-	-	-	-	-	-	-	-
Nicaragua	..	-	-	-	-	-	-	-	-
Panama	..	-	-	-	-	-	-	-	-
Paraguay	..	-	-	-	-	-	-	-	-
Peru	..	-	-	-	-	-	-	-	-
Suriname	..	..	..	-	-	-	-	-	-
Trinidad and Tobago	..	-	-	-	-	-	-	-	-
Uruguay	..	-	-	-	-	-	-	-	-
Venezuela	..	-	-	-	-	-	-	-	-
Other Non-OECD Americas	..	-	-	-	-	-	-	-	-
Non-OECD Americas	**..**	**2 928**	**2 220**	**1 833**	**1 661**	**3 837**	**4 558**	**4 687**	**4 730**
Bahrain	..	-	-	-	-	-	-	-	-
Islamic Republic of Iran	..	842	760	931	930	984	922	810	952
Iraq	..	-	-	-	-	-	-	-	-
Jordan	..	-	-	-	-	-	-	-	-
Kuwait	..	-	-	-	-	-	-	-	-
Lebanon	..	-	-	-	-	-	-	-	-
Oman	..	-	-	-	-	-	-	-	-
Qatar	..	-	-	-	-	-	-	-	-
Saudi Arabia	..	-	-	-	-	-	-	-	-
Syrian Arab Republic	..	-	-	-	-	-	-	-	-
United Arab Emirates	..	-	-	-	-	-	-	-	-
Yemen	..	-	-	-	-	-	-	-	-
Middle East	**..**	**842**	**760**	**931**	**930**	**984**	**922**	**810**	**952**

Also includes small quantities of coal from other sources.
1. Please refer to section 'Geographical coverage'.

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Production of other bituminous coal and anthracite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	..	**2 088 955**	**2 636 796**	**2 827 581**	**3 882 599**	**4 868 895**	**5 364 835**	**5 296 217**	**5 111 105**
Non-OECD Total	..	**1 213 213**	**1 707 191**	**2 069 349**	**3 129 068**	**4 191 879**	**4 689 047**	**4 598 185**	**4 484 750**
OECD Total[1]	..	**875 742**	**929 605**	**758 232**	**753 531**	**677 016**	**675 788**	**698 032**	**626 355**
Canada	..	6 022	10 013	5 641	2 473	5 550	4 219	4 000	2 700
Chile	..	1 125	2 183	366	544	619	3 028	4 104	3 060
Mexico	..	-	-	-	14	35	65	70	73
United States	..	452 212	538 783	468 463	485 378	389 022	361 346	375 138	310 221
OECD Americas	..	**459 359**	**550 979**	**474 470**	**488 409**	**395 226**	**368 658**	**383 312**	**316 054**
Australia	..	24 693	77 161	112 417	126 917	175 210	214 074	226 712	229 746
Israel	..	-	-	-	-	-	-	-	-
Japan	..	11 084	7 985	2 964	-	-	-	-	-
Korea	..	18 625	17 217	8 300	2 832	2 084	1 815	1 748	1 764
New Zealand	..	284	85	386	98	256	128	189	66
OECD Asia Oceania	..	**54 686**	**102 448**	**124 067**	**129 847**	**177 550**	**216 017**	**228 649**	**231 576**
Austria	..	-	-	-	-	-	-	-	-
Belgium	..	2 300	1 036	-	-	-	-	5	6
Czech Republic	..	10 318	8 032	6 719	6 118	5 412	4 185	4 235	4 227
Denmark	..	-	-	-	-	-	-	-	-
Estonia	..	..	-	-	-	-	-	-	-
Finland	..	-	-	-	-	-	-	-	-
France	..	16 076	9 378	3 804	617	261	313	300	18
Germany	..	38 456	31 976	18 514	12 847	5 963	3 504	3 598	2 807
Greece	..	-	-	-	-	-	-	-	-
Hungary	..	-	-	-	-	-	-	-	-
Iceland	..	-	-	-	-	-	-	-	-
Ireland	..	60	25	-	-	-	-	-	-
Italy	..	-	58	-	95	101	73	86	73
Luxembourg	..	-	-	-	-	-	-	-	-
Netherlands	..	-	-	-	-	-	-	-	-
Norway	..	128	303	632	1 471	1 935	1 855	1 675	1 103
Poland	..	161 626	118 943	86 109	83 833	65 070	64 901	60 983	59 714
Portugal	..	-	-	-	-	-	-	-	-
Slovak Republic	..	-	-	-	-	-	-	-	-
Slovenia	..	..	-	-	-	-	-	-	-
Spain	..	11 505	14 333	11 317	8 548	5 986	2 542	2 669	1 750
Sweden	..	18	11	-	-	-	-	-	-
Switzerland	..	-	-	-	-	-	-	-	-
Turkey	..	1 163	921	1 657	1 522	1 436	1 151	972	668
United Kingdom	..	120 047	91 162	30 943	20 224	18 076	12 589	11 548	8 359
OECD Europe[1]	..	**361 697**	**276 178**	**159 695**	**135 275**	**104 240**	**91 113**	**86 071**	**78 725**
IEA[1]	..	*874 617*	*927 422*	*757 866*	*752 973*	*676 362*	*672 695*	*693 858*	*623 222*
European Union - 28	..	..	*278 217*	*157 792*	*132 291*	*100 914*	*88 124*	*83 459*	*76 989*
G7	..	*643 897*	*689 355*	*530 329*	*521 634*	*418 973*	*382 044*	*394 670*	*324 178*
G8	..	..	*841 411*	*631 832*	*675 342*	*574 666*	*560 549*	*582 394*	*522 268*
G20	..	..	*2 382 650*	*2 640 503*	*3 633 914*	*4 568 757*	*5 031 774*	*4 972 633*	*4 809 203*
OPEC	..	*301*	*2 354*	*8 105*	*7 829*	*2 873*	*1 174*	*1 394*	*1 271*

Also includes small quantities of coal from other sources.
1. Please refer to section 'Geographical coverage'.

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Production of other bituminous coal and anthracite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**1 213 213**	**1 707 191**	**2 069 349**	**3 129 068**	**4 191 879**	**4 689 047**	**4 598 185**	**4 484 750**
Albania	..	-	-	-	-	-	-	-	-
Armenia	..	..	-	-	-	-	-	-	-
Azerbaijan	..	..	-	-	-	-	-	-	-
Belarus	..	..	-	-	-	-	-	-	-
Bosnia and Herzegovina	..	..	-	-	-	-	-	-	-
Bulgaria	..	267	143	118	9	45	17	35	35
Croatia	..	..	156	-	-	-	-	-	-
Cyprus[1]	..	-	-	-	-	-	-	-	-
FYR of Macedonia	..	..	-	-	-	-	-	-	-
Georgia	..	..	-	-	-	-	-	-	-
Gibraltar	..	-	-	-	-	-	-	-	-
Kazakhstan	..	..	98 017	64 199	71 807	91 740	99 916	89 185	85 000
Kosovo	..	..	..	-	-	-	-	-	-
Kyrgyzstan	..	..	1 495	104	43	75	251	298	228
Latvia	..	..	-	-	-	-	-	-	-
Lithuania	..	..	-	-	-	-	-	-	-
Malta	..	-	-	-	-	-	-	-	-
Moldova	..	..	-	-	-	-	-	-	-
Montenegro	..	..	..	..	-	-	-	-	-
Romania	..	6 232	2 964	268	-	-	-	-	-
Russian Federation	..	..	152 056	101 503	153 708	155 693	178 505	187 724	198 090
Serbia	..	..	137	88	-	-	-	-	-
Tajikistan	..	..	475	9	84	172	482	822	1 017
Turkmenistan	..	..	-	-	-	-	-	-	-
Ukraine	..	..	81 200	33 757	36 841	39 971	49 340	43 293	26 825
Uzbekistan	..	..	200	69	73	65	199	408	412
Former Soviet Union	..	409 466	x	x	x	x	x	x	x
Former Yugoslavia	..	388	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**416 353**	**336 843**	**200 115**	**262 565**	**287 761**	**328 710**	**321 765**	**311 607**
Algeria	..	-	-	-	-	-	-	-	-
Angola	..	-	-	-	-	-	-	-	-
Benin	..	-	-	-	-	-	-	-	-
Botswana	..	..	794	947	985	988	1 496	1 712	2 066
Cameroon	..	-	-	-	-	-	-	-	-
Congo	..	-	-	-	-	-	-	-	-
Côte d'Ivoire	..	-	-	-	-	-	-	-	-
Dem. Rep. of the Congo	..	138	126	-	-	-	-	-	-
Egypt	..	-	-	58	25	-	-	-	-
Eritrea	..	..	..	-	-	-	-	-	-
Ethiopia	..	-	-	-	-	36	-	-	-
Gabon	..	-	-	-	-	-	-	-	-
Ghana	..	-	-	-	-	-	-	-	-
Kenya	..	-	-	-	-	-	-	-	-
Libya	..	-	-	-	-	-	-	-	-
Mauritius	..	-	-	-	-	-	-	-	-
Morocco	..	680	526	31	12	-	-	-	-
Mozambique	..	207	40	16	3	38	2 198	2 547	2 632
Namibia	..	..	..	-	-	-	-	-	-
Niger	..	..	..	-	-	-	-	-	-
Nigeria	..	176	90	3	8	38	44	46	44
Senegal	..	-	-	-	-	-	-	-	-
South Africa	..	104 515	165 492	220 996	243 346	251 725	252 928	257 092	248 884
South Sudan	..	..	..	..	..	..	-	-	-
Sudan[1]	..	-	-	-	-	-	-	-	-
Tanzania	..	1	3	79	31	-	85	246	257
Togo	..	-	-	-	-	-	-	-	-
Tunisia	..	-	-	-	-	-	-	-	-
Zambia	..	570	377	196	150	1	149	159	200
Zimbabwe	..	1 777	4 733	3 628	2 930	2 500	2 665	5 361	3 873
Other Africa	..	567	314	427	496	543	293	306	312
Africa	**..**	**108 631**	**172 495**	**226 381**	**247 986**	**255 869**	**259 858**	**267 469**	**258 268**

Also includes small quantities of coal from other sources.
1. Please refer to section 'Geographical coverage'.

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Production of other bituminous coal and anthracite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	-	-	-	178	705	855	947	931
Brunei Darussalam	..	-	-	-	-	-	-	-	-
Cambodia	..	..	..	-	-	-	-	-	-
DPR of Korea	..	30 270	33 150	22 500	26 864	25 500	26 600	27 090	31 233
India	..	92 945	175 096	289 340	383 455	491 262	516 127	558 611	593 508
Indonesia	..	152	5 132	40 254	92 958	168 028	265 379	256 466	230 318
Malaysia	..	-	111	384	788	2 397	2 894	2 687	2 560
Mongolia	..	..	595	70	2 192	10 025	12 692	10 477	10 597
Myanmar	..	11	40	468	521	646	535	642	535
Nepal	..	-	-	17	12	15	17	18	19
Pakistan	..	1 098	1 922	2 166	2 861	2 350	2 275	2 383	2 955
Philippines	..	-	-	-	-	-	-	-	-
Singapore	..	-	-	-	-	-	-	-	-
Sri Lanka	..	-	-	-	-	-	-	-	-
Chinese Taipei	..	2 574	469	83	-	-	-	-	-
Thailand	..	-	-	-	-	-	-	-	-
Viet Nam	..	5 200	4 638	11 609	33 771	44 835	41 045	41 678	37 195
Other Asia	..	511	108	243	420	1 252	1 755	1 861	1 777
Asia excluding China	..	132 761	221 261	367 134	544 020	747 015	870 174	902 860	911 628
People's Republic of China	..	551 928	954 163	1 230 773	2 008 677	2 827 609	3 147 836	3 020 403	2 916 140
Hong Kong, China	..	-	-	-	-	-	-	-	-
China	**..**	**551 928**	**954 163**	**1 230 773**	**2 008 677**	**2 827 609**	**3 147 836**	**3 020 403**	**2 916 140**
Argentina	..	390	276	259	25	65	83	83	-
Bolivia	..	-	-	-	-	-	-	-	-
Brazil	..	203	138	144	318	124	122	155	102
Colombia	..	2 781	19 654	36 424	57 613	70 513	80 938	83 891	85 530
Costa Rica	..	-	-	-	-	-	-	-	-
Cuba	..	-	-	-	-	-	-	-	-
Curaçao[1]	..	-	-	-	-	-	-	-	-
Dominican Republic	..	-	-	-	-	-	-	-	-
Ecuador	..	-	-	-	-	-	-	-	-
El Salvador	..	-	-	-	-	-	-	-	-
Guatemala	..	-	-	-	-	-	-	-	-
Haiti	..	-	-	-	-	-	-	-	-
Honduras	..	-	-	-	-	-	-	-	-
Jamaica	..	-	-	-	-	-	-	-	-
Nicaragua	..	-	-	-	-	-	-	-	-
Panama	..	-	-	-	-	-	-	-	-
Paraguay	..	-	-	-	-	-	-	-	-
Peru	..	41	97	17	43	88	196	211	248
Suriname	..	..	..	-	-	-	-	-	-
Trinidad and Tobago	..	-	-	-	-	-	-	-	-
Uruguay	..	-	-	-	-	-	-	-	-
Venezuela	..	42	2 189	7 885	7 195	2 730	947	1 200	1 079
Other Non-OECD Americas	..	-	-	-	-	-	-	-	-
Non-OECD Americas	**..**	**3 457**	**22 354**	**44 729**	**65 194**	**73 520**	**82 286**	**85 540**	**86 959**
Bahrain	..	-	-	-	-	-	-	-	-
Islamic Republic of Iran	..	83	75	217	626	105	183	148	148
Iraq	..	-	-	-	-	-	-	-	-
Jordan	..	-	-	-	-	-	-	-	-
Kuwait	..	-	-	-	-	-	-	-	-
Lebanon	..	-	-	-	-	-	-	-	-
Oman	..	-	-	-	-	-	-	-	-
Qatar	..	-	-	-	-	-	-	-	-
Saudi Arabia	..	-	-	-	-	-	-	-	-
Syrian Arab Republic	..	-	-	-	-	-	-	-	-
United Arab Emirates	..	-	-	-	-	-	-	-	-
Yemen	..	-	-	-	-	-	-	-	-
Middle East	**..**	**83**	**75**	**217**	**626**	**105**	**183**	**148**	**148**

Also includes small quantities of coal from other sources.
1. Please refer to section 'Geographical coverage'.

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Production of sub-bituminous coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	..	**180 897**	**291 022**	**488 519**	**612 076**	**710 129**	**699 285**	**709 993**	**700 321**
Non-OECD Total	..	**12 845**	**18 755**	**55 160**	**94 925**	**176 932**	**243 519**	**248 929**	**258 177**
OECD Total[1]	..	**168 052**	**272 267**	**433 359**	**517 151**	**533 197**	**455 766**	**461 064**	**442 144**
Canada	..	10 544	21 252	24 168	25 742	23 927	21 657	24 968	22 500
Chile	..	-	-	-	-	-	-	-	-
Mexico	..	-	3 970	9 130	9 189	10 550	12 402	12 834	11 543
United States	..	140 250	221 605	371 222	430 618	467 470	394 399	398 233	381 071
OECD Americas	..	**150 794**	**246 827**	**404 520**	**465 549**	**501 947**	**428 458**	**436 035**	**415 114**
Australia	..	6 831	16 780	23 262	44 782	25 190	22 527	21 244	22 520
Israel	..	-	-	-	-	-	-	-	-
Japan	..	-	-	-	-	-	-	-	-
Korea	..	-	-	-	-	-	-	-	-
New Zealand	..	1 473	1 756	1 550	2 477	2 439	2 056	1 712	1 672
OECD Asia Oceania	..	**8 304**	**18 536**	**24 812**	**47 259**	**27 629**	**24 583**	**22 956**	**24 192**
Austria	..	-	-	-	-	-	-	-	-
Belgium	..	1 682	1 321	375	109	-	-	-	-
Czech Republic	..	-	-	-	-	-	-	-	-
Denmark	..	-	-	-	-	-	-	-	-
Estonia	..	..	-	-	-	-	-	-	-
Finland	..	-	-	-	-	-	-	-	-
France	..	-	-	-	-	-	-	-	-
Germany	..	-	-	-	-	-	-	-	-
Greece	..	-	-	-	-	-	-	-	-
Hungary	..	2 498	329	-	-	-	-	-	-
Iceland	..	-	-	-	-	-	-	-	-
Ireland	..	-	-	-	-	-	-	-	-
Italy	..	-	-	-	-	-	-	-	-
Luxembourg	..	-	-	-	-	-	-	-	-
Netherlands	..	-	-	-	-	-	-	-	-
Norway	..	-	-	-	-	-	-	-	-
Poland	..	-	-	-	-	-	-	-	-
Portugal	..	177	281	-	-	-	-	-	-
Slovak Republic	..	-	-	-	-	-	-	-	-
Slovenia	..	..	-	-	-	-	-	-	-
Spain	..	4 039	4 697	3 630	3 346	2 444	1 826	1 230	1 318
Sweden	..	-	-	-	-	-	-	-	-
Switzerland	..	-	-	-	-	-	-	-	-
Turkey	..	558	276	22	888	1 177	899	843	1 520
United Kingdom	..	-	-	-	-	-	-	-	-
OECD Europe[1]	..	**8 954**	**6 904**	**4 027**	**4 343**	**3 621**	**2 725**	**2 073**	**2 838**
IEA[1]	..	*168 052*	*268 297*	*424 229*	*507 962*	*522 647*	*443 364*	*448 230*	*430 601*
European Union - 28	..	..	*6 628*	*4 005*	*3 487*	*2 448*	*1 873*	*1 310*	*1 365*
G7	..	*150 794*	*242 857*	*395 390*	*456 360*	*491 397*	*416 056*	*423 201*	*403 571*
G8	..	..	*242 857*	*395 390*	*456 360*	*491 397*	*416 056*	*423 201*	*403 571*
G20	..	..	*277 377*	*474 233*	*594 291*	*688 983*	*680 708*	*690 993*	*681 107*
OPEC	..	-	-	-	-	-	-	-	-

Also includes small quantities of coal from other sources.
1. Please refer to section 'Geographical coverage'.

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Production of sub-bituminous coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**12 845**	**18 755**	**55 160**	**94 925**	**176 932**	**243 519**	**248 929**	**258 177**
Albania	..	-	-	-	-	-	-	-	-
Armenia	..	..	-	-	-	-	-	-	-
Azerbaijan	..	..	-	-	-	-	-	-	-
Belarus	..	..	-	-	-	-	-	-	-
Bosnia and Herzegovina	..	..	-	4 038	4 643	5 367	6 054	5 947	6 476
Bulgaria	..	-	-	-	-	-	-	-	-
Croatia	..	..	-	-	-	-	-	-	-
Cyprus[1]	..	-	-	-	-	-	-	-	-
FYR of Macedonia	..	..	-	-	-	-	-	-	-
Georgia	..	..	-	-	-	-	-	-	-
Gibraltar	..	-	-	-	-	-	-	-	-
Kazakhstan	..	..	-	-	-	-	-	-	-
Kosovo	..	..	..	-	-	-	-	-	-
Kyrgyzstan	..	..	-	-	-	-	-	-	-
Latvia	..	..	-	-	-	-	-	-	-
Lithuania	..	..	-	-	-	-	-	-	-
Malta	..	-	-	-	-	-	-	-	-
Moldova	..	..	-	-	-	-	-	-	-
Montenegro	..	..	..	..	-	-	-	-	-
Romania	..	-	-	-	32	4	47	80	47
Russian Federation	..	..	-	-	-	-	-	-	-
Serbia	..	..	-	88	24	-	-	-	-
Tajikistan	..	..	-	13	15	28	34	-	-
Turkmenistan	..	..	-	-	-	-	-	-	-
Ukraine	..	..	-	-	-	-	-	-	-
Uzbekistan	..	..	-	-	-	-	-	-	-
Former Soviet Union	..	-	x	x	x	x	x	x	x
Former Yugoslavia	..	-	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**-**	**-**	**4 139**	**4 714**	**5 399**	**6 135**	**6 027**	**6 523**
Algeria	..	-	-	-	-	-	-	-	-
Angola	..	-	-	-	-	-	-	-	-
Benin	..	-	-	-	-	-	-	-	-
Botswana	..	..	-	-	-	-	-	-	-
Cameroon	..	-	-	-	-	-	-	-	-
Congo	..	-	-	-	-	-	-	-	-
Côte d'Ivoire	..	-	-	-	-	-	-	-	-
Dem. Rep. of the Congo	..	-	-	-	-	-	-	-	-
Egypt	..	-	-	-	-	-	-	-	-
Eritrea	..	..	..	-	-	-	-	-	-
Ethiopia	..	-	-	-	-	-	-	-	-
Gabon	..	-	-	-	-	-	-	-	-
Ghana	..	-	-	-	-	-	-	-	-
Kenya	..	-	-	-	-	-	-	-	-
Libya	..	-	-	-	-	-	-	-	-
Mauritius	..	-	-	-	-	-	-	-	-
Morocco	..	-	-	-	-	-	-	-	-
Mozambique	..	-	-	-	-	-	-	-	-
Namibia	..	..	..	-	-	-	-	-	-
Niger	..	..	..	-	-	-	-	-	-
Nigeria	..	-	-	-	-	-	-	-	-
Senegal	..	-	-	-	-	-	-	-	-
South Africa	..	-	-	-	-	-	-	-	-
South Sudan	..	..	..	..	..	..	-	-	-
Sudan[1]	..	-	-	-	-	-	-	-	-
Tanzania	..	-	-	-	-	-	-	-	-
Togo	..	-	-	-	-	-	-	-	-
Tunisia	..	-	-	-	-	-	-	-	-
Zambia	..	-	-	-	-	-	-	-	-
Zimbabwe	..	-	-	-	-	-	-	-	-
Other Africa	..	-	-	-	-	-	-	-	-
Africa	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Also includes small quantities of coal from other sources.
1. Please refer to section 'Geographical coverage'.

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Production of sub-bituminous coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	-	-	-	-	-	-	-	-
Brunei Darussalam	..	-	-	-	-	-	-	-	-
Cambodia	..	..	..	-	-	-	-	-	-
DPR of Korea	..	10 000	10 660	7 243	7 746	6 662	3 342	3 741	3 975
India	..	-	-	-	-	-	-	-	-
Indonesia	..	152	5 069	38 507	76 361	155 025	222 124	227 201	236 221
Malaysia	..	-	-	-	-	-	-	-	-
Mongolia	..	..	-	-	-	-	-	-	-
Myanmar	..	-	-	-	-	-	-	-	-
Nepal	..	-	-	-	-	-	-	-	-
Pakistan	..	-	-	-	-	-	-	-	-
Philippines	..	326	1 229	1 354	2 880	6 650	7 091	7 600	7 091
Singapore	..	-	-	-	-	-	-	-	-
Sri Lanka	..	-	-	-	-	-	-	-	-
Chinese Taipei	..	-	-	-	-	-	-	-	-
Thailand	..	-	-	-	-	-	-	-	-
Viet Nam	..	-	-	-	-	-	-	-	-
Other Asia	..	-	-	-	-	-	-	-	-
Asia excluding China	..	10 478	16 958	47 104	86 987	168 337	232 557	238 542	247 287
People's Republic of China	..	..	..	..	..	..	..	..	..
Hong Kong, China	..	-	-	-	-	-	-	-	-
China	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Argentina	..	-	-	-	-	-	-	-	-
Bolivia	..	-	-	-	-	-	-	-	-
Brazil	..	2 367	1 797	3 917	3 224	3 196	4 827	4 360	4 367
Colombia	..	-	-	-	-	-	-	-	-
Costa Rica	..	-	-	-	-	-	-	-	-
Cuba	..	-	-	-	-	-	-	-	-
Curaçao[1]	..	-	-	-	-	-	-	-	-
Dominican Republic	..	-	-	-	-	-	-	-	-
Ecuador	..	-	-	-	-	-	-	-	-
El Salvador	..	-	-	-	-	-	-	-	-
Guatemala	..	-	-	-	-	-	-	-	-
Haiti	..	-	-	-	-	-	-	-	-
Honduras	..	-	-	-	-	-	-	-	-
Jamaica	..	-	-	-	-	-	-	-	-
Nicaragua	..	-	-	-	-	-	-	-	-
Panama	..	-	-	-	-	-	-	-	-
Paraguay	..	-	-	-	-	-	-	-	-
Peru	..	-	-	-	-	-	-	-	-
Suriname	..	..	..	-	-	-	-	-	-
Trinidad and Tobago	..	-	-	-	-	-	-	-	-
Uruguay	..	-	-	-	-	-	-	-	-
Venezuela	..	-	-	-	-	-	-	-	-
Other Non-OECD Americas	..	-	-	-	-	-	-	-	-
Non-OECD Americas	**..**	**2 367**	**1 797**	**3 917**	**3 224**	**3 196**	**4 827**	**4 360**	**4 367**
Bahrain	..	-	-	-	-	-	-	-	-
Islamic Republic of Iran	..	-	-	-	-	-	-	-	-
Iraq	..	-	-	-	-	-	-	-	-
Jordan	..	-	-	-	-	-	-	-	-
Kuwait	..	-	-	-	-	-	-	-	-
Lebanon	..	-	-	-	-	-	-	-	-
Oman	..	-	-	-	-	-	-	-	-
Qatar	..	-	-	-	-	-	-	-	-
Saudi Arabia	..	-	-	-	-	-	-	-	-
Syrian Arab Republic	..	-	-	-	-	-	-	-	-
United Arab Emirates	..	-	-	-	-	-	-	-	-
Yemen	..	-	-	-	-	-	-	-	-
Middle East	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Also includes small quantities of coal from other sources.
1. Please refer to section 'Geographical coverage'.

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Production of lignite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	..	**956 462**	**1 117 581**	**844 150**	**848 576**	**841 403**	**833 998**	**815 860**	**807 359**
Non-OECD Total	..	**274 628**	**331 982**	**253 368**	**252 674**	**274 804**	**275 513**	**265 693**	**276 175**
OECD Total[1]	..	**681 834**	**785 599**	**590 782**	**595 902**	**566 599**	**558 485**	**550 167**	**531 184**
Canada	..	5 971	9 407	11 190	11 017	10 264	8 969	8 100	10 487
Chile	..	40	-	-	-	-	-	-	-
Mexico	..	-	-	-	752	697	663	601	540
United States	..	42 783	79 914	77 619	76 151	70 970	70 061	72 109	64 119
OECD Americas	..	**48 794**	**89 321**	**88 809**	**87 920**	**81 931**	**79 693**	**80 810**	**75 146**
Australia	..	32 894	45 990	67 293	70 533	72 547	62 335	60 543	65 350
Israel	..	-	-	-	-	-	-	-	-
Japan	..	27	-	-	-	-	-	-	-
Korea	..	-	-	-	-	-	-	-	-
New Zealand	..	208	159	213	246	295	290	317	324
OECD Asia Oceania	..	**33 129**	**46 149**	**67 506**	**70 779**	**72 842**	**62 625**	**60 860**	**65 674**
Austria	..	2 865	2 448	1 249	-	-	-	-	-
Belgium	..	-	-	-	-	-	-	-	-
Czech Republic	..	89 086	78 983	50 307	48 772	43 774	40 385	38 177	38 103
Denmark	..	-	-	-	-	-	-	-	-
Estonia	..	..	-	-	-	-	-	-	-
Finland	..	-	-	-	-	-	-	-	-
France	..	2 560	2 333	296	-	-	-	-	-
Germany	..	389 726	357 468	167 691	177 907	169 403	182 696	178 178	178 065
Greece	..	23 198	51 896	63 887	69 398	56 520	53 924	50 845	46 246
Hungary	..	22 644	17 332	14 033	9 570	9 113	9 558	9 551	9 261
Iceland	..	-	-	-	-	-	-	-	-
Ireland	..	-	-	-	-	-	-	-	-
Italy	..	1 286	956	14	-	-	-	-	-
Luxembourg	..	-	-	-	-	-	-	-	-
Netherlands	..	-	-	-	-	-	-	-	-
Norway	..	-	-	-	-	-	-	-	-
Poland	..	36 866	67 584	59 484	61 636	56 510	65 849	63 877	63 128
Portugal	..	-	-	-	-	-	-	-	-
Slovak Republic	..	5 796	4 766	3 648	2 511	2 378	2 353	2 188	1 949
Slovenia	..	..	5 583	4 480	4 540	4 430	3 876	3 108	3 168
Spain	..	11 415	16 373	8 524	7 587	-	-	-	-
Sweden	..	-	-	-	-	-	-	-	-
Switzerland	..	-	-	-	-	-	-	-	-
Turkey	..	14 469	44 407	60 854	55 282	69 698	57 526	62 573	50 444
United Kingdom	..	-	-	-	-	-	-	-	-
OECD Europe[1]	..	**599 911**	**650 129**	**434 467**	**437 203**	**411 826**	**416 167**	**408 497**	**390 364**
IEA[1]	..	*681 794*	*780 016*	*586 302*	*590 610*	*561 472*	*553 946*	*546 458*	*527 476*
European Union - 28	..	..	*671 009*	*428 931*	*437 681*	*402 630*	*411 930*	*400 677*	*401 235*
G7	..	*442 353*	*450 078*	*256 810*	*265 075*	*250 637*	*261 726*	*258 387*	*252 671*
G8	..	..	*584 463*	*344 596*	*338 743*	*326 758*	*335 406*	*327 280*	*325 914*
G20	..	..	*1 001 347*	*760 650*	*757 815*	*742 755*	*733 080*	*725 188*	*712 205*
OPEC	..	-	-	-	-	-	-	-	-

Also includes small quantities of coal from other sources.
1. Please refer to section 'Geographical coverage'.

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Production of lignite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**274 628**	**331 982**	**253 368**	**252 674**	**274 804**	**275 513**	**265 693**	**276 175**
Albania	..	1 420	2 071	30	45	10	3	-	4
Armenia	..	..	-	-	-	-	-	-	-
Azerbaijan	..	..	-	-	-	-	-	-	-
Belarus	..	..	-	-	-	-	-	-	-
Bosnia and Herzegovina	..	..	19 670	3 401	4 476	5 618	5 711	5 704	6 110
Bulgaria	..	29 946	31 532	26 314	24 686	29 379	28 615	31 268	35 863
Croatia	..	..	18	-	-	-	-	-	-
Cyprus[1]	..	-	-	-	-	-	-	-	-
FYR of Macedonia	..	..	6 644	7 516	6 881	6 724	6 686	6 482	5 926
Georgia	..	..	529	7	5	105	404	299	353
Gibraltar	..	-	-	-	-	-	-	-	-
Kazakhstan	..	..	3 443	2 558	4 409	7 283	6 690	6 894	6 170
Kosovo	..	..	..	4 989	6 554	8 649	8 219	7 204	8 241
Kyrgyzstan	..	..	2 140	321	292	500	1 157	1 505	1 641
Latvia	..	..	-	-	-	-	-	-	-
Lithuania	..	..	-	-	-	-	-	-	-
Malta	..	-	-	-	-	-	-	-	-
Moldova	..	..	-	-	-	-	-	-	-
Montenegro	..	..	..	..	1 297	1 938	1 692	1 655	1 755
Romania	..	27 104	33 737	29 004	31 074	31 123	24 674	23 485	25 452
Russian Federation	..	..	134 385	87 786	73 668	76 121	73 680	68 893	73 243
Serbia	..	..	45 800	36 918	35 076	37 976	40 297	30 011	37 660
Tajikistan	..	..	450	-	-	-	-	56	57
Turkmenistan	..	..	-	-	-	-	-	-	-
Ukraine[2]	..	..	9 280	802	354	-	-	127	-
Uzbekistan	..	..	6 200	2 501	3 003	3 565	3 891	3 989	3 987
Former Soviet Union	..	163 000	x	x	x	x	x	x	x
Former Yugoslavia	..	40 913	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**262 383**	**295 899**	**202 147**	**191 820**	**208 991**	**201 719**	**187 572**	**206 462**
Algeria	..	-	-	-	-	-	-	-	-
Angola	..	-	-	-	-	-	-	-	-
Benin	..	-	-	-	-	-	-	-	-
Botswana	..	..	-	-	-	-	-	-	-
Cameroon	..	-	-	-	-	-	-	-	-
Congo	..	-	-	-	-	-	-	-	-
Côte d'Ivoire	..	-	-	-	-	-	-	-	-
Dem. Rep. of the Congo	..	-	-	-	-	-	-	-	-
Egypt	..	-	-	-	-	-	-	-	-
Eritrea	..	..	..	-	-	-	-	-	-
Ethiopia	..	-	-	-	-	-	-	-	-
Gabon	..	-	-	-	-	-	-	-	-
Ghana	..	-	-	-	-	-	-	-	-
Kenya	..	-	-	-	-	-	-	-	-
Libya	..	-	-	-	-	-	-	-	-
Mauritius	..	-	-	-	-	-	-	-	-
Morocco	..	-	-	-	-	-	-	-	-
Mozambique	..	-	-	-	-	-	-	-	-
Namibia	..	..	..	-	-	-	-	-	-
Niger	..	..	..	158	182	275	242	263	226
Nigeria	..	-	-	-	-	-	-	-	-
Senegal	..	-	-	-	-	-	-	-	-
South Africa	..	-	-	-	-	-	-	-	-
South Sudan	..	..	..	..	..	..	-	-	-
Sudan[1]	..	-	-	-	-	-	-	-	-
Tanzania	..	-	-	-	-	-	-	-	-
Togo	..	-	-	-	-	-	-	-	-
Tunisia	..	-	-	-	-	-	-	-	-
Zambia	..	-	-	-	-	-	-	-	-
Zimbabwe	..	-	-	-	-	-	-	-	-
Other Africa	..	-	-	-	-	-	-	-	-
Africa	**..**	**-**	**-**	**158**	**182**	**275**	**242**	**263**	**226**

Also includes small quantities of coal from other sources.
1. Please refer to section 'Geographical coverage'.
2. Peat includes lignite starting from 2007. See confidentiality issue in section 'Country notes and sources'.

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Production of lignite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	-	-	-	-	-	-	-	-
Brunei Darussalam	..	-	-	-	-	-	-	-	-
Cambodia	..	..	..	-	-	-	-	-	-
DPR of Korea	..	-	-	-	-	-	-	-	-
India	..	5 110	14 074	24 247	30 228	37 733	44 271	48 270	43 227
Indonesia	..	-	-	-	-	-	-	-	-
Malaysia	..	-	-	-	-	-	-	-	-
Mongolia	..	..	6 562	5 115	4 341	5 723	6 330	6 365	5 755
Myanmar	..	27	38	112	70	40	42	50	42
Nepal	..	-	-	-	-	-	-	-	-
Pakistan	..	471	824	928	2 010	1 101	1 163	1 168	1 209
Philippines	..	-	3	3	-	-	-	-	-
Singapore	..	-	-	-	-	-	-	-	-
Sri Lanka	..	-	-	-	-	-	-	-	-
Chinese Taipei	..	-	-	-	-	-	-	-	-
Thailand	..	1 525	12 421	17 708	20 878	18 344	17 591	18 042	15 151
Viet Nam	..	-	-	-	322	-	-	-	-
Other Asia	..	3 985	-	220	320	502	510	541	543
Asia excluding China	..	11 118	33 922	48 333	58 169	63 443	69 907	74 436	65 927
People's Republic of China	..	..	..	..	..	..	..	..	..
Hong Kong, China	..	-	-	-	-	-	-	-	-
China	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Argentina	..	-	-	-	-	-	-	-	-
Bolivia	..	-	-	-	-	-	-	-	-
Brazil	..	1 127	2 161	2 730	2 503	2 095	3 645	3 422	3 560
Colombia	..	-	-	-	-	-	-	-	-
Costa Rica	..	-	-	-	-	-	-	-	-
Cuba	..	-	-	-	-	-	-	-	-
Curaçao[1]	..	-	-	-	-	-	-	-	-
Dominican Republic	..	-	-	-	-	-	-	-	-
Ecuador	..	-	-	-	-	-	-	-	-
El Salvador	..	-	-	-	-	-	-	-	-
Guatemala	..	-	-	-	-	-	-	-	-
Haiti	..	-	-	-	-	-	-	-	-
Honduras	..	-	-	-	-	-	-	-	-
Jamaica	..	-	-	-	-	-	-	-	-
Nicaragua	..	-	-	-	-	-	-	-	-
Panama	..	-	-	-	-	-	-	-	-
Paraguay	..	-	-	-	-	-	-	-	-
Peru	..	-	-	-	-	-	-	-	-
Suriname	..	..	..	-	-	-	-	-	-
Trinidad and Tobago	..	-	-	-	-	-	-	-	-
Uruguay	..	-	-	-	-	-	-	-	-
Venezuela	..	-	-	-	-	-	-	-	-
Other Non-OECD Americas	..	-	-	-	-	-	-	-	-
Non-OECD Americas	**..**	**1 127**	**2 161**	**2 730**	**2 503**	**2 095**	**3 645**	**3 422**	**3 560**
Bahrain	..	-	-	-	-	-	-	-	-
Islamic Republic of Iran	..	-	-	-	-	-	-	-	-
Iraq	..	-	-	-	-	-	-	-	-
Jordan	..	-	-	-	-	-	-	-	-
Kuwait	..	-	-	-	-	-	-	-	-
Lebanon	..	-	-	-	-	-	-	-	-
Oman	..	-	-	-	-	-	-	-	-
Qatar	..	-	-	-	-	-	-	-	-
Saudi Arabia	..	-	-	-	-	-	-	-	-
Syrian Arab Republic	..	-	-	-	-	-	-	-	-
United Arab Emirates	..	-	-	-	-	-	-	-	-
Yemen	..	-	-	-	-	-	-	-	-
Middle East	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Also includes small quantities of coal from other sources.
1. Please refer to section 'Geographical coverage'.

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Production of crude oil, NGL and additives

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**2 868 565**	**3 105 831**	**3 170 102**	**3 620 247**	**3 956 393**	**3 980 639**	**4 117 499**	**4 203 611**	**4 330 579**
Non-OECD Total	**2 183 168**	**2 283 717**	**2 276 584**	**2 611 576**	**3 030 797**	**3 120 240**	**3 154 667**	**3 155 094**	**3 236 219**
OECD Total[1]	**685 397**	**822 114**	**893 518**	**1 008 671**	**925 596**	**860 399**	**962 832**	**1 048 517**	**1 094 360**
Canada	94 128	81 389	91 610	124 806	142 695	163 780	200 004	214 837	221 213
Chile	1 748	1 786	1 102	398	324	551	500	470	454
Mexico	27 182	113 350	150 776	169 263	187 632	144 718	141 077	136 086	126 542
United States	513 296	478 626	413 344	353 002	309 989	330 032	448 208	523 712	567 308
OECD Americas	**636 354**	**675 151**	**656 832**	**647 469**	**640 640**	**639 081**	**789 789**	**875 105**	**915 517**
Australia	19 182	20 564	27 493	32 076	24 355	24 236	18 939	18 098	17 349
Israel	6 005	20	13	4	2	4	64	64	64
Japan	717	451	526	598	703	650	515	485	449
Korea	-	-	-	670	533	697	604	782	667
New Zealand	161	338	1 899	1 870	1 054	2 619	1 779	1 989	2 062
OECD Asia Oceania	**26 065**	**21 373**	**29 931**	**35 218**	**26 647**	**28 206**	**21 901**	**21 418**	**20 591**
Austria	2 596	1 500	1 190	1 072	965	1 011	873	913	876
Belgium	-	-	-	-	-	-	-	-	-
Czech Republic	43	236	184	385	589	272	260	265	209
Denmark	68	298	5 994	17 780	18 517	12 157	8 683	8 131	7 690
Estonia	..	..	-	-	-	-	-	-	-
Finland	-	-	-	100	148	67	70	65	65
France	2 066	2 254	3 470	1 907	1 443	1 169	1 079	1 048	1 062
Germany	6 714	6 159	5 288	4 341	5 209	3 780	3 773	3 496	3 643
Greece	-	-	830	279	100	115	70	64	63
Hungary	2 033	2 517	2 299	1 663	1 414	1 076	871	832	832
Iceland	-	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	-	-
Italy	1 105	1 825	4 723	4 764	6 362	5 882	5 913	6 130	5 790
Luxembourg	-	-	-	-	-	-	-	-	-
Netherlands	1 556	1 568	3 976	2 568	2 467	1 587	1 684	2 032	1 931
Norway	1 595	24 277	82 088	160 990	133 016	99 648	83 452	85 267	87 025
Poland	392	335	178	711	899	739	963	951	929
Portugal	-	-	-	-	-	-	-	-	-
Slovak Republic	130	44	77	59	34	16	13	12	12
Slovenia	..	..	3	1	-	-	-	-	-
Spain	654	1 755	1 144	227	166	123	368	305	232
Sweden	-	25	3	-	-	-	-	-	-
Switzerland	-	-	-	-	-	-	-	-	-
Turkey	3 511	2 330	3 712	2 762	2 258	2 508	2 399	2 465	2 516
United Kingdom	515	80 467	91 596	126 375	84 722	62 962	40 671	40 018	45 377
OECD Europe[1]	**22 978**	**125 590**	**206 755**	**325 984**	**258 309**	**193 112**	**151 142**	**151 994**	**158 252**
IEA[1]	*650 462*	*706 958*	*741 624*	*839 005*	*737 638*	*715 126*	*821 191*	*911 897*	*967 300*
European Union - 28	..	..	*131 675*	*170 246*	*130 300*	*96 121*	*70 133*	*69 027*	*73 467*
G7	*618 541*	*651 171*	*610 557*	*615 793*	*551 123*	*568 255*	*700 163*	*789 726*	*844 842*
G8	..	..	*1 134 236*	*937 485*	*1 017 571*	*1 072 357*	*1 221 851*	*1 315 852*	*1 377 976*
G20	..	..	*1 989 478*	*1 987 137*	*2 173 320*	*2 164 063*	*2 371 514*	*2 478 187*	*2 571 809*
OPEC	*1 483 449*	*1 290 836*	*1 136 038*	*1 510 084*	*1 713 888*	*1 673 712*	*1 722 998*	*1 703 355*	*1 767 102*

Excludes synthetic fuels and biofuels production.
1. Please refer to section 'Geographical coverage'.

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Production of crude oil, NGL and additives

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**2 183 168**	**2 283 717**	**2 276 584**	**2 611 576**	**3 030 797**	**3 120 240**	**3 154 667**	**3 155 094**	**3 236 219**
Albania	2 107	2 000	1 162	314	418	744	1 207	1 368	1 425
Armenia	..	..	-	-	-	-	-	-	-
Azerbaijan	..	..	12 513	14 017	22 215	50 898	43 507	42 123	41 527
Belarus	..	..	2 044	1 851	1 785	1 700	1 645	1 645	1 584
Bosnia and Herzegovina	..	..	-	-	-	-	-	-	-
Bulgaria	190	275	60	46	30	23	28	26	26
Croatia	..	..	2 719	1 313	1 004	740	597	595	666
Cyprus[1]	-	-	-	-	-	-	-	-	-
FYR of Macedonia	..	..	-	-	-	-	-	-	-
Georgia	..	..	186	110	67	52	48	43	42
Gibraltar	-	-	-	-	-	-	-	-	-
Kazakhstan	..	..	25 820	35 281	62 238	80 961	83 108	82 259	81 041
Kosovo	..	..	..	-	-	-	-	-	-
Kyrgyzstan	..	..	158	77	78	83	84	82	82
Latvia	..	..	-	-	-	-	-	-	-
Lithuania	..	..	12	316	216	115	86	82	82
Malta	-	-	-	-	-	-	-	-	-
Moldova	..	..	-	-	5	11	10	8	8
Montenegro	..	..	..	..	-	-	-	-	-
Romania	14 287	11 511	7 929	6 339	6 015	4 287	4 131	4 062	3 982
Russian Federation	..	..	523 679	321 692	466 448	504 102	521 688	526 126	533 134
Serbia	..	..	1 063	978	649	893	1 211	1 152	1 091
Tajikistan	..	..	147	18	22	27	27	25	25
Turkmenistan	..	..	4 158	7 729	10 256	10 310	12 569	12 737	14 042
Ukraine	..	..	5 252	3 693	4 375	3 576	3 155	2 806	2 487
Uzbekistan	..	..	2 800	7 708	5 580	3 957	3 146	2 961	2 760
Former Soviet Union	429 100	603 200	x	x	x	x	x	x	x
Former Yugoslavia	3 332	4 229	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**449 016**	**621 215**	**589 702**	**401 482**	**581 401**	**662 479**	**676 247**	**678 100**	**684 004**
Algeria	51 118	52 677	57 850	68 002	86 130	74 428	65 230	69 123	69 196
Angola	8 154	7 428	23 337	36 825	62 446	88 415	86 455	84 104	89 259
Benin	-	-	206	-	-	-	-	-	-
Botswana	..	..	-	-	-	-	-	-	-
Cameroon	-	3 571	6 831	5 783	4 531	3 304	3 367	3 814	3 814
Congo	2 054	3 349	8 029	13 609	12 594	16 072	12 754	13 539	13 590
Côte d'Ivoire	-	74	91	364	2 044	1 972	1 254	950	985
Dem. Rep. of the Congo	-	908	1 451	1 169	1 269	1 108	1 129	1 061	1 015
Egypt	8 504	29 780	45 499	35 539	32 243	34 676	31 628	30 684	31 300
Eritrea	..	..	..	-	-	-	-	-	-
Ethiopia	-	-	-	-	-	-	-	-	-
Gabon	7 598	8 659	13 495	13 797	13 477	12 431	11 608	11 607	11 307
Ghana	-	-	-	-	12	195	5 267	5 328	5 278
Kenya	-	-	-	-	-	-	-	-	-
Libya	106 172	89 779	66 198	69 118	86 062	87 481	51 641	25 267	22 183
Mauritius	-	-	-	-	-	-	-	-	-
Morocco	42	14	15	13	7	10	8	5	5
Mozambique	-	-	-	-	21	30	49	59	59
Namibia	..	..	..	-	-	-	-	-	-
Niger	..	..	..	-	-	-	876	844	736
Nigeria	101 412	101 789	88 322	115 178	128 648	126 511	113 572	113 898	108 165
Senegal	-	-	1	-	-	-	-	-	-
South Africa	-	-	-	960	872	500	213	232	232
South Sudan	..	..	..	..	..	..	4 954	7 775	7 424
Sudan[1]	-	-	-	8 857	15 250	23 104	5 900	6 000	5 250
Tanzania	-	-	-	-	-	-	-	-	-
Togo	-	-	-	-	-	-	-	-	-
Tunisia	3 878	5 647	4 616	3 697	3 448	3 875	3 153	2 817	2 792
Zambia	-	-	-	-	-	-	-	-	-
Zimbabwe	-	-	-	-	-	-	-	-	-
Other Africa	-	-	-	5 857	26 807	20 346	20 097	20 400	20 400
Africa	**288 932**	**303 675**	**315 941**	**378 768**	**475 861**	**494 458**	**419 155**	**397 507**	**392 990**

Excludes synthetic fuels and biofuels production.
1. Please refer to section 'Geographical coverage'.

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Production of crude oil, NGL and additives

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	5	-	93	95	110	240	249	246	246
Brunei Darussalam	11 369	11 935	7 539	10 011	10 836	8 136	6 644	6 218	6 223
Cambodia	..	..	..	-	-	-	-	-	-
DPR of Korea	-	-	-	-	-	-	-	-	-
India	7 189	10 507	34 555	36 419	36 845	42 188	42 089	41 455	40 907
Indonesia	66 108	77 870	73 194	70 259	52 447	47 536	41 391	40 075	39 447
Malaysia	4 340	13 438	30 029	31 157	36 117	33 212	28 710	29 717	32 502
Mongolia	..	..	-	9	27	299	703	1 014	1 014
Myanmar	981	1 560	728	567	1 125	927	859	767	717
Nepal	-	-	-	-	-	-	-	-	-
Pakistan	419	483	2 721	2 997	3 561	3 487	4 511	4 306	4 240
Philippines	-	493	236	57	792	991	754	857	857
Singapore	-	-	-	-	-	-	-	-	-
Sri Lanka	-	-	-	-	-	-	-	-	-
Chinese Taipei	148	243	175	33	29	13	9	8	10
Thailand	6	14	2 751	7 684	12 502	16 858	18 515	18 038	18 917
Viet Nam	-	-	2 701	16 561	19 176	15 793	17 507	18 230	19 773
Other Asia	2	8	4 504	3 209	5 595	4 319	3 886	4 091	4 091
Asia excluding China	90 567	116 551	159 226	179 058	179 162	173 999	165 827	165 022	168 944
People's Republic of China	53 610	105 946	138 306	163 078	181 426	203 156	210 098	211 622	214 832
Hong Kong, China	-	-	-	-	-	-	-	-	-
China	**53 610**	**105 946**	**138 306**	**163 078**	**181 426**	**203 156**	**210 098**	**211 622**	**214 832**
Argentina	21 938	25 714	26 067	41 353	37 707	35 295	30 474	31 967	32 027
Bolivia	2 479	1 350	1 260	1 773	2 721	2 349	3 176	3 408	3 387
Brazil	8 432	9 281	32 724	64 097	85 095	107 445	107 864	120 215	129 346
Colombia	9 758	6 588	22 824	35 510	27 174	40 558	50 584	51 300	52 077
Costa Rica	-	-	-	-	-	-	-	-	-
Cuba	246	555	874	2 816	3 013	3 100	3 020	3 206	3 206
Curaçao[1]	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-	-	-	-	-	-
Ecuador	10 617	10 507	15 018	21 014	25 990	24 471	26 717	28 057	27 551
El Salvador	-	-	-	-	-	-	-	-	-
Guatemala	-	208	197	1 130	1 004	651	544	548	548
Haiti	-	-	-	-	-	-	-	-	-
Honduras	-	-	-	-	-	-	-	-	-
Jamaica	-	-	-	-	-	-	-	-	-
Nicaragua	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-	-	-	-	-
Paraguay	-	-	-	-	-	-	-	-	-
Peru	3 553	9 751	6 412	5 071	5 268	6 766	6 949	9 228	7 919
Suriname	..	..	..	603	600	794	819	840	798
Trinidad and Tobago	8 291	10 596	7 797	6 774	8 321	6 664	5 364	5 315	5 133
Uruguay	-	-	-	-	-	-	-	-	-
Venezuela	179 424	116 613	115 187	173 891	181 556	158 969	153 448	147 296	143 768
Other Non-OECD Americas	2	72	375	77	63	254	154	157	157
Non-OECD Americas	**244 740**	**191 235**	**228 735**	**354 109**	**378 512**	**387 316**	**389 113**	**401 537**	**405 917**
Bahrain	9 305	9 369	9 691	9 696	9 692	9 451	10 207	10 472	10 472
Islamic Republic of Iran	293 159	74 448	164 304	198 822	220 078	214 355	158 690	162 004	167 764
Iraq	99 542	131 346	104 443	129 286	93 644	117 270	147 681	153 637	174 815
Jordan	-	-	-	2	1	1	1	1	1
Kuwait	152 827	86 579	46 337	104 706	134 547	122 995	154 536	151 652	159 608
Lebanon	-	-	-	-	-	-	-	-	-
Oman	14 903	14 485	35 165	50 266	40 852	42 487	46 416	46 474	48 386
Qatar	27 502	23 005	21 532	36 549	47 829	67 961	75 095	73 995	72 352
Saudi Arabia	379 905	514 238	341 817	435 856	514 015	461 099	535 818	541 003	572 373
Syrian Arab Republic	5 543	9 198	20 630	27 681	21 004	20 117	2 677	1 395	1 150
United Arab Emirates	73 617	82 427	91 693	120 837	132 943	129 757	154 115	153 319	160 068
Yemen	-	-	9 062	21 380	19 830	13 339	8 991	7 354	2 543
Middle East	**1 056 303**	**945 095**	**844 674**	**1 135 081**	**1 234 435**	**1 198 832**	**1 294 227**	**1 301 306**	**1 369 532**

Excludes synthetic fuels and biofuels production.
1. Please refer to section 'Geographical coverage'.

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Production of natural gas

Unit: TJ-gross	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**46 113 575**	**57 713 291**	**78 565 226**	**96 056 169**	**110 309 786**	**126 332 075**	**135 454 957**	**136 264 391**	**138 479 391**
Non-OECD Total	**13 250 999**	**24 248 351**	**45 174 446**	**53 729 058**	**68 000 996**	**81 179 825**	**88 106 380**	**87 586 402**	**88 498 242**
OECD Total[1]	**32 862 576**	**33 464 940**	**33 390 780**	**42 327 111**	**42 308 790**	**45 152 250**	**47 348 577**	**48 677 989**	**49 981 149**
Canada	2 855 419	2 960 659	4 120 688	6 901 752	7 170 727	6 160 446	6 063 762	6 400 017	6 377 592
Chile	24 457	33 494	65 611	74 346	74 703	71 948	37 781	30 881	37 248
Mexico	490 563	1 002 752	1 058 653	1 553 098	1 789 100	1 980 921	1 883 374	1 733 745	1 626 858
United States	23 388 315	21 152 333	19 455 013	20 792 062	19 610 918	23 017 554	26 238 464	28 026 934	29 426 167
OECD Americas	**26 758 754**	**25 149 238**	**24 699 965**	**29 321 258**	**28 645 448**	**31 230 869**	**34 223 381**	**36 191 577**	**37 467 865**
Australia	157 311	347 366	797 340	1 327 693	1 458 614	2 069 199	2 425 770	2 461 826	2 593 879
Israel	2 097	6 077	1 316	365	61 044	124 306	244 788	288 144	317 687
Japan	106 475	90 146	89 204	106 340	134 611	149 324	128 830	120 336	120 569
Korea	-	-	-	-	20 495	22 579	19 328	13 425	7 854
New Zealand	13 147	36 930	180 122	235 212	150 167	179 342	187 169	204 030	188 928
OECD Asia Oceania	**279 030**	**480 519**	**1 067 982**	**1 669 610**	**1 824 931**	**2 544 750**	**3 005 885**	**3 087 761**	**3 228 917**
Austria	91 006	77 671	51 529	72 030	65 324	64 994	55 364	50 475	48 263
Belgium	1 913	1 532	450	96	-	-	-	-	-
Czech Republic	16 884	14 691	9 337	7 876	7 170	9 382	9 579	9 859	9 529
Denmark	17	19	128 852	344 785	436 520	341 583	199 194	192 944	191 742
Estonia	..	..	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	292 687	294 328	117 032	69 999	42 275	30 044	13 460	583	891
Germany	764 857	756 799	629 513	735 038	666 810	516 989	412 433	319 315	306 015
Greece	-	-	6 426	1 968	851	354	270	253	219
Hungary	187 345	236 805	177 314	115 143	108 422	103 967	71 840	66 863	63 687
Iceland	-	-	-	-	-	-	-	-	-
Ireland	-	34 315	87 127	44 581	21 434	10 425	6 751	5 711	4 989
Italy	587 010	477 425	652 664	633 716	459 905	320 268	294 704	272 377	257 975
Luxembourg	-	-	-	-	-	-	-	-	-
Netherlands	2 501 073	3 205 762	2 540 607	2 427 790	2 617 469	2 950 851	2 873 445	2 332 717	1 775 823
Norway	-	1 059 382	1 123 348	2 153 038	3 490 882	4 429 083	4 447 408	4 418 921	4 772 975
Poland	226 591	211 341	110 621	154 138	180 700	171 797	177 852	173 349	171 329
Portugal	-	-	-	-	-	-	-	-	-
Slovak Republic	18 006	7 952	15 734	6 182	5 876	4 108	4 856	3 900	3 620
Slovenia	..	..	940	281	160	279	120	120	120
Spain	59	-	59 228	6 883	6 694	2 074	2 318	968	2 519
Sweden	-	-	-	-	-	-	-	-	-
Switzerland	-	-	140	-	-	-	-	-	-
Turkey	-	-	8 120	24 474	34 355	26 134	20 592	18 357	15 038
United Kingdom	1 137 344	1 457 161	1 903 851	4 538 225	3 693 564	2 394 299	1 529 125	1 531 939	1 659 633
OECD Europe[1]	**5 824 792**	**7 835 183**	**7 622 833**	**11 336 243**	**11 838 411**	**11 376 631**	**10 119 311**	**9 398 651**	**9 284 367**
IEA[1]	*32 345 459*	*32 422 617*	*32 264 260*	*40 699 021*	*40 383 783*	*42 974 796*	*45 182 514*	*46 625 099*	*47 999 236*
European Union - 28	..	..	*7 632 889*	*9 732 564*	*8 869 132*	*7 428 129*	*6 132 385*	*5 443 727*	*4 978 710*
G7	*29 132 107*	*27 188 851*	*26 967 965*	*33 777 132*	*31 778 810*	*32 588 924*	*34 680 778*	*36 671 501*	*38 148 842*
G8	..	..	*51 010 521*	*55 675 910*	*55 775 783*	*57 717 040*	*60 884 499*	*60 754 413*	*62 534 803*
G20	..	..	*62 170 830*	*70 690 071*	*73 770 559*	*80 262 025*	*83 781 386*	*83 388 064*	*84 785 358*
OPEC	*1 675 447*	*2 648 084*	*6 137 965*	*11 669 942*	*16 081 618*	*22 176 768*	*25 062 075*	*25 922 956*	*26 839 400*

1. Please refer to section 'Geographical coverage'.

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Production of natural gas

Unit: TJ-gross	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**13 250 999**	**24 248 351**	**45 174 446**	**53 729 058**	**68 000 996**	**81 179 825**	**88 106 380**	**87 586 402**	**88 498 242**
Albania	7 413	14 997	9 453	419	419	538	678	1 155	1 335
Armenia	..	..	-	-	-	-	-	-	-
Azerbaijan	..	..	374 210	212 703	216 096	650 779	714 716	753 335	761 631
Belarus	..	..	11 197	9 926	8 806	8 226	8 806	8 574	8 690
Bosnia and Herzegovina	..	..	-	-	-	-	-	-	-
Bulgaria	7 810	6 806	525	573	17 884	2 749	10 879	7 419	7 427
Croatia	..	..	75 328	63 023	86 769	103 028	70 119	67 163	67 162
Cyprus[1]	-	-	-	-	-	-	-	-	-
FYR of Macedonia	..	..	-	-	-	-	-	-	-
Georgia	..	..	2 293	2 599	712	251	183	399	428
Gibraltar	-	-	-	-	-	-	-	-	-
Kazakhstan	..	..	268 198	354 597	736 343	1 144 686	1 428 235	1 454 817	1 530 466
Kosovo	..	..	..	-	-	-	-	-	-
Kyrgyzstan	..	..	3 114	1 256	979	890	1 288	1 249	1 249
Latvia	..	..	-	-	-	-	-	-	-
Lithuania	..	..	-	-	-	-	-	-	-
Malta	-	-	-	-	-	-	-	-	-
Moldova	..	..	-	-	-	-	4	3	-
Montenegro	..	..	..	..	-	-	-	-	-
Romania	1 130 968	1 454 955	1 065 811	510 237	451 305	400 938	400 076	407 772	407 767
Russian Federation	..	..	24 042 556	21 898 778	23 996 973	25 128 116	26 203 721	24 082 912	24 385 961
Serbia	..	..	24 548	29 003	10 631	14 342	19 676	20 639	20 632
Tajikistan	..	..	4 218	1 474	1 034	866	144	122	114
Turkmenistan	..	..	3 200 000	1 777 668	2 387 007	1 716 372	2 972 013	3 033 014	3 163 428
Ukraine	..	..	1 051 313	697 834	811 148	717 826	745 543	699 017	680 148
Uzbekistan	..	..	1 535 495	2 136 977	2 284 707	2 277 508	2 259 321	2 339 267	2 226 964
Former Soviet Union	9 092 601	16 733 244	x	x	x	x	x	x	x
Former Yugoslavia	61 724	81 048	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**10 300 516**	**18 291 050**	**31 668 259**	**27 697 067**	**31 010 813**	**32 167 115**	**34 835 402**	**32 876 857**	**33 263 402**
Algeria	169 250	534 266	1 807 498	3 249 534	3 517 401	3 348 004	3 205 532	3 266 332	3 256 516
Angola	2 536	3 001	20 520	21 660	24 700	28 120	35 340	28 120	25 308
Benin	-	-	-	-	-	-	-	-	-
Botswana	..	..	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	12 070	17 816	25 862	25 878
Congo	89	-	-	-	891	3 923	8 584	9 166	9 158
Côte d'Ivoire	-	-	-	58 938	58 219	61 712	76 205	76 838	76 915
Dem. Rep. of the Congo	-	-	-	-	-	-	-	-	-
Egypt	3 390	73 761	313 196	671 574	1 983 168	2 158 923	2 099 378	2 145 567	1 954 606
Eritrea	..	..	..	-	-	-	-	-	-
Ethiopia	-	-	-	-	-	-	-	-	-
Gabon	18 465	583	4 140	4 745	5 689	12 510	11 755	12 864	12 856
Ghana	-	-	-	-	-	-	-	-	-
Kenya	-	-	-	-	-	-	-	-	-
Libya	159 045	196 460	235 600	223 440	429 400	638 780	486 400	473 100	443 764
Mauritius	-	-	-	-	-	-	-	-	-
Morocco	2 721	2 582	2 014	1 768	1 570	2 090	3 852	3 935	3 929
Mozambique	-	-	-	39	86 886	124 783	149 163	161 552	164 791
Namibia	..	..	..	-	-	-	-	-	-
Niger	..	..	..	-	-	-	-	-	-
Nigeria	16 491	57 601	152 000	473 480	920 011	1 236 538	1 412 306	1 611 963	1 660 334
Senegal	-	-	259	26	665	995	1 726	1 807	1 809
South Africa	-	-	70 000	65 024	82 976	58 640	47 702	40 425	38 418
South Sudan	..	..	..	..	..	..	-	-	-
Sudan[1]	-	-	-	-	-	-	-	-	-
Tanzania	-	-	-	-	15 552	29 915	37 964	35 391	35 393
Togo	-	-	-	-	-	-	-	-	-
Tunisia	5 240	16 349	15 402	87 716	92 722	143 116	131 467	119 881	119 880
Zambia	-	-	-	-	-	-	-	-	-
Zimbabwe	-	-	-	-	-	-	-	-	-
Other Africa	37	42	6	57	45 057	256 120	248 900	234 080	234 080
Africa	**377 264**	**884 645**	**2 620 635**	**4 858 001**	**7 264 907**	**8 116 239**	**7 974 090**	**8 246 883**	**8 063 635**

1. Please refer to section 'Geographical coverage'.

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Production of natural gas

Unit: TJ-gross	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	24 322	48 567	173 388	343 356	502 870	773 579	881 997	904 663	960 022
Brunei Darussalam	71 433	416 072	369 588	440 350	465 183	477 733	474 775	461 001	485 876
Cambodia	..	..	..	-	-	-	-	-	-
DPR of Korea	-	-	-	-	-	-	-	-	-
India	29 352	58 627	491 746	1 073 167	1 206 639	1 998 711	1 350 882	1 278 543	1 235 052
Indonesia	15 456	696 282	1 960 177	2 845 363	3 050 791	3 480 020	3 104 946	3 055 983	2 952 107
Malaysia	4 642	104 437	720 455	1 979 891	2 575 834	2 372 939	2 706 600	2 737 051	2 698 761
Mongolia	..	..	-	-	-	-	-	-	-
Myanmar	3 976	13 289	35 359	240 807	479 082	473 191	483 794	594 533	630 189
Nepal	-	-	-	-	-	-	-	-	-
Pakistan	133 215	233 765	468 924	775 456	1 192 981	1 255 377	1 234 032	1 223 696	1 290 994
Philippines	-	-	-	407	125 654	141 915	135 296	142 290	135 153
Singapore	-	-	-	-	-	-	-	-	-
Sri Lanka	-	-	-	-	-	-	-	-	-
Chinese Taipei	56 701	73 799	48 602	27 829	20 400	11 037	12 764	12 706	12 520
Thailand	-	-	232 344	727 539	860 821	1 150 367	1 320 549	1 348 418	1 275 607
Viet Nam	-	-	126	52 083	278 548	377 925	396 443	415 104	434 231
Other Asia	102 207	102 687	11 379	9 536	10 270	236 738	272 016	290 191	290 206
Asia excluding China	441 304	1 747 525	4 512 088	8 515 784	10 769 073	12 749 532	12 374 094	12 464 179	12 400 718
People's Republic of China	233 032	556 538	595 644	1 058 923	1 920 077	3 729 239	4 705 201	5 067 142	5 214 107
Hong Kong, China	-	-	-	-	-	-	-	-	-
China	**233 032**	**556 538**	**595 644**	**1 058 923**	**1 920 077**	**3 729 239**	**4 705 201**	**5 067 142**	**5 214 107**
Argentina	267 382	397 651	791 577	1 596 643	1 857 345	1 645 453	1 507 070	1 512 840	1 553 703
Bolivia	78 598	99 588	128 604	187 112	477 270	574 209	810 573	856 197	853 643
Brazil	7 673	38 288	150 708	282 344	429 371	581 010	835 093	897 051	959 841
Colombia	65 840	111 379	156 984	253 864	284 720	438 454	441 211	460 779	439 568
Costa Rica	-	-	-	-	-	-	-	-	-
Cuba	520	639	1 209	21 217	27 470	39 636	39 396	44 345	44 348
Curaçao[1]	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	13 006	19 804	27 069	27 755	27 757
El Salvador	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
Haiti	-	-	-	-	-	-	-	-	-
Honduras	-	-	-	-	-	-	-	-	-
Jamaica	-	-	-	-	-	-	-	-	-
Nicaragua	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-	-	-	-	-
Paraguay	-	-	-	-	-	-	-	-	-
Peru	14 142	20 878	18 953	22 977	75 615	354 751	578 551	612 438	592 836
Suriname	..	..	..	-	-	-	-	-	-
Trinidad and Tobago	73 992	113 330	218 535	567 130	1 232 685	1 666 981	1 604 456	1 595 661	1 503 124
Uruguay	-	-	-	-	-	-	-	-	-
Venezuela	403 570	524 458	779 157	1 016 539	901 033	891 379	911 044	914 262	1 004 762
Other Non-OECD Americas	117	518	1 132	1 479	1 028	1 084	979	1 000	988
Non-OECD Americas	**911 834**	**1 306 729**	**2 246 859**	**3 949 305**	**5 299 543**	**6 212 761**	**6 755 442**	**6 922 328**	**6 980 570**
Bahrain	62 494	113 168	205 971	318 493	388 589	491 691	541 344	567 492	567 492
Islamic Republic of Iran	467 705	170 233	889 511	2 319 139	3 882 747	5 662 412	6 168 912	6 872 781	7 237 017
Iraq	45 980	48 678	151 240	119 700	69 160	194 889	265 434	256 790	284 544
Jordan	-	-	4 724	9 909	8 313	6 345	5 188	4 536	4 527
Kuwait	230 607	262 009	153 077	364 800	467 400	445 854	619 826	571 094	596 790
Lebanon	-	-	-	-	-	-	-	-	-
Oman	-	14 527	113 389	421 397	833 644	1 105 510	1 317 306	1 260 364	1 298 202
Qatar	60 040	132 374	258 557	1 013 434	1 854 515	4 991 505	6 758 673	6 623 756	6 789 352
Saudi Arabia	71 441	425 724	906 515	1 431 846	2 138 435	2 786 550	3 114 266	3 234 801	3 299 502
Syrian Arab Republic	-	1 871	63 687	214 890	229 970	337 038	199 810	184 730	170 216
United Arab Emirates	48 782	293 280	784 290	1 436 370	1 863 810	1 932 933	2 057 273	2 042 202	2 213 754
Yemen	-	-	-	-	-	250 212	414 119	390 467	114 414
Middle East	**987 049**	**1 461 864**	**3 530 961**	**7 649 978**	**11 736 583**	**18 204 939**	**21 462 151**	**22 009 013**	**22 575 810**

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Production of primary energy from biofuels and waste

Unit: TJ-net	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**26 836 016**	**31 054 734**	**38 043 002**	**42 996 659**	**47 379 270**	**54 135 230**	**58 187 643**	**59 172 820**	**3 406 694**
Non-OECD Total	**23 180 779**	**26 423 421**	**31 810 671**	**35 346 254**	**38 719 239**	**43 307 413**	**45 983 878**	**46 869 816**	**1 208 742**
OECD Total[1]	**3 655 237**	**4 631 313**	**6 232 331**	**7 650 405**	**8 660 031**	**10 827 817**	**12 203 765**	**12 303 004**	**12 406 316**
Canada	327 225	320 229	456 037	581 114	601 565	535 133	621 291	639 073	610 328
Chile	55 478	75 098	131 193	197 662	202 209	205 276	429 094	309 032	309 032
Mexico	259 963	287 967	358 132	374 343	371 988	339 871	374 930	365 907	362 279
United States	1 570 193	2 281 777	2 606 996	3 064 128	3 160 919	3 764 649	4 268 115	4 452 002	4 274 239
OECD Americas	**2 212 859**	**2 965 071**	**3 552 358**	**4 217 247**	**4 336 681**	**4 844 929**	**5 693 430**	**5 766 014**	**5 555 878**
Australia	147 710	151 286	165 875	210 842	213 634	219 099	212 176	212 923	237 604
Israel	127	107	127	183	183	897	625	821	821
Japan	-	-	189 418	197 438	229 631	390 208	451 648	467 110	477 906
Korea	-	-	29 619	56 605	88 673	145 027	196 817	234 229	245 797
New Zealand	-	21 743	31 569	46 635	53 885	49 856	47 886	48 142	48 429
OECD Asia Oceania	**147 837**	**173 136**	**416 608**	**511 703**	**586 006**	**805 087**	**909 152**	**963 225**	**1 010 557**
Austria	29 195	47 202	102 790	132 676	171 377	243 258	248 337	248 418	257 389
Belgium	361	2 403	31 596	38 994	55 559	116 104	127 095	118 460	113 530
Czech Republic	-	-	34 794	53 357	80 938	115 998	141 947	146 632	146 121
Denmark	14 840	26 939	47 723	70 664	97 746	118 269	102 800	98 363	100 281
Estonia	..	..	7 865	21 419	28 708	40 251	49 399	50 234	55 924
Finland	164 266	145 673	181 221	274 175	295 991	353 424	375 405	379 047	375 841
France	409 827	361 884	460 033	450 625	503 270	639 182	655 390	606 692	618 684
Germany	104 761	185 185	200 851	329 742	596 548	1 046 197	1 170 940	1 247 466	1 266 267
Greece	18 840	18 840	37 403	42 261	42 485	38 467	45 806	46 824	50 041
Hungary	24 656	22 088	29 319	31 737	47 935	77 164	80 753	80 532	83 762
Iceland	-	-	-	56	112	58	71	101	101
Ireland	-	-	4 511	5 908	9 024	13 684	15 083	16 801	16 650
Italy	10 207	34 198	35 552	72 677	246 072	426 336	493 127	466 025	479 377
Luxembourg	-	879	954	2 121	3 867	4 252	4 496	5 243	4 599
Netherlands	-	9 504	40 630	81 057	103 955	142 334	185 950	192 324	192 477
Norway	-	24 437	43 184	56 935	56 454	64 815	63 734	54 996	59 176
Poland	54 091	50 934	93 347	156 066	188 103	286 306	343 413	321 690	341 325
Portugal	26 749	30 075	103 699	115 980	124 222	141 348	136 670	137 952	127 406
Slovak Republic	7 719	7 586	7 286	17 642	21 125	40 662	46 928	48 771	47 897
Slovenia	..	..	9 917	19 187	20 482	29 133	29 283	26 540	28 017
Spain	544	11 149	170 295	172 937	214 047	264 346	291 442	303 153	328 579
Sweden	148 421	172 970	230 579	345 989	375 194	481 079	469 646	452 174	622 333
Switzerland	9 890	19 550	61 831	76 050	85 773	97 417	101 354	98 414	100 042
Turkey	270 174	321 610	301 722	272 732	224 298	190 908	149 538	146 022	136 221
United Kingdom	-	-	26 263	80 468	144 059	206 809	272 576	280 891	287 841
OECD Europe[1]	**1 294 541**	**1 493 106**	**2 263 365**	**2 921 455**	**3 737 344**	**5 177 801**	**5 601 183**	**5 573 765**	**5 839 881**
IEA[1]	*3 339 669*	*4 268 141*	*5 732 962*	*7 058 974*	*8 065 057*	*10 252 582*	*11 369 762*	*11 600 603*	*11 706 066*
European Union - 28	..	..	*1 965 770*	*2 776 492*	*3 696 324*	*5 206 970*	*5 691 675*	*5 691 972*	*559 815*
G7	*2 422 213*	*3 183 273*	*3 975 150*	*4 776 192*	*5 482 064*	*7 008 514*	*7 933 087*	*8 159 259*	*1 894 282*
G8	..	..	*4 485 193*	*5 069 641*	*5 773 117*	*7 299 780*	*8 237 553*	*8 455 038*	*1 894 282*
G20	*7 930*	*63 046*	*24 883 136*	*27 253 318*	*29 651 727*	*33 971 798*	*36 049 912*	*36 690 969*	*3 284 288*
OPEC	*1 576 735*	*1 869 923*	*2 456 113*	*3 215 765*	*3 768 744*	*4 463 278*	*4 933 392*	*4 941 290*	..

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Production of primary energy from biofuels and waste

Unit: TJ-net	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**23 180 779**	**26 423 421**	**31 810 671**	**35 346 254**	**38 719 239**	**43 307 413**	**45 983 878**	**46 869 816**	**1 208 742**
Albania	15 707	15 707	15 199	10 886	9 630	8 583	8 436	8 457	..
Armenia	..	..	628	513	346	354	356	1 419	..
Azerbaijan	..	..	707	795	1 047	3 768	6 368	6 411	..
Belarus	..	..	8 528	35 055	48 192	62 667	65 392	61 144	1 030
Bosnia and Herzegovina	..	..	6 838	7 520	7 609	7 541	7 507	73 996	..
Bulgaria	10 012	8 225	7 299	23 521	32 492	41 042	49 954	49 917	2 771
Croatia	..	..	36 173	41 974	52 398	57 188	63 597	60 364	1 288
Cyprus[1]	382	262	257	367	404	1 019	749	1 116	..
FYR of Macedonia	..	..	-	8 635	6 328	8 406	6 699	6 722	110
Georgia	..	..	19 560	27 014	14 615	15 034	20 144	19 470	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	4 800	3 069	480	2 110	2 762	920	..
Kosovo	..	..	..	6 824	6 967	9 844	10 394	10 438	..
Kyrgyzstan	..	..	210	150	150	156	140	130	..
Latvia	..	..	28 271	48 151	65 649	69 822	78 734	91 931	2 790
Lithuania	..	..	11 930	27 324	35 914	46 645	50 290	53 563	4 710
Malta	-	-	-	-	-	43	96	102	37
Moldova	..	..	2 602	2 464	2 951	7 160	11 247	12 322	..
Montenegro	..	..	..	..	8 550	9 567	7 369	7 457	..
Romania	57 319	40 010	25 212	119 473	138 760	166 608	161 769	160 747	4 370
Russian Federation	..	..	510 043	293 449	291 053	291 266	304 466	295 779	..
Serbia	..	..	48 944	36 400	37 800	43 781	47 045	46 767	..
Tajikistan	..	..	-	-	-	-	-	-	..
Turkmenistan	..	..	-	25	34	100	-	-	..
Ukraine	..	..	15 059	10 952	10 952	69 753	92 063	100 470	697
Uzbekistan	..	..	149	173	151	158	163	166	..
Former Soviet Union	815 545	770 616	x	x	x	x	x	x	x
Former Yugoslavia	37 372	30 085	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**936 337**	**864 905**	**742 409**	**704 734**	**772 472**	**922 615**	**995 740**	**1 069 808**	**17 803**
Algeria	274	329	440	2 242	2 989	2 169	918	251	..
Angola	135 265	150 794	180 978	221 877	249 288	277 138	294 005	299 635	..
Benin	43 662	50 736	65 497	60 512	70 017	86 048	93 395	95 892	..
Botswana	..	..	17 617	22 721	19 082	20 966	22 286	22 726	..
Cameroon	103 013	124 323	159 987	208 740	236 533	185 482	200 012	205 073	..
Congo	13 721	15 797	19 860	19 925	27 567	38 141	60 560	62 090	..
Côte d'Ivoire	73 019	93 270	133 005	176 867	300 370	322 130	412 702	423 367	..
Dem. Rep. of the Congo	246 090	302 312	418 675	553 553	659 493	780 140	1 071 134	1 102 612	..
Egypt	28 468	33 250	44 272	55 492	60 858	66 622	71 147	72 744	..
Eritrea	..	..	..	21 261	20 925	24 321	25 926	26 501	..
Ethiopia	595 598	676 429	922 449	1 275 389	1 470 486	1 685 238	1 824 087	1 870 422	188
Gabon	21 263	24 758	31 097	38 720	97 228	169 193	167 821	156 832	..
Ghana	96 000	119 402	163 300	162 908	133 057	134 271	148 799	151 939	..
Kenya	185 575	240 935	347 233	458 423	521 451	595 614	644 742	661 447	..
Libya	4 415	5 236	5 236	5 844	6 265	6 549	6 395	6 333	..
Mauritius	11 162	10 011	12 123	10 712	10 580	9 744	8 991	8 643	..
Morocco	28 474	33 373	41 540	50 954	90 848	63 230	58 161	57 189	..
Mozambique	246 171	248 619	232 825	268 745	295 033	336 692	366 401	376 770	..
Namibia	..	..	..	10 762	11 493	12 440	13 307	13 907	..
Niger	..	..	..	51 947	61 184	71 637	85 815	89 153	..
Nigeria	1 367 227	1 648 490	2 194 977	2 918 168	3 424 801	4 092 245	4 547 134	4 547 969	..
Senegal	35 124	37 088	40 072	48 729	49 900	84 614	72 518	74 870	..
South Africa	215 000	265 000	443 000	539 039	580 067	622 246	651 220	661 572	..
South Sudan	..	..	..	..	..	..	7 826	8 138	..
Sudan[1]	246 015	294 796	364 000	455 002	476 489	460 263	387 333	396 179	..
Tanzania	288 299	303 044	373 871	521 701	642 796	763 493	849 713	880 789	..
Togo	26 773	31 298	43 805	73 538	83 509	98 830	107 321	110 202	..
Tunisia	17 899	21 049	26 731	39 096	46 955	44 286	45 018	45 014	..
Zambia	96 299	122 945	168 855	218 926	248 122	290 325	318 208	327 893	..
Zimbabwe	132 901	153 414	197 970	234 128	252 224	280 134	298 182	306 610	1 152
Other Africa	849 305	1 003 066	1 556 410	1 740 911	1 940 700	2 181 262	2 294 991	2 360 889	..
Africa	**5 107 012**	**6 009 764**	**8 205 825**	**10 466 832**	**12 090 310**	**13 805 463**	**15 156 068**	**15 423 651**	**1 340**

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Production of primary energy from biofuels and waste

Unit: TJ-net	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	200 433	236 650	287 395	318 929	347 225	368 328	381 786	386 453	..
Brunei Darussalam	604	394	94	-	-	-	-	-	..
Cambodia	..	..	..	113 833	104 351	151 533	167 068	171 648	..
DPR of Korea	30 281	36 034	39 971	42 077	43 700	44 963	45 688	45 928	..
India	4 196 640	4 876 868	5 588 702	6 232 144	6 741 463	7 467 969	7 951 152	8 104 165	14 325
Indonesia	1 127 965	1 268 171	1 824 316	2 095 811	2 125 962	2 204 227	2 488 613	2 540 310	108 045
Malaysia	61 578	66 423	77 165	78 547	77 884	77 110	93 489	91 833	25 613
Mongolia	..	..	3 216	5 533	7 044	7 637	7 727	7 865	..
Myanmar	279 829	317 101	377 775	384 791	429 145	444 150	454 891	458 780	..
Nepal	157 042	183 640	227 193	292 625	332 010	359 788	388 666	393 758	..
Pakistan	474 496	587 419	785 890	1 004 964	1 114 774	1 236 084	1 317 128	1 345 122	..
Philippines	329 314	394 689	465 708	339 302	299 659	284 528	333 749	346 491	8 386
Singapore	-	-	2 936	8 460	16 508	24 590	26 916	27 064	..
Sri Lanka	116 707	129 050	164 184	187 263	193 554	211 618	201 566	205 624	..
Chinese Taipei	-	-	-	25 619	48 567	54 679	69 782	69 408	3 645
Thailand	331 320	445 853	615 090	611 095	718 502	945 045	1 031 045	1 072 930	59 643
Viet Nam	362 428	424 709	522 123	594 116	619 375	615 885	635 552	642 253	..
Other Asia	103 328	115 039	137 529	174 781	180 524	180 634	183 838	188 980	110
Asia excluding China	7 771 965	9 082 040	11 119 287	12 509 890	13 400 247	14 678 768	15 778 656	16 098 612	219 767
People's Republic of China	6 772 393	7 534 877	8 392 235	8 517 693	8 541 105	8 932 654	9 038 462	9 104 087	71 000
Hong Kong, China	1 368	1 621	1 817	2 084	2 130	4 004	4 479	7 861	3 864
China	**6 773 761**	**7 536 498**	**8 394 052**	**8 519 777**	**8 543 235**	**8 936 658**	**9 042 941**	**9 111 948**	**74 864**
Argentina	87 793	90 113	72 093	123 761	95 075	167 593	181 882	237 300	123 682
Bolivia	9 556	30 834	31 572	28 779	29 309	37 204	41 805	43 493	..
Brazil	1 533 331	1 694 953	1 977 361	1 915 643	2 687 840	3 489 974	3 463 448	3 530 657	749 945
Colombia	142 485	198 177	231 137	143 626	135 826	158 342	154 620	155 669	1 339
Costa Rica	11 270	13 166	16 375	10 385	26 759	33 564	28 244	27 555	..
Cuba	150 144	178 458	278 941	154 889	84 523	51 889	59 773	69 259	9 538
Curaçao[1]	-	-	-	-	-	-	-	-	..
Dominican Republic	48 659	53 554	38 326	33 572	33 656	34 472	33 887	33 757	..
Ecuador	43 834	41 086	39 801	31 185	28 048	25 567	31 086	33 326	322
El Salvador	53 985	58 967	49 855	56 192	60 362	32 584	23 733	24 158	..
Guatemala	84 643	98 495	127 064	162 911	166 925	263 053	316 582	322 075	..
Haiti	61 138	77 802	50 805	63 543	113 873	130 089	139 017	135 295	..
Honduras	43 054	52 235	62 732	55 656	71 302	82 208	94 541	94 596	..
Jamaica	10 152	8 943	19 977	24 246	16 510	18 686	20 207	20 202	..
Nicaragua	30 602	36 173	44 158	50 899	51 070	52 575	60 681	62 405	..
Panama	13 971	18 610	17 670	19 326	18 915	12 963	14 844	15 137	1 420
Paraguay	52 218	64 852	93 896	93 703	91 356	103 456	94 574	97 287	4 395
Peru	146 901	143 816	111 980	93 556	95 074	127 375	109 531	110 470	1 825
Suriname	..	..	..	1 793	1 026	1 152	1 275	1 229	..
Trinidad and Tobago	1 024	1 259	2 749	900	1 659	591	575	570	..
Uruguay	16 919	19 557	22 860	17 648	18 639	55 412	61 355	72 279	2 502
Venezuela	18 962	17 455	24 575	28 748	31 435	32 165	31 097	30 792	..
Other Non-OECD Americas	17 785	17 987	17 458	17 363	17 022	15 633	14 648	14 730	..
Non-OECD Americas	**2 578 426**	**2 916 492**	**3 331 385**	**3 128 324**	**3 876 204**	**4 926 547**	**4 977 405**	**5 132 241**	**894 968**
Bahrain	-	-	-	-	-	-	-	-	..
Islamic Republic of Iran	6 151	5 769	9 118	6 408	24 450	25 889	21 138	21 450	..
Iraq	567	733	967	1 293	1 468	1 663	1 807	1 856	..
Jordan	39	29	59	98	170	233	206	209	..
Kuwait	40	31	21	-	-	-	-	-	..
Lebanon	4 239	4 376	4 181	5 448	6 716	5 015	4 988	4 988	..
Oman	-	-	-	-	-	-	-	-	..
Qatar	-	-	-	-	-	-	-	-	..
Saudi Arabia	-	-	-	-	-	-	-	-	..
Syrian Arab Republic	142	264	127	210	233	266	280	285	..
United Arab Emirates	-	-	-	-	-	-	-	-	..
Yemen	2 100	2 520	3 240	3 240	3 734	4 296	4 649	4 768	..
Middle East	**13 278**	**13 722**	**17 713**	**16 697**	**36 771**	**37 362**	**33 068**	**33 556**	**..**

Data become available in different years for different countries.
Liquid biofuels is converted from kt to TJ using the corresponding net calorific values.
1. Please refer to section 'Geographical coverage'.

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Production of charcoal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**19 909**	**26 477**	**37 185**	**40 116**	**48 375**	**51 636**	**57 206**	**57 787**	**..**
Non-OECD Total	**19 909**	**26 477**	**36 855**	**39 754**	**48 071**	**51 320**	**56 872**	**57 635**	**..**
OECD Total[1]	**-**	**-**	**330**	**362**	**304**	**316**	**334**	**152**	**154**
Canada	-	-	-	-	-	-	-	-	-
Chile	-	-	249	253	251	248	247	72	72
Mexico	-	-	-	-	-	-	-	-	-
United States	-	-	-	-	-	-	-	-	-
OECD Americas	**-**	**-**	**249**	**253**	**251**	**248**	**247**	**72**	**72**
Australia	-	-	-	-	-	-	-	-	-
Israel	-	-	-	-	-	-	-	-	-
Japan	-	-	35	25	18	14	12	12	11
Korea	-	-	-	-	-	-	-	-	-
New Zealand	-	-	-	-	-	-	-	-	-
OECD Asia Oceania	**-**	**-**	**35**	**25**	**18**	**14**	**12**	**12**	**11**
Austria	-	-	-	-	1	1	1	1	1
Belgium	-	-	-	-	-	-	-	-	-
Czech Republic	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Estonia	..	..	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	1	2	1	1
Hungary	-	-	-	-	-	-	-	-	-
Iceland	-	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	-	-
Italy	-	-	41	78	28	10	10	10	10
Luxembourg	-	-	-	-	-	-	-	-	-
Netherlands	-	-	5	6	6	6	6	-	-
Norway	-	-	-	-	-	-	-	-	-
Poland	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	20	20	23
Slovak Republic	-	-	-	-	-	-	-	-	-
Slovenia	..	..	-	-	-	-	-	-	-
Spain	-	-	-	-	-	36	36	36	36
Sweden	-	-	-	-	-	-	-	-	-
Switzerland	-	-	-	-	-	-	-	-	-
Turkey	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
OECD Europe[1]	**-**	**-**	**46**	**84**	**35**	**54**	**75**	**68**	**71**
IEA[1]	-	-	*81*	*109*	*53*	*68*	*87*	*80*	*82*
European Union - 28	..	..	*47*	*87*	*46*	*86*	*98*	*97*	..
G7	-	-	*76*	*103*	*46*	*24*	*22*	*22*	..
G8	..	..	*76*	*103*	*46*	*24*	*22*	*22*	..
G20	..	..	*15 310*	*12 970*	*15 717*	*13 332*	*12 691*	*12 510*	..
OPEC	*978*	*1 129*	*1 122*	*2 109*	*3 122*	*4 138*	*4 919*	*5 041*	..

1. Please refer to section 'Geographical coverage'.

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Production of charcoal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**19 909**	**26 477**	**36 855**	**39 754**	**48 071**	**51 320**	**56 872**	**57 635**	**..**
Albania	-	-	-	-	-	-	-	-	..
Armenia	..	..	-	-	-	-	-	-	..
Azerbaijan	..	..	-	-	-	-	5	6	..
Belarus	..	..	-	2	1	4	4	3	..
Bosnia and Herzegovina	..	..	-	-	-	-	-	88	..
Bulgaria	-	-	-	-	-	17	5	6	..
Croatia	..	..	-	-	-	4	6	8	..
Cyprus[1]	1	1	1	3	2	1	1	1	..
FYR of Macedonia	..	..	-	-	-	-	-	-	..
Georgia	..	..	-	-	-	-	-	-	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	-	-	-	-	-	-	..
Kosovo	..	..	..	-	-	-	-	-	..
Kyrgyzstan	..	..	-	-	-	-	-	-	..
Latvia	..	..	-	-	8	9	10	13	..
Lithuania	..	..	-	-	1	1	1	1	..
Malta	-	-	-	-	-	-	-	-	..
Moldova	..	..	-	-	-	-	1	1	..
Montenegro	..	..	..	..	-	-	1	1	..
Romania	-	-	-	-	-	-	-	-	..
Russian Federation	..	..	-	-	-	-	-	-	..
Serbia	..	..	-	-	-	-	11	12	..
Tajikistan	..	..	-	-	-	-	-	-	..
Turkmenistan	..	..	-	-	-	-	-	-	..
Ukraine	..	..	32	8	26	121	133	144	..
Uzbekistan	..	..	-	-	-	-	-	-	..
Former Soviet Union	-	-	x	x	x	x	x	x	x
Former Yugoslavia	-	-	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**1**	**1**	**33**	**13**	**38**	**157**	**178**	**284**	**..**
Algeria	-	-	-	-	-	-	-	-	..
Angola	492	549	659	851	967	1 076	1 142	1 164	..
Benin	97	113	146	174	204	245	266	273	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	50	61	78	99	105	214	230	236	..
Congo	53	61	77	137	165	185	200	206	..
Côte d'Ivoire	295	377	537	714	1 005	1 061	1 402	1 437	..
Dem. Rep. of the Congo	121	149	207	518	615	728	3 677	3 803	..
Egypt	-	-	-	-	-	-	-	-	..
Eritrea	..	..	..	76	114	135	144	147	..
Ethiopia	1 951	2 215	3 021	4 178	4 818	5 508	5 949	6 100	..
Gabon	-	-	-	-	-	-	-	-	..
Ghana	162	248	390	704	815	935	1 059	1 154	..
Kenya	984	1 278	1 842	2 441	2 777	3 168	3 433	3 525	..
Libya	-	-	-	-	-	-	-	-	..
Mauritius	3	3	3	-	1	1	1	1	..
Morocco	9	10	13	15	16	17	17	17	..
Mozambique	321	324	304	373	414	455	715	714	..
Namibia	..	..	..	72	102	151	135	145	..
Niger	..	..	..	28	33	39	47	48	..
Nigeria	428	516	403	1 218	2 120	3 029	3 743	3 844	..
Senegal	274	289	313	329	342	546	482	497	..
South Africa	41	292	1 234	1 470	1 582	1 697	1 776	1 804	..
South Sudan	..	..	..	..	..	..	11	11	..
Sudan[1]	1 337	1 602	1 978	2 275	2 054	1 863	1 561	1 596	..
Tanzania	354	372	459	950	1 449	1 706	1 877	1 937	..
Togo	128	149	206	449	509	601	652	670	..
Tunisia	72	84	105	165	206	191	204	208	..
Zambia	345	439	604	797	883	987	1 058	1 083	..
Zimbabwe	12	12	14	14	14	9	9	9	..
Other Africa	201	284	1 075	2 034	3 053	3 760	4 410	4 536	..
Africa	**7 730**	**9 427**	**13 668**	**20 081**	**24 363**	**28 307**	**34 200**	**35 165**	**..**

1. Please refer to section 'Geographical coverage'.

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Production of charcoal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	-	-	70	102	111	117	122	123	..
Brunei Darussalam	-	-	-	-	-	-	-	-	..
Cambodia	..	..	..	504	486	785	880	895	..
DPR of Korea	109	102	103	141	150	157	161	162	..
India	1 673	1 905	2 303	2 708	2 946	3 093	3 165	3 187	..
Indonesia	745	835	1 381	676	706	672	664	733	..
Malaysia	245	289	375	454	439	417	402	397	..
Mongolia	..	..	11	22	28	30	30	31	..
Myanmar	403	456	424	110	63	27	28	28	..
Nepal	-	-	-	7	10	10	12	13	..
Pakistan	88	109	146	217	242	268	286	292	..
Philippines	1 022	1 250	1 650	1 075	1 130	1 187	1 772	1 854	..
Singapore	-	-	-	-	-	-	-	-	..
Sri Lanka	-	-	9	49	42	50	30	30	..
Chinese Taipei	-	-	-	-	-	-	-	-	..
Thailand	2 370	3 029	4 767	3 311	3 916	4 793	4 548	4 306	..
Viet Nam	279	327	404	521	553	583	601	608	..
Other Asia	33	38	41	75	98	112	139	142	..
Asia excluding China	6 967	8 340	11 684	9 972	10 920	12 301	12 840	12 801	..
People's Republic of China	-	-	-	-	-	-	-	-	..
Hong Kong, China	-	-	-	-	-	-	-	-	..
China	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**..**
Argentina	308	371	294	291	526	391	361	376	..
Bolivia	7	19	14	27	16	24	24	24	..
Brazil	3 832	7 190	10 016	7 713	9 893	7 379	6 615	6 301	..
Colombia	128	84	100	620	477	481	246	256	..
Costa Rica	4	4	4	5	1	1	1	2	..
Cuba	77	66	71	62	67	68	56	62	..
Curaçao[1]	-	-	-	-	-	-	-	-	..
Dominican Republic	153	186	139	85	85	98	103	100	..
Ecuador	-	-	-	-	-	-	-	-	..
El Salvador	3	2	16	17	19	8	8	37	..
Guatemala	66	21	27	29	30	64	69	71	..
Haiti	241	346	266	238	965	1 155	1 294	1 296	..
Honduras	6	7	8	-	-	-	1	-	..
Jamaica	17	18	78	195	211	176	185	182	..
Nicaragua	13	18	25	25	14	18	18	19	..
Panama	1	1	3	6	5	2	2	1	..
Paraguay	66	87	210	170	234	480	461	454	..
Peru	191	177	65	87	84	77	68	62	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	1	1	2	2	2	2	2	2	..
Uruguay	1	1	4	1	-	-	-	-	..
Venezuela	10	10	10	10	10	9	8	7	..
Other Non-OECD Americas	5	5	8	12	15	17	19	19	..
Non-OECD Americas	**5 130**	**8 614**	**11 360**	**9 595**	**12 654**	**10 450**	**9 541**	**9 271**	**..**
Bahrain	-	-	-	-	-	-	-	-	..
Islamic Republic of Iran	40	45	37	12	5	1	1	1	..
Iraq	8	9	13	18	20	23	25	25	..
Jordan	-	-	-	-	-	-	-	-	..
Kuwait	-	-	-	-	-	-	-	-	..
Lebanon	-	-	8	11	11	11	11	10	..
Oman	-	-	-	-	-	-	-	-	..
Qatar	-	-	-	-	-	-	-	-	..
Saudi Arabia	-	-	-	-	-	-	-	-	..
Syrian Arab Republic	-	2	1	1	1	1	1	1	..
United Arab Emirates	-	-	-	-	-	-	-	-	..
Yemen	33	39	51	51	59	69	75	77	..
Middle East	**81**	**95**	**110**	**93**	**96**	**105**	**113**	**114**	**..**

1. Please refer to section 'Geographical coverage'.

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Production of electricity from fossil fuels

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**4 606 272**	**4 935 026**	**7 535 817**	**10 009 229**	**12 218 880**	**14 474 190**	**15 758 233**	**15 885 302**	**..**
Non-OECD Total	**1 255 039**	**1 049 485**	**2 935 068**	**4 037 042**	**5 657 489**	**7 840 180**	**9 237 138**	**9 515 387**	**..**
OECD Total[1]	**3 351 233**	**3 885 541**	**4 600 749**	**5 972 187**	**6 561 391**	**6 634 010**	**6 521 095**	**6 369 915**	**6 265 447**
Canada	60 173	82 798	108 342	165 750	160 055	139 016	138 198	134 047	112 803
Chile	3 120	3 775	8 481	20 621	24 204	36 026	46 841	43 070	43 070
Mexico	20 750	49 161	84 296	156 722	201 853	223 863	245 841	238 849	249 124
United States	1 608 210	1 876 547	2 211 966	2 882 270	3 078 075	3 060 149	2 907 720	2 913 787	2 885 913
OECD Americas	**1 692 253**	**2 012 281**	**2 413 085**	**3 225 363**	**3 464 187**	**3 459 054**	**3 338 600**	**3 329 753**	**3 290 910**
Australia	52 662	81 907	139 389	192 274	208 244	230 893	216 511	211 256	214 585
Israel	8 720	12 404	20 895	42 630	48 563	58 389	60 751	59 892	63 828
Japan	388 633	400 748	572 081	666 757	729 452	728 346	916 662	886 090	828 722
Korea	13 541	31 778	46 122	175 437	236 937	341 395	389 095	379 353	370 939
New Zealand	2 972	1 743	6 384	11 118	15 286	11 982	11 101	9 060	8 743
OECD Asia Oceania	**466 528**	**528 580**	**784 871**	**1 088 216**	**1 238 482**	**1 371 005**	**1 594 120**	**1 545 651**	**1 486 817**
Austria	11 964	12 551	16 607	16 292	23 155	22 328	13 444	10 922	13 757
Belgium	40 252	39 964	26 574	32 804	35 082	37 781	26 238	23 911	25 620
Czech Republic	40 093	6 157	48 525	57 031	54 063	51 393	46 044	45 408	46 905
Denmark	19 096	26 724	25 134	29 886	25 618	25 686	18 061	13 477	10 584
Estonia	..	..	17 181	8 495	10 094	11 920	11 995	10 984	8 789
Finland	15 587	23 509	19 146	23 855	23 419	33 157	21 389	17 569	14 873
France	119 278	125 823	47 118	49 539	61 699	55 596	44 055	26 558	33 994
Germany	344 101	386 245	372 498	361 442	383 747	372 549	374 946	352 840	348 388
Greece	12 594	19 248	33 004	49 118	52 921	46 716	42 680	38 066	33 834
Hungary	17 542	23 764	14 493	20 713	19 980	18 438	12 000	10 412	11 016
Iceland	87	47	6	5	5	2	5	3	4
Ireland	6 704	9 728	13 532	22 488	23 753	24 779	20 114	19 585	20 460
Italy	99 406	132 062	178 190	217 762	245 805	218 886	172 850	154 324	167 840
Luxembourg	1 347	790	520	215	3 108	2 917	1 420	1 452	834
Netherlands	51 519	59 582	67 237	81 277	86 789	102 386	84 841	85 848	90 746
Norway	162	137	88	292	530	5 001	2 640	2 786	2 779
Poland	82 157	118 183	132 740	140 765	151 167	146 073	146 810	138 473	141 349
Portugal	2 267	6 871	18 503	30 247	37 623	25 008	20 764	20 143	26 641
Slovak Republic	10 745	13 187	11 581	9 657	8 905	6 886	6 348	5 277	4 923
Slovenia	..	..	4 872	4 959	5 652	5 844	5 392	4 175	4 801
Spain	40 147	74 128	70 776	123 614	184 198	137 736	112 631	106 689	121 183
Sweden	15 678	10 181	3 285	4 531	3 890	7 326	2 593	1 707	3 517
Switzerland	2 604	851	756	1 084	1 084	1 096	815	563	512
Turkey	9 625	11 791	34 315	93 714	122 120	155 371	170 641	198 985	175 922
United Kingdom	249 497	243 157	246 112	278 823	294 315	289 076	229 659	204 354	178 449
OECD Europe[1]	**1 192 452**	**1 344 680**	**1 402 793**	**1 658 608**	**1 858 722**	**1 803 951**	**1 588 375**	**1 494 511**	**1 487 720**
IEA[1]	*3 318 556*	*3 820 154*	*4 482 199*	*5 747 250*	*6 281 114*	*6 309 886*	*6 162 265*	*6 023 926*	*5 904 620*
European Union - 28	*..*	*..*	*1 467 204*	*1 628 673*	*1 807 110*	*1 715 828*	*1 478 951*	*1 356 180*	*..*
G7	*2 869 298*	*3 247 380*	*3 736 307*	*4 622 343*	*4 953 148*	*4 863 618*	*4 784 090*	*4 672 000*	*..*
G8	*..*	*..*	*4 534 111*	*5 201 415*	*5 579 117*	*5 559 553*	*5 484 646*	*5 374 495*	*..*
G20	*..*	*..*	*6 486 301*	*8 642 311*	*10 450 450*	*12 228 588*	*13 286 671*	*13 332 850*	*..*
OPEC	*35 399*	*105 498*	*243 032*	*432 437*	*587 483*	*837 599*	*958 321*	*1 030 116*	*..*

Excludes electricity production from waste.
1. Please refer to section 'Geographical coverage'.

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Production of electricity from fossil fuels

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**1 255 039**	**1 049 485**	**2 935 068**	**4 037 042**	**5 657 489**	**7 840 180**	**9 237 138**	**9 515 387**	**..**
Albania	575	765	448	184	70	1	-	-	..
Armenia	..	..	8 807	2 692	1 828	1 438	3 173	3 289	..
Azerbaijan	..	..	21 494	17 165	19 863	15 263	21 729	23 249	..
Belarus	..	..	39 506	26 074	30 924	34 742	31 197	34 437	..
Bosnia and Herzegovina	..	..	11 574	5 335	6 604	9 098	10 215	10 225	..
Bulgaria	19 386	7 835	25 598	19 780	20 960	24 966	21 957	23 658	..
Croatia	..	..	4 934	4 809	5 997	5 498	4 672	3 499	..
Cyprus[1]	830	1 034	1 974	3 370	4 376	5 249	3 963	4 033	..
FYR of Macedonia	..	..	5 267	5 641	5 453	4 829	4 501	4 082	..
Georgia	..	..	6 147	1 564	1 031	757	1 788	2 036	..
Gibraltar	49	54	79	125	145	177	189	198	..
Kazakhstan	..	..	80 013	43 793	59 991	74 624	95 349	96 791	..
Kosovo	..	..	..	2 905	4 346	5 011	6 382	5 285	..
Kyrgyzstan	..	..	5 746	2 106	2 103	992	914	1 274	..
Latvia	..	..	2 152	1 313	1 492	2 992	2 675	2 337	..
Lithuania	..	..	10 920	2 271	3 418	3 833	2 425	1 911	..
Malta	365	527	1 100	1 917	2 240	2 113	2 216	2 170	..
Moldova	..	..	15 964	5 229	5 613	5 706	4 178	5 019	..
Montenegro	..	..	..	..	998	1 272	1 441	1 422	..
Romania	39 232	33 634	52 898	31 700	33 644	28 696	26 769	26 398	..
Russian Federation	..	..	797 804	579 072	625 969	695 935	700 556	702 495	..
Serbia	..	..	31 477	22 140	24 442	25 532	29 001	22 411	..
Tajikistan	..	..	1 646	222	123	35	44	472	..
Turkmenistan	..	..	13 910	9 845	12 820	16 660	18 870	20 400	..
Ukraine	..	..	211 933	82 648	84 756	86 041	95 386	83 415	..
Uzbekistan	..	..	49 677	40 985	40 570	40 854	42 640	43 570	..
Former Soviet Union	757 500	602 232	x	x	x	x	x	x	x
Former Yugoslavia	18 668	5 987	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**836 605**	**652 068**	**1 401 068**	**912 885**	**999 776**	**1 092 314**	**1 132 230**	**1 124 076**	**..**
Algeria	2 054	6 866	15 969	25 358	33 360	45 560	59 560	63 988	..
Angola	170	80	116	533	567	1 746	3 449	4 439	..
Benin	9	10	21	82	106	149	172	183	..
Botswana	..	..	906	1 140	1 052	450	1 906	2 362	..
Cameroon	50	88	41	38	232	1 580	1 876	1 782	..
Congo	46	55	3	1	78	355	738	788	..
Côte d'Ivoire	628	397	661	3 036	4 134	4 278	5 976	6 303	..
Dem. Rep. of the Congo	80	202	25	3	7	86	9	11	..
Egypt	2 950	9 138	32 324	64 309	95 494	132 046	153 581	156 206	..
Eritrea	..	..	..	209	287	309	361	368	..
Ethiopia	258	205	140	23	12	31	8	9	..
Gabon	160	270	270	505	754	1 016	1 320	1 560	..
Ghana	38	41	-	614	1 159	3 171	4 635	4 572	..
Kenya	385	430	231	2 124	1 645	2 287	2 726	1 714	..
Libya	1 147	4 800	10 169	15 496	22 672	32 558	37 913	37 731	..
Mauritius	89	245	537	1 251	1 704	2 035	2 293	2 338	..
Morocco	1 683	2 710	8 408	12 081	18 105	19 545	23 663	25 185	..
Mozambique	450	80	170	44	21	19	349	1 569	..
Namibia	..	..	..	11	4	58	59	13	..
Niger	..	..	..	341	385	492	675	686	..
Nigeria	767	4 386	9 076	9 099	15 771	19 747	23 557	25 044	..
Senegal	404	636	901	1 444	2 081	2 657	3 126	3 273	..
South Africa	63 405	34	155 926	193 419	229 153	242 116	237 349	232 209	..
South Sudan	..	..	..	..	..	..	470	486	..
Sudan[1]	183	245	557	1 386	2 565	1 297	1 969	2 463	..
Tanzania	286	108	79	337	1 777	2 548	4 188	3 589	..
Togo	63	13	63	75	113	82	17	17	..
Tunisia	1 106	2 900	5 765	10 509	12 474	15 707	17 740	18 254	..
Zambia	271	43	62	48	53	13	19	410	..
Zimbabwe	1 685	-	4 993	3 801	4 459	2 772	4 408	4 448	..
Other Africa	1 897	1 964	3 102	4 595	6 354	8 671	9 703	10 119	..
Africa	**80 264**	**35 946**	**250 515**	**351 912**	**456 578**	**543 381**	**603 815**	**612 119**	**..**

Excludes electricity production from waste.

1. Please refer to section 'Geographical coverage'.

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Production of electricity from fossil fuels

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	1 073	1 770	6 848	15 022	25 698	40 061	52 086	55 108	..
Brunei Darussalam	246	343	1 172	2 543	3 264	3 792	4 400	4 504	..
Cambodia	..	..	..	447	905	945	748	1 190	..
DPR of Korea	7 100	427	12 100	9 200	9 780	8 264	4 432	4 909	..
India	41 421	9 389	214 903	475 360	579 318	795 637	957 452	1 052 145	..
Indonesia	1 340	6 157	25 834	78 434	110 178	142 842	188 975	202 401	..
Malaysia	3 665	8 653	19 027	62 289	77 481	117 304	126 472	133 153	..
Mongolia	..	..	3 348	2 946	3 419	4 313	4 935	5 206	..
Myanmar	245	662	1 285	3 226	3 019	2 438	3 424	5 328	..
Nepal	23	14	1	27	16	3	10	1	..
Pakistan	3 718	6 228	20 455	48 925	60 283	59 153	66 716	68 390	..
Philippines	11 311	12 229	14 368	25 865	38 259	49 920	55 363	57 452	..
Singapore	3 719	6 991	15 544	31 175	37 257	44 182	46 595	47 929	..
Sri Lanka	323	189	5	3 796	5 853	5 064	4 824	7 576	..
Chinese Taipei	17 336	25 532	49 148	135 786	176 187	193 461	196 601	204 463	..
Thailand	5 091	11 743	39 200	89 440	124 867	150 573	156 310	157 860	..
Viet Nam	1 930	650	3 312	12 010	36 661	67 248	72 954	82 223	..
Other Asia	3 582	4 843	3 810	5 566	7 855	7 432	7 980	8 464	..
Asia excluding China	102 123	95 820	430 360	1 002 057	1 300 300	1 692 632	1 950 277	2 098 302	..
People's Republic of China	130 689	84 181	494 480	1 113 413	2 042 927	3 332 673	4 209 233	4 239 237	..
Hong Kong, China	6 799	12 634	28 938	31 331	38 451	38 294	39 063	39 803	..
China	**137 488**	**96 815**	**523 418**	**1 144 744**	**2 081 378**	**3 370 967**	**4 248 296**	**4 279 040**	**..**
Argentina	23 610	21 330	25 476	53 251	63 252	82 285	89 070	90 956	..
Bolivia	187	524	1 099	1 881	2 876	4 476	5 470	6 303	..
Brazil	6 086	6 073	10 017	30 243	41 232	63 878	117 338	143 252	..
Colombia	3 688	4 385	8 586	10 555	9 982	16 567	18 060	18 006	..
Costa Rica	209	96	86	59	271	641	1 196	1 043	..
Cuba	4 927	8 938	13 484	13 999	14 854	16 833	18 307	18 588	..
Curaçao[1]	775	850	790	1 113	1 216	1 291	872	859	..
Dominican Republic	1 641	2 625	3 324	11 607	10 225	13 421	15 156	16 111	..
Ecuador	821	2 500	1 362	3 003	5 689	10 634	11 865	12 354	..
El Salvador	425	22	151	1 416	2 014	2 092	2 481	2 508	..
Guatemala	632	1 666	183	2 920	4 227	3 215	3 257	3 367	..
Haiti	26	82	123	264	291	410	914	943	..
Honduras	127	124	40	1 391	3 757	3 537	4 299	4 515	..
Jamaica	1 883	1 274	2 272	6 286	7 148	3 988	3 600	3 721	..
Nicaragua	299	473	563	1 848	1 995	2 305	1 984	2 049	..
Panama	1 075	826	392	1 445	2 080	3 167	3 769	4 105	..
Paraguay	36	67	7	-	-	1	3	6	..
Peru	1 661	2 936	3 203	3 587	7 071	15 174	19 974	21 765	..
Suriname	..	..	..	136	718	514	875	821	..
Trinidad and Tobago	1 076	2 009	3 546	5 439	7 036	8 485	9 505	9 891	..
Uruguay	986	1 112	376	502	960	1 361	2 230	1 182	..
Venezuela	10 220	21 216	22 338	22 385	28 155	36 985	39 615	40 538	..
Other Non-OECD Americas	14 162	16 706	20 625	30 631	34 844	34 461	34 311	34 279	..
Non-OECD Americas	**74 552**	**95 834**	**118 043**	**203 961**	**249 893**	**325 721**	**404 151**	**437 162**	**..**
Bahrain	500	1 660	7 989	13 859	19 373	23 824	25 916	27 253	..
Islamic Republic of Iran	9 251	16 760	53 019	117 682	161 917	223 260	242 909	255 870	..
Iraq	3 229	10 693	21 400	31 289	24 400	44 141	53 665	64 837	..
Jordan	315	1 070	3 626	7 333	9 589	14 704	17 199	18 154	..
Kuwait	3 651	9 023	18 477	32 323	43 734	57 029	60 982	65 140	..
Lebanon	1 313	1 902	1 000	9 198	11 292	14 873	16 218	17 759	..
Oman	47	818	4 501	9 111	12 663	19 819	26 240	29 128	..
Qatar	420	2 416	4 818	9 134	14 396	28 144	34 668	38 692	..
Saudi Arabia	2 949	20 452	69 208	126 191	176 124	240 067	284 016	311 805	..
Syrian Arab Republic	1 406	1 399	8 883	21 986	30 610	43 821	21 933	18 726	..
United Arab Emirates	720	6 306	17 080	39 944	60 698	97 728	106 122	109 678	..
Yemen	206	503	1 663	3 433	4 768	7 755	8 501	7 646	..
Middle East	**24 007**	**73 002**	**211 664**	**421 483**	**569 564**	**815 165**	**898 369**	**964 688**	**..**

Excludes electricity production from waste.
1. Please refer to section 'Geographical coverage'.

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Production of nuclear electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**203 196**	**713 375**	**2 012 902**	**2 590 623**	**2 767 952**	**2 756 288**	**2 479 106**	**2 535 326**	**..**
Non-OECD Total	**14 700**	**92 707**	**283 449**	**341 486**	**416 352**	**467 917**	**516 745**	**554 673**	**..**
OECD Total[1]	**188 496**	**620 668**	**1 729 453**	**2 249 137**	**2 351 600**	**2 288 371**	**1 962 361**	**1 980 653**	**1 973 266**
Canada	15 254	38 032	72 967	72 799	92 040	90 658	103 439	107 678	104 277
Chile	-	-	-	-	-	-	-	-	-
Mexico	-	-	2 937	8 221	10 805	5 879	11 800	9 677	11 577
United States	89 167	266 183	611 589	797 718	810 726	838 931	822 004	830 584	830 352
OECD Americas	**104 421**	**304 215**	**687 493**	**878 738**	**913 571**	**935 468**	**937 243**	**947 939**	**946 206**
Australia	-	-	-	-	-	-	-	-	-
Israel	-	-	-	-	-	-	-	-	-
Japan	9 707	82 591	202 272	322 049	304 755	288 230	9 303	-	9 437
Korea	-	3 477	52 887	108 964	146 779	148 596	138 784	156 407	164 762
New Zealand	-	-	-	-	-	-	-	-	-
OECD Asia Oceania	**9 707**	**86 068**	**255 159**	**431 013**	**451 534**	**436 826**	**148 087**	**156 407**	**174 199**
Austria	-	-	-	-	-	-	-	-	-
Belgium	76	12 549	42 722	48 157	47 595	47 944	42 644	33 703	26 103
Czech Republic	-	-	12 585	13 590	24 728	27 998	30 745	30 325	26 841
Denmark	-	-	-	-	-	-	-	-	-
Estonia	..	..	-	-	-	-	-	-	-
Finland	-	7 022	19 216	22 479	23 271	22 800	23 606	23 580	23 253
France	14 741	61 251	314 081	415 162	451 529	428 521	423 685	436 474	437 428
Germany	12 106	55 589	152 468	169 606	163 055	140 556	97 290	97 129	91 786
Greece	-	-	-	-	-	-	-	-	-
Hungary	-	-	13 731	14 180	13 834	15 761	15 370	15 649	15 834
Iceland	-	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	-	-
Italy	3 142	2 208	-	-	-	-	-	-	-
Luxembourg	-	-	-	-	-	-	-	-	-
Netherlands	1 108	4 200	3 502	3 926	3 997	3 969	2 891	4 091	3 862
Norway	-	-	-	-	-	-	-	-	-
Poland	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Slovak Republic	232	4 523	12 036	16 494	17 727	14 574	15 720	15 499	15 146
Slovenia	..	..	4 622	4 761	5 884	5 657	5 300	6 370	5 648
Spain	6 545	5 186	54 268	62 206	57 539	61 990	56 726	57 305	57 277
Sweden	2 111	26 488	68 185	57 316	72 377	57 828	66 457	64 877	56 249
Switzerland	6 310	14 346	23 636	26 446	23 341	26 339	25 990	27 557	23 089
Turkey	-	-	-	-	-	-	-	-	-
United Kingdom	27 997	37 023	65 749	85 063	81 618	62 140	70 607	63 748	70 345
OECD Europe[1]	**74 368**	**230 385**	**786 801**	**939 386**	**986 495**	**916 077**	**877 031**	**876 307**	**852 861**
IEA[1]	*188 496*	*620 668*	*1 721 894*	*2 236 155*	*2 334 911*	*2 276 835*	*1 945 261*	*1 964 606*	*1 956 041*
European Union - 28	*..*	*..*	*794 863*	*944 993*	*997 699*	*916 610*	*876 830*	*876 293*	*..*
G7	*172 114*	*542 877*	*1 419 126*	*1 862 397*	*1 903 723*	*1 849 036*	*1 526 328*	*1 535 613*	*..*
G8	*..*	*..*	*1 537 431*	*1 993 112*	*2 053 169*	*2 019 451*	*1 698 836*	*1 716 370*	*..*
G20	*..*	*..*	*1 879 928*	*2 444 331*	*2 610 683*	*2 593 258*	*2 316 272*	*2 364 964*	*..*
OPEC	*-*	*-*	*-*	*-*	*-*	*-*	*4 546*	*4 472*	*..*

1. Please refer to section 'Geographical coverage'.

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Production of nuclear electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**14 700**	**92 707**	**283 449**	**341 486**	**416 352**	**467 917**	**516 745**	**554 673**	**..**
Albania	-	-	-	-	-	-	-	-	..
Armenia	..	..	-	2 005	2 716	2 490	2 360	2 465	..
Azerbaijan	..	..	-	-	-	-	-	-	..
Belarus	..	..	-	-	-	-	-	-	..
Bosnia and Herzegovina	..	..	-	-	-	-	-	-	..
Bulgaria	-	6 165	14 665	18 178	18 653	15 249	14 171	15 867	..
Croatia	..	..	-	-	-	-	-	-	..
Cyprus[1]	-	-	-	-	-	-	-	-	..
FYR of Macedonia	..	..	-	-	-	-	-	-	..
Georgia	..	..	-	-	-	-	-	-	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	-	-	-	-	-	-	..
Kosovo	..	..	..	-	-	-	-	-	..
Kyrgyzstan	..	..	-	-	-	-	-	-	..
Latvia	..	..	-	-	-	-	-	-	..
Lithuania	..	..	17 033	8 419	10 337	-	-	-	..
Malta	-	-	-	-	-	-	-	-	..
Moldova	..	..	-	-	-	-	-	-	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	-	-	-	5 456	5 555	11 623	11 618	11 676	..
Russian Federation	..	..	118 305	130 715	149 446	170 415	172 508	180 757	..
Serbia	..	..	-	-	-	-	-	-	..
Tajikistan	..	..	-	-	-	-	-	-	..
Turkmenistan	..	..	-	-	-	-	-	-	..
Ukraine	..	..	76 179	77 341	88 756	89 152	83 209	88 389	..
Uzbekistan	..	..	-	-	-	-	-	-	..
Former Soviet Union	12 000	73 000	x	x	x	x	x	x	x
Former Yugoslavia	-	-	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**12 000**	**79 165**	**226 182**	**242 114**	**275 463**	**288 929**	**283 866**	**299 154**	**..**
Algeria	-	-	-	-	-	-	-	-	..
Angola	-	-	-	-	-	-	-	-	..
Benin	-	-	-	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	-	-	-	-	-	-	-	-	..
Congo	-	-	-	-	-	-	-	-	..
Côte d'Ivoire	-	-	-	-	-	-	-	-	..
Dem. Rep. of the Congo	-	-	-	-	-	-	-	-	..
Egypt	-	-	-	-	-	-	-	-	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	-	-	-	-	-	-	-	-	..
Gabon	-	-	-	-	-	-	-	-	..
Ghana	-	-	-	-	-	-	-	-	..
Kenya	-	-	-	-	-	-	-	-	..
Libya	-	-	-	-	-	-	-	-	..
Mauritius	-	-	-	-	-	-	-	-	..
Morocco	-	-	-	-	-	-	-	-	..
Mozambique	-	-	-	-	-	-	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	-	-	-	-	-	-	-	-	..
Senegal	-	-	-	-	-	-	-	-	..
South Africa	-	-	8 449	13 010	11 293	12 099	14 106	13 794	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	-	-	-	-	-	-	-	-	..
Tanzania	-	-	-	-	-	-	-	-	..
Togo	-	-	-	-	-	-	-	-	..
Tunisia	-	-	-	-	-	-	-	-	..
Zambia	-	-	-	-	-	-	-	-	..
Zimbabwe	-	-	-	-	-	-	-	-	..
Other Africa	-	-	-	-	-	-	-	-	..
Africa	**-**	**-**	**8 449**	**13 010**	**11 293**	**12 099**	**14 106**	**13 794**	**..**

1. Please refer to section 'Geographical coverage'.

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Production of nuclear electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	-	-	-	-	-	-	-	-	..
Brunei Darussalam	-	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	-	-	-	-	-	-	-	-	..
India	2 396	3 001	6 141	16 902	17 324	26 266	34 228	36 102	..
Indonesia	-	-	-	-	-	-	-	-	..
Malaysia	-	-	-	-	-	-	-	-	..
Mongolia	..	..	-	-	-	-	-	-	..
Myanmar	-	-	-	-	-	-	-	-	..
Nepal	-	-	-	-	-	-	-	-	..
Pakistan	304	2	293	1 997	2 484	3 420	5 090	5 090	..
Philippines	-	-	-	-	-	-	-	-	..
Singapore	-	-	-	-	-	-	-	-	..
Sri Lanka	-	-	-	-	-	-	-	-	..
Chinese Taipei	-	8 199	32 866	38 503	39 972	41 629	41 639	42 389	..
Thailand	-	-	-	-	-	-	-	-	..
Viet Nam	-	-	-	-	-	-	-	-	..
Other Asia	-	-	-	-	-	-	-	-	..
Asia excluding China	2 700	11 202	39 300	57 402	59 780	71 315	80 957	83 581	..
People's Republic of China	-	-	-	16 737	53 088	73 880	111 613	132 538	..
Hong Kong, China	-	-	-	-	-	-	-	-	..
China	**-**	**-**	**-**	**16 737**	**53 088**	**73 880**	**111 613**	**132 538**	**..**
Argentina	-	2 340	7 281	6 177	6 873	7 171	6 207	5 756	..
Bolivia	-	-	-	-	-	-	-	-	..
Brazil	-	-	2 237	6 046	9 855	14 523	15 450	15 378	..
Colombia	-	-	-	-	-	-	-	-	..
Costa Rica	-	-	-	-	-	-	-	-	..
Cuba	-	-	-	-	-	-	-	-	..
Curaçao[1]	-	-	-	-	-	-	-	-	..
Dominican Republic	-	-	-	-	-	-	-	-	..
Ecuador	-	-	-	-	-	-	-	-	..
El Salvador	-	-	-	-	-	-	-	-	..
Guatemala	-	-	-	-	-	-	-	-	..
Haiti	-	-	-	-	-	-	-	-	..
Honduras	-	-	-	-	-	-	-	-	..
Jamaica	-	-	-	-	-	-	-	-	..
Nicaragua	-	-	-	-	-	-	-	-	..
Panama	-	-	-	-	-	-	-	-	..
Paraguay	-	-	-	-	-	-	-	-	..
Peru	-	-	-	-	-	-	-	-	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	-	-	-	-	-	-	-	-	..
Uruguay	-	-	-	-	-	-	-	-	..
Venezuela	-	-	-	-	-	-	-	-	..
Other Non-OECD Americas	-	-	-	-	-	-	-	-	..
Non-OECD Americas	**-**	**2 340**	**9 518**	**12 223**	**16 728**	**21 694**	**21 657**	**21 134**	**..**
Bahrain	-	-	-	-	-	-	-	-	..
Islamic Republic of Iran	-	-	-	-	-	-	4 546	4 472	..
Iraq	-	-	-	-	-	-	-	-	..
Jordan	-	-	-	-	-	-	-	-	..
Kuwait	-	-	-	-	-	-	-	-	..
Lebanon	-	-	-	-	-	-	-	-	..
Oman	-	-	-	-	-	-	-	-	..
Qatar	-	-	-	-	-	-	-	-	..
Saudi Arabia	-	-	-	-	-	-	-	-	..
Syrian Arab Republic	-	-	-	-	-	-	-	-	..
United Arab Emirates	-	-	-	-	-	-	-	-	..
Yemen	-	-	-	-	-	-	-	-	..
Middle East	**-**	**-**	**-**	**-**	**-**	**-**	**4 546**	**4 472**	**..**

1. Please refer to section 'Geographical coverage'.

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Production of hydro electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**1 295 858**	**1 732 586**	**2 192 101**	**2 699 992**	**3 018 568**	**3 531 105**	**3 882 794**	**3 982 509**	**..**
Non-OECD Total	**364 706**	**624 315**	**967 328**	**1 289 154**	**1 646 089**	**2 111 652**	**2 407 214**	**2 519 206**	**..**
OECD Total[1]	**931 152**	**1 108 271**	**1 224 773**	**1 410 838**	**1 372 479**	**1 419 453**	**1 475 580**	**1 463 303**	**1 436 059**
Canada	194 771	251 249	296 848	358 620	362 031	351 461	391 861	382 574	379 378
Chile	5 595	7 871	8 928	18 516	26 483	21 717	19 737	23 099	23 099
Mexico	16 189	16 886	23 478	33 133	27 659	37 131	28 002	38 893	30 839
United States	265 384	278 781	288 960	279 986	297 926	286 333	290 113	281 527	273 274
OECD Americas	**481 939**	**554 787**	**618 214**	**690 255**	**714 099**	**696 642**	**729 713**	**726 093**	**706 590**
Australia	11 800	13 781	14 880	16 720	15 612	13 549	18 270	18 421	13 860
Israel	-	-	3	31	28	31	28	13	13
Japan	71 678	92 092	95 835	96 817	86 350	90 682	84 923	86 942	91 187
Korea	1 284	1 984	6 361	5 610	5 189	6 472	8 394	7 820	5 931
New Zealand	14 316	18 928	23 183	24 433	23 325	24 716	23 044	24 336	24 526
OECD Asia Oceania	**99 078**	**126 785**	**140 262**	**143 611**	**130 504**	**135 450**	**134 659**	**137 532**	**135 517**
Austria	19 159	29 090	32 507	43 219	39 020	41 558	45 777	44 828	40 557
Belgium	623	829	897	1 699	1 604	1 668	1 723	1 507	1 396
Czech Republic	1 081	2 399	1 449	2 313	3 027	3 380	3 639	2 961	2 071
Denmark	24	30	28	30	23	21	13	15	18
Estonia	..	..	-	5	22	27	26	27	27
Finland	10 515	10 216	10 859	14 660	13 784	12 922	12 838	13 397	16 762
France	47 708	70 187	57 418	71 133	56 332	67 525	75 867	68 626	59 884
Germany	16 784	20 307	19 791	25 962	26 417	27 353	28 782	25 444	24 897
Greece	2 223	3 405	1 997	4 111	5 610	7 485	6 384	4 607	5 600
Hungary	101	112	178	178	202	188	213	302	234
Iceland	2 207	3 087	4 204	6 356	7 019	12 592	12 863	12 873	13 781
Ireland	644	1 155	983	1 150	975	776	944	988	1 095
Italy	39 125	47 511	35 079	50 899	42 927	54 406	54 672	60 256	45 263
Luxembourg	839	290	823	871	878	1 468	1 158	1 169	1 529
Netherlands	-	-	85	142	88	105	114	112	93
Norway	72 893	83 962	121 382	142 289	136 452	117 152	128 699	136 636	139 014
Poland	1 850	3 279	3 313	4 116	3 778	3 488	2 997	2 734	2 435
Portugal	7 354	8 072	9 303	11 715	5 118	16 547	14 868	16 412	9 759
Slovak Republic	1 322	2 366	2 515	4 975	4 741	5 649	5 166	4 462	4 260
Slovenia	..	..	2 950	3 834	3 461	4 703	4 923	6 366	4 090
Spain	29 524	30 807	26 184	31 807	23 025	45 511	41 052	42 970	31 157
Sweden	59 892	59 247	73 033	78 619	72 874	66 501	61 496	63 872	74 482
Switzerland	29 110	33 877	30 982	38 230	33 086	37 825	39 968	39 701	39 881
Turkey	2 603	11 348	23 148	30 879	39 561	51 796	59 420	40 645	66 903
United Kingdom	4 554	5 123	7 189	7 780	7 852	6 715	7 606	8 768	8 764
OECD Europe[1]	**350 135**	**426 699**	**466 297**	**576 972**	**527 876**	**587 361**	**611 208**	**599 678**	**593 952**
IEA[1]	*907 161*	*1 080 427*	*1 185 210*	*1 348 968*	*1 307 829*	*1 343 279*	*1 410 027*	*1 382 059*	*1 364 237*
European Union - 28	*..*	*..*	*308 897*	*386 881*	*347 982*	*407 979*	*403 069*	*406 473*	*..*
G7	*640 004*	*765 250*	*801 120*	*891 197*	*879 835*	*884 475*	*933 824*	*914 137*	*..*
G8	*..*	*..*	*967 037*	*1 056 572*	*1 054 439*	*1 052 872*	*1 116 478*	*1 091 278*	*..*
G20	*..*	*..*	*1 656 108*	*2 018 091*	*2 248 485*	*2 718 772*	*2 981 831*	*3 070 433*	*..*
OPEC	*13 216*	*25 404*	*55 900*	*81 350*	*116 754*	*109 960*	*124 346*	*126 086*	*..*

Includes electricity from hydro pumped storage.
1. Please refer to section 'Geographical coverage'.

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Production of hydro electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**364 706**	**624 315**	**967 328**	**1 289 154**	**1 646 089**	**2 111 652**	**2 407 214**	**2 519 206**	**..**
Albania	1 127	2 950	2 848	4 594	5 373	7 567	6 959	4 724	..
Armenia	..	..	1 555	1 261	1 773	2 556	2 173	1 992	..
Azerbaijan	..	..	1 658	1 534	3 009	3 446	1 489	1 300	..
Belarus	..	..	20	27	36	45	138	121	..
Bosnia and Herzegovina	..	..	3 058	5 094	5 998	8 026	7 236	5 935	..
Bulgaria	2 570	3 713	1 878	2 951	4 730	5 693	4 795	5 163	..
Croatia	..	..	4 117	6 471	7 141	9 232	8 727	9 125	..
Cyprus[1]	-	-	-	-	-	-	-	-	..
FYR of Macedonia	..	..	491	1 170	1 492	2 431	1 584	1 207	..
Georgia	..	..	7 577	5 860	6 236	9 367	8 271	8 335	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	7 366	7 531	7 856	8 022	7 731	8 263	..
Kosovo	..	..	..	52	112	156	143	151	..
Kyrgyzstan	..	..	9 986	12 825	12 788	11 108	13 097	13 298	..
Latvia	..	..	4 496	2 819	3 326	3 520	2 912	1 994	..
Lithuania	..	..	414	644	820	1 295	1 069	1 088	..
Malta	-	-	-	-	-	-	-	-	..
Moldova	..	..	257	377	377	407	310	317	..
Montenegro	..	..	..	..	1 866	2 750	2 504	1 752	..
Romania	7 547	12 637	11 411	14 778	20 207	20 243	15 308	19 280	..
Russian Federation	..	..	165 917	165 375	174 604	168 397	182 654	177 141	..
Serbia	..	..	9 471	12 000	12 032	12 571	10 853	11 617	..
Tajikistan	..	..	16 500	14 025	16 967	16 400	17 071	16 000	..
Turkmenistan	..	..	700	-	-	-	-	-	..
Ukraine	..	..	10 723	11 450	12 505	13 152	14 472	9 318	..
Uzbekistan	..	..	6 648	5 879	8 630	10 846	11 560	11 830	..
Former Soviet Union	122 300	184 713	x	x	x	x	x	x	x
Former Yugoslavia	16 394	28 161	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**149 938**	**232 174**	**267 091**	**276 717**	**307 878**	**317 230**	**321 056**	**309 951**	**..**
Algeria	752	257	135	54	555	174	330	254	..
Angola	814	595	725	912	2 219	3 703	4 767	5 041	..
Benin	-	-	-	2	1	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	1 068	1 365	2 656	3 442	3 772	4 260	4 231	5 068	..
Congo	50	100	490	295	355	429	971	952	..
Côte d'Ivoire	168	1 352	1 322	1 764	1 437	1 618	1 606	1 913	..
Dem. Rep. of the Congo	3 768	4 243	5 625	5 979	7 367	7 819	8 231	8 820	..
Egypt	5 156	9 801	9 932	13 697	12 644	13 046	12 940	13 979	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	333	484	1 062	1 646	2 833	4 931	8 338	9 195	..
Gabon	5	260	705	803	812	907	932	795	..
Ghana	3 872	5 276	5 721	6 609	5 629	6 996	8 233	8 387	..
Kenya	408	1 060	2 477	1 325	3 026	3 427	3 945	3 310	..
Libya	-	-	-	-	-	-	-	-	..
Mauritius	74	83	85	96	115	101	95	91	..
Morocco	1 192	1 515	1 220	718	1 426	3 631	2 785	2 033	..
Mozambique	191	301	284	9 652	13 264	16 647	14 546	16 175	..
Namibia	..	..	..	1 396	1 656	1 247	1 272	1 485	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	1 858	2 783	4 387	5 628	7 768	6 374	5 326	5 346	..
Senegal	-	-	-	-	267	253	308	323	..
South Africa	985	992	2 851	3 934	4 199	5 067	4 040	4 082	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	427	572	958	1 183	1 261	6 202	8 315	8 913	..
Tanzania	296	684	1 549	2 135	1 778	2 701	1 717	2 590	..
Togo	38	38	95	100	74	93	71	120	..
Tunisia	73	24	46	64	145	50	60	56	..
Zambia	3 097	9 194	7 951	7 750	8 883	10 435	13 281	14 042	..
Zimbabwe	3 487	4 008	4 369	3 194	4 915	5 799	4 996	5 431	..
Other Africa	2 015	2 413	3 518	5 360	6 101	6 619	7 684	8 013	..
Africa	**30 127**	**47 400**	**58 163**	**77 738**	**92 502**	**112 529**	**119 020**	**126 414**	**..**

Includes electricity from hydro pumped storage.
1. Please refer to section 'Geographical coverage'.

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Production of hydro electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	331	583	884	749	749	729	894	588	..
Brunei Darussalam	-	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	44	26	1 016	1 852	..
DPR of Korea	9 480	10 600	15 600	10 200	13 132	13 400	13 900	13 000	..
India	28 979	46 557	71 656	74 462	107 910	123 070	141 637	131 643	..
Indonesia	1 030	1 345	5 708	10 016	10 725	17 456	16 930	15 148	..
Malaysia	1 108	1 396	3 989	6 966	5 191	6 472	10 586	13 388	..
Mongolia	..	..	-	-	-	-	-	-	..
Myanmar	576	796	1 193	1 892	2 997	5 105	8 823	8 829	..
Nepal	81	203	877	1 632	2 517	3 205	3 507	3 789	..
Pakistan	4 355	8 714	16 925	17 194	30 862	31 811	31 873	31 428	..
Philippines	1 875	3 522	6 062	7 799	8 387	7 803	10 019	9 137	..
Singapore	-	-	-	-	-	-	-	-	..
Sri Lanka	708	1 479	3 145	3 197	3 451	5 634	6 918	4 552	..
Chinese Taipei	3 399	2 926	8 188	8 878	7 825	7 255	8 610	7 439	..
Thailand	1 880	1 273	4 975	6 026	5 798	5 537	5 748	5 540	..
Viet Nam	420	1 488	5 369	14 551	16 945	27 550	51 955	58 544	..
Other Asia	1 104	2 305	4 592	8 002	8 636	13 247	14 659	15 548	..
Asia excluding China	55 326	83 187	149 163	171 564	225 169	268 300	327 075	320 425	..
People's Republic of China	38 000	58 210	126 720	222 414	397 017	722 172	920 291	1 064 337	..
Hong Kong, China	-	-	-	-	-	-	-	-	..
China	**38 000**	**58 210**	**126 720**	**222 414**	**397 017**	**722 172**	**920 291**	**1 064 337**	**..**
Argentina	2 994	15 144	18 141	28 841	34 263	33 918	41 235	41 348	..
Bolivia	972	1 063	1 180	1 945	1 964	2 182	2 535	2 251	..
Brazil	57 890	128 907	206 708	304 403	337 457	403 289	390 992	373 439	..
Colombia	7 939	14 285	27 497	32 074	39 803	40 401	49 292	49 713	..
Costa Rica	1 131	2 120	3 382	5 684	6 566	7 262	6 851	6 717	..
Cuba	62	97	91	89	68	97	127	104	..
Curaçao[1]	-	-	-	-	-	-	-	-	..
Dominican Republic	530	558	349	1 167	2 371	1 770	2 340	1 584	..
Ecuador	435	872	4 987	7 609	6 883	8 636	11 039	11 458	..
El Salvador	492	946	1 648	1 175	1 669	2 084	1 790	1 718	..
Guatemala	233	234	1 718	2 522	2 939	3 849	4 654	4 848	..
Haiti	84	220	457	283	265	177	141	90	..
Honduras	359	782	2 279	2 260	1 718	3 080	2 739	2 602	..
Jamaica	99	120	88	115	152	152	116	136	..
Nicaragua	371	514	403	210	433	504	456	395	..
Panama	102	964	2 213	3 418	3 724	4 194	5 154	5 034	..
Paraguay	302	659	27 159	53 492	51 166	54 065	60 378	55 276	..
Peru	4 769	7 010	10 469	16 168	18 079	20 042	22 309	22 199	..
Suriname	..	..	..	1 036	800	1 210	1 309	1 359	..
Trinidad and Tobago	-	-	-	-	-	-	-	-	..
Uruguay	1 556	3 479	7 009	7 051	6 683	8 666	8 206	9 649	..
Venezuela	6 225	14 587	36 983	62 886	77 229	76 780	83 545	87 194	..
Other Non-OECD Americas	1 143	1 062	1 508	313	1 763	1 278	901	921	..
Non-OECD Americas	**87 688**	**193 623**	**354 269**	**532 741**	**595 995**	**673 636**	**696 109**	**678 035**	**..**
Bahrain	-	-	-	-	-	-	-	-	..
Islamic Republic of Iran	2 842	5 620	6 083	3 650	16 100	9 526	14 582	13 862	..
Iraq	290	690	2 600	611	6 000	4 767	4 757	2 931	..
Jordan	-	-	11	39	57	61	55	58	..
Kuwait	-	-	-	-	-	-	-	-	..
Lebanon	478	850	500	449	1 046	839	1 269	193	..
Oman	-	-	-	-	-	-	-	-	..
Qatar	-	-	-	-	-	-	-	-	..
Saudi Arabia	-	-	-	-	-	-	-	-	..
Syrian Arab Republic	17	2 561	2 728	3 231	4 325	2 592	3 000	3 000	..
United Arab Emirates	-	-	-	-	-	-	-	-	..
Yemen	-	-	-	-	-	-	-	-	..
Middle East	**3 627**	**9 721**	**11 922**	**7 980**	**27 528**	**17 785**	**23 663**	**20 044**	**..**

Includes electricity from hydro pumped storage.
1. Please refer to section 'Geographical coverage'.

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Production of geothermal electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**6 630**	**13 644**	**36 425**	**51 990**	**58 283**	**68 123**	**71 631**	**77 377**	**..**
Non-OECD Total	**-**	**2 569**	**7 811**	**19 014**	**20 672**	**24 663**	**25 581**	**29 010**	**..**
OECD Total[1]	**6 630**	**11 075**	**28 614**	**32 976**	**37 611**	**43 460**	**46 050**	**48 367**	**50 179**
Canada	-	-	-	-	-	-	-	-	-
Chile	-	-	-	-	-	-	-	-	-
Mexico	161	915	5 124	5 901	7 299	6 618	6 070	6 000	6 291
United States	2 451	5 352	16 012	14 621	16 778	17 577	18 422	18 710	18 589
OECD Americas	**2 612**	**6 267**	**21 136**	**20 522**	**24 077**	**24 195**	**24 492**	**24 710**	**24 880**
Australia	-	-	-	-	-	1	1	1	1
Israel	-	-	-	-	-	-	-	-	-
Japan	269	900	1 741	3 348	3 226	2 647	2 596	2 577	2 552
Korea	-	-	-	-	-	-	-	-	-
New Zealand	1 243	1 185	2 131	2 922	3 159	5 882	6 416	7 258	7 855
OECD Asia Oceania	**1 512**	**2 085**	**3 872**	**6 270**	**6 385**	**8 530**	**9 013**	**9 836**	**10 408**
Austria	-	-	-	-	2	1	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Czech Republic	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Estonia	..	..	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	28	80	98	134
Greece	-	-	-	-	-	-	-	-	-
Hungary	-	-	-	-	-	-	-	-	-
Iceland	26	50	300	1 323	1 658	4 465	5 245	5 238	5 003
Ireland	-	-	-	-	-	-	-	-	-
Italy	2 480	2 672	3 222	4 705	5 324	5 376	5 659	5 916	6 181
Luxembourg	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Poland	-	-	-	-	-	-	-	-	-
Portugal	-	1	4	80	71	197	197	205	204
Slovak Republic	-	-	-	-	-	-	-	-	-
Slovenia	..	..	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Switzerland	-	-	-	-	-	-	-	-	-
Turkey	-	-	80	76	94	668	1 364	2 364	3 369
United Kingdom	-	-	-	-	-	-	-	-	-
OECD Europe[1]	**2 506**	**2 723**	**3 606**	**6 184**	**7 149**	**10 735**	**12 545**	**13 821**	**14 891**
IEA[1]	*6 443*	*10 110*	*23 190*	*25 752*	*28 654*	*32 377*	*34 735*	*37 129*	*38 885*
European Union - 28	*..*	*..*	*3 226*	*4 785*	*5 397*	*5 602*	*5 936*	*6 219*	*..*
G7	*5 200*	*8 924*	*20 975*	*22 674*	*25 328*	*25 628*	*26 757*	*27 301*	*..*
G8	*..*	*..*	*21 003*	*22 732*	*25 738*	*26 133*	*27 201*	*27 756*	*..*
G20	*..*	*..*	*27 393*	*33 767*	*39 923*	*43 100*	*44 372*	*46 489*	*..*
OPEC	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*..*

1. Please refer to section 'Geographical coverage'.

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Production of geothermal electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**-**	**2 569**	**7 811**	**19 014**	**20 672**	**24 663**	**25 581**	**29 010**	**..**
Albania	-	-	-	-	-	-	-	-	..
Armenia	..	..	-	-	-	-	-	-	..
Azerbaijan	..	..	-	-	-	-	-	-	..
Belarus	..	..	-	-	-	-	-	-	..
Bosnia and Herzegovina	..	..	-	-	-	-	-	-	..
Bulgaria	-	-	-	-	-	-	-	-	..
Croatia	..	..	-	-	-	-	-	-	..
Cyprus[1]	-	-	-	-	-	-	-	-	..
FYR of Macedonia	..	..	-	-	-	-	-	-	..
Georgia	..	..	-	-	-	-	-	-	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	-	-	-	-	-	-	..
Kosovo	..	..	..	-	-	-	-	-	..
Kyrgyzstan	..	..	-	-	-	-	-	-	..
Latvia	..	..	-	-	-	-	-	-	..
Lithuania	..	..	-	-	-	-	-	-	..
Malta	-	-	-	-	-	-	-	-	..
Moldova	..	..	-	-	-	-	-	-	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	-	-	-	-	-	-	-	-	..
Russian Federation	..	..	28	58	410	505	444	455	..
Serbia	..	..	-	-	-	-	-	-	..
Tajikistan	..	..	-	-	-	-	-	-	..
Turkmenistan	..	..	-	-	-	-	-	-	..
Ukraine	..	..	-	-	-	-	-	-	..
Uzbekistan	..	..	-	-	-	-	-	-	..
Former Soviet Union	-	-	x	x	x	x	x	x	x
Former Yugoslavia	-	-	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**-**	**-**	**28**	**58**	**410**	**505**	**444**	**455**	**..**
Algeria	-	-	-	-	-	-	-	-	..
Angola	-	-	-	-	-	-	-	-	..
Benin	-	-	-	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	-	-	-	-	-	-	-	-	..
Congo	-	-	-	-	-	-	-	-	..
Côte d'Ivoire	-	-	-	-	-	-	-	-	..
Dem. Rep. of the Congo	-	-	-	-	-	-	-	-	..
Egypt	-	-	-	-	-	-	-	-	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	-	-	-	5	-	18	17	19	..
Gabon	-	-	-	-	-	-	-	-	..
Ghana	-	-	-	-	-	-	-	-	..
Kenya	-	-	326	429	1 003	1 453	2 007	4 059	..
Libya	-	-	-	-	-	-	-	-	..
Mauritius	-	-	-	-	-	-	-	-	..
Morocco	-	-	-	-	-	-	-	-	..
Mozambique	-	-	-	-	-	-	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	-	-	-	-	-	-	-	-	..
Senegal	-	-	-	-	-	-	-	-	..
South Africa	-	-	-	-	-	-	-	-	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	-	-	-	-	-	-	-	-	..
Tanzania	-	-	-	-	-	-	-	-	..
Togo	-	-	-	-	-	-	-	-	..
Tunisia	-	-	-	-	-	-	-	-	..
Zambia	-	-	-	-	-	-	-	-	..
Zimbabwe	-	-	-	-	-	-	-	-	..
Other Africa	-	-	-	-	-	-	-	-	..
Africa	**-**	**-**	**326**	**434**	**1 003**	**1 471**	**2 024**	**4 078**	**..**

1. Please refer to section 'Geographical coverage'.

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Production of geothermal electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	-	-	-	-	-	-	-	-	..
Brunei Darussalam	-	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	-	-	-	-	-	-	-	-	..
India	-	-	-	-	-	-	-	-	..
Indonesia	-	-	1 125	4 869	6 604	9 357	9 414	10 038	..
Malaysia	-	-	-	-	-	-	-	-	..
Mongolia	..	..	-	-	-	-	-	-	..
Myanmar	-	-	-	-	-	-	-	-	..
Nepal	-	-	-	-	-	-	-	-	..
Pakistan	-	-	-	-	-	-	-	-	..
Philippines	-	2 077	5 466	11 626	9 902	9 929	9 605	10 308	..
Singapore	-	-	-	-	-	-	-	-	..
Sri Lanka	-	-	-	-	-	-	-	-	..
Chinese Taipei	-	-	3	-	-	-	-	-	..
Thailand	-	-	1	2	2	2	1	1	..
Viet Nam	-	-	-	-	-	-	-	-	..
Other Asia	-	-	-	-	-	-	-	-	..
Asia excluding China	-	2 077	6 595	16 497	16 508	19 288	19 020	20 347	..
People's Republic of China	-	-	57	109	115	125	125	125	..
Hong Kong, China	-	-	-	-	-	-	-	-	..
China	**-**	**-**	**57**	**109**	**115**	**125**	**125**	**125**	**..**
Argentina	-	-	-	-	-	-	-	-	..
Bolivia	-	-	-	-	-	-	-	-	..
Brazil	-	-	-	-	-	-	-	-	..
Colombia	-	-	-	-	-	-	-	-	..
Costa Rica	-	-	-	976	1 148	1 176	1 517	1 538	..
Cuba	-	-	-	-	-	-	-	-	..
Curaçao[1]	-	-	-	-	-	-	-	-	..
Dominican Republic	-	-	-	-	-	-	-	-	..
Ecuador	-	-	-	-	-	-	-	-	..
El Salvador	-	492	419	786	1 051	1 525	1 560	1 558	..
Guatemala	-	-	-	20	166	271	212	247	..
Haiti	-	-	-	-	-	-	-	-	..
Honduras	-	-	-	-	-	-	-	-	..
Jamaica	-	-	-	-	-	-	-	-	..
Nicaragua	-	-	386	134	271	302	679	662	..
Panama	-	-	-	-	-	-	-	-	..
Paraguay	-	-	-	-	-	-	-	-	..
Peru	-	-	-	-	-	-	-	-	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	-	-	-	-	-	-	-	-	..
Uruguay	-	-	-	-	-	-	-	-	..
Venezuela	-	-	-	-	-	-	-	-	..
Other Non-OECD Americas	-	-	-	-	-	-	-	-	..
Non-OECD Americas	**-**	**492**	**805**	**1 916**	**2 636**	**3 274**	**3 968**	**4 005**	**..**
Bahrain	-	-	-	-	-	-	-	-	..
Islamic Republic of Iran	-	-	-	-	-	-	-	-	..
Iraq	-	-	-	-	-	-	-	-	..
Jordan	-	-	-	-	-	-	-	-	..
Kuwait	-	-	-	-	-	-	-	-	..
Lebanon	-	-	-	-	-	-	-	-	..
Oman	-	-	-	-	-	-	-	-	..
Qatar	-	-	-	-	-	-	-	-	..
Saudi Arabia	-	-	-	-	-	-	-	-	..
Syrian Arab Republic	-	-	-	-	-	-	-	-	..
United Arab Emirates	-	-	-	-	-	-	-	-	..
Yemen	-	-	-	-	-	-	-	-	..
Middle East	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**..**

1. Please refer to section 'Geographical coverage'.

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Production of solar electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**-**	**-**	**684**	**1 557**	**4 636**	**34 010**	**146 377**	**198 179**	**..**
Non-OECD Total	**-**	**-**	**2**	**306**	**423**	**1 514**	**24 425**	**42 821**	**..**
OECD Total[1]	**-**	**-**	**682**	**1 251**	**4 213**	**32 496**	**121 952**	**155 358**	**183 023**
Canada	-	-	-	16	17	117	1 499	1 756	1 756
Chile	-	-	-	-	-	-	8	489	514
Mexico	-	-	1	7	9	31	106	221	246
United States	-	-	666	709	1 120	3 942	15 872	24 603	27 093
OECD Americas	**-**	**-**	**667**	**732**	**1 146**	**4 090**	**17 485**	**27 069**	**29 609**
Australia	-	-	-	38	79	426	3 826	4 858	6 115
Israel	-	-	-	-	-	70	494	840	1 322
Japan	-	-	1	347	1 493	3 800	14 279	24 506	35 974
Korea	-	-	1	5	15	772	1 605	2 557	2 594
New Zealand	-	-	-	-	-	-	7	16	33
OECD Asia Oceania	**-**	**-**	**2**	**390**	**1 587**	**5 068**	**20 211**	**32 777**	**46 038**
Austria	-	-	-	3	21	89	582	785	945
Belgium	-	-	-	-	1	560	2 644	2 883	3 054
Czech Republic	-	-	-	-	-	616	2 033	2 123	2 262
Denmark	-	-	-	1	2	6	518	596	604
Estonia	..	..	-	-	-	-	-	-	-
Finland	-	-	-	2	3	5	6	8	10
France	-	-	-	5	11	620	4 735	5 909	7 400
Germany	-	-	1	60	1 282	11 729	31 010	36 056	38 432
Greece	-	-	-	-	1	158	3 648	3 792	3 720
Hungary	-	-	-	-	-	1	25	56	112
Iceland	-	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	1	1	1
Italy	-	-	4	18	31	1 906	21 589	22 306	25 206
Luxembourg	-	-	-	-	18	21	74	95	93
Netherlands	-	-	-	8	35	56	487	785	1 104
Norway	-	-	-	..	..	..	..	..	..
Poland	-	-	-	-	-	-	1	7	57
Portugal	-	-	1	1	3	211	479	627	797
Slovak Republic	-	-	-	-	-	17	588	597	590
Slovenia	..	..	-	-	-	13	215	257	274
Spain	-	-	6	18	41	7 186	13 097	13 673	13 878
Sweden	-	-	-	1	2	9	35	47	102
Switzerland	-	-	1	11	21	94	500	842	1 179
Turkey	-	-	-	-	-	-	-	17	-
United Kingdom	-	-	-	1	8	41	1 989	4 050	7 556
OECD Europe[1]	**-**	**-**	**13**	**129**	**1 480**	**23 338**	**84 256**	**95 512**	**107 376**
IEA[1]	-	-	*681*	*1 244*	*4 204*	*32 382*	*121 129*	*153 551*	*180 667*
European Union - 28	..	..	*12*	*118*	*1 460*	*23 267*	*85 669*	*97 781*	..
G7	-	-	*672*	*1 156*	*3 962*	*22 155*	*90 973*	*119 186*	..
G8	..	..	*672*	*1 156*	*3 962*	*22 155*	*90 973*	*119 346*	..
G20	..	..	*683*	*1 264*	*4 280*	*33 170*	*142 031*	*191 746*	..
OPEC	-	-	-	-	-	-	*105*	*318*	..

1. Please refer to section 'Geographical coverage'.

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Production of solar electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**-**	**-**	**2**	**306**	**423**	**1 514**	**24 425**	**42 821**	**..**
Albania	-	-	-	-	-	-	-	-	..
Armenia	..	..	-	-	-	-	-	-	..
Azerbaijan	..	..	-	-	-	-	1	3	..
Belarus	..	..	-	-	-	-	-	1	..
Bosnia and Herzegovina	..	..	-	-	-	-	-	-	..
Bulgaria	-	-	-	-	-	15	1 361	1 252	..
Croatia	..	..	-	-	-	-	11	35	..
Cyprus[1]	-	-	-	-	1	7	47	84	..
FYR of Macedonia	..	..	-	-	-	-	9	14	..
Georgia	..	..	-	-	-	-	-	-	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	-	-	-	-	1	1	..
Kosovo	..	..	..	-	-	-	-	-	..
Kyrgyzstan	..	..	-	-	-	-	-	-	..
Latvia	..	..	-	-	-	-	-	-	..
Lithuania	..	..	-	-	-	-	45	73	..
Malta	-	-	-	-	-	1	29	68	..
Moldova	..	..	-	-	-	-	-	1	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	-	-	-	-	-	-	420	1 616	..
Russian Federation	..	..	-	-	-	-	-	160	..
Serbia	..	..	-	-	-	-	-	6	..
Tajikistan	..	..	-	-	-	-	-	-	..
Turkmenistan	..	..	-	-	-	-	-	-	..
Ukraine	..	..	-	-	-	1	570	429	..
Uzbekistan	..	..	-	-	-	-	-	-	..
Former Soviet Union	-	-	x	x	x	x	x	x	x
Former Yugoslavia	-	-	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**-**	**-**	**-**	**-**	**1**	**24**	**2 494**	**3 743**	**..**
Algeria	-	-	-	-	-	-	-	-	..
Angola	-	-	-	-	-	-	-	-	..
Benin	-	-	-	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	1	1	..
Cameroon	-	-	-	-	-	-	-	-	..
Congo	-	-	-	-	-	-	-	-	..
Côte d'Ivoire	-	-	-	-	-	-	-	-	..
Dem. Rep. of the Congo	-	-	-	-	-	-	-	-	..
Egypt	-	-	-	-	-	206	242	247	..
Eritrea	..	..	..	1	1	2	2	2	..
Ethiopia	-	-	-	-	-	-	-	-	..
Gabon	-	-	-	-	-	-	2	2	..
Ghana	-	-	-	-	-	-	3	4	..
Kenya	-	-	-	-	-	-	1	1	..
Libya	-	-	-	-	-	-	-	-	..
Mauritius	-	-	-	-	-	-	3	25	..
Morocco	-	-	-	-	-	-	-	-	..
Mozambique	-	-	-	-	-	-	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	2	3	4	4	..
Nigeria	-	-	-	-	-	-	-	-	..
Senegal	-	-	-	2	4	3	4	4	..
South Africa	-	-	-	-	-	-	243	1 120	..
South Sudan	..	..	..	..	..	..	2	2	..
Sudan[1]	-	-	-	-	-	-	-	-	..
Tanzania	-	-	-	-	-	7	15	18	..
Togo	-	-	-	-	-	-	-	-	..
Tunisia	-	-	-	-	-	1	11	25	..
Zambia	-	-	-	-	-	-	-	-	..
Zimbabwe	-	-	-	-	-	-	-	-	..
Other Africa	-	-	-	-	-	-	-	-	..
Africa	**-**	**-**	**-**	**3**	**7**	**222**	**533**	**1 455**	**..**

1. Please refer to section 'Geographical coverage'.

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Production of solar electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	-	-	-	-	-	-	136	145	..
Brunei Darussalam	-	-	-	-	-	-	2	2	..
Cambodia	..	..	..	1	1	3	3	3	..
DPR of Korea	-	-	-	-	-	-	-	-	..
India	-	-	-	2	3	113	3 433	4 909	..
Indonesia	-	-	-	-	-	1	5	11	..
Malaysia	-	-	-	-	1	-	141	227	..
Mongolia	..	..	-	-	-	-	-	-	..
Myanmar	-	-	-	-	-	-	-	-	..
Nepal	-	-	-	-	-	-	-	1	..
Pakistan	-	-	-	-	-	-	-	-	..
Philippines	-	-	-	-	2	1	1	17	..
Singapore	-	-	-	-	-	5	17	36	..
Sri Lanka	-	-	-	8	14	17	20	20	..
Chinese Taipei	-	-	-	-	1	23	338	552	..
Thailand	-	-	-	-	-	20	1 080	1 385	..
Viet Nam	-	-	-	-	-	-	-	-	..
Other Asia	-	-	-	193	193	205	204	216	..
Asia excluding China	-	-	-	204	215	388	5 380	7 524	..
People's Republic of China	-	-	2	22	84	701	15 477	29 229	..
Hong Kong, China	-	-	-	-	-	-	1	1	..
China	**-**	**-**	**2**	**22**	**84**	**701**	**15 478**	**29 230**	**..**
Argentina	-	-	-	-	-	-	15	16	..
Bolivia	-	-	-	-	-	3	3	6	..
Brazil	-	-	-	-	-	-	-	-	..
Colombia	-	-	-	-	-	-	-	-	..
Costa Rica	-	-	-	-	-	-	3	3	..
Cuba	-	-	-	-	-	2	9	20	..
Curaçao[1]	-	-	-	-	-	-	-	-	..
Dominican Republic	-	-	-	51	65	112	150	238	..
Ecuador	-	-	-	-	-	-	4	16	..
El Salvador	-	-	-	-	-	-	-	-	..
Guatemala	-	-	-	-	-	-	-	7	..
Haiti	-	-	-	-	-	-	-	-	..
Honduras	-	-	-	-	-	-	-	-	..
Jamaica	-	-	-	-	-	-	-	-	..
Nicaragua	-	-	-	-	-	-	-	-	..
Panama	-	-	-	-	-	-	-	1	..
Paraguay	-	-	-	-	-	-	-	-	..
Peru	-	-	-	-	-	-	65	66	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	-	-	-	-	-	-	-	-	..
Uruguay	-	-	-	-	-	-	-	-	..
Venezuela	-	-	-	-	-	-	-	-	..
Other Non-OECD Americas	-	-	-	26	51	62	190	194	..
Non-OECD Americas	**-**	**-**	**-**	**77**	**116**	**179**	**439**	**567**	**..**
Bahrain	-	-	-	-	-	-	-	-	..
Islamic Republic of Iran	-	-	-	-	-	-	-	-	..
Iraq	-	-	-	-	-	-	-	-	..
Jordan	-	-	-	-	-	-	-	-	..
Kuwait	-	-	-	-	-	-	-	-	..
Lebanon	-	-	-	-	-	-	-	-	..
Oman	-	-	-	-	-	-	-	-	..
Qatar	-	-	-	-	-	-	-	-	..
Saudi Arabia	-	-	-	-	-	-	1	1	..
Syrian Arab Republic	-	-	-	-	-	-	-	-	..
United Arab Emirates	-	-	-	-	-	-	100	301	..
Yemen	-	-	-	-	-	-	-	-	..
Middle East	**-**	**-**	**-**	**-**	**-**	**-**	**101**	**302**	**..**

1. Please refer to section 'Geographical coverage'.

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Production of electricity from wind

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**-**	**11**	**3 880**	**31 349**	**103 881**	**341 330**	**645 551**	**717 293**	**..**
Non-OECD Total	**-**	**-**	**35**	**2 825**	**10 061**	**72 655**	**198 749**	**229 560**	**..**
OECD Total[1]	**-**	**11**	**3 845**	**28 524**	**93 820**	**268 675**	**446 802**	**487 733**	**565 809**
Canada	-	-	-	264	1 567	8 724	17 963	22 538	28 831
Chile	-	-	-	-	7	332	554	1 443	1 796
Mexico	-	-	1	19	19	1 239	4 185	6 426	7 900
United States	-	-	3 066	5 650	17 881	95 148	169 713	183 892	193 276
OECD Americas	**-**	**-**	**3 067**	**5 933**	**19 474**	**105 443**	**192 415**	**214 299**	**231 803**
Australia	-	-	-	58	885	5 052	7 960	10 252	10 828
Israel	-	-	-	-	11	8	6	6	6
Japan	-	-	-	108	1 751	3 962	4 286	5 038	5 285
Korea	-	-	-	17	130	817	1 149	1 146	1 232
New Zealand	-	-	-	120	614	1 634	2 024	2 214	2 357
OECD Asia Oceania	**-**	**-**	**-**	**303**	**3 391**	**11 473**	**15 425**	**18 656**	**19 708**
Austria	-	-	-	67	1 331	2 064	3 152	3 846	4 843
Belgium	-	-	7	16	227	1 292	3 687	4 614	5 468
Czech Republic	-	-	-	1	21	335	481	477	573
Denmark	-	11	610	4 241	6 614	7 809	11 123	13 079	14 133
Estonia	..	..	-	-	54	277	529	604	715
Finland	-	-	-	78	170	294	774	1 107	2 334
France	-	-	-	48	962	9 945	16 034	17 249	21 169
Germany	-	-	71	9 352	27 229	37 793	51 708	57 357	87 975
Greece	-	-	2	451	1 266	2 714	4 139	3 689	4 547
Hungary	-	-	-	-	10	534	718	657	693
Iceland	-	-	-	-	-	-	3	8	11
Ireland	-	-	-	244	1 112	2 815	4 542	5 140	6 569
Italy	-	-	2	563	2 344	9 126	14 897	15 178	14 676
Luxembourg	-	-	-	27	52	55	83	80	91
Netherlands	-	-	56	829	2 067	3 994	5 627	5 797	7 489
Norway	-	-	-	31	499	879	1 881	2 216	2 515
Poland	-	-	-	5	135	1 664	6 004	7 676	10 819
Portugal	-	-	1	168	1 773	9 182	12 014	12 111	11 610
Slovak Republic	-	-	-	-	6	6	6	6	6
Slovenia	..	..	-	-	-	-	4	4	6
Spain	-	-	14	4 727	21 176	44 271	55 646	52 013	49 335
Sweden	-	-	6	457	936	3 502	9 842	11 234	16 617
Switzerland	-	-	-	3	8	37	90	101	110
Turkey	-	-	-	33	59	2 916	7 557	8 520	11 552
United Kingdom	-	-	9	947	2 904	10 255	28 421	32 015	40 442
OECD Europe[1]	**-**	**11**	**778**	**22 288**	**70 955**	**151 759**	**238 962**	**254 778**	**314 298**
IEA[1]	*-*	*11*	*3 844*	*28 505*	*93 783*	*267 096*	*442 050*	*479 846*	*556 090*
European Union - 28	*..*	*..*	*778*	*22 225*	*70 453*	*149 357*	*236 796*	*253 157*	*..*
G7	*-*	*-*	*3 148*	*16 932*	*54 638*	*174 953*	*303 022*	*333 267*	*..*
G8	*..*	*..*	*3 148*	*16 934*	*54 645*	*174 957*	*303 027*	*333 363*	*..*
G20	*..*	*..*	*3 879*	*30 712*	*101 171*	*333 739*	*631 484*	*698 308*	*..*
OPEC	*-*	*-*	*-*	*37*	*71*	*166*	*433*	*438*	*..*

1. Please refer to section 'Geographical coverage'.

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Production of electricity from wind

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**-**	**-**	**35**	**2 825**	**10 061**	**72 655**	**198 749**	**229 560**	**..**
Albania	-	-	-	-	-	-	-	-	..
Armenia	..	..	-	-	-	7	4	4	..
Azerbaijan	..	..	-	-	-	1	1	2	..
Belarus	..	..	-	-	1	1	8	11	..
Bosnia and Herzegovina	..	..	-	-	-	-	-	-	..
Bulgaria	-	-	-	-	5	681	1 374	1 331	..
Croatia	..	..	-	-	10	139	517	730	..
Cyprus[1]	-	-	-	-	-	31	231	182	..
FYR of Macedonia	..	..	-	-	-	-	-	71	..
Georgia	..	..	-	-	-	-	-	-	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	-	-	-	-	5	13	..
Kosovo	..	..	..	-	-	1	-	-	..
Kyrgyzstan	..	..	-	-	-	-	-	-	..
Latvia	..	..	-	4	47	49	120	141	..
Lithuania	..	..	-	-	2	224	603	639	..
Malta	-	-	-	-	-	-	-	-	..
Moldova	..	..	-	-	-	-	1	1	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	-	-	-	-	-	306	4 520	6 201	..
Russian Federation	..	..	-	2	7	4	5	96	..
Serbia	..	..	-	-	-	-	-	-	..
Tajikistan	..	..	-	-	-	-	-	-	..
Turkmenistan	..	..	-	-	-	-	-	-	..
Ukraine	..	..	-	6	38	50	639	1 130	..
Uzbekistan	..	..	-	-	-	-	-	-	..
Former Soviet Union	-	-	x	x	x	x	x	x	x
Former Yugoslavia	-	-	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**-**	**-**	**-**	**12**	**110**	**1 494**	**8 028**	**10 552**	**..**
Algeria	-	-	-	-	-	-	-	-	..
Angola	-	-	-	-	-	-	-	-	..
Benin	-	-	-	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	-	-	-	-	-	-	-	-	..
Congo	-	-	-	-	-	-	-	-	..
Côte d'Ivoire	-	-	-	-	-	-	-	-	..
Dem. Rep. of the Congo	-	-	-	-	-	-	-	-	..
Egypt	-	-	-	137	552	1 498	1 287	1 315	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	-	-	-	-	-	-	356	392	..
Gabon	-	-	-	-	-	-	-	-	..
Ghana	-	-	-	-	-	-	-	-	..
Kenya	-	-	-	-	-	18	18	38	..
Libya	-	-	-	-	-	-	-	-	..
Mauritius	-	-	-	-	-	3	4	3	..
Morocco	-	-	-	64	206	659	1 481	1 924	..
Mozambique	-	-	-	-	-	-	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	-	-	-	-	-	-	-	-	..
Senegal	-	-	-	-	-	-	-	-	..
South Africa	-	-	-	-	12	34	37	1 070	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	-	-	-	-	-	-	-	-	..
Tanzania	-	-	-	-	-	-	-	-	..
Togo	-	-	-	-	-	-	-	-	..
Tunisia	-	-	-	23	42	139	358	507	..
Zambia	-	-	-	-	-	-	-	-	..
Zimbabwe	-	-	-	-	-	-	-	-	..
Other Africa	-	-	-	8	6	19	97	101	..
Africa	**-**	**-**	**-**	**232**	**818**	**2 370**	**3 638**	**5 350**	**..**

1. Please refer to section 'Geographical coverage'.

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Production of electricity from wind

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	-	-	-	-	-	-	4	4	..
Brunei Darussalam	-	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	-	-	-	-	-	-	-	-	..
India	-	-	32	1 684	6 211	19 657	33 583	37 155	..
Indonesia	-	-	-	-	-	4	1	-	..
Malaysia	-	-	-	-	-	-	-	-	..
Mongolia	..	..	-	-	-	-	85	170	..
Myanmar	-	-	-	-	-	-	-	-	..
Nepal	-	-	-	-	-	-	-	6	..
Pakistan	-	-	-	-	-	-	397	397	..
Philippines	-	-	-	-	17	62	66	152	..
Singapore	-	-	-	-	-	-	-	-	..
Sri Lanka	-	-	-	3	2	53	235	272	..
Chinese Taipei	-	-	-	1	91	976	1 640	1 500	..
Thailand	-	-	-	-	-	-	305	305	..
Viet Nam	-	-	-	-	-	50	87	87	..
Other Asia	-	-	-	8	18	57	61	65	..
Asia excluding China	-	-	32	1 696	6 339	20 859	36 464	40 113	..
People's Republic of China	-	-	2	615	2 028	44 622	141 197	156 078	..
Hong Kong, China	-	-	-	-	-	1	2	2	..
China	**-**	**-**	**2**	**615**	**2 028**	**44 623**	**141 199**	**156 080**	**..**
Argentina	-	-	-	35	75	25	474	730	..
Bolivia	-	-	-	-	-	-	1	8	..
Brazil	-	-	-	2	93	2 177	6 576	12 208	..
Colombia	-	-	-	-	49	39	58	58	..
Costa Rica	-	-	-	183	204	359	485	735	..
Cuba	-	-	-	-	-	10	17	17	..
Curaçao[1]	-	-	-	8	32	32	32	32	..
Dominican Republic	-	-	-	-	-	-	-	608	..
Ecuador	-	-	-	-	-	3	57	80	..
El Salvador	-	-	-	-	-	-	-	-	..
Guatemala	-	-	-	-	-	-	-	-	..
Haiti	-	-	-	-	-	-	-	-	..
Honduras	-	-	-	-	-	-	310	398	..
Jamaica	-	-	-	-	50	53	115	119	..
Nicaragua	-	-	-	-	-	163	562	846	..
Panama	-	-	-	-	-	-	2	116	..
Paraguay	-	-	-	-	-	-	-	-	..
Peru	-	-	-	1	1	1	1	206	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	-	-	-	-	-	-	-	-	..
Uruguay	-	-	-	-	-	68	144	733	..
Venezuela	-	-	-	-	-	-	-	-	..
Other Non-OECD Americas	-	-	-	1	188	213	207	211	..
Non-OECD Americas	**-**	**-**	**-**	**230**	**692**	**3 143**	**9 041**	**17 105**	**..**
Bahrain	-	-	-	-	-	-	-	-	..
Islamic Republic of Iran	-	-	-	37	71	163	376	358	..
Iraq	-	-	-	-	-	-	-	-	..
Jordan	-	-	1	3	3	3	3	2	..
Kuwait	-	-	-	-	-	-	-	-	..
Lebanon	-	-	-	-	-	-	-	-	..
Oman	-	-	-	-	-	-	-	-	..
Qatar	-	-	-	-	-	-	-	-	..
Saudi Arabia	-	-	-	-	-	-	-	-	..
Syrian Arab Republic	-	-	-	-	-	-	-	-	..
United Arab Emirates	-	-	-	-	-	-	-	-	..
Yemen	-	-	-	-	-	-	-	-	..
Middle East	**-**	**-**	**1**	**40**	**74**	**166**	**379**	**360**	**..**

1. Please refer to section 'Geographical coverage'.

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Production of electricity from biofuels and waste

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**31 844**	**44 344**	**130 524**	**164 421**	**223 490**	**366 748**	**455 725**	**492 848**	**..**
Non-OECD Total	**25 174**	**30 981**	**7 746**	**21 378**	**37 923**	**104 555**	**144 707**	**165 118**	**..**
OECD Total[1]	**6 670**	**13 363**	**122 778**	**143 043**	**185 567**	**262 193**	**311 018**	**327 730**	**336 070**
Canada	-	1 300	3 969	8 226	5 967	5 947	5 208	5 355	4 502
Chile	51	105	963	941	1 790	2 247	5 761	5 327	5 327
Mexico	-	-	-	1 672	3 074	776	1 322	1 430	1 442
United States	297	457	86 362	71 713	71 215	72 606	78 171	81 769	78 775
OECD Americas	**348**	**1 862**	**91 294**	**82 552**	**82 046**	**81 576**	**90 462**	**93 881**	**90 046**
Australia	338	385	750	1 134	3 830	2 777	3 152	3 511	3 297
Israel	-	-	-	-	-	61	43	62	62
Japan	-	-	9 570	10 245	12 218	30 232	33 574	35 523	41 774
Korea	-	-	-	93	294	1 107	1 763	2 157	1 692
New Zealand	-	312	500	587	503	601	638	634	627
OECD Asia Oceania	**338**	**697**	**10 820**	**12 059**	**16 845**	**34 778**	**39 170**	**41 887**	**47 452**
Austria	202	324	1 180	1 657	2 876	5 070	5 308	5 027	5 179
Belgium	116	300	723	1 336	2 250	5 689	6 229	5 671	6 320
Czech Republic	-	-	-	531	738	2 188	4 123	4 730	5 235
Denmark	-	-	210	1 856	3 989	5 340	5 045	5 016	3 391
Estonia	..	..	-	13	35	740	725	831	886
Finland	-	-	5 156	8 712	9 687	11 188	12 351	12 137	11 106
France	242	223	1 631	3 560	5 048	6 414	6 822	6 926	7 265
Germany	2 912	5 437	5 186	10 121	17 608	40 658	53 148	56 848	57 734
Greece	-	-	-	163	222	319	301	320	260
Hungary	-	-	34	120	1 730	2 449	1 933	2 240	2 261
Iceland	-	-	-	-	4	-	-	-	-
Ireland	-	-	-	95	130	315	541	600	538
Italy	1 365	1 288	103	1 908	6 153	11 586	19 387	21 186	21 898
Luxembourg	-	30	34	56	76	129	153	171	189
Netherlands	-	1 024	1 059	3 202	6 683	8 606	7 653	6 640	6 589
Norway	-	-	242	286	382	453	512	386	417
Poland	295	409	258	298	1 552	6 349	8 657	10 027	10 021
Portugal	200	319	689	1 553	1 987	2 942	3 346	3 297	3 139
Slovak Republic	-	-	-	32	56	686	935	1 442	1 340
Slovenia	..	..	-	70	120	223	269	265	271
Spain	56	362	672	2 100	3 104	4 674	6 480	6 100	7 650
Sweden	399	779	2 005	4 342	8 357	13 397	12 743	11 925	10 473
Switzerland	-	173	804	1 746	2 109	2 425	2 864	3 003	2 729
Turkey	197	136	-	220	122	457	981	1 186	1 536
United Kingdom	-	-	678	4 455	11 658	13 542	20 880	25 988	32 145
OECD Europe[1]	**5 984**	**10 804**	**20 664**	**48 432**	**86 676**	**145 839**	**181 386**	**191 962**	**198 572**
IEA[1]	*6 619*	*13 258*	*121 815*	*140 360*	*180 579*	*258 886*	*303 623*	*320 646*	*328 968*
European Union - 28	*..*	*..*	*19 629*	*46 196*	*84 145*	*142 931*	*178 456*	*189 427*	*..*
G7	*4 816*	*8 705*	*107 499*	*110 228*	*129 867*	*180 985*	*217 190*	*233 595*	*..*
G8	*..*	*..*	*107 536*	*112 766*	*132 505*	*183 759*	*220 115*	*236 698*	*..*
G20	*..*	*..*	*124 283*	*154 566*	*208 758*	*342 255*	*421 519*	*456 428*	*..*
OPEC	*-*	*-*	*-*	*-*	*103*	*246*	*317*	*446*	*..*

1. Please refer to section 'Geographical coverage'.

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Production of electricity from biofuels and waste

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**25 174**	**30 981**	**7 746**	**21 378**	**37 923**	**104 555**	**144 707**	**165 118**	**..**
Albania	-	-	-	-	-	-	-	-	..
Armenia	..	..	-	-	-	-	-	-	..
Azerbaijan	..	..	-	-	-	-	134	174	..
Belarus	..	..	-	-	-	93	152	155	..
Bosnia and Herzegovina	..	..	-	-	-	-	-	-	..
Bulgaria	-	-	-	15	17	35	110	200	..
Croatia	..	..	11	1	14	33	125	165	..
Cyprus[1]	-	-	-	-	-	35	49	51	..
FYR of Macedonia	..	..	-	-	-	-	-	-	..
Georgia	..	..	-	-	-	-	-	-	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	-	-	-	-	-	-	..
Kosovo	..	..	..	-	-	-	-	-	..
Kyrgyzstan	..	..	-	-	-	-	-	-	..
Latvia	..	..	-	-	41	66	502	669	..
Lithuania	..	..	-	-	7	147	383	443	..
Malta	-	-	-	-	-	-	6	7	..
Moldova	..	..	-	-	-	-	2	13	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	-	-	-	-	7	111	252	505	..
Russian Federation	..	..	37	2 538	2 638	2 774	2 925	3 103	..
Serbia	..	..	-	-	-	-	23	26	..
Tajikistan	..	..	-	-	-	-	-	-	..
Turkmenistan	..	..	-	-	-	-	-	-	..
Ukraine	..	..	-	-	-	188	101	130	..
Uzbekistan	..	..	-	-	-	-	-	-	..
Former Soviet Union	22 800	27 000	x	x	x	x	x	x	x
Former Yugoslavia	-	-	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**22 800**	**27 000**	**48**	**2 554**	**2 724**	**3 482**	**4 764**	**5 641**	**..**
Algeria	-	-	-	-	-	-	-	-	..
Angola	-	-	-	-	-	-	-	-	..
Benin	-	-	-	-	-	1	1	1	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	-	-	-	-	-	59	68	72	..
Congo	-	-	-	-	-	-	-	-	..
Côte d'Ivoire	-	-	-	-	110	69	68	70	..
Dem. Rep. of the Congo	-	-	-	-	-	-	-	-	..
Egypt	-	-	-	-	-	-	-	-	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	-	-	-	-	-	-	-	-	..
Gabon	-	-	3	7	8	9	10	10	..
Ghana	-	-	-	-	-	-	-	-	..
Kenya	108	140	201	128	131	209	179	136	..
Libya	-	-	-	-	-	-	-	-	..
Mauritius	24	27	158	431	453	550	493	477	..
Morocco	-	-	-	-	-	-	-	-	..
Mozambique	-	-	-	-	-	-	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	-	-	-	-	-	-	-	-	..
Senegal	38	40	44	51	51	74	59	62	..
South Africa	-	-	-	307	265	285	298	303	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	-	-	-	-	-	-	-	-	..
Tanzania	-	-	-	-	-	18	21	22	..
Togo	-	-	-	-	2	4	5	5	..
Tunisia	-	-	-	-	-	-	-	-	..
Zambia	-	-	-	-	-	-	-	-	..
Zimbabwe	-	-	-	-	-	94	166	144	..
Other Africa	-	-	54	152	285	367	511	525	..
Africa	**170**	**207**	**460**	**1 076**	**1 305**	**1 739**	**1 879**	**1 827**	**..**

1. Please refer to section 'Geographical coverage'.

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Production of electricity from biofuels and waste

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	-	-	-	-	-	-	-	-	..
Brunei Darussalam	-	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	14	20	11	14	..
DPR of Korea	-	-	-	-	-	-	-	-	..
India	-	-	-	1 278	4 890	14 673	23 147	25 444	..
Indonesia	-	-	-	6	22	95	268	957	..
Malaysia	-	-	-	-	-	1 010	1 149	701	..
Mongolia	..	..	-	-	-	-	-	-	..
Myanmar	-	-	-	-	-	-	-	-	..
Nepal	-	-	-	-	-	-	-	-	..
Pakistan	-	-	-	-	-	-	-	-	..
Philippines	-	-	431	-	-	27	212	196	..
Singapore	-	-	170	490	956	1 174	1 357	1 415	..
Sri Lanka	-	-	-	-	4	33	26	41	..
Chinese Taipei	-	-	-	1 694	3 286	3 652	3 523	3 682	..
Thailand	-	-	-	509	1 530	3 390	6 973	8 540	..
Viet Nam	-	-	-	-	50	55	58	59	..
Other Asia	5	27	29	-	-	-	-	-	..
Asia excluding China	5	27	630	3 977	10 752	24 129	36 724	41 049	..
People's Republic of China	-	-	-	2 421	5 200	33 813	49 303	57 393	..
Hong Kong, China	-	-	-	-	-	92	92	96	..
China	**-**	**-**	**-**	**2 421**	**5 200**	**33 905**	**49 395**	**57 489**	**..**
Argentina	57	96	107	673	1 287	2 195	2 466	2 780	..
Bolivia	12	32	32	54	56	116	56	187	..
Brazil	750	1 805	3 859	7 844	13 591	31 495	40 393	45 994	..
Colombia	-	227	274	496	503	2 417	2 049	2 143	..
Costa Rica	7	10	-	17	71	145	183	181	..
Cuba	719	954	1 449	944	420	455	680	637	..
Curaçao[1]	-	-	-	-	-	-	-	-	..
Dominican Republic	75	75	25	32	28	31	34	32	..
Ecuador	-	-	-	-	103	236	296	399	..
El Salvador	-	-	-	-	89	283	441	439	..
Guatemala	43	52	285	586	717	1 558	1 797	2 256	..
Haiti	12	12	17	-	-	-	-	-	..
Honduras	-	-	-	1	128	160	726	523	..
Jamaica	205	282	98	205	72	127	162	148	..
Nicaragua	8	18	105	159	352	385	482	492	..
Panama	2	22	56	24	23	22	33	31	..
Paraguay	40	41	19	-	-	-	-	-	..
Peru	230	85	136	158	348	673	960	1 291	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	29	26	31	20	22	-	-	-	..
Uruguay	9	9	59	35	39	900	1 082	1 447	..
Venezuela	-	-	-	-	-	-	-	-	..
Other Non-OECD Americas	1	1	56	102	88	83	78	79	..
Non-OECD Americas	**2 199**	**3 747**	**6 608**	**11 350**	**17 937**	**41 281**	**51 918**	**59 059**	**..**
Bahrain	-	-	-	-	-	-	-	-	..
Islamic Republic of Iran	-	-	-	-	-	10	21	47	..
Iraq	-	-	-	-	-	-	-	-	..
Jordan	-	-	-	-	5	9	6	6	..
Kuwait	-	-	-	-	-	-	-	-	..
Lebanon	-	-	-	-	-	-	-	-	..
Oman	-	-	-	-	-	-	-	-	..
Qatar	-	-	-	-	-	-	-	-	..
Saudi Arabia	-	-	-	-	-	-	-	-	..
Syrian Arab Republic	-	-	-	-	-	-	-	-	..
United Arab Emirates	-	-	-	-	-	-	-	-	..
Yemen	-	-	-	-	-	-	-	-	..
Middle East	**-**	**-**	**-**	**-**	**5**	**19**	**27**	**53**	**..**

1. Please refer to section 'Geographical coverage'.

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Total production of electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**6 144 359**	**8 299 211**	**11 913 171**	**15 551 580**	**18 408 581**	**21 581 897**	**23 453 532**	**23 903 353**	**..**
Non-OECD Total	**1 659 619**	**2 615 259**	**4 201 545**	**5 711 653**	**7 790 016**	**10 624 166**	**12 555 211**	**13 056 417**	**..**
OECD Total[1]	**4 484 740**	**5 683 952**	**7 711 626**	**9 839 927**	**10 618 565**	**10 957 731**	**10 898 321**	**10 846 936**	**10 822 381**
Canada	270 198	373 379	482 152	605 707	621 705	595 951	660 795	656 225	631 566
Chile	8 766	11 751	18 372	40 078	52 484	60 434	73 065	73 719	74 097
Mexico	37 100	66 962	115 837	205 675	250 718	275 537	297 326	301 496	307 419
United States	1 965 509	2 427 320	3 218 621	4 052 667	4 294 368	4 378 430	4 306 371	4 339 210	4 312 198
OECD Americas	**2 281 573**	**2 879 412**	**3 834 982**	**4 904 127**	**5 219 275**	**5 310 352**	**5 337 557**	**5 370 650**	**5 325 280**
Australia	64 800	96 073	155 019	210 224	228 650	252 698	249 720	248 299	248 686
Israel	8 720	12 404	20 898	42 661	48 602	58 591	61 322	60 813	65 231
Japan	470 287	576 331	881 500	1 099 671	1 139 245	1 147 899	1 065 623	1 040 676	1 014 931
Korea	14 825	37 239	105 371	290 126	389 390	499 508	541 996	550 933	548 693
New Zealand	18 531	22 596	32 265	39 247	42 968	44 876	43 265	43 553	44 196
OECD Asia Oceania	**577 163**	**744 643**	**1 195 053**	**1 681 929**	**1 848 855**	**2 003 572**	**1 961 926**	**1 944 274**	**1 921 737**
Austria	31 325	41 965	50 294	61 257	66 408	71 128	68 277	65 421	65 296
Belgium	41 067	53 642	70 923	84 012	87 025	95 189	83 526	72 688	68 137
Czech Republic	41 174	52 656	62 559	73 466	82 578	85 910	87 065	86 024	83 887
Denmark	19 120	26 765	25 982	36 053	36 246	38 862	34 760	32 183	28 730
Estonia	..	..	17 181	8 513	10 205	12 964	13 275	12 446	10 417
Finland	26 102	40 747	54 377	69 976	70 582	80 674	71 257	68 093	68 596
France	182 528	257 979	420 751	539 954	576 062	569 097	572 308	562 776	568 180
Germany	375 903	467 578	550 015	576 543	622 579	632 983	638 729	627 795	651 504
Greece	14 817	22 653	35 003	53 843	60 020	57 392	57 152	50 474	47 961
Hungary	17 643	23 876	28 436	35 191	35 756	37 371	30 291	29 371	30 191
Iceland	2 320	3 184	4 510	7 684	8 686	17 059	18 116	18 122	18 799
Ireland	7 348	10 883	14 515	23 977	25 970	28 685	26 142	26 314	28 663
Italy	145 518	185 741	216 600	276 641	303 700	302 063	289 807	279 827	282 038
Luxembourg	2 186	1 110	1 377	1 169	4 132	4 590	2 888	2 967	2 736
Netherlands	52 627	64 806	71 939	89 631	99 921	119 270	101 736	103 418	110 003
Norway	73 055	84 099	121 848	142 982	138 009	123 640	133 975	142 327	145 021
Poland	84 302	121 871	136 311	145 184	156 936	157 657	164 580	159 059	164 830
Portugal	9 821	15 263	28 501	43 764	46 575	54 090	51 672	52 802	52 158
Slovak Republic	12 299	20 076	26 132	31 158	31 455	27 858	28 832	27 401	26 314
Slovenia	..	..	12 444	13 624	15 117	16 440	16 103	17 437	15 090
Spain	76 272	110 483	151 920	224 472	294 077	301 527	285 632	278 750	280 480
Sweden	78 080	96 695	146 514	145 266	158 436	148 563	153 166	153 662	161 440
Switzerland	38 024	49 247	56 179	67 520	59 649	67 816	70 227	71 767	67 500
Turkey	12 425	23 275	57 543	124 922	161 956	211 208	240 154	251 963	259 690
United Kingdom	282 048	285 303	319 737	377 069	398 355	381 771	359 168	338 925	337 703
OECD Europe[1]	**1 626 004**	**2 059 897**	**2 681 591**	**3 253 871**	**3 550 435**	**3 643 807**	**3 598 838**	**3 532 012**	**3 575 364**
IEA[1]	*4 427 834*	*5 589 651*	*7 539 565*	*9 530 205*	*10 242 958*	*10 529 670*	*10 432 389*	*10 375 349*	*10 341 745*
European Union - 28	..	..	*2 595 150*	*3 035 750*	*3 325 382*	*3 366 430*	*3 270 601*	*3 190 681*	..
G7	*3 691 991*	*4 573 631*	*6 089 376*	*7 528 252*	*7 956 014*	*8 008 194*	*7 892 801*	*7 845 434*	..
G8	..	..	*7 171 528*	*8 406 018*	*8 909 100*	*9 046 224*	*8 951 893*	*8 909 641*	..
G20	..	..	*10 179 210*	*13 327 338*	*15 676 431*	*18 302 249*	*19 837 801*	*20 175 092*	..
OPEC	*48 615*	*130 902*	*298 932*	*513 824*	*704 411*	*947 971*	*1 088 068*	*1 161 876*	..

Includes electricity from hydro pumped storage.
Includes small amounts of electricity from tide, wave, chemical heat and other sources.
1. Please refer to section 'Geographical coverage'.

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Total production of electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**1 659 619**	**2 615 259**	**4 201 545**	**5 711 653**	**7 790 016**	**10 624 166**	**12 555 211**	**13 056 417**	**..**
Albania	1 702	3 715	3 296	4 778	5 443	7 568	6 959	4 724	..
Armenia	..	..	10 362	5 958	6 317	6 491	7 710	7 750	..
Azerbaijan	..	..	23 152	18 699	22 872	18 710	23 354	24 728	..
Belarus	..	..	39 526	26 101	30 961	34 895	31 507	34 735	..
Bosnia and Herzegovina	..	..	14 632	10 429	12 602	17 124	17 451	16 160	..
Bulgaria	21 956	34 835	42 141	40 924	44 365	46 653	43 784	47 485	..
Croatia	..	..	9 062	11 281	13 162	14 902	14 052	13 554	..
Cyprus[1]	830	1 034	1 974	3 370	4 377	5 322	4 290	4 350	..
FYR of Macedonia	..	..	5 758	6 811	6 945	7 260	6 094	5 374	..
Georgia	..	..	13 724	7 424	7 267	10 124	10 059	10 371	..
Gibraltar	49	54	79	125	145	177	189	198	..
Kazakhstan	..	..	87 379	51 324	67 847	82 646	103 086	105 068	..
Kosovo	..	..	..	2 957	4 458	5 168	6 525	5 436	..
Kyrgyzstan	..	..	15 732	14 931	14 891	12 100	14 011	14 572	..
Latvia	..	..	6 648	4 136	4 906	6 627	6 209	5 141	..
Lithuania	..	..	28 405	11 425	14 784	5 749	4 762	4 397	..
Malta	365	527	1 100	1 917	2 240	2 114	2 251	2 245	..
Moldova	..	..	16 221	5 606	5 990	6 113	4 491	5 351	..
Montenegro	..	..	..	..	2 864	4 022	3 945	3 174	..
Romania	46 779	67 486	64 309	51 934	59 413	60 979	58 887	65 676	..
Russian Federation	..	..	1 082 152	877 766	953 086	1 038 030	1 059 092	1 064 207	..
Serbia	..	..	40 948	34 140	36 474	38 103	39 877	34 060	..
Tajikistan	..	..	18 146	14 247	17 090	16 435	17 115	16 472	..
Turkmenistan	..	..	14 610	9 845	12 820	16 660	18 870	20 400	..
Ukraine	..	..	298 835	171 445	186 055	188 584	194 377	182 815	..
Uzbekistan	..	..	56 325	46 864	49 200	51 700	54 200	55 400	..
Former Soviet Union	914 600	1 294 000	x	x	x	x	x	x	x
Former Yugoslavia	35 062	59 716	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**1 021 343**	**1 461 367**	**1 894 516**	**1 434 437**	**1 586 574**	**1 704 256**	**1 753 147**	**1 753 843**	**..**
Algeria	2 806	7 123	16 104	25 412	33 915	45 734	59 890	64 242	..
Angola	984	675	841	1 445	2 786	5 449	8 216	9 480	..
Benin	9	10	21	84	107	150	173	184	..
Botswana	..	..	906	1 140	1 052	450	1 907	2 363	..
Cameroon	1 118	1 453	2 697	3 480	4 004	5 899	6 175	6 922	..
Congo	96	155	493	296	433	784	1 709	1 740	..
Côte d'Ivoire	796	1 749	1 983	4 800	5 681	5 965	7 650	8 286	..
Dem. Rep. of the Congo	3 848	4 445	5 650	5 982	7 374	7 905	8 240	8 831	..
Egypt	8 106	18 939	42 256	78 143	108 690	146 796	168 050	171 747	..
Eritrea	..	..	..	210	288	311	363	370	..
Ethiopia	591	689	1 202	1 674	2 845	4 980	8 719	9 615	..
Gabon	165	530	978	1 315	1 574	1 932	2 264	2 367	..
Ghana	3 910	5 317	5 721	7 223	6 788	10 167	12 871	12 963	..
Kenya	901	1 630	3 235	4 006	5 805	7 394	8 876	9 258	..
Libya	1 147	4 800	10 169	15 496	22 672	32 558	37 913	37 731	..
Mauritius	187	355	780	1 778	2 272	2 689	2 888	2 934	..
Morocco	2 875	5 247	9 628	12 863	19 737	23 835	27 929	29 142	..
Mozambique	641	462	454	9 696	13 285	16 666	14 895	17 744	..
Namibia	..	..	..	1 407	1 660	1 305	1 331	1 498	..
Niger	..	..	..	206	229	293	443	443	..
Nigeria	2 625	7 169	13 463	14 727	23 539	26 121	28 883	30 390	..
Senegal	442	676	945	1 604	2 544	3 076	3 561	3 729	..
South Africa	64 390	98 951	167 226	210 670	244 922	259 601	256 073	252 578	..
South Sudan	..	..	..	..	..	..	472	488	..
Sudan[1]	610	817	1 515	2 569	3 826	7 499	10 284	11 376	..
Tanzania	582	792	1 628	2 472	3 555	5 274	5 941	6 219	..
Togo	101	51	158	175	189	179	93	142	..
Tunisia	1 179	2 924	5 811	10 596	12 661	16 372	18 381	19 024	..
Zambia	3 368	9 300	8 013	7 798	8 936	10 448	13 300	14 452	..
Zimbabwe	5 172	4 541	9 362	6 995	9 374	8 665	9 570	10 023	..
Other Africa	3 912	5 160	6 674	10 115	12 746	15 676	17 995	18 758	..
Africa	**110 561**	**183 960**	**317 913**	**444 377**	**563 489**	**674 173**	**745 055**	**765 039**	**..**

Includes electricity from hydro pumped storage.
Includes small amounts of electricity from tide, wave, chemical heat and other sources.
1. Please refer to section 'Geographical coverage'.

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Total production of electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	1 404	2 353	7 732	15 771	26 447	40 790	53 120	55 845	..
Brunei Darussalam	246	343	1 172	2 543	3 264	3 792	4 402	4 506	..
Cambodia	..	..	..	448	964	994	1 778	3 059	..
DPR of Korea	16 580	21 200	27 700	19 400	22 912	21 664	18 332	17 909	..
India	72 796	120 409	292 732	569 688	715 656	979 416	1 193 480	1 287 398	..
Indonesia	2 370	7 502	32 667	93 325	127 529	169 755	215 593	228 555	..
Malaysia	4 773	10 049	23 016	69 255	82 673	124 786	138 348	147 469	..
Mongolia	..	..	3 348	2 946	3 419	4 313	5 020	5 376	..
Myanmar	821	1 487	2 478	5 118	6 016	7 543	12 247	14 157	..
Nepal	104	217	878	1 659	2 533	3 208	3 517	3 797	..
Pakistan	8 377	14 974	37 673	68 116	93 629	94 384	104 076	105 305	..
Philippines	13 186	18 009	26 327	45 290	56 567	67 742	75 266	77 262	..
Singapore	3 719	6 991	15 714	31 665	38 213	45 361	47 969	49 380	..
Sri Lanka	1 031	1 668	3 150	7 004	9 324	10 801	12 023	12 461	..
Chinese Taipei	20 735	42 607	90 205	184 862	227 362	246 996	252 351	260 025	..
Thailand	6 971	14 426	44 176	95 977	132 197	159 522	170 417	173 631	..
Viet Nam	2 350	3 559	8 681	26 561	53 656	94 903	125 054	140 913	..
Other Asia	4 691	7 175	8 431	13 769	16 702	20 941	22 904	24 293	..
Asia excluding China	160 154	272 969	626 080	1 253 397	1 619 063	2 096 911	2 455 897	2 611 341	..
People's Republic of China	168 689	300 630	621 268	1 355 738	2 500 466	4 207 993	5 447 247	5 678 945	..
Hong Kong, China	6 799	12 634	28 938	31 331	38 451	38 387	39 158	39 902	..
China	**175 488**	**313 264**	**650 206**	**1 387 069**	**2 538 917**	**4 246 380**	**5 486 405**	**5 718 847**	**..**
Argentina	26 661	39 706	51 005	88 977	105 750	125 594	139 467	141 586	..
Bolivia	1 171	1 619	2 311	3 880	4 896	6 777	8 065	8 755	..
Brazil	64 726	139 380	222 821	348 910	403 033	515 745	571 088	590 632	..
Colombia	11 627	20 446	36 357	43 125	50 337	59 424	69 459	69 920	..
Costa Rica	1 347	2 226	3 468	6 919	8 260	9 583	10 235	10 217	..
Cuba	5 708	9 989	15 024	15 032	15 342	17 397	19 140	19 366	..
Curaçao[1]	775	850	790	1 121	1 248	1 323	904	891	..
Dominican Republic	2 246	3 258	3 698	12 857	12 689	15 334	17 680	18 573	..
Ecuador	1 256	3 372	6 349	10 612	12 675	19 509	23 261	24 307	..
El Salvador	917	1 460	2 218	3 377	4 823	5 984	6 272	6 223	..
Guatemala	908	1 952	2 186	6 048	8 049	8 893	9 920	10 725	..
Haiti	122	314	597	547	556	587	1 055	1 033	..
Honduras	486	906	2 319	3 652	5 603	6 777	8 074	8 038	..
Jamaica	2 187	1 676	2 458	6 606	7 422	4 320	3 993	4 124	..
Nicaragua	678	1 005	1 457	2 351	3 051	3 659	4 163	4 444	..
Panama	1 179	1 812	2 661	4 887	5 827	7 383	8 958	9 287	..
Paraguay	378	767	27 185	53 492	51 166	54 066	60 381	55 282	..
Peru	6 660	10 031	13 808	19 914	25 499	35 890	43 309	45 527	..
Suriname	..	..	..	1 172	1 518	1 724	2 184	2 180	..
Trinidad and Tobago	1 105	2 035	3 577	5 459	7 058	8 485	9 505	9 891	..
Uruguay	2 551	4 600	7 444	7 588	7 682	10 995	11 662	13 011	..
Venezuela	16 445	35 803	59 321	85 271	105 384	113 765	123 160	127 732	..
Other Non-OECD Americas	15 306	17 769	22 189	31 073	36 934	36 097	35 687	35 684	..
Non-OECD Americas	**164 439**	**300 976**	**489 243**	**762 870**	**884 802**	**1 069 311**	**1 187 622**	**1 217 428**	**..**
Bahrain	500	1 660	7 989	13 859	19 373	23 824	25 916	27 253	..
Islamic Republic of Iran	12 093	22 380	59 102	121 369	178 088	232 959	262 434	274 609	..
Iraq	3 519	11 383	24 000	31 900	30 400	48 908	58 422	67 768	..
Jordan	315	1 070	3 638	7 375	9 654	14 777	17 263	18 220	..
Kuwait	3 651	9 023	18 477	32 323	43 734	57 029	60 982	65 140	..
Lebanon	1 791	2 752	1 500	9 647	12 338	15 712	17 487	17 952	..
Oman	47	818	4 501	9 111	12 663	19 819	26 240	29 128	..
Qatar	420	2 416	4 818	9 134	14 396	28 144	34 668	38 692	..
Saudi Arabia	2 949	20 452	69 208	126 191	176 124	240 067	284 017	311 806	..
Syrian Arab Republic	1 423	3 960	11 611	25 217	34 935	46 413	24 933	21 726	..
United Arab Emirates	720	6 306	17 080	39 944	60 698	97 728	106 222	109 979	..
Yemen	206	503	1 663	3 433	4 768	7 755	8 501	7 646	..
Middle East	**27 634**	**82 723**	**223 587**	**429 503**	**597 171**	**833 135**	**927 085**	**989 919**	**..**

Includes electricity from hydro pumped storage.
Includes small amounts of electricity from tide, wave, chemical heat and other sources.
1. Please refer to section 'Geographical coverage'.

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Production of electricity from renewable sources

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**1 321 603**	**1 772 535**	**2 298 725**	**2 836 665**	**3 291 261**	**4 204 520**	**5 063 104**	**5 322 768**	**..**
Non-OECD Total	**389 880**	**657 865**	**978 722**	**1 319 977**	**1 700 211**	**2 278 990**	**2 760 605**	**2 941 124**	**..**
OECD Total[1]	**931 723**	**1 114 670**	**1 320 003**	**1 516 688**	**1 591 050**	**1 925 530**	**2 302 499**	**2 381 644**	**2 471 135**
Canada	194 654	252 448	300 691	366 993	369 431	366 092	416 349	412 035	414 294
Chile	5 646	7 976	9 891	19 457	28 280	24 296	26 060	30 358	30 736
Mexico	16 350	17 801	28 604	40 732	38 060	45 747	39 543	52 893	46 610
United States	268 132	284 590	369 241	330 364	366 205	440 677	541 802	559 496	561 174
OECD Americas	**484 782**	**562 815**	**708 427**	**757 546**	**801 976**	**876 812**	**1 023 754**	**1 054 782**	**1 052 814**
Australia	11 749	13 327	14 898	17 590	20 103	21 758	33 110	37 008	34 004
Israel	-	-	3	31	39	170	571	921	1 403
Japan	67 047	89 192	98 204	99 191	94 947	120 069	129 323	145 260	164 783
Korea	1 284	1 984	6 362	4 111	4 052	6 186	8 783	8 552	7 751
New Zealand	15 559	20 425	25 814	28 062	27 601	32 833	32 129	34 458	35 398
OECD Asia Oceania	**95 639**	**124 928**	**145 281**	**148 985**	**146 742**	**181 016**	**203 916**	**226 199**	**243 339**
Austria	18 952	29 049	32 635	43 435	40 610	44 980	50 335	49 971	47 207
Belgium	287	578	555	1 044	2 106	6 494	11 624	12 169	13 949
Czech Republic	1 081	2 399	1 161	2 284	3 132	5 902	9 309	9 172	8 791
Denmark	24	41	825	5 572	9 812	12 429	15 984	17 982	17 456
Estonia	..	..	-	18	111	1 044	1 220	1 389	1 500
Finland	10 515	10 216	16 015	23 379	23 468	24 195	25 629	26 271	29 867
France	48 489	70 234	55 779	69 402	56 325	78 195	96 673	91 406	89 433
Germany	18 145	21 921	19 093	35 475	62 505	104 809	152 366	162 513	196 030
Greece	2 223	3 405	1 771	4 144	6 406	10 522	14 349	12 177	13 986
Hungary	101	112	195	243	1 870	3 020	2 788	3 137	3 159
Iceland	2 233	3 137	4 504	7 679	8 681	17 057	18 111	18 119	18 795
Ireland	644	838	697	1 185	1 873	3 729	5 622	6 385	7 845
Italy	41 368	49 204	34 905	50 879	48 439	76 965	112 012	120 679	109 562
Luxembourg	47	113	83	173	211	267	370	399	405
Netherlands	-	1 024	806	2 972	7 445	11 197	12 183	11 708	13 605
Norway	72 867	83 613	121 358	142 105	136 520	117 979	130 370	138 311	141 006
Poland	1 679	2 597	1 472	2 332	3 847	10 888	17 067	19 843	22 677
Portugal	7 525	8 335	9 852	12 868	8 260	28 353	29 471	31 560	24 061
Slovak Republic	1 322	2 257	1 880	4 615	4 676	5 940	6 353	6 229	5 902
Slovenia	..	..	2 950	3 904	3 575	4 749	5 110	6 611	4 350
Spain	28 968	29 912	26 032	34 494	42 263	97 776	111 406	110 269	96 958
Sweden	60 271	59 589	74 452	83 140	81 232	82 101	82 688	85 741	100 765
Switzerland	27 903	32 978	30 236	37 691	32 280	37 471	40 678	40 670	41 084
Turkey	2 800	11 484	23 228	31 154	39 748	55 712	69 220	52 628	83 257
United Kingdom	3 858	3 891	5 811	9 970	16 937	25 928	53 891	65 324	83 332
OECD Europe[1]	**351 302**	**426 927**	**466 295**	**610 157**	**642 332**	**867 702**	**1 074 829**	**1 100 663**	**1 174 982**
IEA[1]	*907 494*	*1 085 756*	*1 274 051*	*1 444 885*	*1 512 415*	*1 833 511*	*2 213 104*	*2 272 742*	*2 369 241*
European Union - 28	*..*	*..*	*309 296*	*418 596*	*460 593*	*679 489*	*858 221*	*900 095*	*..*
G7	*641 693*	*771 480*	*883 724*	*962 274*	*1 014 789*	*1 212 735*	*1 502 416*	*1 556 713*	*..*
G8	*..*	*..*	*1 049 706*	*1 126 433*	*1 187 924*	*1 379 763*	*1 684 053*	*1 732 723*	*..*
G20	*..*	*..*	*1 751 375*	*2 133 934*	*2 495 127*	*3 343 688*	*4 092 823*	*4 329 269*	*..*
OPEC	*13 216*	*25 404*	*55 900*	*81 387*	*116 928*	*110 372*	*125 201*	*127 288*	*..*

Includes electricity from hydro, geothermal, solar, wind, tide, wave, biofuels and the renewable fraction of municipal waste.
Excludes electricity from hydro pumped storage.
1. Please refer to section 'Geographical coverage'.

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Production of electricity from renewable sources

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**389 880**	**657 865**	**978 722**	**1 319 977**	**1 700 211**	**2 278 990**	**2 760 605**	**2 941 124**	**..**
Albania	1 127	2 950	2 848	4 594	5 373	7 567	6 959	4 724	..
Armenia	..	..	1 555	1 261	1 773	2 563	2 177	1 996	..
Azerbaijan	..	..	1 658	1 534	3 009	3 447	1 558	1 392	..
Belarus	..	..	20	27	37	130	266	251	..
Bosnia and Herzegovina	..	..	3 058	5 094	5 998	8 026	7 236	5 935	..
Bulgaria	2 570	3 713	1 878	2 673	4 342	5 788	6 925	7 388	..
Croatia	..	..	4 128	6 454	7 060	9 298	9 275	9 937	..
Cyprus[1]	-	-	-	-	1	73	327	317	..
FYR of Macedonia	..	..	491	1 170	1 492	2 431	1 593	1 292	..
Georgia	..	..	7 577	5 860	6 236	9 367	8 271	8 335	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	7 366	7 531	7 856	8 022	7 737	8 277	..
Kosovo	..	..	..	52	112	157	143	151	..
Kyrgyzstan	..	..	9 986	12 825	12 788	11 108	13 097	13 298	..
Latvia	..	..	4 496	2 823	3 414	3 635	3 534	2 804	..
Lithuania	..	..	414	340	460	911	1 526	1 511	..
Malta	-	-	-	-	-	1	35	75	..
Moldova	..	..	257	377	377	407	313	332	..
Montenegro	..	..	..	..	1 866	2 750	2 504	1 752	..
Romania	7 547	12 637	11 411	14 778	20 213	20 300	20 149	27 128	..
Russian Federation	..	..	165 982	164 159	173 135	167 028	181 637	176 010	..
Serbia	..	..	9 471	12 000	12 032	11 891	10 224	11 032	..
Tajikistan	..	..	16 500	14 025	16 967	16 400	17 071	16 000	..
Turkmenistan	..	..	700	-	-	-	-	-	..
Ukraine	..	..	10 514	11 280	12 401	13 391	15 111	10 164	..
Uzbekistan	..	..	6 648	5 879	8 630	10 846	11 560	11 830	..
Former Soviet Union	145 100	211 713	x	x	x	x	x	x	x
Former Yugoslavia	16 394	28 161	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**172 738**	**259 174**	**266 958**	**274 736**	**305 572**	**315 537**	**329 228**	**321 931**	**..**
Algeria	752	257	135	54	555	174	330	254	..
Angola	814	595	725	912	2 219	3 703	4 767	5 041	..
Benin	-	-	-	2	1	1	1	1	..
Botswana	..	..	-	-	-	-	1	1	..
Cameroon	1 068	1 365	2 656	3 442	3 772	4 319	4 299	5 140	..
Congo	50	100	490	295	355	429	971	952	..
Côte d'Ivoire	168	1 352	1 322	1 764	1 547	1 687	1 674	1 983	..
Dem. Rep. of the Congo	3 768	4 243	5 625	5 979	7 367	7 819	8 231	8 820	..
Egypt	5 156	9 801	9 932	13 834	13 196	14 750	14 469	15 541	..
Eritrea	..	..	..	1	1	2	2	2	..
Ethiopia	333	484	1 062	1 651	2 833	4 949	8 711	9 606	..
Gabon	5	260	708	810	820	916	944	807	..
Ghana	3 872	5 276	5 721	6 609	5 629	6 996	8 236	8 391	..
Kenya	516	1 200	3 004	1 882	4 160	5 107	6 150	7 544	..
Libya	-	-	-	-	-	-	-	-	..
Mauritius	98	110	243	527	568	654	595	596	..
Morocco	1 192	1 515	1 220	782	1 185	4 127	4 061	3 561	..
Mozambique	191	301	284	9 652	13 264	16 647	14 546	16 175	..
Namibia	..	..	..	1 396	1 656	1 247	1 272	1 485	..
Niger	..	..	..	-	2	3	4	4	..
Nigeria	1 858	2 783	4 387	5 628	7 768	6 374	5 326	5 346	..
Senegal	38	40	44	53	322	330	371	389	..
South Africa	985	992	1 010	1 408	1 609	2 433	1 737	3 468	..
South Sudan	..	..	..	..	..	..	2	2	..
Sudan[1]	427	572	958	1 183	1 261	6 202	8 315	8 913	..
Tanzania	296	684	1 549	2 135	1 778	2 726	1 753	2 630	..
Togo	38	38	95	100	76	97	76	125	..
Tunisia	73	24	46	87	187	190	429	588	..
Zambia	3 097	9 194	7 951	7 750	8 883	10 435	13 281	14 042	..
Zimbabwe	3 487	4 008	4 369	3 194	4 915	5 893	5 162	5 575	..
Other Africa	2 015	2 413	3 572	5 520	6 392	7 005	8 292	8 639	..
Africa	**30 297**	**47 607**	**57 108**	**76 650**	**92 321**	**115 215**	**124 008**	**135 621**	**..**

Includes electricity from hydro, geothermal, solar, wind, tide, wave, biofuels and the renewable fraction of municipal waste.
Excludes electricity from hydro pumped storage.
1. Please refer to section 'Geographical coverage'.

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Production of electricity from renewable sources

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	331	583	884	749	749	729	1 034	737	..
Brunei Darussalam	-	-	-	-	-	-	2	2	..
Cambodia	..	..	..	1	59	49	1 030	1 869	..
DPR of Korea	9 480	10 600	15 600	10 200	13 132	13 400	13 900	13 000	..
India	28 979	46 557	71 688	77 426	118 935	157 135	201 131	198 383	..
Indonesia	1 030	1 345	6 833	14 891	17 351	26 913	26 598	26 138	..
Malaysia	1 108	1 396	3 989	6 966	5 192	7 478	11 867	14 316	..
Mongolia	..	..	-	-	-	-	85	170	..
Myanmar	576	796	1 193	1 892	2 997	5 105	8 823	8 829	..
Nepal	81	203	877	1 632	2 517	3 205	3 507	3 796	..
Pakistan	4 355	8 714	16 925	17 194	30 862	31 811	32 270	31 825	..
Philippines	1 875	5 599	11 959	19 425	18 308	17 815	19 873	19 777	..
Singapore	-	-	85	245	478	592	742	821	..
Sri Lanka	708	1 479	3 145	3 208	3 471	5 737	7 199	4 885	..
Chinese Taipei	3 399	2 926	6 384	5 616	5 920	7 323	9 315	8 417	..
Thailand	1 880	1 273	4 976	6 537	7 330	8 949	14 107	15 771	..
Viet Nam	420	1 488	5 369	14 551	16 995	27 655	52 100	58 690	..
Other Asia	1 109	2 332	4 621	8 203	8 847	13 509	14 924	15 829	..
Asia excluding China	55 331	85 291	154 528	188 736	253 143	327 405	418 507	423 255	..
People's Republic of China	38 000	58 210	126 788	225 588	404 451	781 588	1 103 418	1 281 014	..
Hong Kong, China	-	-	-	-	-	93	95	99	..
China	**38 000**	**58 210**	**126 788**	**225 588**	**404 451**	**781 681**	**1 103 513**	**1 281 113**	**..**
Argentina	3 051	15 240	17 983	29 482	35 366	35 807	43 894	44 548	..
Bolivia	984	1 095	1 212	1 999	2 020	2 301	2 595	2 452	..
Brazil	58 640	130 712	210 567	312 249	351 141	436 961	437 961	431 641	..
Colombia	7 939	14 512	27 771	32 570	40 355	42 857	51 399	51 914	..
Costa Rica	1 138	2 130	3 382	6 860	7 989	8 942	9 039	9 174	..
Cuba	781	1 051	1 540	1 033	488	564	833	778	..
Curaçao[1]	-	-	-	8	32	32	32	32	..
Dominican Republic	605	633	374	1 250	2 464	1 913	2 524	2 462	..
Ecuador	435	872	4 987	7 609	6 986	8 875	11 396	11 953	..
El Salvador	492	1 438	2 067	1 961	2 809	3 892	3 791	3 715	..
Guatemala	276	286	2 003	3 128	3 822	5 678	6 663	7 358	..
Haiti	96	232	474	283	265	177	141	90	..
Honduras	359	782	2 279	2 261	1 846	3 240	3 775	3 523	..
Jamaica	304	402	186	320	274	332	393	403	..
Nicaragua	379	532	894	503	1 056	1 354	2 179	2 395	..
Panama	104	986	2 269	3 442	3 747	4 216	5 189	5 182	..
Paraguay	342	700	27 178	53 492	51 166	54 065	60 378	55 276	..
Peru	4 999	7 095	10 605	16 327	18 428	20 716	23 335	23 762	..
Suriname	..	..	..	1 036	800	1 210	1 309	1 359	..
Trinidad and Tobago	29	26	31	20	22	-	-	-	..
Uruguay	1 565	3 488	7 068	7 086	6 722	9 634	9 432	11 829	..
Venezuela	6 225	14 587	36 983	62 886	77 229	76 780	83 545	87 194	..
Other Non-OECD Americas	1 144	1 063	1 564	442	2 090	1 636	1 376	1 405	..
Non-OECD Americas	**89 887**	**197 862**	**361 417**	**546 247**	**617 117**	**721 182**	**761 179**	**758 445**	**..**
Bahrain	-	-	-	-	-	-	-	-	..
Islamic Republic of Iran	2 842	5 620	6 083	3 687	16 171	9 699	14 979	14 267	..
Iraq	290	690	2 600	611	6 000	4 767	4 757	2 931	..
Jordan	-	-	12	42	65	73	64	66	..
Kuwait	-	-	-	-	-	-	-	-	..
Lebanon	478	850	500	449	1 046	839	1 269	193	..
Oman	-	-	-	-	-	-	-	-	..
Qatar	-	-	-	-	-	-	-	-	..
Saudi Arabia	-	-	-	-	-	-	1	1	..
Syrian Arab Republic	17	2 561	2 728	3 231	4 325	2 592	3 000	3 000	..
United Arab Emirates	-	-	-	-	-	-	100	301	..
Yemen	-	-	-	-	-	-	-	-	..
Middle East	**3 627**	**9 721**	**11 923**	**8 020**	**27 607**	**17 970**	**24 170**	**20 759**	**..**

Includes electricity from hydro, geothermal, solar, wind, tide, wave, biofuels and the renewable fraction of municipal waste.
Excludes electricity from hydro pumped storage.
1. Please refer to section 'Geographical coverage'.

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Production of heat

Unit: TJ	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**3 781 470**	**5 837 472**	**15 865 610**	**12 241 885**	**13 359 594**	**14 116 149**	**14 153 847**	**13 822 239**	**..**
Non-OECD Total	**2 778 075**	**4 166 134**	**13 791 735**	**9 802 649**	**10 440 585**	**10 816 633**	**11 047 892**	**10 852 306**	**..**
OECD Total[1]	**1 003 395**	**1 671 338**	**2 073 875**	**2 439 236**	**2 919 009**	**3 299 516**	**3 105 955**	**2 969 933**	**3 000 715**
Canada	4 003	43 140	28 587	35 983	38 614	19 478	28 679	37 679	37 679
Chile	-	-	-	-	-	-	1 091	1 936	1 936
Mexico	-	-	-	-	-	-	-	-	-
United States	-	-	101 308	323 778	249 773	508 287	453 413	428 607	440 862
OECD Americas	**4 003**	**43 140**	**129 895**	**359 761**	**288 387**	**527 765**	**483 183**	**468 222**	**480 477**
Australia	-	5 443	2 269	-	-	-	-	-	-
Israel	-	-	-	-	-	-	-	-	-
Japan	1 160	4 270	8 464	23 460	26 185	25 028	21 952	21 952	21 310
Korea	-	-	-	140 095	192 499	191 755	200 831	207 544	206 189
New Zealand	-	-	1 610	1 610	1 947	1 468	850	850	1 316
OECD Asia Oceania	**1 160**	**9 713**	**12 343**	**165 165**	**220 631**	**218 251**	**223 633**	**230 346**	**228 815**
Austria	-	7 817	28 447	47 883	61 603	84 585	87 585	79 998	84 513
Belgium	14 013	17 128	9 742	23 171	22 366	38 304	37 682	36 485	36 485
Czech Republic	-	71 602	154 981	139 216	139 236	130 340	125 401	122 225	122 213
Denmark	-	30 806	92 389	119 172	129 020	152 058	136 038	122 136	126 475
Estonia	..	..	103 826	27 031	26 777	25 548	23 028	21 812	21 205
Finland	26 471	52 704	86 832	150 131	178 131	209 475	186 894	181 799	173 710
France	10 808	9 968	19 997	135 470	178 280	160 796	134 469	122 029	122 029
Germany	268 696	360 840	448 383	315 920	493 999	515 168	488 311	438 340	462 644
Greece	-	-	-	1 174	2 049	1 941	1 738	2 073	2 192
Hungary	49 763	79 310	73 854	69 157	63 597	52 984	49 019	42 791	44 933
Iceland	-	1 576	15 799	18 236	19 744	21 549	22 735	23 118	23 819
Ireland	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	193 064	205 341	216 409	205 954	223 527
Luxembourg	-	-	-	536	3 157	3 109	3 247	3 587	2 173
Netherlands	-	-	15 058	172 367	178 496	159 878	150 090	147 157	140 938
Norway	-	-	6 471	8 222	12 727	22 256	25 694	26 026	27 372
Poland	596 582	837 323	739 569	340 684	336 291	335 834	302 342	276 887	278 571
Portugal	-	892	1 188	5 626	13 712	21 111	25 569	21 422	21 050
Slovak Republic	31 899	27 226	33 552	36 824	52 545	48 582	42 530	34 804	35 166
Slovenia	..	..	8 223	9 389	10 104	9 781	9 428	8 183	8 638
Spain	-	-	181	-	-	-	-	-	-
Sweden	-	107 326	78 134	157 919	181 066	224 230	190 148	179 896	162 909
Switzerland	-	8 930	15 011	17 889	21 246	22 332	21 039	18 571	20 060
Turkey	-	-	-	16 183	35 597	51 330	55 626	88 048	82 777
United Kingdom	-	5 037	-	102 110	57 184	56 968	64 117	68 024	68 024
OECD Europe[1]	**998 232**	**1 618 485**	**1 931 637**	**1 914 310**	**2 409 991**	**2 553 500**	**2 399 139**	**2 271 365**	**2 291 423**
IEA[1]	*1 003 395*	*1 669 762*	*2 049 853*	*2 411 611*	*2 889 161*	*3 268 186*	*3 072 701*	*2 936 696*	*2 966 322*
European Union - 28	..	..	*2 577 647*	*2 186 913*	*2 594 831*	*2 684 465*	*2 493 529*	*2 326 974*	..
G7	*284 667*	*423 255*	*606 739*	*936 721*	*1 237 099*	*1 491 066*	*1 407 350*	*1 322 585*	..
G8	..	..	*10 005 133*	*7 423 565*	*7 472 266*	*7 506 697*	*7 119 097*	*6 855 749*	..
G20	..	..	*12 743 033*	*10 677 716*	*11 668 511*	*12 520 871*	*12 614 821*	*12 430 207*	..
OPEC	-	-	-	-	-	-	-	-	..

1. Please refer to section 'Geographical coverage'.

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Production of heat

Unit: TJ	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**2 778 075**	**4 166 134**	**13 791 735**	**9 802 649**	**10 440 585**	**10 816 633**	**11 047 892**	**10 852 306**	**..**
Albania	-	-	353	229	-	-	-	-	..
Armenia	..	..	14 738	2 859	1 838	494	127	-	..
Azerbaijan	..	..	96 795	16 974	23 276	3 789	5 436	6 778	..
Belarus	..	..	426 333	278 947	288 976	278 221	263 853	254 934	..
Bosnia and Herzegovina	..	..	1 397	1 213	1 529	6 001	5 722	5 000	..
Bulgaria	33 065	84 100	210 056	50 750	52 111	59 350	53 017	54 179	..
Croatia	..	..	14 385	11 491	13 325	12 503	11 738	10 127	..
Cyprus[1]	-	-	-	-	-	5	42	45	..
FYR of Macedonia	..	..	4 697	7 391	6 083	3 480	2 131	1 956	..
Georgia	..	..	68 599	-	2 506	1 920	-	-	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	527 000	283 997	382 337	402 385	396 689	398 902	..
Kosovo	..	..	..	291	411	231	211	249	..
Kyrgyzstan	..	..	17 004	9 907	14 750	12 929	12 525	13 858	..
Latvia	..	..	99 439	31 867	31 144	28 662	26 249	25 747	..
Lithuania	..	..	101 299	48 244	49 900	48 806	43 625	43 300	..
Malta	-	-	-	-	-	-	1	1	..
Moldova	..	..	14 060	7 530	13 706	12 039	10 640	10 466	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	150 000	197 437	258 112	190 781	127 674	99 106	84 812	77 973	..
Russian Federation	..	..	9 398 394	6 486 844	6 235 167	6 015 631	5 711 747	5 533 164	..
Serbia	..	..	26 538	17 600	48 799	38 187	34 313	30 694	..
Tajikistan	..	..	4 710	3 165	3 796	392	408	1 063	..
Turkmenistan	..	..	-	4 752	6 187	8 041	9 108	9 846	..
Ukraine	..	..	1 719 226	746 799	707 645	622 309	586 234	443 843	..
Uzbekistan	..	..	124 785	106 563	99 362	94 431	96 648	98 584	..
Former Soviet Union	2 595 010	3 575 527	x	x	x	x	x	x	x
Former Yugoslavia	-	-	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**2 778 075**	**3 857 064**	**13 127 920**	**8 308 194**	**8 110 522**	**7 748 912**	**7 355 276**	**7 020 709**	**..**
Algeria	-	-	-	-	-	-	-	-	..
Angola	-	-	-	-	-	-	-	-	..
Benin	-	-	-	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	-	-	-	-	-	-	-	-	..
Congo	-	-	-	-	-	-	-	-	..
Côte d'Ivoire	-	-	-	-	-	-	-	-	..
Dem. Rep. of the Congo	-	-	-	-	-	-	-	-	..
Egypt	-	-	-	-	-	-	-	-	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	-	-	-	-	-	-	-	-	..
Gabon	-	-	-	-	-	-	-	-	..
Ghana	-	-	-	-	-	-	-	-	..
Kenya	-	-	-	-	-	-	-	-	..
Libya	-	-	-	-	-	-	-	-	..
Mauritius	-	-	-	-	-	-	-	-	..
Morocco	-	-	-	-	-	-	-	-	..
Mozambique	-	-	-	-	-	-	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	-	-	-	-	-	-	-	-	..
Senegal	-	-	-	1 167	1 538	971	698	731	..
South Africa	-	-	-	-	-	-	-	-	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	-	-	-	-	-	-	-	-	..
Tanzania	-	-	-	-	-	-	-	-	..
Togo	-	-	-	-	-	-	-	-	..
Tunisia	-	-	-	-	-	6 841	3 050	2 624	..
Zambia	-	-	-	-	-	-	-	-	..
Zimbabwe	-	-	-	-	-	-	-	-	..
Other Africa	-	-	-	-	-	-	-	-	..
Africa	**-**	**-**	**-**	**1 167**	**1 538**	**7 812**	**3 748**	**3 355**	**..**

1. Please refer to section 'Geographical coverage'.

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Production of heat

Unit: TJ	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	-	-	-	-	-	-	-	-	..
Brunei Darussalam	-	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	-	-	-	-	-	-	-	-	..
India	-	-	-	-	-	-	-	-	..
Indonesia	-	-	-	-	-	-	-	-	..
Malaysia	-	-	-	-	-	-	-	-	..
Mongolia	..	..	37 451	28 828	32 680	35 012	39 824	42 003	..
Myanmar	-	-	-	-	-	-	-	-	..
Nepal	-	-	-	-	-	-	-	-	..
Pakistan	-	-	-	-	-	-	-	-	..
Philippines	-	-	-	-	-	-	-	-	..
Singapore	-	-	-	-	-	-	-	-	..
Sri Lanka	-	-	-	-	-	-	-	-	..
Chinese Taipei	-	-	-	-	-	-	-	-	..
Thailand	-	-	-	-	-	-	-	-	..
Viet Nam	-	-	-	-	-	-	-	-	..
Other Asia	-	-	-	-	-	-	-	-	..
Asia excluding China	-	-	37 451	28 828	32 680	35 012	39 824	42 003	..
People's Republic of China	-	309 070	626 364	1 461 362	2 288 947	3 022 042	3 646 157	3 783 164	..
Hong Kong, China	-	-	-	-	-	-	-	-	..
China	**-**	**309 070**	**626 364**	**1 461 362**	**2 288 947**	**3 022 042**	**3 646 157**	**3 783 164**	**..**
Argentina	-	-	-	-	-	-	-	-	..
Bolivia	-	-	-	-	-	-	-	-	..
Brazil	-	-	-	3 098	6 898	2 855	2 887	3 075	..
Colombia	-	-	-	-	-	-	-	-	..
Costa Rica	-	-	-	-	-	-	-	-	..
Cuba	-	-	-	-	-	-	-	-	..
Curaçao[1]	-	-	-	-	-	-	-	-	..
Dominican Republic	-	-	-	-	-	-	-	-	..
Ecuador	-	-	-	-	-	-	-	-	..
El Salvador	-	-	-	-	-	-	-	-	..
Guatemala	-	-	-	-	-	-	-	-	..
Haiti	-	-	-	-	-	-	-	-	..
Honduras	-	-	-	-	-	-	-	-	..
Jamaica	-	-	-	-	-	-	-	-	..
Nicaragua	-	-	-	-	-	-	-	-	..
Panama	-	-	-	-	-	-	-	-	..
Paraguay	-	-	-	-	-	-	-	-	..
Peru	-	-	-	-	-	-	-	-	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	-	-	-	-	-	-	-	-	..
Uruguay	-	-	-	-	-	-	-	-	..
Venezuela	-	-	-	-	-	-	-	-	..
Other Non-OECD Americas	-	-	-	-	-	-	-	-	..
Non-OECD Americas	**-**	**-**	**-**	**3 098**	**6 898**	**2 855**	**2 887**	**3 075**	**..**
Bahrain	-	-	-	-	-	-	-	-	..
Islamic Republic of Iran	-	-	-	-	-	-	-	-	..
Iraq	-	-	-	-	-	-	-	-	..
Jordan	-	-	-	-	-	-	-	-	..
Kuwait	-	-	-	-	-	-	-	-	..
Lebanon	-	-	-	-	-	-	-	-	..
Oman	-	-	-	-	-	-	-	-	..
Qatar	-	-	-	-	-	-	-	-	..
Saudi Arabia	-	-	-	-	-	-	-	-	..
Syrian Arab Republic	-	-	-	-	-	-	-	-	..
United Arab Emirates	-	-	-	-	-	-	-	-	..
Yemen	-	-	-	-	-	-	-	-	..
Middle East	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**..**

1. Please refer to section 'Geographical coverage'.

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Refinery output of oil products

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**2 719 473**	**2 959 448**	**3 071 265**	**3 470 344**	**3 767 310**	**3 848 719**	**3 912 474**	**3 958 775**	**..**
Non-OECD Total	**886 925**	**1 109 305**	**1 256 130**	**1 388 787**	**1 647 153**	**1 858 801**	**1 973 393**	**2 021 131**	**..**
OECD Total[1]	**1 832 548**	**1 850 143**	**1 815 135**	**2 081 557**	**2 120 157**	**1 989 918**	**1 939 081**	**1 937 644**	**1 981 934**
Canada	82 322	92 595	84 186	93 714	102 050	96 053	91 037	89 357	90 609
Chile	4 628	4 860	6 090	9 417	10 789	8 668	9 378	9 618	9 699
Mexico	25 858	50 432	66 919	65 262	70 098	66 254	69 691	66 719	60 860
United States	665 486	723 765	730 552	817 877	836 772	814 209	802 029	820 074	827 122
OECD Americas	**778 294**	**871 652**	**887 747**	**986 270**	**1 019 709**	**985 184**	**972 135**	**985 768**	**988 290**
Australia	25 251	28 933	30 758	36 708	32 962	30 776	30 038	27 441	25 158
Israel	6 113	6 251	8 060	10 571	11 708	12 506	13 923	14 394	14 294
Japan	222 333	200 694	177 991	206 757	204 695	178 372	172 618	162 815	163 756
Korea	14 989	25 601	42 365	122 001	119 778	119 614	126 256	128 633	139 755
New Zealand	3 265	2 904	4 761	5 058	5 200	5 151	5 342	5 208	5 606
OECD Asia Oceania	**271 951**	**264 383**	**263 935**	**381 095**	**374 343**	**346 419**	**348 177**	**338 491**	**348 569**
Austria	8 817	10 252	8 895	8 732	9 225	8 020	8 917	8 904	9 163
Belgium	35 510	33 439	29 372	38 223	37 250	35 094	32 145	35 250	35 019
Czech Republic	7 586	9 660	7 948	6 131	8 132	8 174	6 969	7 822	7 502
Denmark	9 760	6 616	7 846	8 231	7 499	6 985	6 989	6 685	7 174
Estonia	..	..	-	-	-	-	-	-	-
Finland	9 045	12 484	10 344	12 596	12 590	13 911	14 758	14 141	12 705
France	133 792	115 717	78 333	88 576	86 361	71 360	57 891	57 621	58 656
Germany	139 508	136 512	105 957	115 973	122 697	101 450	97 921	96 755	99 198
Greece	12 423	14 134	16 442	22 232	21 240	22 197	24 033	27 515	28 370
Hungary	7 980	10 265	8 327	7 483	8 234	8 475	7 644	7 944	7 407
Iceland	-	-	-	-	-	-	-	-	-
Ireland	2 675	2 014	1 725	3 286	3 120	2 880	2 788	2 710	3 285
Italy	130 307	97 992	90 564	94 771	100 598	90 131	69 628	66 337	73 156
Luxembourg	-	-	-	-	-	-	-	-	-
Netherlands	73 081	57 238	67 914	58 657	58 878	57 982	55 183	56 515	59 684
Norway	6 112	7 770	13 024	15 196	15 723	14 050	16 018	14 400	16 084
Poland	10 814	15 426	12 812	18 480	18 465	23 563	24 893	24 821	27 267
Portugal	4 222	7 609	11 428	12 308	13 563	11 912	13 941	12 662	15 425
Slovak Republic	6 043	8 099	7 081	5 875	6 191	6 087	6 552	5 725	6 473
Slovenia	..	..	545	167	-	-	-	-	-
Spain	42 423	48 517	52 796	59 830	60 310	57 644	60 501	60 290	64 986
Sweden	10 542	17 613	18 049	22 712	19 800	20 769	17 584	19 799	20 719
Switzerland	6 126	4 550	3 047	4 647	4 855	4 513	4 914	4 940	2 857
Turkey	12 533	12 657	22 884	23 745	25 638	19 907	23 995	21 876	29 397
United Kingdom	113 004	85 544	88 120	86 341	85 736	73 211	65 505	60 673	60 548
OECD Europe[1]	**782 303**	**714 108**	**663 453**	**714 192**	**726 105**	**658 315**	**618 769**	**613 385**	**645 075**
IEA[1]	*1 795 949*	*1 788 600*	*1 733 521*	*1 996 140*	*2 027 562*	*1 902 490*	*1 846 089*	*1 846 913*	*1 897 081*
European Union - 28	..	..	*671 569*	*698 064*	*715 400*	*650 210*	*603 250*	*600 860*	..
G7	*1 486 752*	*1 452 819*	*1 355 703*	*1 504 009*	*1 538 909*	*1 424 786*	*1 356 629*	*1 353 632*	..
G8	..	..	*1 623 426*	*1 680 812*	*1 744 611*	*1 670 870*	*1 623 285*	*1 636 960*	..
G20	..	..	*2 463 026*	*2 801 533*	*3 010 589*	*3 105 815*	*3 169 862*	*3 232 817*	..
OPEC	*162 640*	*170 713*	*261 844*	*341 176*	*369 383*	*393 567*	*385 849*	*391 357*	..

1. Please refer to section 'Geographical coverage'.

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Refinery output of oil products

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**886 925**	**1 109 305**	**1 256 130**	**1 388 787**	**1 647 153**	**1 858 801**	**1 973 393**	**2 021 131**	**..**
Albania	1 646	1 905	1 137	302	392	153	39	336	..
Armenia	..	..	-	-	-	-	-	-	..
Azerbaijan	..	..	16 250	8 284	8 065	6 192	6 325	6 489	..
Belarus	..	..	39 206	13 352	19 455	16 220	20 880	21 973	..
Bosnia and Herzegovina	..	..	1 919	512	143	1 160	964	987	..
Bulgaria	9 359	13 208	7 679	5 181	6 297	5 970	6 443	6 129	..
Croatia	..	..	6 784	5 214	5 141	4 231	3 357	2 953	..
Cyprus[1]	663	583	626	1 172	-	-	-	-	..
FYR of Macedonia	..	..	1 193	936	1 147	829	79	1	..
Georgia	..	..	2 209	19	13	-	-	-	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	18 303	6 269	10 910	13 170	13 762	14 544	..
Kosovo	..	..	..	-	-	-	-	-	..
Kyrgyzstan	..	..	-	141	86	97	77	88	..
Latvia	..	..	-	-	-	-	-	-	..
Lithuania	..	..	9 364	4 903	9 206	9 196	9 486	7 943	..
Malta	-	-	-	-	-	-	-	-	..
Moldova	..	..	-	-	7	21	19	18	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	17 986	26 298	22 618	10 990	14 867	10 968	10 122	11 666	..
Russian Federation	..	..	267 723	176 803	205 702	246 084	266 656	283 328	..
Serbia	..	..	4 674	1 215	3 302	2 890	3 111	3 110	..
Tajikistan	..	..	56	12	14	19	22	23	..
Turkmenistan	..	..	3 611	5 187	6 973	8 573	7 911	8 547	..
Ukraine	..	..	61 648	9 284	19 226	11 924	4 060	3 268	..
Uzbekistan	..	..	7 912	6 862	5 092	3 883	3 058	2 864	..
Former Soviet Union	332 100	448 500	x	x	x	x	x	x	x
Former Yugoslavia	9 029	14 173	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**370 783**	**504 667**	**472 912**	**256 638**	**316 038**	**341 580**	**356 371**	**374 267**	**..**
Algeria	6 127	11 019	20 862	20 342	18 015	26 402	23 978	31 037	..
Angola	735	1 230	1 582	1 835	1 823	1 864	2 187	2 235	..
Benin	-	-	-	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	-	194	837	1 543	1 815	2 057	2 365	2 506	..
Congo	-	-	536	399	524	652	775	791	..
Côte d'Ivoire	1 154	1 781	2 035	2 976	3 934	3 067	3 288	3 112	..
Dem. Rep. of the Congo	690	394	315	-	-	-	-	-	..
Egypt	6 979	13 830	23 479	25 063	30 776	28 862	23 260	22 219	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	616	581	655	-	-	-	-	-	..
Gabon	1 055	1 254	316	614	711	955	837	814	..
Ghana	971	1 045	742	1 063	1 606	948	467	129	..
Kenya	2 638	3 026	2 198	2 004	1 677	1 520	623	675	..
Libya	1 608	5 618	11 999	16 696	16 872	16 424	10 479	4 797	..
Mauritius	-	-	-	-	-	-	-	-	..
Morocco	2 224	4 188	5 559	6 579	6 863	6 461	7 080	6 581	..
Mozambique	739	690	-	-	-	-	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	783	715	..
Nigeria	2 762	7 088	12 849	4 980	9 593	4 885	4 767	3 253	..
Senegal	670	746	675	895	875	572	764	802	..
South Africa	12 907	11 992	13 083	17 214	23 060	18 786	20 531	19 709	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	1 145	901	809	1 850	3 297	4 868	3 845	4 003	..
Tanzania	785	540	584	-	-	-	-	-	..
Togo	-	202	-	-	-	-	-	-	..
Tunisia	1 036	1 560	1 666	1 940	1 779	262	1 679	1 641	..
Zambia	403	745	677	23	379	588	589	659	..
Zimbabwe	-	-	-	-	-	-	-	-	..
Other Africa	1 515	1 436	1 145	440	145	-	-	-	..
Africa	**46 759**	**70 060**	**102 603**	**106 456**	**123 744**	**119 173**	**108 297**	**105 678**	**..**

1. Please refer to section 'Geographical coverage'.

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Refinery output of oil products

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	609	1 211	1 010	1 370	1 132	1 272	1 347	1 216	..
Brunei Darussalam	-	1	321	538	596	615	485	381	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	-	1 831	1 995	371	459	510	561	515	..
India	20 724	25 488	51 272	102 551	128 891	200 166	227 580	228 303	..
Indonesia	10 130	17 982	37 021	49 018	46 927	44 896	44 340	47 085	..
Malaysia	3 858	5 547	10 086	20 453	20 902	20 660	24 093	22 833	..
Mongolia	..	..	-	-	-	-	-	-	..
Myanmar	974	1 303	701	980	737	821	654	690	..
Nepal	-	-	-	-	-	-	-	-	..
Pakistan	3 360	4 391	5 711	8 879	11 163	9 511	11 532	12 014	..
Philippines	8 645	9 101	10 484	14 816	9 914	8 238	7 252	7 682	..
Singapore	22 799	31 367	40 397	40 293	57 366	48 772	49 010	45 423	..
Sri Lanka	1 708	1 816	1 686	2 272	1 817	1 662	1 570	1 685	..
Chinese Taipei	9 004	17 822	21 425	36 822	52 103	44 598	43 382	42 658	..
Thailand	7 479	7 584	11 410	35 878	45 957	51 782	57 026	54 407	..
Viet Nam	-	-	-	-	-	5 536	6 498	6 764	..
Other Asia	-	-	-	-	929	853	1 282	1 361	..
Asia excluding China	89 290	125 444	193 519	314 241	378 893	439 892	476 612	473 017	..
People's Republic of China	41 600	78 138	106 701	195 886	280 628	400 692	459 307	484 578	..
Hong Kong, China	-	-	-	-	-	-	-	-	..
China	**41 600**	**78 138**	**106 701**	**195 886**	**280 628**	**400 692**	**459 307**	**484 578**	**..**
Argentina	23 491	25 397	22 304	29 529	28 632	29 324	29 699	31 297	..
Bolivia	770	1 192	1 185	1 481	1 986	2 025	2 435	2 636	..
Brazil	37 358	54 738	60 631	84 692	91 630	96 666	111 265	113 311	..
Colombia	8 121	7 473	11 014	15 129	14 862	13 748	15 199	16 598	..
Costa Rica	382	507	442	6	487	502	-	-	..
Cuba	5 249	5 973	6 613	2 134	2 207	4 932	5 016	4 975	..
Curaçao[1]	43 644	27 666	10 004	11 261	11 784	4 240	9 044	9 574	..
Dominican Republic	1 174	1 527	1 044	2 175	2 018	1 312	1 274	1 256	..
Ecuador	1 570	4 702	5 996	7 756	8 219	7 673	7 844	7 086	..
El Salvador	613	643	678	949	1 033	808	-	-	..
Guatemala	919	744	419	841	65	70	57	70	..
Haiti	-	-	-	-	-	-	-	-	..
Honduras	616	491	407	-	-	-	-	-	..
Jamaica	1 761	905	1 351	956	456	1 186	1 154	968	..
Nicaragua	566	529	605	830	756	768	682	680	..
Panama	3 318	1 890	1 161	2 135	-	-	-	-	..
Paraguay	194	258	304	102	30	-	-	-	..
Peru	4 774	7 176	7 289	7 571	8 793	9 219	8 735	8 895	..
Suriname	..	..	..	282	398	385	396	395	..
Trinidad and Tobago	19 584	11 352	4 261	7 966	8 369	6 194	6 613	5 275	..
Uruguay	1 655	1 825	1 169	1 844	2 051	1 897	2 077	1 927	..
Venezuela	69 927	47 369	48 826	53 485	49 719	57 823	49 043	49 491	..
Other Non-OECD Americas	12 948	8 887	957	12 154	11 444	862	926	905	..
Non-OECD Americas	**238 634**	**211 244**	**186 660**	**243 278**	**244 939**	**239 634**	**251 459**	**255 339**	**..**
Bahrain	12 042	12 096	12 335	12 715	13 205	13 022	13 159	13 202	..
Islamic Republic of Iran	28 831	34 028	40 888	77 131	81 366	83 844	90 920	87 684	..
Iraq	4 035	9 156	17 911	24 401	22 212	24 926	29 343	23 850	..
Jordan	671	1 731	2 652	3 829	4 382	3 362	3 145	3 009	..
Kuwait	18 754	16 804	11 704	35 756	41 760	42 571	41 381	41 639	..
Lebanon	2 420	2 227	92	-	-	-	-	-	..
Oman	-	-	3 221	4 037	4 383	7 866	9 164	10 598	..
Qatar	20	376	2 893	3 115	5 380	13 575	12 451	12 038	..
Saudi Arabia	28 271	32 760	77 067	81 712	97 726	93 806	91 570	107 431	..
Syrian Arab Republic	1 963	6 545	11 202	12 036	12 363	11 721	5 391	5 391	..
United Arab Emirates	-	563	9 267	13 967	16 698	19 774	21 886	20 816	..
Yemen	2 852	3 466	4 503	3 589	3 436	3 363	2 937	2 594	..
Middle East	**99 859**	**119 752**	**193 735**	**272 288**	**302 911**	**317 830**	**321 347**	**328 252**	**..**

1. Please refer to section 'Geographical coverage'.

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Net imports of coking coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World[1]	..	**- 2 146**	**- 38 592**	**- 6 138**	**- 10 146**	**- 17 198**	**- 8 359**	**- 19 032**	**- 22 929**
Non-OECD Total	..	**1 024**	**- 13 267**	**20 657**	**37 687**	**80 393**	**107 676**	**110 955**	**97 640**
OECD Total[2]	..	**- 3 170**	**- 25 325**	**- 26 795**	**- 47 833**	**- 97 591**	**- 116 035**	**- 129 987**	**- 120 569**
Canada	..	- 7 738	- 22 360	- 24 090	- 22 072	- 23 621	- 31 642	- 27 156	- 24 177
Chile	..	454	492	714	692	450	566	614	684
Mexico	..	823	222	1 792	1 773	1 426	2 279	2 027	1 783
United States	..	- 57 246	- 57 568	- 28 233	- 24 398	- 49 521	- 58 709	- 53 047	- 40 179
OECD Americas	..	**- 63 707**	**- 79 214**	**- 49 817**	**- 44 005**	**- 71 266**	**- 87 506**	**- 77 562**	**- 61 889**
Australia	..	- 33 487	- 57 750	- 99 161	- 124 915	- 157 251	- 154 152	- 180 377	- 187 563
Israel	..	-	-	-	-	-	-	-	-
Japan	..	62 194	64 935	57 849	56 527	57 679	53 852	51 061	50 306
Korea	..	3 987	11 287	19 575	20 627	28 160	30 194	33 176	37 027
New Zealand	..	- 70	- 335	- 1 551	- 2 331	- 2 300	- 2 096	- 1 719	- 1 326
OECD Asia Oceania	..	**32 624**	**18 137**	**- 23 288**	**- 50 092**	**- 73 712**	**- 72 202**	**- 97 859**	**- 101 556**
Austria	..	2 371	2 376	1 738	2 063	1 907	1 758	1 824	1 725
Belgium	..	3 993	7 132	3 733	3 503	2 742	2 375	2 234	1 786
Czech Republic	..	- 5 200	- 4 504	- 3 210	- 2 718	- 2 590	- 1 224	- 605	- 316
Denmark	..	7	-	-	-	-	-	-	-
Estonia	..	..	-	-	-	-	-	-	-
Finland	..	-	711	1 258	1 401	1 327	1 213	1 316	1 317
France	..	10 456	7 848	6 543	6 222	4 504	5 178	4 932	3 520
Germany	..	- 5 598	- 2 296	4 605	7 152	7 787	7 784	9 705	10 759
Greece	..	384	-	-	-	-	-	-	-
Hungary	..	812	610	1 234	898	1 460	1 284	1 321	1 300
Iceland	..	-	-	-	-	-	-	-	-
Ireland	..	-	14	-	-	-	-	-	-
Italy	..	11 377	8 648	7 198	5 784	5 066	2 882	2 362	2 292
Luxembourg	..	-	-	-	-	-	-	-	-
Netherlands	..	3 360	4 603	3 926	4 751	4 569	4 137	4 445	3 876
Norway	..	272	-	-	-	-	-	-	-
Poland	..	- 6 223	- 10 666	- 4 027	- 2 541	1 340	- 2	263	389
Portugal	..	393	377	487	-	-	-	-	2
Slovak Republic	..	2 330	3 132	2 596	2 732	2 472	2 593	2 680	2 740
Slovenia	..	..	1	-	-	-	-	-	-
Spain	..	4 074	4 169	3 755	3 571	2 777	2 527	1 606	1 720
Sweden	..	1 790	1 315	1 814	1 955	2 258	1 173	1 542	1 573
Switzerland	..	-	-	-	-	-	-	-	-
Turkey	..	943	3 717	6 202	4 943	5 135	5 758	5 466	5 444
United Kingdom	..	2 372	8 565	8 458	6 548	6 633	6 237	6 343	4 749
OECD Europe[2]	..	**27 913**	**35 752**	**46 310**	**46 264**	**47 387**	**43 673**	**45 434**	**42 876**
IEA[2]	..	*- 4 447*	*- 26 040*	*- 29 301*	*- 50 298*	*- 99 467*	*- 118 880*	*- 132 628*	*- 123 036*
European Union - 28	..	..	*38 256*	*43 782*	*45 416*	*42 351*	*38 008*	*39 991*	*37 447*
G7	..	*15 817*	*7 772*	*32 330*	*35 763*	*8 527*	*- 14 418*	*- 5 800*	*7 270*
G8	..	..	*- 23 801*	*25 230*	*26 646*	*- 8 656*	*- 34 100*	*- 25 701*	*- 10 395*
G20	..	..	*- 40 598*	*- 15 785*	*- 22 029*	*- 21 426*	*- 8 033*	*- 21 950*	*- 27 068*
OPEC	..	*948*	*1 139*	*1 288*	*1 394*	*- 70*	*- 240*	*- 51*	*89*

A negative number shows net exports.
1. World shows the discrepancy between total exports and total imports.
2. Please refer to section 'Geographical coverage'.

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Net imports of coking coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**1 024**	**- 13 267**	**20 657**	**37 687**	**80 393**	**107 676**	**110 955**	**97 640**
Albania	..	25	62	-	-	-	-	-	-
Armenia	..	..	-	-	-	-	-	-	-
Azerbaijan	..	..	-	-	-	-	-	-	-
Belarus	..	..	-	-	-	-	-	-	-
Bosnia and Herzegovina	..	..	-	-	592	1 231	1 162	1 402	1 408
Bulgaria	..	1 926	1 854	1 304	1 043	-	-	-	-
Croatia	..	..	767	-	-	-	-	-	-
Cyprus[1]	..	-	-	-	-	-	-	-	-
FYR of Macedonia	..	..	132	60	-	-	-	-	-
Georgia	..	..	124	-	-	-	-	-	-
Gibraltar	..	-	-	-	-	-	-	-	-
Kazakhstan	..	..	-	- 344	- 247	- 294	- 318	- 1 901	- 825
Kosovo	..	..	..	-	-	-	-	-	-
Kyrgyzstan	..	..	-	-	-	-	-	-	-
Latvia	..	..	-	-	-	-	-	-	-
Lithuania	..	..	-	-	-	-	-	2	-
Malta	..	-	-	-	-	-	-	-	-
Moldova	..	..	-	-	-	-	-	-	-
Montenegro	..	..	..	..	-	-	-	-	-
Romania	..	3 400	3 600	2 370	3 052	99	93	21	15
Russian Federation	..	..	- 31 573	- 7 100	- 9 117	- 17 183	- 19 682	- 19 901	- 17 665
Serbia	..	..	-	-	-	-	-	-	-
Tajikistan	..	..	-	2	-	-	-	-	-
Turkmenistan	..	..	-	-	-	-	-	-	-
Ukraine	..	..	- 7 775	2 737	6 393	7 486	5 680	8 258	9 424
Uzbekistan	..	..	-	-	-	-	-	-	-
Former Soviet Union	..	- 12 000	x	x	x	x	x	x	x
Former Yugoslavia	..	3 402	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**- 3 247**	**- 32 809**	**- 971**	**1 716**	**- 8 661**	**- 13 065**	**- 12 119**	**- 7 643**
Algeria	..	90	913	593	840	-	-	20	20
Angola	..	-	-	-	-	-	-	-	-
Benin	..	-	-	-	-	-	-	-	-
Botswana	..	..	-	-	-	-	-	-	-
Cameroon	..	-	-	-	-	-	-	-	-
Congo	..	-	-	-	-	-	-	-	-
Côte d'Ivoire	..	-	-	-	-	-	-	-	-
Dem. Rep. of the Congo	..	-	-	-	-	-	-	-	-
Egypt	..	802	1 339	1 820	1 810	987	305	434	443
Eritrea	..	..	..	-	-	-	-	-	-
Ethiopia	..	-	-	-	-	-	-	-	-
Gabon	..	-	-	-	-	-	-	-	-
Ghana	..	-	-	-	-	-	-	-	-
Kenya	..	-	-	-	-	-	-	-	-
Libya	..	-	-	-	-	-	-	-	-
Mauritius	..	-	-	-	-	-	-	-	-
Morocco	..	-	-	-	-	-	-	-	-
Mozambique	..	-	-	-	-	-	- 3 131	- 3 633	- 3 340
Namibia	..	..	..	-	-	-	-	-	-
Niger	..	..	..	-	-	-	-	-	-
Nigeria	..	-	-	-	-	-	-	-	-
Senegal	..	-	-	-	-	-	-	-	-
South Africa	..	- 3 447	- 3 633	- 635	1 335	1 275	343	70	780
South Sudan	..	..	..	..	..	..	-	-	-
Sudan[1]	..	-	-	-	-	-	-	-	-
Tanzania	..	-	-	-	-	-	-	-	-
Togo	..	-	-	-	-	-	-	-	-
Tunisia	..	-	-	-	-	-	-	-	-
Zambia	..	-	-	-	-	-	-	-	-
Zimbabwe	..	-	-	-	-	-	-	-	-
Other Africa	..	-	-	-	-	-	-	-	-
Africa	**..**	**- 2 555**	**- 1 381**	**1 778**	**3 985**	**2 262**	**- 2 483**	**- 3 109**	**- 2 097**

A negative number shows net exports.
1. Please refer to section 'Geographical coverage'.

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Net imports of coking coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	-	-	-	-	-	-	-	-
Brunei Darussalam	..	-	-	-	-	-	-	-	-
Cambodia	..	..	..	-	-	-	-	-	-
DPR of Korea	..	450	2 600	-	-	-	-	-	-
India	..	550	5 854	10 439	16 845	34 615	41 903	51 658	51 091
Indonesia	..	-	- 29	- 476	- 1 124	- 1 892	- 1 600	1 517	280
Malaysia	..	-	-	-	-	-	-	-	-
Mongolia	..	..	-	-	- 1 016	- 7 999	- 7 744	- 6 033	- 7 718
Myanmar	..	-	-	-	-	-	-	-	-
Nepal	..	-	-	-	-	-	-	-	-
Pakistan	..	98	900	950	565	429	110	115	164
Philippines	..	-	-	-	-	-	-	-	-
Singapore	..	-	-	-	-	-	-	-	-
Sri Lanka	..	-	-	-	-	-	-	-	-
Chinese Taipei	..	1 513	4 237	5 158	4 968	5 524	6 727	6 870	6 585
Thailand	..	-	-	-	-	-	-	-	-
Viet Nam	..	-	-	-	-	-	-	-	-
Other Asia	..	-	-	-	-	-	-	-	-
Asia excluding China	..	2 611	13 562	16 071	20 238	30 677	39 396	54 127	50 402
People's Republic of China	..	- 1 400	- 3 223	- 6 131	1 947	45 943	74 310	61 604	47 032
Hong Kong, China	..	-	-	-	-	-	-	-	-
China	**..**	**- 1 400**	**- 3 223**	**- 6 131**	**1 947**	**45 943**	**74 310**	**61 604**	**47 032**
Argentina	..	870	1 121	558	789	686	513	1 001	1 022
Bolivia	..	-	-	-	-	-	-	-	-
Brazil	..	4 515	10 146	9 844	9 395	10 772	10 592	10 960	10 304
Colombia	..	- 667	- 946	- 1 231	- 937	- 1 216	- 1 347	- 1 438	- 1 449
Costa Rica	..	-	-	-	-	-	-	-	-
Cuba	..	-	-	-	-	-	-	-	-
Curaçao[1]	..	-	-	-	-	-	-	-	-
Dominican Republic	..	-	-	-	-	-	-	-	-
Ecuador	..	-	-	-	-	-	-	-	-
El Salvador	..	-	-	-	-	-	-	-	-
Guatemala	..	-	-	-	-	-	-	-	-
Haiti	..	-	-	-	-	-	-	-	-
Honduras	..	-	-	-	-	-	-	-	-
Jamaica	..	-	-	-	-	-	-	-	-
Nicaragua	..	-	-	-	-	-	-	-	-
Panama	..	-	-	-	-	-	-	-	-
Paraguay	..	-	-	-	-	-	-	-	-
Peru	..	39	37	44	-	-	-	-	-
Suriname	..	..	..	-	-	-	-	-	-
Trinidad and Tobago	..	-	-	-	-	-	-	-	-
Uruguay	..	-	-	-	-	-	-	-	-
Venezuela	..	-	-	-	-	-	-	-	-
Other Non-OECD Americas	..	-	-	-	-	-	-	-	-
Non-OECD Americas	**..**	**4 757**	**10 358**	**9 215**	**9 247**	**10 242**	**9 758**	**10 523**	**9 877**
Bahrain	..	-	-	-	-	-	-	-	-
Islamic Republic of Iran	..	858	226	695	554	- 70	- 240	- 71	69
Iraq	..	-	-	-	-	-	-	-	-
Jordan	..	-	-	-	-	-	-	-	-
Kuwait	..	-	-	-	-	-	-	-	-
Lebanon	..	-	-	-	-	-	-	-	-
Oman	..	-	-	-	-	-	-	-	-
Qatar	..	-	-	-	-	-	-	-	-
Saudi Arabia	..	-	-	-	-	-	-	-	-
Syrian Arab Republic	..	-	-	-	-	-	-	-	-
United Arab Emirates	..	-	-	-	-	-	-	-	-
Yemen	..	-	-	-	-	-	-	-	-
Middle East	**..**	**858**	**226**	**695**	**554**	**- 70**	**- 240**	**- 71**	**69**

A negative number shows net exports.
1. Please refer to section 'Geographical coverage'.

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Net imports of other bituminous coal and anthracite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World[1]	..	**- 4 224**	**27 638**	**8 026**	**18 090**	**100 575**	**93 475**	**93 108**	**70 481**
Non-OECD Total	..	**- 29 574**	**- 35 255**	**- 157 171**	**- 244 140**	**- 145 431**	**- 135 459**	**- 119 785**	**- 136 962**
OECD Total[2]	..	**25 350**	**62 893**	**165 197**	**262 230**	**246 006**	**228 934**	**212 893**	**207 443**
Canada	..	8 103	5 529	10 798	7 809	945	- 1 084	- 1 084	- 143
Chile	..	369	1 168	3 688	3 318	6 483	8 476	7 323	8 195
Mexico	..	-	-	-	5 507	6 322	5 206	5 487	5 460
United States	..	- 24 898	- 35 895	- 12 467	12 141	- 1 531	- 28 898	- 19 772	- 13 515
OECD Americas	..	**- 16 426**	**- 29 198**	**2 019**	**28 775**	**12 219**	**- 16 300**	**- 8 046**	**- 3**
Australia	..	- 8 895	- 45 646	- 87 801	- 107 415	- 135 314	- 181 991	- 194 556	- 204 659
Israel	..	1	3 998	9 917	12 685	12 310	12 643	11 021	10 606
Japan	..	6 315	42 713	92 935	121 140	128 997	141 755	137 007	141 242
Korea	..	1 045	11 560	39 851	53 269	85 341	94 510	92 991	91 234
New Zealand	..	-	-	16	62	- 68	62	30	31
OECD Asia Oceania	..	**- 1 534**	**12 625**	**54 918**	**79 741**	**91 266**	**66 979**	**46 493**	**38 454**
Austria	..	507	1 233	1 671	2 270	1 726	1 423	1 333	1 291
Belgium	..	5 666	6 961	6 250	4 097	2 929	2 311	2 435	2 186
Czech Republic	..	1 724	1 784	- 1 582	- 1 280	- 1 673	- 1 584	- 551	- 356
Denmark	..	9 960	10 201	6 293	5 935	4 499	4 843	4 235	2 665
Estonia	..	..	373	101	54	71	59	82	7
Finland	..	4 669	5 390	3 814	3 322	4 593	3 854	4 123	2 226
France	..	18 524	10 956	12 348	13 334	12 944	11 590	7 921	8 726
Germany	..	9 087	10 364	23 064	29 698	37 685	46 284	43 827	44 540
Greece	..	149	1 380	1 186	633	617	333	301	267
Hungary	..	-	-	-	548	297	35	40	42
Iceland	..	12	65	101	117	106	120	100	108
Ireland	..	1 149	3 039	2 738	3 011	1 587	2 370	1 961	2 342
Italy	..	5 820	11 797	11 815	18 366	16 641	16 755	17 090	16 823
Luxembourg	..	364	197	172	122	102	75	85	73
Netherlands	..	2 249	10 325	9 026	8 259	9 998	10 623	11 560	16 721
Norway	..	376	459	345	- 999	- 1 007	- 1 424	- 847	- 431
Poland	..	- 23 120	- 16 839	- 17 766	- 13 456	2 298	- 329	1 198	- 1 368
Portugal	..	5	4 292	5 880	5 272	2 657	4 246	4 371	5 414
Slovak Republic	..	2 700	2 734	2 255	2 531	1 326	1 246	1 104	921
Slovenia	..	..	22	13	49	27	16	21	15
Spain	..	1 587	6 283	17 894	21 185	8 552	10 458	13 504	16 751
Sweden	..	388	2 226	1 276	1 245	1 026	1 366	1 231	1 212
Switzerland	..	574	473	250	100	130	144	39	76
Turkey	..	-	1 840	6 788	12 417	16 198	20 870	24 286	28 384
United Kingdom	..	920	3 911	14 328	36 884	19 192	42 571	34 997	20 357
OECD Europe[2]	..	**43 310**	**79 466**	**108 260**	**153 714**	**142 521**	**178 255**	**174 446**	**168 992**
IEA[2]	..	*24 968*	*57 640*	*151 478*	*240 554*	*220 758*	*202 473*	*188 941*	*183 059*
European Union - 28	..	..	*84 624*	*103 901*	*146 345*	*131 364*	*161 891*	*153 694*	*143 698*
G7	..	*23 871*	*49 375*	*152 821*	*239 372*	*214 873*	*228 973*	*219 986*	*218 030*
G8	..	..	*78 107*	*148 702*	*184 873*	*124 640*	*137 549*	*112 078*	*108 745*
G20	..	..	*41 242*	*14 150*	*21 169*	*98 519*	*100 901*	*89 338*	*33 691*
OPEC	..	-	*- 1 869*	*- 7 992*	*- 6 943*	*- 1 289*	*1 634*	*1 406*	*1 626*

A negative number shows net exports.
1. World shows the discrepancy between total exports and total imports.
2. Please refer to section 'Geographical coverage'.

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Net imports of other bituminous coal and anthracite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**- 29 574**	**- 35 255**	**- 157 171**	**- 244 140**	**- 145 431**	**- 135 459**	**- 119 785**	**- 136 962**
Albania	..	135	240	-	-	167	102	133	102
Armenia	..	..	552	-	-	1	1	-	1
Azerbaijan	..	..	200	-	-	-	-	-	-
Belarus	..	..	2 350	569	139	55	586	776	634
Bosnia and Herzegovina	..	..	-	-	-	-	-	-	-
Bulgaria	..	4 806	3 936	2 129	3 045	2 731	1 544	1 369	1 498
Croatia	..	..	109	703	958	1 113	1 171	948	967
Cyprus[1]	..	-	97	50	63	17	-	5	6
FYR of Macedonia	..	..	12	-	3	4	6	7	2
Georgia	..	..	546	12	13	8	78	126	112
Gibraltar	..	-	-	-	-	-	-	-	-
Kazakhstan	..	..	- 42 194	- 33 368	- 23 354	- 28 829	- 31 216	- 26 555	- 24 253
Kosovo	..	..	..	9	12	34	21	14	15
Kyrgyzstan	..	..	2 519	684	966	1 103	1 127	1 040	1 265
Latvia	..	..	908	80	116	178	111	79	47
Lithuania	..	..	1 264	11	2	158	382	298	228
Malta	..	-	300	-	-	-	-	-	-
Moldova	..	..	4 525	138	166	181	259	146	183
Montenegro	..	..	..	..	-	-	-	-	-
Romania	..	549	1 381	152	82	73	138	127	97
Russian Federation	..	..	28 732	- 4 119	- 54 499	- 90 233	- 91 424	- 107 908	- 109 285
Serbia	..	..	-	130	67	151	98	160	203
Tajikistan	..	..	569	5	4	7	10	12	-
Turkmenistan	..	..	670	-	-	-	-	-	-
Ukraine	..	..	2 669	1 549	- 2 664	- 1 535	- 9	- 597	3 940
Uzbekistan	..	..	2 540	-	-	-	-	-	-
Former Soviet Union	..	- 10 100	x	x	x	x	x	x	x
Former Yugoslavia	..	-	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**- 4 610**	**11 925**	**- 31 266**	**- 74 881**	**- 114 616**	**- 117 015**	**- 129 820**	**- 124 238**
Algeria	..	-	-	-	-	-	-	-	-
Angola	..	-	-	-	-	-	-	-	-
Benin	..	-	-	-	-	-	-	70	41
Botswana	..	..	21	93	17	- 56	- 67	- 194	- 197
Cameroon	..	-	-	-	-	-	-	-	-
Congo	..	-	-	-	-	-	-	-	-
Côte d'Ivoire	..	-	-	-	-	-	-	-	-
Dem. Rep. of the Congo	..	29	45	-	-	-	-	-	-
Egypt	..	-	1	- 58	- 25	-	-	-	1 511
Eritrea	..	..	..	-	-	-	-	-	-
Ethiopia	..	-	-	-	-	25	291	321	325
Gabon	..	-	-	-	-	-	-	-	-
Ghana	..	-	-	-	-	-	-	-	-
Kenya	..	16	151	107	145	268	339	533	614
Libya	..	-	-	-	-	-	-	-	-
Mauritius	..	-	56	222	379	661	708	772	804
Morocco	..	- 79	1 201	3 962	4 838	4 264	4 480	6 519	6 441
Mozambique	..	81	18	- 16	- 3	- 28	- 364	- 1 046	- 1 118
Namibia	..	..	..	3	20	-	-	-	-
Niger	..	..	..	-	-	-	-	-	-
Nigeria	..	-	- 35	-	-	-	-	-	147
Senegal	..	-	-	-	152	287	350	367	846
South Africa	..	- 24 712	- 46 267	- 68 166	- 70 918	- 66 396	- 73 993	- 68 246	- 76 847
South Sudan	..	..	..	..	..	..	-	-	-
Sudan[1]	..	-	-	-	-	-	-	-	-
Tanzania	..	-	-	-	-	-	-	-	148
Togo	..	-	-	-	-	-	-	-	-
Tunisia	..	21	15	-	-	-	-	-	-
Zambia	..	-	- 65	- 6	- 10	-	-	-	-
Zimbabwe	..	- 154	10	12	52	34	23	24	-
Other Africa	..	81	37	176	178	365	705	734	987
Africa	**..**	**- 24 717**	**- 44 812**	**- 63 671**	**- 65 175**	**- 60 576**	**- 67 528**	**- 60 146**	**- 66 298**

A negative number shows net exports.

1. Please refer to section 'Geographical coverage'.

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Net imports of other bituminous coal and anthracite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	235	563	660	700	800	1 000	988	1 806
Brunei Darussalam	..	-	-	-	-	-	-	-	-
Cambodia	..	..	..	-	-	-	-	-	-
DPR of Korea	..	- 100	- 500	- 360	- 2 804	- 4 553	- 16 640	- 15 497	- 18 913
India	..	- 110	92	9 199	19 752	54 769	54 750	76 878	84 437
Indonesia	..	- 68	- 2 984	- 39 710	- 92 662	- 165 003	- 265 081	- 256 168	- 230 020
Malaysia	..	84	2 215	3 052	10 418	20 639	21 546	21 557	24 215
Mongolia	..	..	-	-	- 1 099	- 8 651	- 10 449	- 8 141	- 6 708
Myanmar	..	210	40	-	-	-	47	-	53
Nepal	..	83	81	413	401	490	539	788	524
Pakistan	..	-	-	-	2 278	3 838	3 009	2 645	4 887
Philippines	..	254	1 344	6 158	6 104	7 938	11 869	13 365	13 962
Singapore	..	-	-	-	1	-	421	632	778
Sri Lanka	..	-	8	1	93	108	1 131	1 607	1 971
Chinese Taipei	..	3 124	14 290	35 550	50 487	53 387	45 906	45 664	50 062
Thailand	..	94	250	3 684	8 479	16 781	18 717	21 220	23 015
Viet Nam	..	- 635	- 789	- 3 251	- 17 467	- 18 863	- 10 756	- 7 874	3 261
Other Asia	..	146	200	287	212	541	543	576	931
Asia excluding China	..	3 317	14 810	15 683	- 15 107	- 37 779	- 143 448	- 101 760	- 45 739
People's Republic of China	..	- 2 930	- 12 064	- 46 748	- 47 413	117 098	243 296	222 706	152 134
Hong Kong, China	..	3	8 928	6 058	10 824	10 324	12 972	13 789	11 163
China	**..**	**- 2 927**	**- 3 136**	**- 40 690**	**- 36 589**	**127 422**	**256 268**	**236 495**	**163 297**
Argentina	..	-	80	241	569	758	997	1 219	794
Bolivia	..	-	-	-	-	-	-	-	-
Brazil	..	-	-	3 390	4 303	4 880	7 125	9 015	9 614
Colombia	..	- 762	- 12 559	- 34 160	- 52 667	- 66 932	- 77 106	- 79 752	- 80 506
Costa Rica	..	1	-	1	2	1	3	3	3
Cuba	..	95	153	22	22	23	3	3	-
Curaçao[1]	..	-	-	-	-	-	-	-	-
Dominican Republic	..	-	17	-	476	709	850	1 043	977
Ecuador	..	-	-	-	-	-	-	-	-
El Salvador	..	-	-	-	-	-	-	-	-
Guatemala	..	22	-	215	408	571	606	720	1 888
Haiti	..	-	12	-	-	-	-	-	-
Honduras	..	-	-	135	241	107	112	119	218
Jamaica	..	-	50	53	60	54	95	95	141
Nicaragua	..	-	-	-	-	-	-	-	-
Panama	..	-	32	60	-	-	327	337	354
Paraguay	..	-	-	-	-	-	-	-	-
Peru	..	-	6	607	940	837	909	275	322
Suriname	..	..	..	-	-	-	-	-	-
Trinidad and Tobago	..	-	-	-	-	-	-	-	-
Uruguay	..	4	1	1	1	4	4	3	3
Venezuela	..	-	- 1 834	- 7 930	- 7 143	- 2 457	- 659	- 930	- 804
Other Non-OECD Americas	..	1	-	-	-	-	-	-	-
Non-OECD Americas	**..**	**- 639**	**- 14 042**	**- 37 365**	**- 52 788**	**- 61 445**	**- 66 734**	**- 67 850**	**- 66 996**
Bahrain	..	-	-	-	-	-	-	-	-
Islamic Republic of Iran	..	-	-	- 62	- 36	6	- 18	6	-
Iraq	..	-	-	-	-	-	-	-	-
Jordan	..	-	-	-	-	-	320	521	253
Kuwait	..	-	-	-	-	-	-	-	369
Lebanon	..	1	-	200	200	225	200	250	320
Oman	..	-	-	-	-	-	-	-	11
Qatar	..	-	-	-	-	-	-	-	-
Saudi Arabia	..	-	-	-	-	-	-	-	-
Syrian Arab Republic	..	1	-	-	-	-	-	-	-
United Arab Emirates	..	-	-	-	236	1 162	2 311	2 330	1 914
Yemen	..	-	-	-	-	170	185	189	145
Middle East	**..**	**2**	**-**	**138**	**400**	**1 563**	**2 998**	**3 296**	**3 012**

A negative number shows net exports.
1. Please refer to section 'Geographical coverage'.

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Net imports of sub-bituminous coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World[1]	..	**744**	**1 050**	**- 222**	**- 20 471**	**- 58 739**	**- 58 818**	**- 28 926**	**- 30 569**
Non-OECD Total	..	**- 40**	**- 897**	**- 10 575**	**- 27 966**	**- 63 534**	**- 53 577**	**- 31 844**	**- 37 524**
OECD Total[2]	..	**784**	**1 947**	**10 353**	**7 495**	**4 795**	**- 5 241**	**2 918**	**6 955**
Canada	..	-	-	4 441	7 674	3 735	2 262	1 667	1 488
Chile	..	-	-	-	-	-	-	-	-
Mexico	..	-	-	636	1	-	-	-	458
United States	..	-	-	- 1 035	- 5 332	- 5 456	- 11 139	- 5 193	- 3 208
OECD Americas	..	**-**	**-**	**4 042**	**2 343**	**- 1 721**	**- 8 877**	**- 3 526**	**- 1 262**
Australia	..	-	-	-	-	-	-	-	-
Israel	..	-	-	-	-	-	172	-	-
Japan	..	-	-	-	-	-	-	-	-
Korea	..	-	882	5 469	2 862	5 090	1 803	4 865	6 824
New Zealand	..	-	-	-	1 022	199	458	419	362
OECD Asia Oceania	..	**-**	**882**	**5 469**	**3 884**	**5 289**	**2 433**	**5 284**	**7 186**
Austria	..	-	-	38	64	69	74	86	82
Belgium	..	-	- 56	- 61	- 25	-	-	-	-
Czech Republic	..	-	-	-	-	-	-	-	-
Denmark	..	-	-	-	-	-	-	-	-
Estonia	..	..	-	-	-	-	-	-	-
Finland	..	-	-	-	-	-	-	-	-
France	..	-	-	-	-	-	-	-	-
Germany	..	-	-	-	-	-	-	-	-
Greece	..	-	-	-	-	-	-	-	-
Hungary	..	777	889	430	705	291	245	181	156
Iceland	..	-	-	-	-	-	-	-	-
Ireland	..	-	-	-	-	-	-	-	-
Italy	..	-	-	-	-	394	495	475	435
Luxembourg	..	-	-	-	-	-	-	-	-
Netherlands	..	-	-	-	-	-	-	-	-
Norway	..	-	-	-	-	-	-	-	-
Poland	..	-	-	-	-	-	-	-	-
Portugal	..	-	-	-	-	-	-	-	-
Slovak Republic	..	-	-	-	-	-	-	-	-
Slovenia	..	..	231	435	524	473	389	418	358
Spain	..	7	1	-	-	-	-	-	-
Sweden	..	-	-	-	-	-	-	-	-
Switzerland	..	-	-	-	-	-	-	-	-
Turkey	..	-	-	-	-	-	-	-	-
United Kingdom	..	-	-	-	-	-	-	-	-
OECD Europe[2]	..	**784**	**1 065**	**842**	**1 268**	**1 227**	**1 203**	**1 160**	**1 031**
IEA[2]	..	*784*	*1 716*	*9 282*	*6 970*	*4 322*	*- 5 802*	*2 500*	*6 139*
European Union - 28	..	..	*1 065*	*961*	*2 177*	*1 998*	*1 899*	*1 703*	*1 705*
G7	..	-	-	*3 406*	*2 342*	*- 1 327*	*- 8 382*	*- 3 051*	*- 1 285*
G8	..	..	-	*3 406*	*2 342*	*- 1 327*	*- 8 382*	*- 3 051*	*- 1 285*
G20	..	..	*1 050*	*- 5 999*	*- 27 342*	*- 61 836*	*- 71 899*	*- 39 775*	*- 42 462*
OPEC	..	-	-	-	-	-	*56*	*59*	*55*

A negative number shows net exports.
1. World shows the discrepancy between total exports and total imports.
2. Please refer to section 'Geographical coverage'.

© IEA/OECD, 2016

Net imports of sub-bituminous coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**- 40**	**- 897**	**- 10 575**	**- 27 966**	**- 63 534**	**- 53 577**	**- 31 844**	**- 37 524**
Albania	..	-	-	-	-	-	-	-	-
Armenia	..	..	-	-	-	-	-	-	-
Azerbaijan	..	..	-	-	-	-	-	-	-
Belarus	..	..	-	-	-	-	-	-	-
Bosnia and Herzegovina	..	..	-	- 12	- 119	- 297	- 308	- 337	- 258
Bulgaria	..	-	-	-	-	-	-	-	-
Croatia	..	..	-	-	-	28	-	-	-
Cyprus[1]	..	-	-	-	-	-	-	-	-
FYR of Macedonia	..	..	-	-	95	199	135	186	150
Georgia	..	..	-	-	-	-	-	-	-
Gibraltar	..	-	-	-	-	-	-	-	-
Kazakhstan	..	..	-	-	-	-	-	-	-
Kosovo	..	..	..	-	-	-	-	-	-
Kyrgyzstan	..	..	-	-	-	-	-	-	-
Latvia	..	..	-	-	-	-	-	-	-
Lithuania	..	..	-	119	289	125	3	-	-
Malta	..	-	-	-	-	-	-	-	-
Moldova	..	..	-	-	-	-	-	-	-
Montenegro	..	..	..	..	-	-	-	-	-
Romania	..	-	-	-	620	618	693	543	674
Russian Federation	..	..	-	-	-	-	-	-	-
Serbia	..	..	-	-	151	-	-	-	-
Tajikistan	..	..	-	-	-	-	-	-	-
Turkmenistan	..	..	-	-	-	-	-	-	-
Ukraine	..	..	-	-	-	-	-	-	-
Uzbekistan	..	..	-	-	-	-	-	-	-
Former Soviet Union	..	-	x	x	x	x	x	x	x
Former Yugoslavia	..	-	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**-**	**-**	**107**	**1 036**	**673**	**523**	**392**	**566**
Algeria	..	-	-	-	-	-	-	-	-
Angola	..	-	-	-	-	-	-	-	-
Benin	..	-	-	-	-	-	-	-	-
Botswana	..	..	-	-	-	-	-	-	-
Cameroon	..	-	-	-	-	-	-	-	-
Congo	..	-	-	-	-	-	-	-	-
Côte d'Ivoire	..	-	-	-	-	-	-	-	-
Dem. Rep. of the Congo	..	-	-	-	-	-	-	-	-
Egypt	..	-	-	-	-	-	-	-	-
Eritrea	..	..	..	-	-	-	-	-	-
Ethiopia	..	-	-	-	-	-	-	-	-
Gabon	..	-	-	-	-	-	-	-	-
Ghana	..	-	-	-	-	-	-	-	-
Kenya	..	-	-	-	-	-	-	-	-
Libya	..	-	-	-	-	-	-	-	-
Mauritius	..	-	-	-	-	-	-	-	-
Morocco	..	-	-	-	-	-	-	-	-
Mozambique	..	-	-	-	-	-	-	-	-
Namibia	..	..	..	-	-	-	-	-	-
Niger	..	..	..	-	-	-	-	-	-
Nigeria	..	-	-	-	-	-	-	-	-
Senegal	..	-	-	-	-	-	-	-	-
South Africa	..	-	-	-	-	-	-	-	-
South Sudan	..	..	..	..	..	..	-	-	-
Sudan[1]	..	-	-	-	-	-	-	-	-
Tanzania	..	-	-	-	-	-	-	-	-
Togo	..	-	-	-	-	-	-	-	-
Tunisia	..	-	-	-	-	-	-	-	-
Zambia	..	-	-	-	-	-	-	-	-
Zimbabwe	..	-	-	-	-	-	-	-	-
Other Africa	..	-	-	-	-	-	-	-	-
Africa	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

A negative number shows net exports.

1. Please refer to section 'Geographical coverage'.

© IEA/OECD, 2016

Net imports of sub-bituminous coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	-	-	-	-	-	-	-	-
Brunei Darussalam	..	-	-	-	-	-	-	-	-
Cambodia	..	..	..	-	-	17	96	490	1 559
DPR of Korea	..	-	-	-	-	-	-	-	-
India	..	-	-	-	-	30 590	89 953	107 855	85 547
Indonesia	..	- 40	- 897	- 16 471	- 34 724	- 98 050	- 157 000	- 151 048	- 135 630
Malaysia	..	-	-	-	-	-	-	-	-
Mongolia	..	..	-	-	-	-	-	-	-
Myanmar	..	-	-	-	-	-	-	-	-
Nepal	..	-	-	-	-	-	-	-	-
Pakistan	..	-	-	-	-	-	-	-	-
Philippines	..	-	-	1 088	925	- 1 265	- 1 071	- 3 721	- 295
Singapore	..	-	-	-	-	-	-	-	-
Sri Lanka	..	-	-	-	-	-	-	-	-
Chinese Taipei	..	-	-	4 701	4 797	4 244	13 318	13 247	9 160
Thailand	..	-	-	-	-	-	-	-	-
Viet Nam	..	-	-	-	-	-	225	506	1 160
Other Asia	..	-	-	-	-	-	-	-	-
Asia excluding China	..	- 40	- 897	- 10 682	- 29 002	- 64 464	- 54 479	- 32 671	- 38 499
People's Republic of China	..	..	..	..	..	..	..	..	..
Hong Kong, China	..	-	-	-	-	-	-	-	-
China	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Argentina	..	-	-	-	-	-	-	-	-
Bolivia	..	-	-	-	-	-	-	-	-
Brazil	..	-	-	-	-	257	323	376	354
Colombia	..	-	-	-	-	-	-	-	-
Costa Rica	..	-	-	-	-	-	-	-	-
Cuba	..	-	-	-	-	-	-	-	-
Curaçao[1]	..	-	-	-	-	-	-	-	-
Dominican Republic	..	-	-	-	-	-	-	-	-
Ecuador	..	-	-	-	-	-	-	-	-
El Salvador	..	-	-	-	-	-	-	-	-
Guatemala	..	-	-	-	-	-	-	-	-
Haiti	..	-	-	-	-	-	-	-	-
Honduras	..	-	-	-	-	-	-	-	-
Jamaica	..	-	-	-	-	-	-	-	-
Nicaragua	..	-	-	-	-	-	-	-	-
Panama	..	-	-	-	-	-	-	-	-
Paraguay	..	-	-	-	-	-	-	-	-
Peru	..	-	-	-	-	-	-	-	-
Suriname	..	..	..	-	-	-	-	-	-
Trinidad and Tobago	..	-	-	-	-	-	-	-	-
Uruguay	..	-	-	-	-	-	-	-	-
Venezuela	..	-	-	-	-	-	-	-	-
Other Non-OECD Americas	..	-	-	-	-	-	-	-	-
Non-OECD Americas	**..**	**-**	**-**	**-**	**-**	**257**	**323**	**376**	**354**
Bahrain	..	-	-	-	-	-	-	-	-
Islamic Republic of Iran	..	-	-	-	-	-	-	-	-
Iraq	..	-	-	-	-	-	-	-	-
Jordan	..	-	-	-	-	-	-	-	-
Kuwait	..	-	-	-	-	-	-	-	-
Lebanon	..	-	-	-	-	-	-	-	-
Oman	..	-	-	-	-	-	-	-	-
Qatar	..	-	-	-	-	-	-	-	-
Saudi Arabia	..	-	-	-	-	-	-	-	-
Syrian Arab Republic	..	-	-	-	-	-	-	-	-
United Arab Emirates	..	-	-	-	-	-	56	59	55
Yemen	..	-	-	-	-	-	-	-	-
Middle East	**..**	**-**	**-**	**-**	**-**	**-**	**56**	**59**	**55**

A negative number shows net exports.
1. Please refer to section 'Geographical coverage'.

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Net imports of lignite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World[1]	..	**1 974**	**- 1 411**	**- 295**	**- 738**	**- 2 295**	**- 2 699**	**- 3 551**	**- 4 306**
Non-OECD Total	..	**109**	**- 1 359**	**- 470**	**149**	**- 1 915**	**- 2 421**	**- 3 289**	**- 4 002**
OECD Total[2]	..	**1 865**	**- 52**	**175**	**- 887**	**- 380**	**- 278**	**- 262**	**- 304**
Canada	..	-	- 9	-	- 124	- 128	- 84	- 73	- 87
Chile	..	-	-	-	-	-	-	-	-
Mexico	..	-	-	4	3	4	3	3	4
United States	..	- 59	- 70	25	- 83	- 68	79	80	78
OECD Americas	..	**- 59**	**- 79**	**29**	**- 204**	**- 192**	**- 2**	**10**	**- 5**
Australia	..	-	-	-	-	-	-	-	-
Israel	..	-	-	-	-	-	-	-	-
Japan	..	-	-	-	-	-	-	-	-
Korea	..	-	-	-	-	-	-	-	-
New Zealand	..	-	-	-	-	-	-	-	-
OECD Asia Oceania	..	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Austria	..	260	33	16	48	35	11	12	20
Belgium	..	95	276	-	-	-	-	-	-
Czech Republic	..	- 9 037	- 9 239	- 2 767	- 1 206	- 998	- 799	482	66
Denmark	..	-	-	-	-	-	-	-	-
Estonia	..	..	-	-	-	-	-	-	-
Finland	..	-	-	-	-	-	-	-	-
France	..	-	69	52	36	52	146	177	118
Germany	..	2 114	1 904	1 795	8	-	- 161	- 1 158	- 893
Greece	..	-	-	- 21	-	34	80	26	-
Hungary	..	- 44	263	225	- 373	- 2	- 220	- 384	- 290
Iceland	..	-	-	-	-	-	-	-	-
Ireland	..	-	-	-	-	-	-	-	-
Italy	..	99	133	12	8	6	5	3	3
Luxembourg	..	28	-	-	-	-	-	-	-
Netherlands	..	156	69	28	28	22	41	41	21
Norway	..	-	-	-	-	-	-	-	-
Poland	..	- 1 569	- 193	- 9	- 8	- 91	- 23	- 127	54
Portugal	..	-	-	-	-	-	-	-	-
Slovak Republic	..	10 020	6 753	799	737	613	437	474	436
Slovenia	..	..	- 66	- 1	-	75	143	48	34
Spain	..	-	-	-	-	-	-	-	-
Sweden	..	- 1	2	-	-	-	-	-	-
Switzerland	..	-	8	6	39	66	64	134	132
Turkey	..	- 197	15	11	-	-	-	-	-
United Kingdom	..	-	-	-	-	-	-	-	-
OECD Europe[2]	..	**1 924**	**27**	**146**	**- 683**	**- 188**	**- 276**	**- 272**	**- 299**
IEA[2]	..	*1 865*	*14*	*172*	*- 890*	*- 459*	*- 424*	*- 313*	*- 342*
European Union - 28	..	..	*4 164*	*412*	*- 267*	*- 140*	*- 191*	*- 59*	*- 431*
G7	..	*2 154*	*2 027*	*1 884*	*- 155*	*- 138*	*- 15*	*- 971*	*- 781*
G8	..	..	*- 1 107*	*302*	*- 454*	*17*	*- 260*	*- 1 823*	*- 2 621*
G20	..	..	*966*	*- 1 130*	*- 770*	*- 177*	*- 440*	*- 904*	*- 2 276*
OPEC	..	-	-	-	-	-	-	-	-

A negative number shows net exports.
1. World shows the discrepancy between total exports and total imports.
2. Please refer to section 'Geographical coverage'.

© IEA/OECD, 2016

Net imports of lignite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**109**	**- 1 359**	**- 470**	**149**	**- 1 915**	**- 2 421**	**- 3 289**	**- 4 002**
Albania	..	-	- 228	43	9	-	-	-	-
Armenia	..	..	-	-	-	-	-	-	-
Azerbaijan	..	..	-	-	-	-	-	-	-
Belarus	..	..	-	-	-	-	-	-	-
Bosnia and Herzegovina	..	..	-	- 49	- 180	- 35	- 47	- 68	- 32
Bulgaria	..	-	-	-	-	- 43	- 80	- 49	- 34
Croatia	..	..	704	80	83	59	54	44	56
Cyprus[1]	..	-	-	-	1	1	1	-	-
FYR of Macedonia	..	..	35	4	190	- 3	141	85	80
Georgia	..	..	- 412	- 1	-	-	- 4	- 3	-
Gibraltar	..	-	-	-	-	-	-	-	-
Kazakhstan	..	..	-	- 120	- 212	- 1 917	- 2 048	- 2 474	- 2 145
Kosovo	..	..	..	-	42	22	- 11	- 23	- 24
Kyrgyzstan	..	..	-	20	6	10	- 8	16	-
Latvia	..	..	5	-	-	-	-	-	-
Lithuania	..	..	-	1	3	1	1	1	-
Malta	..	-	-	-	-	-	-	-	-
Moldova	..	..	-	-	-	-	-	-	-
Montenegro	..	..	..	..	- 36	- 69	- 20	- 25	- 37
Romania	..	260	3 451	202	368	96	173	351	- 22
Russian Federation	..	..	- 3 134	- 1 582	- 299	155	- 245	- 852	- 1 840
Serbia	..	..	-	100	265	210	253	446	446
Tajikistan	..	..	-	-	-	-	-	-	-
Turkmenistan	..	..	-	-	-	-	-	-	-
Ukraine[2]	..	..	- 1 365	- 9	25	-	-	- 119	-
Uzbekistan	..	..	-	973	109	83	- 20	- 41	-
Former Soviet Union	..	30	x	x	x	x	x	x	x
Former Yugoslavia	..	- 397	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**- 107**	**- 944**	**- 338**	**374**	**- 1 430**	**- 1 860**	**- 2 711**	**- 3 552**
Algeria	..	-	-	-	-	-	-	-	-
Angola	..	-	-	-	-	-	-	-	-
Benin	..	-	-	-	-	-	-	-	-
Botswana	..	..	-	-	-	-	-	-	-
Cameroon	..	-	-	-	-	-	-	-	-
Congo	..	-	-	-	-	-	-	-	-
Côte d'Ivoire	..	-	-	-	-	-	-	-	-
Dem. Rep. of the Congo	..	-	-	-	-	-	-	-	-
Egypt	..	-	-	-	-	-	-	-	-
Eritrea	..	..	..	-	-	-	-	-	-
Ethiopia	..	-	-	-	-	-	-	-	-
Gabon	..	-	-	-	-	-	-	-	-
Ghana	..	-	-	-	-	-	-	-	-
Kenya	..	-	-	-	-	-	-	-	-
Libya	..	-	-	-	-	-	-	-	-
Mauritius	..	-	-	-	-	-	-	-	-
Morocco	..	-	-	-	-	-	-	-	-
Mozambique	..	-	-	-	-	-	-	-	-
Namibia	..	..	..	-	-	-	-	-	-
Niger	..	..	..	-	-	-	-	-	-
Nigeria	..	-	-	-	-	-	-	-	-
Senegal	..	-	-	-	-	-	-	-	-
South Africa	..	-	-	-	-	-	-	-	-
South Sudan	..	..	..	..	..	..	-	-	-
Sudan[1]	..	-	-	-	-	-	-	-	-
Tanzania	..	-	-	-	-	-	-	-	-
Togo	..	-	-	-	-	-	-	-	-
Tunisia	..	-	-	-	-	-	-	-	-
Zambia	..	-	-	-	-	-	-	-	-
Zimbabwe	..	-	-	-	-	-	-	-	-
Other Africa	..	-	-	-	-	-	-	-	-
Africa	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

A negative number shows net exports.
1. Please refer to section 'Geographical coverage'.
2. Peat includes lignite starting from 2007. See confidentiality issue in section 'Country notes and sources'.

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Net imports of lignite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	-	-	-	-	-	30	-	32
Brunei Darussalam	..	-	-	-	-	-	-	-	-
Cambodia	..	..	..	-	-	-	-	-	-
DPR of Korea	..	-	-	-	-	-	-	-	-
India	..	-	-	-	-	-	- 2	- 3	-
Indonesia	..	-	-	-	-	-	-	-	-
Malaysia	..	-	-	-	-	-	-	-	-
Mongolia	..	..	- 417	43	-	- 76	- 179	- 140	- 45
Myanmar	..	-	-	-	-	-	-	-	-
Nepal	..	-	-	-	-	-	-	-	-
Pakistan	..	-	-	-	-	-	-	-	-
Philippines	..	-	-	-	-	-	-	-	-
Singapore	..	1	2	-	-	-	-	-	-
Sri Lanka	..	-	-	-	-	-	-	-	-
Chinese Taipei	..	-	-	-	-	-	-	-	-
Thailand	..	-	-	-	-	-	-	-	-
Viet Nam	..	-	-	-	-	-	-	-	-
Other Asia	..	215	-	- 175	- 225	- 409	- 410	- 435	- 437
Asia excluding China	..	216	- 415	- 132	- 225	- 485	- 561	- 578	- 450
People's Republic of China	..	..	..	..	..	..	..	..	..
Hong Kong, China	..	-	-	-	-	-	-	-	-
China	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Argentina	..	-	-	-	-	-	-	-	-
Bolivia	..	-	-	-	-	-	-	-	-
Brazil	..	-	-	-	-	-	-	-	-
Colombia	..	-	-	-	-	-	-	-	-
Costa Rica	..	-	-	-	-	-	-	-	-
Cuba	..	-	-	-	-	-	-	-	-
Curaçao[1]	..	-	-	-	-	-	-	-	-
Dominican Republic	..	-	-	-	-	-	-	-	-
Ecuador	..	-	-	-	-	-	-	-	-
El Salvador	..	-	-	-	-	-	-	-	-
Guatemala	..	-	-	-	-	-	-	-	-
Haiti	..	-	-	-	-	-	-	-	-
Honduras	..	-	-	-	-	-	-	-	-
Jamaica	..	-	-	-	-	-	-	-	-
Nicaragua	..	-	-	-	-	-	-	-	-
Panama	..	-	-	-	-	-	-	-	-
Paraguay	..	-	-	-	-	-	-	-	-
Peru	..	-	-	-	-	-	-	-	-
Suriname	..	..	..	-	-	-	-	-	-
Trinidad and Tobago	..	-	-	-	-	-	-	-	-
Uruguay	..	-	-	-	-	-	-	-	-
Venezuela	..	-	-	-	-	-	-	-	-
Other Non-OECD Americas	..	-	-	-	-	-	-	-	-
Non-OECD Americas	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bahrain	..	-	-	-	-	-	-	-	-
Islamic Republic of Iran	..	-	-	-	-	-	-	-	-
Iraq	..	-	-	-	-	-	-	-	-
Jordan	..	-	-	-	-	-	-	-	-
Kuwait	..	-	-	-	-	-	-	-	-
Lebanon	..	-	-	-	-	-	-	-	-
Oman	..	-	-	-	-	-	-	-	-
Qatar	..	-	-	-	-	-	-	-	-
Saudi Arabia	..	-	-	-	-	-	-	-	-
Syrian Arab Republic	..	-	-	-	-	-	-	-	-
United Arab Emirates	..	-	-	-	-	-	-	-	-
Yemen	..	-	-	-	-	-	-	-	-
Middle East	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

A negative number shows net exports.
1. Please refer to section 'Geographical coverage'.

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Net imports of crude oil, NGL, refinery feedstocks and additives

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World[1]	**- 30 826**	**25 264**	**74 298**	**60 885**	**45 856**	**130 447**	**60 550**	**65 348**	**..**
Non-OECD Total	**-1 232 397**	**-1 075 605**	**- 874 835**	**-1 063 404**	**-1 219 508**	**-1 037 637**	**- 972 530**	**- 893 780**	**..**
OECD Total[2]	**1 201 571**	**1 100 869**	**949 133**	**1 124 289**	**1 265 364**	**1 168 084**	**1 033 080**	**959 128**	**975 001**
Canada	- 13 560	12 369	- 10 080	- 29 971	- 39 269	- 58 765	- 92 579	- 103 655	- 113 574
Chile	3 141	3 249	5 393	9 674	10 222	8 454	9 459	9 685	8 838
Mexico	3 552	- 45 601	- 69 404	- 91 274	- 99 763	- 71 249	- 62 448	- 59 369	- 60 703
United States	171 241	289 440	339 415	505 111	576 391	513 306	390 606	343 626	325 047
OECD Americas	**164 374**	**259 457**	**265 324**	**393 540**	**447 581**	**391 746**	**245 038**	**190 287**	**159 608**
Australia	8 657	10 098	4 327	3 507	8 395	7 247	11 051	10 328	7 273
Israel	2 700	7 399	8 300	11 366	11 007	12 524	13 250	13 876	14 235
Japan	245 094	218 760	202 858	217 802	212 701	181 357	177 910	165 370	168 106
Korea	14 004	24 812	41 841	123 221	115 016	118 749	122 792	125 763	140 696
New Zealand	3 176	2 633	2 313	3 478	4 177	2 745	3 845	3 466	3 583
OECD Asia Oceania	**273 631**	**263 702**	**259 639**	**359 374**	**351 296**	**322 622**	**328 848**	**318 803**	**333 893**
Austria	6 633	8 868	7 898	7 812	8 071	7 112	7 834	7 739	8 176
Belgium	37 320	33 436	26 708	33 986	32 329	31 092	27 968	32 464	31 815
Czech Republic	7 193	9 213	7 392	5 614	7 767	7 740	6 563	7 367	7 129
Denmark	9 760	6 355	2 008	- 8 205	- 10 967	- 5 080	- 1 705	- 1 638	- 574
Estonia	..	..	-	- 123	- 222	- 388	- 541	- 603	- 749
Finland	9 524	12 876	8 713	11 834	10 748	11 212	11 842	11 908	11 248
France	134 920	113 557	75 274	83 914	84 100	64 205	56 085	54 134	56 806
Germany	126 630	119 561	88 060	100 467	111 611	92 562	90 533	89 367	90 865
Greece	13 717	14 534	14 698	20 383	19 301	20 393	23 164	25 783	26 817
Hungary	6 064	7 451	6 418	5 808	6 268	5 978	5 641	6 425	6 503
Iceland	-	-	-	-	-	-	-	-	-
Ireland	2 684	2 034	2 007	2 973	3 273	2 952	2 912	2 691	3 643
Italy	128 944	94 322	83 713	89 882	93 820	83 970	65 088	58 668	67 554
Luxembourg	-	-	-	-	-	-	-	-	-
Netherlands	72 161	49 891	47 694	59 745	61 005	59 478	54 632	53 929	58 745
Norway	4 545	- 15 692	- 66 622	- 145 268	- 110 753	- 77 729	- 58 886	- 62 851	- 62 822
Poland	11 140	16 351	13 129	18 131	18 067	23 133	23 069	23 448	26 369
Portugal	4 348	8 316	11 189	12 133	13 473	11 646	13 552	12 010	15 365
Slovak Republic	6 684	9 777	6 169	5 314	5 318	5 454	5 853	5 282	5 897
Slovenia	..	..	587	149	-	-	-	-	-
Spain	42 970	47 516	53 268	58 782	60 243	56 208	59 836	60 687	64 907
Sweden	10 606	17 713	17 016	20 343	19 986	19 410	16 878	18 202	19 320
Switzerland	6 180	4 604	3 128	4 649	4 876	4 542	4 935	4 975	2 837
Turkey	9 306	10 490	20 062	21 583	23 389	16 954	18 455	17 167	24 742
United Kingdom	112 237	6 537	- 4 339	- 38 531	4 784	12 872	25 486	22 884	16 907
OECD Europe[2]	**763 566**	**577 710**	**424 170**	**371 375**	**466 487**	**453 716**	**459 194**	**450 038**	**481 500**
IEA[2]	*1 192 178*	*1 135 822*	*1 004 257*	*1 194 374*	*1 343 898*	*1 218 355*	*1 072 819*	*994 936*	*1 012 631*
European Union - 28	*..*	*..*	*506 369*	*510 423*	*577 242*	*534 715*	*518 914*	*514 275*	*..*
G7	*905 506*	*854 546*	*774 901*	*928 674*	*1 044 138*	*889 507*	*713 129*	*630 394*	*..*
G8	*..*	*..*	*571 601*	*790 152*	*793 977*	*643 563*	*477 368*	*408 433*	*..*
G20	*..*	*..*	*600 620*	*953 046*	*981 680*	*1 109 603*	*970 212*	*956 515*	*..*
OPEC	*-1 316 392*	*-1 091 623*	*- 822 354*	*-1 076 788*	*-1 247 876*	*-1 149 719*	*-1 216 713*	*-1 165 526*	*..*

A negative number shows net exports.
1. World shows the discrepancy between total exports and total imports.
2. Please refer to section 'Geographical coverage'.

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Net imports of crude oil, NGL, refinery feedstocks and additives

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**-1 232 397**	**-1 075 605**	**- 874 835**	**-1 063 404**	**-1 219 508**	**-1 037 637**	**- 972 530**	**- 893 780**	**..**
Albania	- 412	-	-	-	-	- 498	- 1 167	- 1 007	..
Armenia	..	..	-	-	-	-	-	-	..
Azerbaijan	..	..	4 290	- 5 638	- 14 296	- 44 507	- 36 707	- 35 227	..
Belarus	..	..	37 466	11 659	17 972	14 739	19 642	20 891	..
Bosnia and Herzegovina	..	..	2 000	532	146	1 136	1 039	951	..
Bulgaria	9 652	13 000	8 201	5 306	6 355	5 994	6 435	6 047	..
Croatia	..	..	4 376	3 919	4 306	3 618	2 816	2 353	..
Cyprus[1]	656	579	624	1 155	-	-	-	-	..
FYR of Macedonia	..	..	1 214	801	961	843	54	- 7	..
Georgia	..	..	2 134	- 75	- 47	- 50	- 57	- 41	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	- 6 241	- 28 410	- 50 911	- 63 307	- 61 566	- 64 395	..
Kosovo	..	..	..	-	-	-	-	-	..
Kyrgyzstan	..	..	- 158	21	15	15	- 1	5	..
Latvia	..	..	-	93	4	2	-	-	..
Lithuania	..	..	9 508	4 741	8 913	9 183	9 479	7 926	..
Malta	-	-	-	-	-	-	-	-	..
Moldova	..	..	-	-	-	-	1	-	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	4 143	15 961	16 058	4 798	8 689	5 969	5 494	7 202	..
Russian Federation	..	..	- 203 300	- 138 522	- 250 161	- 245 944	- 235 761	- 221 961	..
Serbia	..	..	3 837	281	3 073	1 904	1 745	1 760	..
Tajikistan	..	..	-	- 5	- 5	- 5	- 4	-	..
Turkmenistan	..	..	450	- 1 600	- 2 510	- 1 300	- 3 600	- 3 200	..
Ukraine	..	..	53 100	5 744	14 844	7 809	809	124	..
Uzbekistan	..	..	5 200	8	10	15	18	19	..
Former Soviet Union	- 72 100	- 115 500	x	x	x	x	x	x	x
Former Yugoslavia	8 226	10 944	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**- 49 835**	**- 75 016**	**- 61 241**	**- 135 192**	**- 252 642**	**- 304 384**	**- 291 331**	**- 278 560**	**..**
Algeria	- 44 856	- 37 846	- 31 121	- 37 023	- 58 497	- 38 734	- 33 400	- 28 061	..
Angola	- 7 323	- 6 204	- 21 741	- 37 074	- 60 102	- 85 998	- 83 510	- 81 274	..
Benin	-	-	- 206	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	-	- 3 360	- 5 968	- 4 154	- 2 655	- 1 110	- 995	- 1 301	..
Congo	- 1 461	- 3 348	- 7 425	- 13 210	- 12 042	- 15 264	- 12 126	- 12 342	..
Côte d'Ivoire	1 255	1 742	2 046	2 786	1 853	1 085	2 347	2 422	..
Dem. Rep. of the Congo	732	- 673	- 1 035	- 1 186	- 1 269	- 1 109	- 1 129	- 1 061	..
Egypt	- 1 610	- 16 876	- 19 615	- 9 891	449	- 5 744	- 6 750	- 6 898	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	624	636	700	-	-	-	-	-	..
Gabon	- 6 500	- 7 502	- 11 909	- 13 177	- 12 643	- 12 156	- 10 770	- 10 792	..
Ghana	1 069	1 042	819	1 285	1 968	1 662	- 3 643	- 4 693	..
Kenya	2 696	3 075	2 178	2 452	1 774	1 552	567	597	..
Libya	- 106 278	- 82 818	- 52 719	- 50 537	- 67 746	- 69 435	- 43 949	- 18 016	..
Mauritius	-	-	-	-	-	-	-	-	..
Morocco	2 094	3 988	5 681	6 853	6 910	6 083	7 077	6 471	..
Mozambique	792	725	-	-	- 21	- 30	- 49	- 59	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	- 98 640	- 94 632	- 74 892	- 109 985	- 118 714	- 122 333	- 108 446	- 110 604	..
Senegal	666	749	642	891	990	657	862	903	..
South Africa	13 665	15 500	12 378	19 484	20 261	19 234	21 726	21 906	..
South Sudan	..	..	..	..	..	..	- 4 938	- 7 760	..
Sudan[1]	1 100	964	837	- 6 622	- 11 786	- 18 115	- 1 992	- 1 788	..
Tanzania	879	622	557	-	-	-	-	-	..
Togo	-	212	-	-	-	-	-	-	..
Tunisia	- 2 644	- 3 463	- 2 839	- 1 739	- 1 736	- 3 512	- 1 126	- 1 099	..
Zambia	658	762	788	28	404	625	606	560	..
Zimbabwe	-	-	-	-	-	-	-	-	..
Other Africa	1 294	1 218	1 193	- 5 264	- 26 506	- 20 264	- 19 865	- 20 158	..
Africa	**- 241 788**	**- 225 487**	**- 201 651**	**- 256 083**	**- 339 108**	**- 362 906**	**- 299 503**	**- 273 047**	**..**

A negative number shows net exports.

1. Please refer to section 'Geographical coverage'.

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Net imports of crude oil, NGL, refinery feedstocks and additives

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	719	1 278	948	1 290	1 063	1 190	1 183	1 308	..
Brunei Darussalam	- 11 597	- 11 736	- 7 410	- 9 495	- 10 262	- 7 693	- 6 224	- 5 762	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	412	2 109	2 530	391	480	528	580	532	..
India	13 855	16 248	20 699	74 097	99 409	163 595	189 238	189 432	..
Indonesia	- 49 237	- 59 669	- 31 722	- 17 035	- 3 074	3 620	7 464	10 022	..
Malaysia	- 333	- 7 385	- 20 281	- 9 098	- 10 318	- 8 718	- 1 458	- 1 790	..
Mongolia	..	..	-	- 9	- 27	- 284	- 718	- 943	..
Myanmar	-	- 53	-	546	- 326	-	- 141	- 144	..
Nepal	-	-	-	-	-	-	-	-	..
Pakistan	3 044	3 910	3 412	6 611	8 601	6 658	8 012	8 274	..
Philippines	9 266	9 263	10 957	15 545	9 889	8 171	6 937	7 977	..
Singapore	22 320	30 587	42 661	41 832	58 442	45 919	44 218	40 990	..
Sri Lanka	1 747	1 861	1 758	2 349	2 008	1 819	1 743	1 824	..
Chinese Taipei	9 075	18 318	22 212	38 810	54 761	46 050	44 095	45 383	..
Thailand	7 643	7 866	9 726	30 596	37 958	40 838	43 357	40 979	..
Viet Nam	-	-	- 2 617	- 15 423	- 18 026	- 8 072	- 8 541	- 9 463	..
Other Asia	6	-	- 4 500	- 3 209	- 1 707	- 620	- 16	- 232	..
Asia excluding China	6 920	12 597	48 373	157 798	228 871	293 001	329 729	328 387	..
People's Republic of China	- 1 834	- 12 943	- 21 067	59 959	118 750	234 652	280 125	307 774	..
Hong Kong, China	-	-	-	-	-	-	-	-	..
China	**- 1 834**	**- 12 943**	**- 21 067**	**59 959**	**118 750**	**234 652**	**280 125**	**307 774**	**..**
Argentina	2 978	2 233	- 579	- 12 894	- 7 438	- 2 861	- 529	- 1 470	..
Bolivia	- 1 698	-	-	- 173	- 217	-	- 353	- 453	..
Brazil	33 510	43 425	28 915	19 228	3 468	- 14 846	- 136	- 8 561	..
Colombia	- 1 340	1 037	- 9 902	- 19 649	- 11 415	- 24 251	- 33 542	- 33 073	..
Costa Rica	420	517	445	46	536	502	-	-	..
Cuba	5 243	6 025	6 308	1 648	2 202	6 067	5 462	5 075	..
Curaçao[1]	43 441	30 176	10 495	11 409	11 829	4 723	9 350	9 996	..
Dominican Republic	1 253	1 534	1 594	2 080	2 152	1 425	1 383	1 372	..
Ecuador	- 8 932	- 5 590	- 8 972	- 12 473	- 17 976	- 16 998	- 19 190	- 21 257	..
El Salvador	677	663	697	1 009	1 054	808	- 11	-	..
Guatemala	946	639	385	- 129	- 630	- 555	- 481	- 449	..
Haiti	-	-	-	-	-	-	-	-	..
Honduras	607	497	425	-	-	-	-	-	..
Jamaica	1 830	879	1 340	1 059	466	1 147	1 168	958	..
Nicaragua	598	572	609	859	799	782	672	709	..
Panama	3 848	2 043	1 167	2 314	-	-	-	-	..
Paraguay	210	279	307	107	35	-	-	-	..
Peru	1 752	- 2 332	734	2 395	4 171	3 836	3 531	3 416	..
Suriname	..	..	..	- 115	-	-	-	-	..
Trinidad and Tobago	10 913	874	- 2 975	2 319	1 003	1 177	2 348	1 242	..
Uruguay	1 747	1 895	1 122	1 761	2 035	1 934	1 903	1 887	..
Venezuela	- 111 350	- 68 033	- 64 317	- 113 066	- 125 789	- 95 710	- 97 643	- 90 927	..
Other Non-OECD Americas	15 530	11 186	1 093	12 184	11 140	609	749	783	..
Non-OECD Americas	**2 183**	**28 519**	**- 31 109**	**- 100 081**	**- 122 575**	**- 132 211**	**- 125 319**	**- 130 752**	**..**
Bahrain	2 918	2 705	3 138	3 519	3 980	4 248	3 455	3 197	..
Islamic Republic of Iran	- 262 650	- 37 483	- 116 966	- 115 340	- 128 382	- 119 582	- 58 045	- 61 458	..
Iraq	- 94 770	- 121 363	- 84 698	- 101 327	- 68 775	- 92 937	- 117 466	- 123 677	..
Jordan	706	1 754	2 689	3 693	4 516	3 416	3 111	3 161	..
Kuwait	- 132 875	- 63 809	- 31 799	- 61 757	- 84 141	- 69 976	- 102 646	- 101 123	..
Lebanon	2 413	2 250	100	-	-	-	-	-	..
Oman	- 14 903	- 14 206	- 31 944	- 46 954	- 37 658	- 36 031	- 40 175	- 38 903	..
Qatar	- 27 485	- 22 538	- 17 082	- 33 345	- 39 218	- 44 856	- 51 023	- 49 871	..
Saudi Arabia	- 347 616	- 470 132	- 240 092	- 311 673	- 373 637	- 290 161	- 376 616	- 354 132	..
Syrian Arab Republic	- 3 288	- 2 758	- 9 240	- 16 584	- 10 411	- 8 138	2 913	4 157	..
United Arab Emirates	- 73 617	- 81 175	- 77 955	- 93 188	- 104 899	- 102 999	- 124 779	- 125 126	..
Yemen	3 124	3 480	- 4 291	- 16 849	- 14 179	- 8 773	- 4 960	- 3 807	..
Middle East	**- 948 043**	**- 803 275**	**- 608 140**	**- 789 805**	**- 852 804**	**- 765 789**	**- 866 231**	**- 847 582**	**..**

A negative number shows net exports.

1. Please refer to section 'Geographical coverage'.

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Net imports of oil products

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World[1]	**- 30 084**	**- 36 881**	**- 66 309**	**- 70 837**	**- 87 133**	**- 51 759**	**- 65 950**	**- 55 588**	**..**
Non-OECD Total	**- 193 848**	**- 147 247**	**- 184 147**	**- 172 355**	**- 215 668**	**- 105 169**	**- 47 225**	**- 29 550**	**..**
OECD Total[2]	**163 764**	**110 366**	**117 838**	**101 518**	**128 535**	**53 410**	**- 18 725**	**- 26 038**	**- 37 542**
Canada	- 347	- 3 602	- 3 634	- 7 010	- 7 163	- 6 926	- 11 934	- 10 178	- 10 438
Chile	275	62	307	981	2 084	6 500	6 473	6 452	6 996
Mexico	1 853	- 1 516	407	16 102	13 346	19 116	18 802	18 877	23 008
United States	127 606	39 771	21 801	25 447	57 114	- 30 412	- 80 961	- 85 793	- 85 096
OECD Americas	**129 387**	**34 715**	**18 881**	**35 520**	**65 381**	**- 11 722**	**- 67 620**	**- 70 642**	**- 65 530**
Australia	395	1 038	956	737	6 581	13 365	17 608	18 487	22 662
Israel	- 284	1 038	638	782	- 832	- 1 042	- 2 585	- 3 812	- 4 009
Japan	23 581	27 921	53 959	46 649	40 111	26 200	29 086	29 190	24 961
Korea	- 999	1 993	8 587	- 16 375	- 14 981	- 12 673	- 16 226	- 18 945	- 24 378
New Zealand	1 070	1 347	47	978	1 776	1 666	1 844	1 992	1 848
OECD Asia Oceania	**23 763**	**33 337**	**64 187**	**32 771**	**32 655**	**27 516**	**29 727**	**26 912**	**21 084**
Austria	3 002	2 026	1 754	3 003	5 012	4 409	3 360	3 175	3 241
Belgium	- 6 483	- 7 580	- 4 481	- 4 431	514	1 607	1 472	- 3 465	- 1 117
Czech Republic	1 664	1 687	1 205	1 856	1 889	1 100	1 531	1 309	1 385
Denmark	8 693	6 803	691	420	1 892	1 452	826	1 204	1 080
Estonia	..	..	3 197	887	1 114	1 147	1 447	1 342	1 312
Finland	4 171	867	1 710	- 1 429	51	- 1 898	- 2 983	- 2 758	- 1 597
France	- 6 109	- 975	10 328	6 039	9 883	17 766	22 221	22 318	19 719
Germany	31 319	26 263	31 519	23 570	8 660	17 682	17 572	15 860	15 229
Greece	- 2 426	- 1 343	- 253	- 689	1 120	- 2 948	- 10 267	- 11 836	- 11 627
Hungary	425	849	137	- 584	- 375	- 308	- 812	- 802	- 65
Iceland	678	576	679	833	845	672	705	746	768
Ireland	2 725	3 771	2 991	5 090	5 450	4 536	3 829	3 741	3 679
Italy	- 23 914	3 729	6 648	- 971	- 14 275	- 16 392	- 11 588	- 8 273	- 15 106
Luxembourg	1 666	1 083	1 596	2 327	3 085	2 802	2 744	2 640	2 561
Netherlands	- 31 962	- 12 366	- 17 258	- 17 043	- 12 191	- 14 302	- 11 486	- 13 073	- 14 614
Norway	2 294	1 072	- 4 730	- 5 482	- 10 467	- 7 893	- 9 482	- 11 048	- 11 813
Poland	484	1 317	1 242	1 238	3 367	1 930	- 2 203	- 2 302	- 3 158
Portugal	1 734	956	1 008	3 694	3 339	662	- 3 233	- 1 784	- 4 102
Slovak Republic	- 1 386	- 2 296	- 1 644	- 2 588	- 2 072	- 2 006	- 2 675	- 2 324	- 2 619
Slovenia	..	..	1 184	2 220	2 574	2 550	2 316	2 305	2 327
Spain	- 2 714	1 398	- 4 562	12 190	19 275	12 758	- 4 218	- 2 868	- 5 361
Sweden	18 019	8 046	- 2 062	- 4 890	- 2 880	- 4 234	- 2 849	- 4 184	- 5 692
Switzerland	8 484	8 505	9 717	7 073	7 608	6 888	6 889	5 739	7 425
Turkey	- 645	2 791	208	7 359	4 500	11 986	13 883	15 727	16 178
United Kingdom	895	- 4 865	- 6 054	- 6 465	- 7 419	- 2 350	2 169	6 303	8 871
OECD Europe[2]	**10 614**	**42 314**	**34 770**	**33 227**	**30 499**	**37 616**	**19 168**	**17 692**	**6 904**
IEA[2]	*161 242*	*110 206*	*114 623*	*80 600*	*110 518*	*25 614*	*- 44 436*	*- 50 606*	*- 66 632*
European Union - 28	*..*	*..*	*25 562*	*21 050*	*21 476*	*22 734*	*1 847*	*2 315*	*..*
G7	*153 031*	*88 242*	*114 567*	*87 259*	*86 911*	*5 568*	*- 33 435*	*- 30 573*	*..*
G8	*..*	*..*	*57 575*	*33 971*	*2 467*	*- 105 043*	*- 150 607*	*- 146 296*	*..*
G20	*..*	*..*	*- 13 624*	*17 351*	*8 861*	*- 78 242*	*- 143 339*	*- 153 948*	*..*
OPEC	*- 104 704*	*- 70 842*	*- 128 747*	*- 177 344*	*- 163 145*	*- 129 614*	*- 95 621*	*- 97 669*	*..*

A negative number shows net exports.
1. World shows the discrepancy between total exports and total imports.
2. Please refer to section 'Geographical coverage'.

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Net imports of oil products

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**- 193 848**	**- 147 247**	**- 184 147**	**- 172 355**	**- 215 668**	**- 105 169**	**- 47 225**	**- 29 550**	**..**
Albania	- 946	- 465	14	753	1 037	1 090	1 463	1 283	..
Armenia	..	..	3 870	348	405	415	363	359	..
Azerbaijan	..	..	- 8 110	- 2 010	- 2 113	- 2 742	- 1 723	- 2 079	..
Belarus	..	..	- 10 230	- 5 854	- 12 188	- 9 538	- 13 914	- 14 074	..
Bosnia and Herzegovina	..	..	-	616	974	534	450	434	..
Bulgaria	1 490	264	337	- 1 240	- 1 156	- 1 818	- 2 517	- 1 947	..
Croatia	..	..	- 2 281	- 1 494	- 660	- 613	- 308	30	..
Cyprus[1]	192	396	947	1 417	2 828	2 936	2 324	2 292	..
FYR of Macedonia	..	..	- 134	133	- 21	75	806	919	..
Georgia	..	..	3 459	690	756	968	1 051	1 105	..
Gibraltar	1 301	1 390	1 842	2 843	4 242	4 461	4 126	3 130	..
Kazakhstan	..	..	1 445	1 348	- 2 419	- 5 156	- 3 755	- 4 847	..
Kosovo	..	..	..	326	453	540	598	556	..
Kyrgyzstan	..	..	3 000	300	554	1 169	1 486	1 362	..
Latvia	..	..	4 000	1 130	1 746	1 647	1 624	1 510	..
Lithuania	..	..	- 2 175	- 2 463	- 6 262	- 6 530	- 7 101	- 5 615	..
Malta	343	427	617	1 484	1 664	2 422	2 186	2 095	..
Moldova	..	..	4 917	459	641	713	756	763	..
Montenegro	..	..	..	..	290	305	272	283	..
Romania	- 4 593	- 8 452	- 4 779	- 1 228	- 4 697	- 1 273	- 1 534	- 2 578	..
Russian Federation	..	..	- 56 992	- 53 288	- 84 444	- 110 611	- 117 172	- 115 723	..
Serbia	..	..	300	198	599	887	223	198	..
Tajikistan	..	..	1 656	204	294	520	718	875	..
Turkmenistan	..	..	1 006	- 1 788	- 2 299	- 2 943	- 2 290	- 2 554	..
Ukraine	..	..	412	2 536	- 5 531	1 769	6 094	7 128	..
Uzbekistan	..	..	2 100	- 402	- 295	- 239	- 213	- 200	..
Former Soviet Union	- 31 500	- 39 900	x	x	x	x	x	x	x
Former Yugoslavia	882	628	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**- 32 831**	**- 45 712**	**- 54 779**	**- 54 982**	**- 105 602**	**- 121 012**	**- 125 987**	**- 125 295**	**..**
Algeria	- 2 933	- 6 607	- 17 200	- 21 181	- 16 179	- 19 062	- 12 928	- 20 820	..
Angola	183	- 69	- 274	- 83	- 153	2 504	3 458	4 572	..
Benin	134	136	97	498	804	1 598	1 841	1 962	..
Botswana	..	..	328	559	657	843	942	978	..
Cameroon	314	420	- 42	- 571	- 838	- 503	- 526	- 696	..
Congo	210	261	- 293	- 204	- 202	- 39	- 11	- 11	..
Côte d'Ivoire	- 192	- 276	- 987	- 1 668	- 2 398	- 1 899	- 1 629	- 1 324	..
Dem. Rep. of the Congo	139	570	782	346	567	714	1 252	1 698	..
Egypt	- 237	- 489	- 1 557	- 513	- 1 752	4 301	7 192	7 042	..
Eritrea	..	..	..	205	226	155	178	181	..
Ethiopia	- 75	- 50	268	1 066	1 527	2 186	2 855	3 130	..
Gabon	- 514	- 578	- 45	- 82	20	- 17	315	339	..
Ghana	- 176	- 219	180	642	344	1 686	3 032	3 489	..
Kenya	- 964	- 918	- 56	952	1 291	2 494	3 511	3 504	..
Libya	- 262	- 2 221	- 6 297	- 6 743	- 5 486	- 1 552	1 240	7 105	..
Mauritius	125	277	392	913	1 066	1 077	1 249	1 184	..
Morocco	267	- 42	- 70	33	2 227	6 590	7 216	7 272	..
Mozambique	- 11	- 43	331	543	510	753	1 337	1 024	..
Namibia	..	..	..	619	763	977	1 097	1 153	..
Niger	..	..	..	177	193	382	- 157	- 165	..
Nigeria	- 304	925	- 2 919	6 202	3 598	7 625	7 435	7 341	..
Senegal	891	479	187	601	837	1 210	1 074	1 249	..
South Africa	523	1 000	-	- 5 362	- 3 859	4 454	4 462	3 902	..
South Sudan	..	..	..	..	..	..	492	509	..
Sudan[1]	464	327	1 040	100	322	417	939	737	..
Tanzania	91	226	195	827	1 469	1 646	2 804	2 772	..
Togo	96	- 86	212	324	348	713	578	597	..
Tunisia	400	992	1 032	1 604	2 416	3 664	2 200	2 704	..
Zambia	278	- 38	- 39	486	278	30	336	361	..
Zimbabwe	679	648	772	1 028	671	596	1 366	1 231	..
Other Africa	2 380	3 143	3 663	5 081	6 120	7 671	9 250	9 641	..
Africa	**1 506**	**- 2 232**	**- 20 300**	**- 13 601**	**- 4 613**	**31 214**	**52 400**	**52 661**	**..**

A negative number shows net exports.

1. Please refer to section 'Geographical coverage'.

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Net imports of oil products

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	169	366	884	1 794	2 621	2 607	3 754	4 210	..
Brunei Darussalam	67	186	9	17	15	137	277	358	..
Cambodia	..	..	..	691	933	1 549	1 676	1 737	..
DPR of Korea	765	570	112	669	457	309	311	319	..
India	3 400	6 505	6 031	1 340	- 10 658	- 41 668	- 53 243	- 44 626	..
Indonesia	- 834	2 329	- 7 910	3 879	14 951	19 265	25 324	23 365	..
Malaysia	527	2 455	2 019	- 1 890	- 474	1 793	6 996	7 404	..
Mongolia	..	..	793	431	552	808	1 197	1 132	..
Myanmar	48	- 15	- 29	772	970	228	2 103	3 396	..
Nepal	70	111	236	695	710	956	1 170	1 325	..
Pakistan	39	604	5 056	9 667	4 768	10 859	10 675	11 523	..
Philippines	- 169	1 870	636	1 152	3 789	5 823	7 049	7 802	..
Singapore	- 10 265	- 22 504	- 17 808	- 1 336	- 13 395	17 377	21 732	26 191	..
Sri Lanka	- 108	- 270	- 109	1 351	2 019	2 055	2 467	2 795	..
Chinese Taipei	1 201	2 915	5 980	5 533	- 7 316	1 005	- 1 185	498	..
Thailand	506	4 087	7 533	- 3 419	- 3 326	- 9 279	- 7 795	- 5 298	..
Viet Nam	5 654	1 814	2 871	7 631	11 890	10 872	9 260	10 734	..
Other Asia	2 665	3 086	3 106	3 343	882	2 232	7 425	8 164	..
Asia excluding China	3 735	4 109	9 410	32 320	9 388	26 928	39 193	61 029	..
People's Republic of China	16	- 4 114	- 3 148	13 796	23 688	19 691	21 419	12 470	..
Hong Kong, China	4 861	6 430	6 260	12 447	13 216	21 009	17 245	15 802	..
China	**4 877**	**2 316**	**3 112**	**26 243**	**36 904**	**40 700**	**38 664**	**28 272**	**..**
Argentina	788	- 1 104	- 3 567	- 3 763	- 5 493	1 378	4 052	4 868	..
Bolivia	14	- 48	- 192	29	- 217	317	557	610	..
Brazil	- 808	1 077	- 1 148	8 603	1 083	15 127	16 047	17 764	..
Colombia	- 1 544	198	- 2 521	- 3 481	- 3 649	- 2 388	- 970	115	..
Costa Rica	160	280	555	1 703	1 474	1 758	2 366	2 446	..
Cuba	1 988	3 838	3 942	4 255	2 914	1 878	1 252	1 560	..
Curaçao[1]	- 36 246	- 22 294	- 7 383	- 7 202	- 7 457	- 273	- 5 888	- 6 285	..
Dominican Republic	425	598	1 446	4 263	3 495	4 003	3 921	3 683	..
Ecuador	- 95	- 720	- 1 188	- 1 348	131	3 000	3 737	5 410	..
El Salvador	10	- 48	79	776	881	1 146	2 000	2 044	..
Guatemala	73	686	731	1 922	3 219	3 138	3 243	4 520	..
Haiti	128	217	309	477	657	668	807	911	..
Honduras	- 217	59	290	1 369	2 018	2 235	2 496	2 488	..
Jamaica	1 126	1 342	1 154	2 523	3 072	1 223	1 538	1 622	..
Nicaragua	21	65	17	304	587	565	739	796	..
Panama	- 1 473	96	1 366	2 163	4 732	5 891	6 382	6 491	..
Paraguay	68	210	348	1 001	1 071	1 447	1 532	1 738	..
Peru	258	- 573	- 1 470	320	- 1 680	- 1 896	- 849	- 509	..
Suriname	..	..	..	- 13	- 81	- 227	- 290	- 318	..
Trinidad and Tobago	- 16 154	- 9 944	- 3 405	- 7 176	- 6 815	- 5 703	- 5 506	- 4 500	..
Uruguay	92	196	218	179	- 1	567	602	512	..
Venezuela	- 59 537	- 29 417	- 30 002	- 37 082	- 34 879	- 24 587	- 18 582	- 20 740	..
Other Non-OECD Americas	- 7 524	- 4 863	3 680	- 7 233	- 6 665	4 574	6 006	6 145	..
Non-OECD Americas	**- 118 447**	**- 60 149**	**- 36 741**	**- 37 411**	**- 41 603**	**13 841**	**25 192**	**31 371**	**..**
Bahrain	- 10 431	- 10 959	- 11 485	- 11 422	- 10 368	- 10 760	- 11 015	- 11 220	..
Islamic Republic of Iran	- 11 857	- 4 264	2 671	- 16 640	- 9 524	- 10 350	- 12 241	- 10 692	..
Iraq	- 713	- 1 297	- 1 717	- 4 582	- 606	7 990	11 593	13 582	..
Jordan	- 38	- 2	781	998	1 076	1 597	3 351	4 512	..
Kuwait	- 16 410	- 13 846	- 9 987	- 30 839	- 31 226	- 31 269	- 29 907	- 29 452	..
Lebanon	- 64	201	1 743	4 473	4 594	5 693	6 590	7 054	..
Oman	1 326	890	- 1 117	- 992	- 553	- 1 303	- 598	- 1 330	..
Qatar	114	- 47	- 2 891	- 3 519	- 5 255	- 16 976	- 20 280	- 20 409	..
Saudi Arabia	- 13 170	- 17 172	- 60 996	- 54 260	- 60 607	- 50 277	- 33 578	- 41 450	..
Syrian Arab Republic	180	- 1 352	- 1 936	- 1 158	3 365	3 173	1 839	1 200	..
United Arab Emirates	280	3 893	2 053	- 7 269	- 2 959	3 340	4 432	7 884	..
Yemen	- 1 905	- 1 624	- 1 968	286	1 921	2 302	3 127	2 733	..
Middle East	**- 52 688**	**- 45 579**	**- 84 849**	**- 124 924**	**- 110 142**	**- 96 840**	**- 76 687**	**- 77 588**	**..**

A negative number shows net exports.
1. Please refer to section 'Geographical coverage'.

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Net imports of natural gas

Unit: TJ-gross	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World[1]	**39 353**	**- 331 456**	**66 777**	**- 246 790**	**- 735 074**	**115 082**	**- 938 653**	**- 880 932**	**- 747 489**
Non-OECD Total	**- 527 059**	**-3 096 867**	**-6 555 446**	**-11 148 702**	**-14 494 129**	**-15 681 058**	**-16 471 763**	**-15 419 249**	**-15 083 303**
OECD Total[2]	**566 412**	**2 765 411**	**6 622 223**	**10 901 912**	**13 759 055**	**15 796 140**	**15 533 110**	**14 538 317**	**14 335 814**
Canada	-1 059 771	- 855 011	-1 513 001	-3 784 520	-3 701 544	-2 808 906	-2 181 238	-2 203 186	-2 293 680
Chile	-	-	-	170 800	245 404	139 900	152 036	136 813	132 755
Mexico	- 2 240	- 112 541	17 191	102 415	347 653	551 480	1 021 580	1 097 392	1 393 012
United States	1 028 898	1 008 776	1 544 182	3 824 284	3 916 053	2 826 771	1 427 080	1 283 511	1 032 283
OECD Americas	**- 33 113**	**41 224**	**48 372**	**312 979**	**807 566**	**709 245**	**419 458**	**314 530**	**264 370**
Australia	-	-	- 109 300	- 431 027	- 576 035	- 746 180	-1 017 893	- 987 063	-1 102 492
Israel	-	-	-	-	-	80 583	22 262	4 606	6 563
Japan	129 581	909 009	1 969 965	2 954 329	3 153 883	3 852 397	4 824 640	4 898 459	4 595 880
Korea	-	-	124 700	794 151	1 214 706	1 827 793	2 217 444	2 047 587	1 811 665
New Zealand	-	-	-	-	-	-	-	-	-
OECD Asia Oceania	**129 581**	**909 009**	**1 985 365**	**3 317 453**	**3 792 554**	**5 014 593**	**6 046 453**	**5 963 589**	**5 311 616**
Austria	62 343	123 618	208 797	246 834	332 734	284 486	245 398	290 087	232 081
Belgium	330 774	413 681	382 255	617 685	689 306	781 130	673 147	593 033	639 037
Czech Republic	33 677	112 081	222 627	348 062	350 506	318 478	323 844	276 870	286 767
Denmark	-	-	- 43 172	- 134 087	- 233 085	- 140 571	- 35 836	- 61 131	- 64 006
Estonia	..	..	56 861	30 797	37 201	26 168	25 814	20 262	18 164
Finland	-	35 711	101 546	159 584	167 783	178 502	132 881	116 914	103 389
France	351 767	752 461	1 133 737	1 664 415	1 894 308	1 840 025	1 768 151	1 571 684	1 608 900
Germany	572 272	1 643 313	1 942 285	2 645 371	2 881 437	2 867 723	2 955 941	2 636 450	2 835 800
Greece	-	-	-	78 551	108 495	150 292	150 477	114 747	124 377
Hungary	7 182	148 551	240 515	338 788	456 244	359 424	258 494	317 204	242 762
Iceland	-	-	-	-	-	-	-	-	-
Ireland	-	-	-	115 259	140 007	208 403	172 594	167 089	168 442
Italy	76 543	547 403	1 177 468	2 186 824	2 783 738	2 865 615	2 352 218	2 115 312	2 323 338
Luxembourg	10 170	19 741	19 981	31 231	54 720	55 665	41 398	39 224	35 771
Netherlands	-1 175 009	-1 790 091	-1 107 135	- 799 705	- 974 166	-1 126 301	-1 330 505	- 987 620	- 435 623
Norway	-	-1 018 958	-1 031 422	-1 960 233	-3 301 480	-4 070 028	-4 180 121	-4 189 149	-4 503 118
Poland	64 468	200 298	315 069	307 355	396 880	412 831	474 141	448 793	462 710
Portugal	-	-	-	94 864	181 102	209 571	177 377	161 638	188 515
Slovak Republic	54 618	102 734	249 025	265 484	266 812	232 724	202 152	183 933	171 542
Slovenia	..	..	33 639	38 125	43 049	39 860	32 065	29 002	30 782
Spain	43 283	65 674	171 653	719 516	1 407 156	1 439 790	1 200 311	1 139 890	1 108 658
Sweden	-	-	26 840	36 092	39 199	68 195	44 440	36 939	33 662
Switzerland	6 907	40 310	75 760	113 195	129 460	140 015	143 363	124 205	132 690
Turkey	-	-	124 750	560 616	1 029 654	1 432 147	1 707 866	1 862 609	1 823 617
United Kingdom	30 949	418 651	287 407	- 433 143	277 875	1 498 158	1 531 589	1 252 213	1 191 571
OECD Europe[2]	**469 944**	**1 815 178**	**4 588 486**	**7 271 480**	**9 158 935**	**10 072 302**	**9 067 199**	**8 260 198**	**8 759 828**
IEA[2]	*568 652*	*2 877 952*	*6 571 393*	*10 590 572*	*13 122 949*	*14 984 317*	*14 305 167*	*13 270 504*	*12 772 702*
European Union - 28	*..*	*..*	*6 311 278*	*9 001 552*	*11 819 366*	*12 933 485*	*11 753 132*	*10 750 403*	*11 591 080*
G7	*1 130 239*	*4 424 602*	*6 542 043*	*9 057 560*	*11 205 750*	*12 941 783*	*12 678 381*	*11 554 443*	*11 294 092*
G8	*..*	*..*	*- 216 443*	*2 262 560*	*3 705 707*	*5 932 312*	*4 892 075*	*4 635 655*	*3 956 722*
G20	*..*	*..*	*571 659*	*4 542 852*	*8 477 094*	*13 025 445*	*14 454 325*	*14 727 733*	*14 452 189*
OPEC	*- 534 783*	*- 438 053*	*-1 489 247*	*-3 416 717*	*-4 692 874*	*-6 817 110*	*-7 376 591*	*-7 066 662*	*-7 099 304*

A negative number shows net exports.
1. World shows the discrepancy between total exports and total imports.
2. Please refer to section 'Geographical coverage'.

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Net imports of natural gas

Unit: TJ-gross	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**- 527 059**	**-3 096 867**	**-6 555 446**	**-11 148 702**	**-14 494 129**	**-15 681 058**	**-16 471 763**	**-15 419 249**	**-15 083 303**
Albania	-	-	-	-	-	-	-	-	-
Armenia	..	..	167 200	52 116	62 281	63 761	86 756	87 539	81 545
Azerbaijan	..	..	302 241	11 046	176 549	- 241 672	- 285 450	- 316 112	- 321 112
Belarus	..	..	590 156	661 016	777 075	833 077	782 482	774 448	725 707
Bosnia and Herzegovina	..	..	18 473	9 281	14 058	9 283	7 572	7 043	8 823
Bulgaria	-	141 160	252 614	127 563	114 340	99 133	103 540	103 387	103 454
Croatia	..	..	26 763	42 104	26 125	22 119	33 785	26 861	33 216
Cyprus[1]	-	-	-	-	-	-	-	-	-
FYR of Macedonia	..	..	-	2 499	2 902	4 449	6 032	5 166	5 179
Georgia	..	..	209 568	41 734	48 609	46 972	64 371	84 913	84 923
Gibraltar	-	-	-	-	-	-	-	-	-
Kazakhstan	..	..	228 790	- 38 830	- 163 868	- 106 016	- 197 246	- 246 879	- 244 812
Kosovo	..	..	..	-	-	-	-	-	-
Kyrgyzstan	..	..	67 583	25 437	27 747	10 602	11 433	9 248	9 248
Latvia	..	..	119 132	51 790	66 710	42 014	64 778	36 291	53 882
Lithuania	..	..	217 617	96 042	115 955	115 580	100 731	99 688	86 588
Malta	-	-	-	-	-	-	-	-	-
Moldova	..	..	152 365	98 844	111 149	107 520	80 804	95 621	99 041
Montenegro	..	..	..	..	-	-	-	-	-
Romania	- 7 555	51 368	275 754	126 151	194 935	84 471	54 207	21 643	7 301
Russian Federation	..	..	-6 758 486	-6 795 000	-7 500 043	-7 009 471	-7 786 306	-6 918 788	-7 337 370
Serbia	..	..	95 836	42 314	79 940	72 890	69 916	51 661	63 120
Tajikistan	..	..	60 320	27 698	23 946	6 612	11 625	12 249	12 236
Turkmenistan	..	..	-2 630 000	-1 270 490	-1 723 950	- 909 668	-2 031 476	-2 078 710	-1 914 493
Ukraine	..	..	3 418 435	2 198 921	2 245 211	1 374 881	1 051 134	731 493	618 103
Uzbekistan	..	..	- 24 019	- 198 387	- 428 146	- 545 602	- 511 502	- 556 968	- 556 968
Former Soviet Union	176 827	-1 981 752	x	x	x	x	x	x	x
Former Yugoslavia	-	56 998	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**169 272**	**-1 732 226**	**-3 209 658**	**-4 688 151**	**-5 728 475**	**-5 919 065**	**-8 282 814**	**-7 970 206**	**-8 382 389**
Algeria	- 97 187	- 262 933	-1 241 216	-2 466 173	-2 562 642	-2 263 145	-1 875 080	-1 765 448	-1 735 400
Angola	-	-	-	-	-	-	- 19 760	- 16 340	-
Benin	-	-	-	-	-	-	-	-	-
Botswana	..	..	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Congo	-	-	-	-	-	-	-	-	-
Côte d'Ivoire	-	-	-	-	-	-	-	-	-
Dem. Rep. of the Congo	-	-	-	-	-	914	-	80	76
Egypt	-	-	-	-	- 588 222	- 493 038	- 240 624	- 245 918	119 586
Eritrea	..	..	..	-	-	-	-	-	-
Ethiopia	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Ghana	-	-	-	-	-	16 476	12 210	23 782	23 788
Kenya	-	-	-	-	-	-	-	-	-
Libya	- 119 789	- 73 720	- 47 120	- 30 400	- 207 860	- 370 500	- 216 600	- 247 380	- 269 952
Mauritius	-	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	15 849	24 416	44 289	42 883	42 899
Mozambique	-	-	-	-	- 86 056	- 121 627	- 142 687	- 143 040	- 143 042
Namibia	..	..	..	-	-	-	-	-	-
Niger	..	..	..	-	-	-	-	-	-
Nigeria	-	-	-	- 205 580	- 500 627	- 825 957	- 830 300	- 938 980	- 957 752
Senegal	-	-	-	-	-	-	-	-	-
South Africa	-	-	-	-	45 383	121 586	142 687	138 651	138 662
South Sudan	..	..	..	..	..	..	-	-	-
Sudan[1]	-	-	-	-	-	-	-	-	-
Tanzania	-	-	-	-	-	-	-	-	-
Togo	-	-	-	-	-	-	-	-	-
Tunisia	-	-	42 020	39 416	51 098	93 412	114 998	125 217	128 726
Zambia	-	-	-	-	-	-	-	-	-
Zimbabwe	-	-	-	-	-	-	-	-	-
Other Africa	-	-	-	-	67	- 195 993	- 192 558	- 173 173	- 173 166
Africa	**- 216 976**	**- 336 653**	**-1 246 316**	**-2 662 737**	**-3 833 010**	**-4 013 456**	**-3 203 425**	**-3 199 666**	**-2 825 575**

A negative number shows net exports.

1. Please refer to section 'Geographical coverage'.

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Net imports of natural gas

Unit: TJ-gross	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	-	-	-	-	-	-	-	-	-
Brunei Darussalam	- 59 070	- 361 230	- 291 208	- 354 893	- 379 666	- 353 186	- 359 143	- 324 848	- 332 319
Cambodia	..	..	..	-	-	-	-	-	-
DPR of Korea	-	-	-	-	-	-	-	-	-
India	-	-	-	-	273 167	532 062	718 562	732 278	736 672
Indonesia	-	- 466 002	-1 224 311	-1 609 557	-1 688 995	-1 673 978	-1 406 382	-1 353 053	-1 334 563
Malaysia	-	- 372	- 404 073	- 829 498	-1 093 234	- 921 747	- 932 161	- 952 404	- 994 491
Mongolia	..	..	-	-	-	-	-	-	-
Myanmar	-	-	-	- 185 118	- 372 720	- 413 433	- 398 390	- 496 360	- 590 174
Nepal	-	-	-	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-	-	-	-
Philippines	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	52 071	259 167	335 618	413 405	431 961	433 808
Sri Lanka	-	-	-	-	-	-	-	-	-
Chinese Taipei	-	-	35 465	240 473	388 504	602 086	633 001	666 548	716 529
Thailand	-	-	-	80 431	345 451	383 186	440 315	411 810	529 198
Viet Nam	-	-	-	-	- 60 290	-	-	-	-
Other Asia	- 95 365	- 98 489	-	-	-	- 219 699	- 259 270	- 276 034	- 276 032
Asia excluding China	- 154 435	- 926 093	-1 884 127	-2 606 091	-2 328 616	-1 729 091	-1 150 063	-1 160 102	-1 111 372
People's Republic of China	-	-	-	- 93 348	- 115 586	428 810	1 831 545	2 082 415	2 158 856
Hong Kong, China	-	-	-	114 048	101 815	145 689	100 658	96 755	96 748
China	**-**	**-**	**-**	**20 700**	**- 13 771**	**574 499**	**1 932 203**	**2 179 170**	**2 255 604**
Argentina	67 511	87 711	84 691	- 180 774	- 191 065	121 644	443 639	451 076	428 502
Bolivia	- 74 624	- 88 206	- 99 125	- 78 134	- 385 592	- 455 388	- 666 515	- 696 662	- 706 411
Brazil	-	-	-	85 683	348 682	490 116	657 311	748 687	713 317
Colombia	-	-	-	-	-	- 55 617	- 64 217	- 65 066	- 65 079
Costa Rica	-	-	-	-	-	-	-	-	-
Cuba	-	-	-	-	-	-	-	-	-
Curaçao[1]	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-	9 002	30 213	40 605	39 835	41 800
Ecuador	-	-	-	-	-	-	-	-	-
El Salvador	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
Haiti	-	-	-	-	-	-	-	-	-
Honduras	-	-	-	-	-	-	-	-	-
Jamaica	-	-	-	-	-	-	-	-	-
Nicaragua	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-	-	-	-	-
Paraguay	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	- 99 066	- 279 742	- 239 000	- 215 087
Suriname	..	..	..	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	- 168 678	- 548 742	- 813 058	- 769 610	- 756 857	- 722 048
Uruguay	-	-	-	1 420	4 144	2 996	2 270	2 093	2 090
Venezuela	-	-	-	-	-	77 946	75 086	33 968	16 117
Other Non-OECD Americas	-	-	-	13 259	26 518	30 003	29 329	29 967	29 982
Non-OECD Americas	**- 7 113**	**- 495**	**- 14 434**	**- 327 224**	**- 737 053**	**- 670 211**	**- 531 844**	**- 451 959**	**- 476 817**
Bahrain	-	-	-	-	-	-	-	-	-
Islamic Republic of Iran	- 317 807	-	- 76 111	129 351	17 331	19 965	- 153 848	- 85 403	- 24 322
Iraq	-	-	- 76 000	-	-	-	-	-	-
Jordan	-	-	-	-	56 066	100 125	36 992	9 451	17 391
Kuwait	-	-	76 000	-	-	105 640	82 840	131 480	149 378
Lebanon	-	-	-	-	-	9 867	-	-	-
Oman	-	-	-	- 170 635	- 487 525	- 412 167	- 389 646	- 346 284	- 336 991
Qatar	-	-	-	- 572 865	-1 213 816	-3 924 598	-4 925 007	-4 633 231	-4 776 856
Saudi Arabia	-	-	-	-	-	-	-	-	-
Syrian Arab Republic	-	-	-	-	-	26 013	-	-	-
United Arab Emirates	-	- 101 400	- 124 800	- 271 050	- 225 260	363 539	486 078	454 672	499 483
Yemen	-	-	-	-	-	- 212 118	- 373 229	- 347 171	- 70 837
Middle East	**- 317 807**	**- 101 400**	**- 200 911**	**- 885 199**	**-1 853 204**	**-3 923 734**	**-5 235 820**	**-4 816 486**	**-4 542 754**

A negative number shows net exports.
1. Please refer to section 'Geographical coverage'.

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Net imports of electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World[1]	**- 1 917**	**7 886**	**2 349**	**10 080**	**- 2 844**	**5 177**	**28 341**	**27 708**	**..**
Non-OECD Total	**- 8 166**	**- 7 684**	**- 12 629**	**9 505**	**- 18 486**	**- 6 463**	**18 490**	**23 114**	**..**
OECD Total[2]	**6 249**	**15 570**	**14 978**	**575**	**15 642**	**11 640**	**9 851**	**4 594**	**- 1 367**
Canada	- 14 037	- 27 244	- 349	- 35 641	- 23 652	- 25 018	- 51 884	- 45 613	- 59 699
Chile	3	-	-	1 190	2 152	958	-	-	-
Mexico	317	618	- 1 369	874	- 1 672	- 951	- 30	- 529	- 6 717
United States	14 278	26 720	1 980	33 914	24 724	25 976	59 002	53 213	66 458
OECD Americas	**561**	**94**	**262**	**337**	**1 552**	**965**	**7 088**	**7 071**	**42**
Australia	-	-	-	-	-	-	-	-	-
Israel	- 57	- 165	- 456	- 1 457	- 1 667	- 3 966	- 4 675	- 4 844	- 4 844
Japan	-	-	-	-	-	-	-	-	-
Korea	-	-	-	-	-	-	-	-	-
New Zealand	-	-	-	-	-	-	-	-	-
OECD Asia Oceania	**- 57**	**- 165**	**- 456**	**- 1 457**	**- 1 667**	**- 3 966**	**- 4 675**	**- 4 844**	**- 4 844**
Austria	- 1 547	- 3 972	- 459	- 1 368	2 665	2 331	7 271	9 275	10 057
Belgium	- 755	- 2 635	- 3 724	4 326	6 304	551	9 640	17 603	20 999
Czech Republic	- 2 209	- 1 508	- 692	- 10 017	- 12 634	- 14 948	- 16 887	- 16 300	- 12 515
Denmark	- 224	- 1 232	7 048	665	1 369	- 1 135	1 082	2 855	5 912
Estonia	..	..	- 7 002	- 929	- 1 608	- 3 254	- 3 588	- 2 754	- 925
Finland	4 319	1 211	10 643	11 880	17 015	10 501	15 715	17 967	16 337
France	- 2 889	3 245	- 45 438	- 69 479	- 60 328	- 30 713	- 48 461	- 67 190	- 64 048
Germany	11 562	7 147	930	3 057	- 4 566	- 14 955	- 32 193	- 33 885	- 48 282
Greece	45	616	711	- 11	3 780	5 706	1 887	8 819	9 609
Hungary	4 662	7 386	11 147	3 440	6 227	5 195	11 877	13 390	13 687
Iceland	-	-	-	-	-	-	-	-	-
Ireland	45	-	-	98	2 044	470	2 242	2 149	673
Italy	879	6 083	34 655	44 347	49 155	44 160	42 138	43 716	46 381
Luxembourg	2 036	2 842	3 932	5 708	3 261	4 064	4 945	4 894	5 600
Netherlands	- 1 345	- 307	9 208	18 915	18 293	2 775	18 237	14 727	8 749
Norway	- 5 193	- 462	- 15 907	- 19 055	- 12 042	7 549	- 5 006	- 15 585	- 14 644
Poland	- 1 754	- 235	- 1 041	- 6 373	- 11 186	- 1 354	- 4 521	2 166	- 334
Portugal	- 10	1 828	37	931	6 824	2 623	2 776	903	2 266
Slovak Republic	2 840	3 318	5 196	- 2 696	- 3 265	1 041	91	1 102	2 348
Slovenia	..	..	- 988	- 1 321	- 325	- 2 120	- 1 290	- 2 743	- 48
Spain	- 2 016	- 1 382	- 420	4 441	- 1 343	- 8 333	- 6 751	- 3 406	- 133
Sweden	734	535	- 1 768	4 678	- 7 392	2 078	- 10 002	- 15 623	- 22 603
Switzerland	- 3 498	- 8 181	- 2 108	- 7 070	6 350	520	- 2 396	- 5 491	- 1 035
Turkey	-	1 341	- 731	3 354	- 1 162	- 774	6 202	5 257	4 446
United Kingdom	63	3	11 943	14 174	8 321	2 663	14 430	20 521	20 938
OECD Europe[2]	**5 745**	**15 641**	**15 172**	**1 695**	**15 757**	**14 641**	**7 438**	**2 367**	**3 435**
IEA[2]	*5 986*	*15 117*	*17 791*	*1 289*	*17 154*	*17 719*	*15 846*	*12 710*	*10 242*
European Union - 28	..	..	*45 486*	*23 021*	*15 718*	*7 457*	*12 611*	*15 498*	..
G7	*9 856*	*15 954*	*3 721*	*- 9 628*	*- 6 346*	*2 113*	*- 16 968*	*- 29 238*	..
G8	..	..	*- 4 591*	*- 23 683*	*- 18 727*	*- 15 334*	*- 30 644*	*- 37 286*	..
G20	..	..	*64 218*	*71 358*	*44 026*	*30 489*	*59 530*	*63 424*	..
OPEC	*- 1*	*- 85*	*- 98*	*- 818*	*1 820*	*2 464*	*5 689*	*7 134*	..

A negative number shows net exports.
1. World shows the discrepancy between total exports and total imports.
2. Please refer to section 'Geographical coverage'.

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Net imports of electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**- 8 166**	**- 7 684**	**- 12 629**	**9 505**	**- 18 486**	**- 6 463**	**18 490**	**23 114**	**..**
Albania	- 267	- 500	206	1 002	371	- 949	2 323	3 067	..
Armenia	..	..	920	- 463	- 780	- 794	- 1 165	- 1 108	..
Azerbaijan	..	..	- 1 604	494	1 202	- 362	- 368	- 365	..
Belarus	..	..	9 429	7 211	4 036	2 700	6 370	3 318	..
Bosnia and Herzegovina	..	..	-	- 1 064	- 1 377	- 3 829	- 3 695	- 2 836	..
Bulgaria	3 256	3 832	3 790	- 4 620	- 7 581	- 8 446	- 6 181	- 9 455	..
Croatia	..	..	6 693	3 421	4 409	3 968	3 869	3 953	..
Cyprus[1]	-	-	-	-	-	-	-	-	..
FYR of Macedonia	..	..	84	112	1 599	1 420	2 429	2 960	..
Georgia	..	..	3 203	244	1 346	- 1 260	34	249	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	17 338	3 017	- 130	1 157	- 849	- 1 168	..
Kosovo	..	..	..	371	265	466	- 342	491	..
Kyrgyzstan	..	..	- 4 407	- 2 832	- 2 661	- 1 712	- 377	214	..
Latvia	..	..	3 584	1 786	2 148	873	1 355	2 317	..
Lithuania	..	..	- 11 975	- 1 336	- 2 966	5 990	6 946	7 623	..
Malta	-	-	-	-	-	-	-	-	..
Moldova	..	..	- 3 042	1 785	3 141	1 464	1 456	731	..
Montenegro	..	..	..	..	1 790	2	- 345	251	..
Romania	- 3 548	423	9 476	- 696	- 2 903	- 2 274	- 2 016	- 7 126	..
Russian Federation	..	..	- 8 312	- 14 055	- 12 381	- 17 447	- 13 676	- 8 048	..
Serbia	..	..	- 2 015	3 010	- 1 943	- 297	- 2 537	1 563	..
Tajikistan	..	..	1 200	1 333	250	146	- 944	- 1 293	..
Turkmenistan	..	..	- 4 960	- 800	- 1 290	- 2 410	- 2 850	- 3 210	..
Ukraine	..	..	- 28 471	- 3 849	- 8 353	- 4 055	- 9 890	- 8 434	..
Uzbekistan	..	..	- 2 157	1 281	84	88	92	94	..
Former Soviet Union	- 9 700	- 19 100	x	x	x	x	x	x	x
Former Yugoslavia	- 49	- 409	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**- 10 308**	**- 15 754**	**- 11 020**	**- 4 648**	**- 21 724**	**- 25 561**	**- 20 361**	**- 16 212**	**..**
Algeria	- 1	3	- 98	- 96	84	- 67	- 89	- 191	..
Angola	-	-	-	-	-	-	-	-	..
Benin	50	114	196	374	595	935	1 033	1 101	..
Botswana	..	..	84	968	1 898	2 985	2 819	1 684	..
Cameroon	-	-	-	-	-	-	-	-	..
Congo	1	7	14	262	418	281	37	- 4	..
Côte d'Ivoire	-	-	294	- 1 238	- 1 398	- 346	- 820	- 877	..
Dem. Rep. of the Congo	- 26	- 97	- 4	- 1 273	- 1 664	- 755	578	1 069	..
Egypt	-	-	-	- 147	- 778	- 1 443	- 381	- 389	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	-	-	-	-	-	-	- 954	- 1 052	..
Gabon	-	-	-	-	-	-	184	388	..
Ghana	- 100	- 440	- 761	472	176	- 930	- 95	- 471	..
Kenya	303	315	181	198	- 9	-	48	41	..
Libya	-	-	-	-	47	- 82	63	88	..
Mauritius	-	-	-	-	-	-	-	-	..
Morocco	-	-	103	2 328	814	3 940	5 400	6 010	..
Mozambique	153	151	166	- 6 492	- 2 413	- 3 542	- 719	- 2 543	..
Namibia	..	..	..	685	1 672	2 385	2 818	2 802	..
Niger	..	..	..	204	338	549	599	727	..
Nigeria	-	- 88	-	-	-	-	-	-	..
Senegal	-	-	-	-	-	-	-	-	..
South Africa	- 194	9 102	- 1 263	12 333	- 2 343	- 2 475	- 4 501	- 2 659	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	-	-	-	-	-	-	-	-	..
Tanzania	-	-	-	55	50	57	59	59	..
Togo	39	136	218	377	511	706	1 008	1 065	..
Tunisia	-	-	- 4	1	- 3	19	- 56	- 89	..
Zambia	2 029	- 2 587	- 1 631	- 1 326	- 243	- 565	- 1 010	- 1 243	..
Zimbabwe	93	2 881	332	5 095	2 977	731	526	- 99	..
Other Africa	- 251	- 116	227	541	1 179	1 730	1 872	1 952	..
Africa	**2 096**	**9 381**	**- 1 946**	**13 321**	**1 908**	**4 113**	**8 419**	**7 369**	**..**

A negative number shows net exports.

1. Please refer to section 'Geographical coverage'.

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Net imports of electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	-	-	-	-	-	-	-	-	..
Brunei Darussalam	-	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	29	1 357	2 050	1 803	..
DPR of Korea	-	-	-	-	-	-	-	-	..
India	- 11	- 37	1 376	1 302	1 554	5 548	5 598	5 008	..
Indonesia	-	-	-	-	-	2	3	9	..
Malaysia	-	81	- 58	1	- 2 231	- 151	188	11	..
Mongolia	..	..	228	156	164	241	1 178	1 316	..
Myanmar	-	-	-	-	-	-	-	-	..
Nepal	-	15	- 47	101	169	663	1 316	1 367	..
Pakistan	-	-	-	-	146	269	419	428	..
Philippines	-	-	-	-	-	-	-	-	..
Singapore	-	- 92	-	-	-	-	-	-	..
Sri Lanka	-	-	-	-	-	-	-	-	..
Chinese Taipei	-	-	-	-	-	-	-	-	..
Thailand	156	758	621	2 773	3 777	5 672	11 290	10 666	..
Viet Nam	-	-	-	-	383	4 635	2 326	2 621	..
Other Asia	- 158	- 458	- 1 873	- 3 881	- 3 601	- 1 615	2 463	2 612	..
Asia excluding China	- 13	267	247	452	390	16 621	26 831	25 841	..
People's Republic of China	-	-	1 840	- 8 332	- 6 183	- 13 514	- 11 231	- 11 408	..
Hong Kong, China	-	- 308	- 1 799	9 023	6 504	8 438	9 059	9 063	..
China	**-**	**- 308**	**41**	**691**	**321**	**- 5 076**	**- 2 172**	**- 2 345**	**..**
Argentina	50	22	821	1 227	3 877	8 598	8 043	9 858	..
Bolivia	-	-	9	16	-	-	-	-	..
Brazil	- 17	- 212	26 538	44 338	39 042	34 649	40 334	33 775	..
Colombia	-	-	200	40	- 1 742	- 788	- 1 348	- 802	..
Costa Rica	-	-	163	- 475	11	29	47	204	..
Cuba	-	-	-	-	-	-	-	-	..
Curaçao[1]	-	-	-	-	-	-	-	-	..
Dominican Republic	-	-	-	-	-	-	-	-	..
Ecuador	-	-	-	-	1 707	863	633	790	..
El Salvador	-	-	2	696	284	85	192	381	..
Guatemala	-	-	- 2	- 704	- 312	223	- 356	- 508	..
Haiti	-	-	-	-	-	-	-	-	..
Honduras	-	4	- 334	276	55	9	112	322	..
Jamaica	-	-	-	-	-	-	-	-	..
Nicaragua	-	- 9	66	113	17	- 33	36	- 27	..
Panama	19	2	90	117	- 51	32	4	94	..
Paraguay	- 77	46	- 24 972	- 47 358	- 43 792	- 43 378	- 47 365	- 41 400	..
Peru	-	-	-	-	-	- 112	-	- 13	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	-	-	-	-	-	-	-	-	..
Uruguay	27	- 1 123	- 2 538	561	760	- 324	- 207	- 1 267	..
Venezuela	-	-	-	- 45	- 584	-	715	-	..
Other Non-OECD Americas	-	-	6	127	254	160	234	235	..
Non-OECD Americas	**2**	**- 1 270**	**49**	**- 1 071**	**- 474**	**13**	**1 074**	**1 642**	**..**
Bahrain	-	-	-	-	-	173	17	3	..
Islamic Republic of Iran	-	-	-	- 677	- 675	- 3 692	- 7 879	- 5 888	..
Iraq	-	-	-	-	1 241	5 442	12 202	12 251	..
Jordan	57	-	-	40	737	612	322	371	..
Kuwait	-	-	-	-	-	-	-	-	..
Lebanon	-	67	-	1 397	455	1 245	522	136	..
Oman	-	-	-	-	-	-	-	-	..
Qatar	-	-	-	-	-	-	-	-	..
Saudi Arabia	-	-	-	-	-	-	-	-	..
Syrian Arab Republic	-	- 67	-	-	- 665	- 353	- 529	- 138	..
United Arab Emirates	-	-	-	-	-	-	44	84	..
Yemen	-	-	-	-	-	-	-	-	..
Middle East	**57**	**-**	**-**	**760**	**1 093**	**3 427**	**4 699**	**6 819**	**..**

A negative number shows net exports.
1. Please refer to section 'Geographical coverage'.

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Final consumption of coking coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	..	**2 696**	**56 538**	**23 553**	**38 384**	**70 763**	**71 200**	**82 977**	..
Non-OECD Total	..	**1 845**	**54 081**	**20 234**	**34 903**	**64 534**	**67 283**	**80 126**	..
OECD Total[1]	..	**851**	**2 457**	**3 319**	**3 481**	**6 229**	**3 917**	**2 851**	**-**
Canada	..	-	300	300	300	300	300	300	..
Chile	..	-	-	-	-	-	-	-	..
Mexico	..	-	-	-	1 973	3 759	1 601	384	..
United States[2]	..	-	-	-	-	-	-	-	..
OECD Americas	..	**-**	**300**	**300**	**2 273**	**4 059**	**1 901**	**684**	**-**
Australia	..	-	-	-	-	-	-	-	..
Israel	..	-	-	-	-	-	-	-	..
Japan	..	24	1	2	2	2	3	3	..
Korea	..	-	-	-	-	147	984	1 455	..
New Zealand	..	-	-	-	-	90	12	7	..
OECD Asia Oceania	..	**24**	**1**	**2**	**2**	**239**	**999**	**1 465**	**-**
Austria	..	-	-	-	-	-	-	-	..
Belgium	..	5	-	-	-	-	306	261	..
Czech Republic	..	-	1 404	41	-	-	-	-	..
Denmark	..	7	-	-	-	-	-	-	..
Estonia	..	..	-	-	-	-	-	-	..
Finland	..	-	-	-	-	-	-	-	..
France	..	-	-	-	-	-	-	-	..
Germany	..	-	-	-	-	-	-	-	..
Greece	..	-	-	-	-	-	-	-	..
Hungary	..	277	12	-	-	-	-	-	..
Iceland	..	-	-	-	-	-	-	-	..
Ireland	..	-	14	-	-	-	-	-	..
Italy	..	-	-	225	221	176	175	125	..
Luxembourg	..	-	-	-	-	-	-	-	..
Netherlands	..	-	61	101	87	3	64	83	..
Norway	..	-	-	-	-	-	-	-	..
Poland	..	-	-	18	-	11	3	3	..
Portugal	..	64	-	-	-	-	-	-	..
Slovak Republic	..	7	41	39	11	-	32	24	..
Slovenia	..	..	1	-	-	-	-	-	..
Spain	..	-	-	-	-	-	-	-	..
Sweden	..	-	-	-	-	-	-	-	..
Switzerland	..	-	-	-	-	-	-	-	..
Turkey	..	467	474	2 568	768	1 617	316	66	..
United Kingdom	..	-	149	25	119	124	121	140	..
OECD Europe[1]	..	**827**	**2 156**	**3 017**	**1 206**	**1 931**	**1 017**	**702**	**-**
IEA[1]	..	*851*	*2 456*	*3 319*	*1 508*	*2 470*	*2 316*	*2 467*	..
European Union - 28	..	..	*1 682*	*450*	*742*	*370*	*761*	*659*	..
G7	..	*24*	*450*	*552*	*642*	*602*	*599*	*568*	..
G8	..	..	*450*	*552*	*642*	*602*	*599*	*568*	..
G20	..	..	*26 324*	*20 332*	*34 769*	*64 931*	*64 871*	*79 558*	..
OPEC	..	-	-	-	-	-	-	-	..

2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.
2. For the United States, coal used by autoproducers of electricity and heat has been included in final consumption prior to 1989.

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Final consumption of coking coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**1 845**	**54 081**	**20 234**	**34 903**	**64 534**	**67 283**	**80 126**	**..**
Albania	..	-	-	-	-	-	-	-	..
Armenia	..	..	-	-	-	-	-	-	..
Azerbaijan	..	..	-	-	-	-	-	-	..
Belarus	..	..	-	-	-	-	-	-	..
Bosnia and Herzegovina	..	..	-	-	-	39	63	74	..
Bulgaria	..	-	-	-	-	-	-	-	..
Croatia	..	..	-	-	-	-	-	-	..
Cyprus[1]	..	-	-	-	-	-	-	-	..
FYR of Macedonia	..	..	116	67	-	-	-	-	..
Georgia	..	..	686	-	-	-	-	-	..
Gibraltar	..	-	-	-	-	-	-	-	..
Kazakhstan	..	..	29 381	3 134	3 604	5 042	5 368	2 454	..
Kosovo	..	..	..	-	-	-	-	-	..
Kyrgyzstan	..	..	-	-	-	-	-	-	..
Latvia	..	..	-	-	-	-	-	-	..
Lithuania	..	..	-	-	-	-	-	2	..
Malta	..	-	-	-	-	-	-	-	..
Moldova	..	..	-	-	-	-	-	-	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	..	-	-	1	304	56	60	21	..
Russian Federation	..	..	-	-	-	-	-	-	..
Serbia	..	..	-	-	-	-	-	-	..
Tajikistan	..	..	-	2	-	-	-	-	..
Turkmenistan	..	..	-	-	-	-	-	-	..
Ukraine	..	..	-	-	-	-	10	-	..
Uzbekistan	..	..	-	-	-	-	-	-	..
Former Soviet Union	..	-	x	x	x	x	x	x	x
Former Yugoslavia	..	-	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**-**	**30 183**	**3 204**	**3 908**	**5 137**	**5 501**	**2 551**	**..**
Algeria	..	-	-	-	-	-	-	-	..
Angola	..	-	-	-	-	-	-	-	..
Benin	..	-	-	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	..	-	-	-	-	-	-	-	..
Congo	..	-	-	-	-	-	-	-	..
Côte d'Ivoire	..	-	-	-	-	-	-	-	..
Dem. Rep. of the Congo	..	-	-	-	-	-	-	-	..
Egypt	..	-	-	-	-	-	-	-	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	..	-	-	-	-	-	-	-	..
Gabon	..	-	-	-	-	-	-	-	..
Ghana	..	-	-	-	-	-	-	-	..
Kenya	..	-	-	-	-	-	-	-	..
Libya	..	-	-	-	-	-	-	-	..
Mauritius	..	-	-	-	-	-	-	-	..
Morocco	..	-	-	-	-	-	-	-	..
Mozambique	..	-	-	-	-	-	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	..	-	-	-	-	-	-	-	..
Senegal	..	-	-	-	-	-	-	-	..
South Africa	..	-	-	-	-	-	-	-	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	..	-	-	-	-	-	-	-	..
Tanzania	..	-	-	-	-	-	-	-	..
Togo	..	-	-	-	-	-	-	-	..
Tunisia	..	-	-	-	-	-	-	-	..
Zambia	..	-	-	-	-	-	-	-	..
Zimbabwe	..	50	31	18	11	-	-	-	..
Other Africa	..	-	-	-	-	-	-	-	..
Africa	**..**	**50**	**31**	**18**	**11**	**-**	**-**	**-**	**..**

2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Final consumption of coking coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	-	-	-	-	-	-	-	..
Brunei Darussalam	..	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	..	-	-	-	-	-	-	-	..
India	..	1 795	18 162	7 310	4 107	15 147	13 786	21 266	..
Indonesia	..	-	-	140	98	55	644	2 539	..
Malaysia	..	-	-	-	-	-	-	-	..
Mongolia	..	..	-	-	-	-	-	-	..
Myanmar	..	-	-	-	-	-	-	-	..
Nepal	..	-	-	-	-	-	-	-	..
Pakistan	..	-	-	-	-	-	-	-	..
Philippines	..	-	-	-	-	-	-	-	..
Singapore	..	-	-	-	-	-	-	-	..
Sri Lanka	..	-	-	-	-	-	-	-	..
Chinese Taipei	..	-	-	-	-	-	-	-	..
Thailand	..	-	-	-	-	-	-	-	..
Viet Nam	..	-	-	-	-	-	-	-	..
Other Asia	..	-	-	-	-	-	-	-	..
Asia excluding China	..	1 795	18 162	7 450	4 205	15 202	14 430	23 805	..
People's Republic of China	..	-	5 705	9 562	26 779	43 534	46 476	52 886	..
Hong Kong, China	..	-	-	-	-	-	-	-	..
China	**..**	**-**	**5 705**	**9 562**	**26 779**	**43 534**	**46 476**	**52 886**	**..**
Argentina	..	-	-	-	-	-	-	-	..
Bolivia	..	-	-	-	-	-	-	-	..
Brazil	..	-	-	-	-	-	-	-	..
Colombia	..	-	-	-	-	661	876	884	..
Costa Rica	..	-	-	-	-	-	-	-	..
Cuba	..	-	-	-	-	-	-	-	..
Curaçao[1]	..	-	-	-	-	-	-	-	..
Dominican Republic	..	-	-	-	-	-	-	-	..
Ecuador	..	-	-	-	-	-	-	-	..
El Salvador	..	-	-	-	-	-	-	-	..
Guatemala	..	-	-	-	-	-	-	-	..
Haiti	..	-	-	-	-	-	-	-	..
Honduras	..	-	-	-	-	-	-	-	..
Jamaica	..	-	-	-	-	-	-	-	..
Nicaragua	..	-	-	-	-	-	-	-	..
Panama	..	-	-	-	-	-	-	-	..
Paraguay	..	-	-	-	-	-	-	-	..
Peru	..	-	-	-	-	-	-	-	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	..	-	-	-	-	-	-	-	..
Uruguay	..	-	-	-	-	-	-	-	..
Venezuela	..	-	-	-	-	-	-	-	..
Other Non-OECD Americas	..	-	-	-	-	-	-	-	..
Non-OECD Americas	**..**	**-**	**-**	**-**	**-**	**661**	**876**	**884**	**..**
Bahrain	..	-	-	-	-	-	-	-	..
Islamic Republic of Iran	..	-	-	-	-	-	-	-	..
Iraq	..	-	-	-	-	-	-	-	..
Jordan	..	-	-	-	-	-	-	-	..
Kuwait	..	-	-	-	-	-	-	-	..
Lebanon	..	-	-	-	-	-	-	-	..
Oman	..	-	-	-	-	-	-	-	..
Qatar	..	-	-	-	-	-	-	-	..
Saudi Arabia	..	-	-	-	-	-	-	-	..
Syrian Arab Republic	..	-	-	-	-	-	-	-	..
United Arab Emirates	..	-	-	-	-	-	-	-	..
Yemen	..	-	-	-	-	-	-	-	..
Middle East	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**..**

2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Final consumption of other bituminous coal and anthracite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	..	**942 550**	**940 620**	**684 087**	**1 055 269**	**1 336 853**	**1 388 824**	**1 376 414**	..
Non-OECD Total	..	**777 971**	**785 965**	**570 481**	**949 262**	**1 235 539**	**1 296 559**	**1 284 800**	..
OECD Total[1]	..	**164 579**	**154 655**	**113 606**	**106 007**	**101 314**	**92 265**	**91 614**	-
Canada	..	1 601	919	1 242	1 154	1 197	894	1 075	..
Chile	..	520	748	743	667	503	219	336	..
Mexico	..	-	-	-	48	48	115	97	..
United States[2]	..	54 369	59 321	34 227	33 454	28 026	22 538	22 725	..
OECD Americas	..	**56 490**	**60 988**	**36 212**	**35 323**	**29 774**	**23 766**	**24 233**	-
Australia	..	2 130	2 674	2 255	2 016	1 669	1 509	1 480	..
Israel	..	-	18	31	-	-	-	-	..
Japan	..	7 036	15 803	17 070	17 341	16 028	17 270	17 062	..
Korea	..	1 973	4 635	11 017	7 025	7 234	7 331	7 412	..
New Zealand	..	194	279	264	255	178	225	190	..
OECD Asia Oceania	..	**11 333**	**23 409**	**30 637**	**26 637**	**25 109**	**26 335**	**26 144**	-
Austria	..	485	401	392	259	179	174	184	..
Belgium	..	2 369	1 719	1 198	553	690	440	507	..
Czech Republic	..	11 771	4 522	1 670	1 424	478	622	434	..
Denmark	..	573	590	417	368	206	192	194	..
Estonia	..	..	211	77	52	58	56	74	..
Finland	..	870	1 052	356	272	178	114	113	..
France	..	6 029	6 326	3 158	2 912	2 671	2 419	2 267	..
Germany	..	10 170	7 559	2 812	2 311	2 707	2 308	2 419	..
Greece	..	144	1 380	1 115	563	456	300	292	..
Hungary	..	-	-	-	300	93	50	42	..
Iceland	..	12	65	101	117	106	120	100	..
Ireland	..	949	1 379	551	670	500	470	441	..
Italy	..	828	1 742	885	1 080	653	628	805	..
Luxembourg	..	331	197	172	122	102	75	85	..
Netherlands	..	169	555	68	29	37	30	35	..
Norway	..	524	754	966	694	654	639	690	..
Poland	..	41 727	23 079	19 311	17 977	20 506	18 811	17 651	..
Portugal	..	13	804	484	18	75	25	5	..
Slovak Republic	..	1 011	766	729	705	964	751	614	..
Slovenia	..	..	31	11	49	16	4	3	..
Spain	..	1 310	2 762	948	1 107	730	726	590	..
Sweden	..	399	826	496	568	532	560	515	..
Switzerland	..	292	460	173	178	166	137	91	..
Turkey	..	553	2 379	6 825	9 264	10 939	9 699	10 254	..
United Kingdom	..	16 227	10 699	3 842	2 455	2 735	2 814	2 832	..
OECD Europe[1]	..	**96 756**	**70 258**	**46 757**	**44 047**	**46 431**	**42 164**	**41 237**	-
IEA[1]	..	*164 047*	*153 793*	*112 720*	*105 126*	*100 641*	*91 807*	*91 078*	..
European Union - 28	..	..	*69 423*	*39 261*	*34 899*	*35 679*	*32 736*	*31 139*	..
G7	..	*96 260*	*102 369*	*63 236*	*60 707*	*54 017*	*48 871*	*49 185*	..
G8	..	..	*170 662*	*81 387*	*71 561*	*62 096*	*55 621*	*55 298*	..
G20	..	..	*869 294*	*628 287*	*979 609*	*1 230 581*	*1 290 024*	*1 279 450*	..
OPEC	..	*287*	*465*	*340*	*885*	*1 568*	*2 802*	*2 794*	..

1. Please refer to section 'Geographical coverage'.
2. For the United States, coal used by autoproducers of electricity and heat has been included in final consumption prior to 1989.

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Final consumption of other bituminous coal and anthracite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**777 971**	**785 965**	**570 481**	**949 262**	**1 235 539**	**1 296 559**	**1 284 800**	**..**
Albania	..	135	240	-	-	167	102	131	..
Armenia	..	..	552	-	-	1	1	-	..
Azerbaijan	..	..	200	-	-	-	-	-	..
Belarus	..	..	1 591	195	64	48	533	741	..
Bosnia and Herzegovina	..	..	-	-	-	-	-	-	..
Bulgaria	..	2 373	293	329	697	576	467	396	..
Croatia	..	..	148	53	169	168	125	109	..
Cyprus[1]	..	-	97	49	52	26	-	4	..
FYR of Macedonia	..	..	12	-	3	4	6	7	..
Georgia	..	..	142	-	9	8	78	126	..
Gibraltar	..	-	-	-	-	-	-	-	..
Kazakhstan	..	..	1 527	709	6 566	23 351	21 040	14 853	..
Kosovo	..	..	..	9	12	34	21	14	..
Kyrgyzstan	..	..	3 003	186	206	438	571	633	..
Latvia	..	..	407	79	110	146	100	92	..
Lithuania	..	..	1 230	6	-	142	350	302	..
Malta	..	-	-	-	-	-	-	-	..
Moldova	..	..	1 969	120	175	183	235	154	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	..	2 859	648	53	77	55	125	134	..
Russian Federation	..	..	68 293	18 151	10 854	8 079	6 750	6 113	..
Serbia	..	..	137	218	64	144	72	131	..
Tajikistan	..	..	1 044	14	88	179	492	834	..
Turkmenistan	..	..	670	-	-	-	-	-	..
Ukraine	..	..	9 670	5 535	6 706	3 818	6 505	7 730	..
Uzbekistan	..	..	2 740	23	73	65	199	408	..
Former Soviet Union	..	259 626	x	x	x	x	x	x	x
Former Yugoslavia	..	270	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**265 263**	**94 613**	**25 729**	**25 925**	**37 632**	**37 772**	**32 912**	**..**
Algeria	..	-	-	-	-	-	-	-	..
Angola	..	-	-	-	-	-	-	-	..
Benin	..	-	-	-	-	-	-	70	..
Botswana	..	..	186	310	270	61	101	104	..
Cameroon	..	-	-	-	-	-	-	-	..
Congo	..	-	-	-	-	-	-	-	..
Côte d'Ivoire	..	-	-	-	-	-	-	-	..
Dem. Rep. of the Congo	..	167	169	-	-	-	-	-	..
Egypt	..	-	-	-	-	-	-	-	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	..	-	-	-	-	50	291	321	..
Gabon	..	-	-	-	-	-	-	-	..
Ghana	..	-	-	-	-	-	-	-	..
Kenya	..	16	151	107	145	268	339	533	..
Libya	..	-	-	-	-	-	-	-	..
Mauritius	..	-	20	24	23	25	28	31	..
Morocco	..	29	574	801	37	24	34	26	..
Mozambique	..	257	34	-	-	5	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	..	162	58	3	8	38	44	46	..
Senegal	..	-	-	-	152	287	350	367	..
South Africa	..	24 510	21 690	21 744	25 019	20 883	24 704	26 249	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	..	-	-	-	-	-	-	-	..
Tanzania	..	1	3	48	12	-	85	246	..
Togo	..	-	-	-	-	-	-	-	..
Tunisia	..	21	15	-	-	-	-	-	..
Zambia	..	569	346	119	128	1	149	159	..
Zimbabwe	..	1 298	2 056	1 586	604	912	270	293	..
Other Africa	..	304	83	185	137	141	159	165	..
Africa	**..**	**27 334**	**25 385**	**24 927**	**26 535**	**22 695**	**26 554**	**28 610**	**..**

1. Please refer to section 'Geographical coverage'.

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Final consumption of other bituminous coal and anthracite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	235	563	660	845	1 119	1 288	989	..
Brunei Darussalam	..	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	..	24 916	27 033	18 341	20 045	17 467	8 309	9 678	..
India	..	47 736	53 917	48 529	74 942	145 346	166 867	171 970	..
Indonesia	..	128	1 269	167	403	649	298	298	..
Malaysia	..	84	814	1 572	2 132	2 897	2 442	2 711	..
Mongolia	..	..	595	70	427	748	847	634	..
Myanmar	..	205	60	468	266	362	358	529	..
Nepal	..	82	70	430	410	505	556	806	..
Pakistan	..	1 079	2 279	1 961	4 990	6 091	5 124	4 859	..
Philippines	..	-	-	-	-	-	-	-	..
Singapore	..	-	-	-	-	-	203	260	..
Sri Lanka	..	-	8	-	93	95	84	98	..
Chinese Taipei	..	1 993	4 358	5 632	7 120	8 566	10 082	9 270	..
Thailand	..	94	250	3 212	7 597	12 944	10 065	8 987	..
Viet Nam	..	2 697	2 365	5 755	9 149	17 509	18 631	20 362	..
Other Asia	..	657	303	462	480	1 604	1 830	1 941	..
Asia excluding China	..	79 906	93 884	87 259	128 899	215 902	226 984	233 392	..
People's Republic of China	..	403 114	568 846	424 324	757 903	948 622	992 053	975 760	..
Hong Kong, China	..	3	-	-	868	1 522	2 235	2 541	..
China	**..**	**403 117**	**568 846**	**424 324**	**758 771**	**950 144**	**994 288**	**978 301**	**..**
Argentina	..	26	10	53	-	-	-	-	..
Bolivia	..	-	-	-	-	-	-	-	..
Brazil	..	112	115	3 422	4 419	4 660	5 025	5 275	..
Colombia	..	1 937	2 364	3 413	2 558	1 588	1 515	1 529	..
Costa Rica	..	1	-	1	2	1	3	3	..
Cuba	..	95	153	22	22	23	3	3	..
Curaçao[1]	..	-	-	-	-	-	-	-	..
Dominican Republic	..	-	-	-	-	-	-	-	..
Ecuador	..	-	-	-	-	-	-	-	..
El Salvador	..	-	-	-	-	-	-	-	..
Guatemala	..	22	-	-	-	-	-	-	..
Haiti	..	-	12	-	-	-	-	-	..
Honduras	..	-	-	135	241	107	76	75	..
Jamaica	..	-	52	53	59	54	89	84	..
Nicaragua	..	-	-	-	-	-	-	-	..
Panama	..	-	32	60	-	-	-	-	..
Paraguay	..	-	-	-	-	-	-	-	..
Peru	..	26	91	545	753	804	783	905	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	..	-	-	-	-	-	-	-	..
Uruguay	..	4	1	1	1	4	4	3	..
Venezuela	..	42	332	181	51	273	288	270	..
Other Non-OECD Americas	..	1	-	-	-	-	-	-	..
Non-OECD Americas	**..**	**2 266**	**3 162**	**7 886**	**8 106**	**7 514**	**7 786**	**8 147**	**..**
Bahrain	..	-	-	-	-	-	-	-	..
Islamic Republic of Iran	..	83	75	156	590	95	159	148	..
Iraq	..	-	-	-	-	-	-	-	..
Jordan	..	-	-	-	-	-	320	521	..
Kuwait	..	-	-	-	-	-	-	-	..
Lebanon	..	1	-	200	200	225	200	250	..
Oman	..	-	-	-	-	-	-	-	..
Qatar	..	-	-	-	-	-	-	-	..
Saudi Arabia	..	-	-	-	-	-	-	-	..
Syrian Arab Republic	..	1	-	-	-	-	-	-	..
United Arab Emirates	..	-	-	-	236	1 162	2 311	2 330	..
Yemen	..	-	-	-	-	170	185	189	..
Middle East	**..**	**85**	**75**	**356**	**1 026**	**1 652**	**3 175**	**3 438**	**..**

1. Please refer to section 'Geographical coverage'.

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Final consumption of sub-bituminous coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	..	**18 886**	**28 586**	**27 179**	**38 234**	**38 180**	**33 412**	**34 263**	..
Non-OECD Total	..	**10 566**	**15 415**	**17 674**	**26 235**	**26 125**	**19 778**	**21 364**	..
OECD Total[1]	..	**8 320**	**13 171**	**9 505**	**11 999**	**12 055**	**13 634**	**12 899**	-
Canada	..	93	392	546	598	439	326	415	..
Chile	..	-	-	-	-	-	-	-	..
Mexico	..	-	-	-	587	735	3 069	2 385	..
United States[2]	..	3 027	8 201	5 328	6 478	6 907	6 761	6 559	..
OECD Americas	..	**3 120**	**8 593**	**5 874**	**7 663**	**8 081**	**10 156**	**9 359**	-
Australia	..	1 395	2 495	2 676	2 646	2 450	2 184	2 310	..
Israel	..	-	-	-	-	-	-	-	..
Japan	..	-	-	-	-	-	-	-	..
Korea	..	-	-	-	-	-	-	-	..
New Zealand	..	1 119	779	418	530	596	641	698	..
OECD Asia Oceania	..	**2 514**	**3 274**	**3 094**	**3 176**	**3 046**	**2 825**	**3 008**	-
Austria	..	-	-	38	64	69	74	86	..
Belgium	..	1 110	352	83	16	-	-	-	..
Czech Republic	..	-	-	-	-	-	-	-	..
Denmark	..	-	-	-	-	-	-	-	..
Estonia	..	..	-	-	-	-	-	-	..
Finland	..	-	-	-	-	-	-	-	..
France	..	-	-	-	-	-	-	-	..
Germany	..	-	-	-	-	-	-	-	..
Greece	..	-	-	-	-	-	-	-	..
Hungary	..	897	505	321	268	189	104	96	..
Iceland	..	-	-	-	-	-	-	-	..
Ireland	..	-	-	-	-	-	-	-	..
Italy	..	-	-	-	-	-	-	-	..
Luxembourg	..	-	-	-	-	-	-	-	..
Netherlands	..	-	-	-	-	-	-	-	..
Norway	..	-	-	-	-	-	-	-	..
Poland	..	-	-	-	-	-	-	-	..
Portugal	..	16	16	-	-	-	-	-	..
Slovak Republic	..	-	-	-	-	-	-	-	..
Slovenia	..	..	-	73	74	42	37	37	..
Spain	..	105	144	-	-	-	-	-	..
Sweden	..	-	-	-	-	-	-	-	..
Switzerland	..	-	-	-	-	-	-	-	..
Turkey	..	558	287	22	738	628	438	313	..
United Kingdom	..	-	-	-	-	-	-	-	..
OECD Europe[1]	..	**2 686**	**1 304**	**537**	**1 160**	**928**	**653**	**532**	-
IEA[1]	..	*8 320*	*13 171*	*9 432*	*11 338*	*11 278*	*10 528*	*10 477*	..
European Union - 28	..	..	*1 017*	*627*	*911*	*664*	*588*	*612*	..
G7	..	*3 120*	*8 593*	*5 874*	*7 076*	*7 346*	*7 087*	*6 974*	..
G8	..	..	*8 593*	*5 874*	*7 076*	*7 346*	*7 087*	*6 974*	..
G20	..	..	*16 705*	*18 287*	*27 770*	*27 602*	*24 906*	*24 744*	..
OPEC	..	-	-	-	-	-	*56*	*59*	..

2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.
2. For the United States, coal used by autoproducers of electricity and heat has been included in final consumption prior to 1989.

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Final consumption of sub-bituminous coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**10 566**	**15 415**	**17 674**	**26 235**	**26 125**	**19 778**	**21 364**	**..**
Albania	..	-	-	-	-	-	-	-	..
Armenia	..	..	-	-	-	-	-	-	..
Azerbaijan	..	..	-	-	-	-	-	-	..
Belarus	..	..	-	-	-	-	-	-	..
Bosnia and Herzegovina	..	..	-	527	694	297	410	436	..
Bulgaria	..	-	-	-	-	-	-	-	..
Croatia	..	..	-	-	-	28	-	-	..
Cyprus[1]	..	-	-	-	-	-	-	-	..
FYR of Macedonia	..	..	-	-	94	151	165	145	..
Georgia	..	..	-	-	-	-	-	-	..
Gibraltar	..	-	-	-	-	-	-	-	..
Kazakhstan	..	..	-	-	-	-	-	-	..
Kosovo	..	..	..	-	-	-	-	-	..
Kyrgyzstan	..	..	-	-	-	-	-	-	..
Latvia	..	..	-	-	-	-	-	-	..
Lithuania	..	..	-	112	273	150	2	1	..
Malta	..	-	-	-	-	-	-	-	..
Moldova	..	..	-	-	-	-	-	-	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	..	-	-	-	216	186	371	392	..
Russian Federation	..	..	-	-	-	-	-	-	..
Serbia	..	..	-	50	107	-	-	-	..
Tajikistan	..	..	-	13	15	28	34	-	..
Turkmenistan	..	..	-	-	-	-	-	-	..
Ukraine	..	..	-	-	-	-	-	-	..
Uzbekistan	..	..	-	-	-	-	-	-	..
Former Soviet Union	..	-	x	x	x	x	x	x	x
Former Yugoslavia	..	-	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**-**	**-**	**702**	**1 399**	**840**	**982**	**974**	**..**
Algeria	..	-	-	-	-	-	-	-	..
Angola	..	-	-	-	-	-	-	-	..
Benin	..	-	-	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	..	-	-	-	-	-	-	-	..
Congo	..	-	-	-	-	-	-	-	..
Côte d'Ivoire	..	-	-	-	-	-	-	-	..
Dem. Rep. of the Congo	..	-	-	-	-	-	-	-	..
Egypt	..	-	-	-	-	-	-	-	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	..	-	-	-	-	-	-	-	..
Gabon	..	-	-	-	-	-	-	-	..
Ghana	..	-	-	-	-	-	-	-	..
Kenya	..	-	-	-	-	-	-	-	..
Libya	..	-	-	-	-	-	-	-	..
Mauritius	..	-	-	-	-	-	-	-	..
Morocco	..	-	-	-	-	-	-	-	..
Mozambique	..	-	-	-	-	-	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	..	-	-	-	-	-	-	-	..
Senegal	..	-	-	-	-	-	-	-	..
South Africa	..	-	-	-	-	-	-	-	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	..	-	-	-	-	-	-	-	..
Tanzania	..	-	-	-	-	-	-	-	..
Togo	..	-	-	-	-	-	-	-	..
Tunisia	..	-	-	-	-	-	-	-	..
Zambia	..	-	-	-	-	-	-	-	..
Zimbabwe	..	-	-	-	-	-	-	-	..
Other Africa	..	-	-	-	-	-	-	-	..
Africa	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**..**

2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Final consumption of sub-bituminous coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	-	-	-	-	-	-	-	..
Brunei Darussalam	..	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	..	9 428	10 106	6 557	7 022	6 038	3 029	3 391	..
India	..	-	-	-	-	-	-	-	..
Indonesia	..	-	2 651	8 445	15 250	14 573	9 909	10 407	..
Malaysia	..	-	-	-	-	-	-	-	..
Mongolia	..	..	-	-	-	-	-	-	..
Myanmar	..	-	-	-	-	-	-	-	..
Nepal	..	-	-	-	-	-	-	-	..
Pakistan	..	-	-	-	-	-	-	-	..
Philippines	..	195	996	1 327	2 002	3 468	3 946	4 284	..
Singapore	..	-	-	-	-	-	-	-	..
Sri Lanka	..	-	-	-	-	-	-	-	..
Chinese Taipei	..	-	-	-	-	-	-	-	..
Thailand	..	-	-	-	-	-	-	-	..
Viet Nam	..	-	-	-	-	-	225	506	..
Other Asia	..	-	-	-	-	-	-	-	..
Asia excluding China	..	9 623	13 753	16 329	24 274	24 079	17 109	18 588	..
People's Republic of China	..	..	..	..	..	..	..	..	..
Hong Kong, China	..	-	-	-	-	-	-	-	..
China	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**..**
Argentina	..	-	-	-	-	-	-	-	..
Bolivia	..	-	-	-	-	-	-	-	..
Brazil	..	943	1 662	643	562	1 206	1 631	1 743	..
Colombia	..	-	-	-	-	-	-	-	..
Costa Rica	..	-	-	-	-	-	-	-	..
Cuba	..	-	-	-	-	-	-	-	..
Curaçao[1]	..	-	-	-	-	-	-	-	..
Dominican Republic	..	-	-	-	-	-	-	-	..
Ecuador	..	-	-	-	-	-	-	-	..
El Salvador	..	-	-	-	-	-	-	-	..
Guatemala	..	-	-	-	-	-	-	-	..
Haiti	..	-	-	-	-	-	-	-	..
Honduras	..	-	-	-	-	-	-	-	..
Jamaica	..	-	-	-	-	-	-	-	..
Nicaragua	..	-	-	-	-	-	-	-	..
Panama	..	-	-	-	-	-	-	-	..
Paraguay	..	-	-	-	-	-	-	-	..
Peru	..	-	-	-	-	-	-	-	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	..	-	-	-	-	-	-	-	..
Uruguay	..	-	-	-	-	-	-	-	..
Venezuela	..	-	-	-	-	-	-	-	..
Other Non-OECD Americas	..	-	-	-	-	-	-	-	..
Non-OECD Americas	**..**	**943**	**1 662**	**643**	**562**	**1 206**	**1 631**	**1 743**	**..**
Bahrain	..	-	-	-	-	-	-	-	..
Islamic Republic of Iran	..	-	-	-	-	-	-	-	..
Iraq	..	-	-	-	-	-	-	-	..
Jordan	..	-	-	-	-	-	-	-	..
Kuwait	..	-	-	-	-	-	-	-	..
Lebanon	..	-	-	-	-	-	-	-	..
Oman	..	-	-	-	-	-	-	-	..
Qatar	..	-	-	-	-	-	-	-	..
Saudi Arabia	..	-	-	-	-	-	-	-	..
Syrian Arab Republic	..	-	-	-	-	-	-	-	..
United Arab Emirates	..	-	-	-	-	-	56	59	..
Yemen	..	-	-	-	-	-	-	-	..
Middle East	**..**	**-**	**-**	**-**	**-**	**-**	**56**	**59**	**..**

2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Final consumption of lignite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	..	**115 680**	**119 449**	**45 888**	**42 657**	**40 515**	**35 982**	**34 148**	..
Non-OECD Total	..	**25 929**	**40 514**	**19 531**	**23 113**	**19 489**	**19 834**	**19 610**	..
OECD Total[1]	..	**89 751**	**78 935**	**26 357**	**19 544**	**21 026**	**16 148**	**14 538**	**-**
Canada	..	311	528	818	2 094	1 322	802	1 629	..
Chile	..	-	-	-	-	-	-	-	..
Mexico	..	-	-	-	779	720	699	585	..
United States	..	2 928	1 350	1 473	294	296	294	461	..
OECD Americas	..	**3 239**	**1 878**	**2 291**	**3 167**	**2 338**	**1 795**	**2 675**	**-**
Australia	..	311	73	-	2	2	-	14	..
Israel	..	-	-	-	-	-	-	-	..
Japan	..	27	-	-	-	-	-	-	..
Korea	..	-	-	-	-	-	-	-	..
New Zealand	..	192	194	248	263	250	282	301	..
OECD Asia Oceania	..	**530**	**267**	**248**	**265**	**252**	**282**	**315**	**-**
Austria	..	840	365	112	75	35	11	12	..
Belgium	..	95	276	-	-	-	-	-	..
Czech Republic	..	32 261	17 863	8 802	5 180	2 602	2 532	2 150	..
Denmark	..	-	-	-	-	-	-	-	..
Estonia	..	..	-	-	-	-	-	-	..
Finland	..	-	-	-	-	-	-	-	..
France	..	213	307	89	36	52	146	177	..
Germany	..	26 053	28 734	519	452	598	557	568	..
Greece	..	1 289	1 172	464	256	48	94	242	..
Hungary	..	4 885	2 419	460	103	179	378	320	..
Iceland	..	-	-	-	-	-	-	-	..
Ireland	..	-	-	-	-	-	-	-	..
Italy	..	99	33	26	8	6	5	3	..
Luxembourg	..	28	-	-	-	-	-	-	..
Netherlands	..	156	64	30	28	27	24	32	..
Norway	..	-	-	-	-	-	-	-	..
Poland	..	827	211	295	494	891	838	667	..
Portugal	..	-	-	-	-	-	-	-	..
Slovak Republic	..	10 045	8 635	1 162	437	185	112	130	..
Slovenia	..	..	726	11	-	17	29	29	..
Spain	..	-	-	-	-	-	-	-	..
Sweden	..	-	-	-	-	-	-	-	..
Switzerland	..	-	13	6	39	62	58	131	..
Turkey	..	9 191	15 972	11 842	9 004	13 734	9 287	7 087	..
United Kingdom	..	-	-	-	-	-	-	-	..
OECD Europe[1]	..	**85 982**	**76 790**	**23 818**	**16 112**	**18 436**	**14 071**	**11 548**	**-**
IEA[1]	..	*89 751*	*78 209*	*26 346*	*18 765*	*20 289*	*15 420*	*13 924*	..
European Union - 28	..	..	*64 752*	*12 925*	*8 082*	*5 646*	*5 523*	*5 156*	..
G7	..	*29 631*	*30 952*	*2 925*	*2 884*	*2 274*	*1 804*	*2 838*	..
G8	..	..	*34 778*	*6 285*	*4 976*	*4 220*	*3 508*	*4 321*	..
G20	..	..	*89 863*	*33 670*	*27 674*	*29 526*	*23 048*	*22 251*	..
OPEC	..	-	-	-	-	-	-	-	..

2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Final consumption of lignite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**25 929**	**40 514**	**19 531**	**23 113**	**19 489**	**19 834**	**19 610**	**..**
Albania	..	1 203	1 199	47	54	10	3	-	..
Armenia	..	..	-	-	-	-	-	-	..
Azerbaijan	..	..	-	-	-	-	-	-	..
Belarus	..	..	-	-	-	-	-	-	..
Bosnia and Herzegovina	..	..	9 000	480	501	436	308	391	..
Bulgaria	..	4 158	961	240	198	129	124	117	..
Croatia	..	..	716	77	71	49	48	37	..
Cyprus[1]	..	-	-	-	1	1	1	-	..
FYR of Macedonia	..	..	177	31	234	61	166	101	..
Georgia	..	..	93	19	9	46	399	295	..
Gibraltar	..	-	-	-	-	-	-	-	..
Kazakhstan	..	..	3 443	2 430	4 074	3 415	4 125	3 731	..
Kosovo	..	..	..	152	173	292	243	287	..
Kyrgyzstan	..	..	2 140	346	298	510	622	805	..
Latvia	..	..	3	-	-	-	-	-	..
Lithuania	..	..	-	1	3	1	1	-	..
Malta	..	-	-	-	-	-	-	-	..
Moldova	..	..	-	-	-	-	-	-	..
Montenegro	..	..	..	..	56	19	24	33	..
Romania	..	7 749	2 267	637	740	826	623	672	..
Russian Federation	..	..	3 826	3 360	2 092	1 946	1 704	1 483	..
Serbia	..	..	1 204	1 740	1 269	1 237	1 006	1 009	..
Tajikistan	..	..	450	-	-	-	-	56	..
Turkmenistan	..	..	-	-	-	-	-	-	..
Ukraine[2]	..	..	6 345	475	63	-	-	5	..
Uzbekistan	..	..	151	1 051	574	978	1 071	1 087	..
Former Soviet Union	..	-	x	x	x	x	x	x	x
Former Yugoslavia	..	7 270	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**20 380**	**31 975**	**11 086**	**10 410**	**9 956**	**10 468**	**10 109**	**..**
Algeria	..	-	-	-	-	-	-	-	..
Angola	..	-	-	-	-	-	-	-	..
Benin	..	-	-	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	..	-	-	-	-	-	-	-	..
Congo	..	-	-	-	-	-	-	-	..
Côte d'Ivoire	..	-	-	-	-	-	-	-	..
Dem. Rep. of the Congo	..	-	-	-	-	-	-	-	..
Egypt	..	-	-	-	-	-	-	-	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	..	-	-	-	-	-	-	-	..
Gabon	..	-	-	-	-	-	-	-	..
Ghana	..	-	-	-	-	-	-	-	..
Kenya	..	-	-	-	-	-	-	-	..
Libya	..	-	-	-	-	-	-	-	..
Mauritius	..	-	-	-	-	-	-	-	..
Morocco	..	-	-	-	-	-	-	-	..
Mozambique	..	-	-	-	-	-	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	..	-	-	-	-	-	-	-	..
Senegal	..	-	-	-	-	-	-	-	..
South Africa	..	-	-	-	-	-	-	-	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	..	-	-	-	-	-	-	-	..
Tanzania	..	-	-	-	-	-	-	-	..
Togo	..	-	-	-	-	-	-	-	..
Tunisia	..	-	-	-	-	-	-	-	..
Zambia	..	-	-	-	-	-	-	-	..
Zimbabwe	..	-	-	-	-	-	-	-	..
Other Africa	..	-	-	-	-	-	-	-	..
Africa	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**..**

2015 data for consumption will be released in the 2017 edition.

1. Please refer to section 'Geographical coverage'.

2. Peat includes lignite starting from 2007. See confidentiality issue in section 'Country notes and sources'.

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Final consumption of lignite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	-	-	-	-	-	30	-	..
Brunei Darussalam	..	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	..	-	-	-	-	-	-	-	..
India	..	626	2 950	3 162	5 290	5 770	4 711	5 815	..
Indonesia	..	-	-	-	-	-	-	-	..
Malaysia	..	-	-	-	-	-	-	-	..
Mongolia	..	..	1 730	693	419	403	1 072	910	..
Myanmar	..	27	38	112	70	40	42	50	..
Nepal	..	-	-	-	-	-	-	-	..
Pakistan	..	471	824	928	2 010	1 101	1 163	1 168	..
Philippines	..	-	3	3	-	-	-	-	..
Singapore	..	-	-	-	-	-	-	-	..
Sri Lanka	..	-	-	-	-	-	-	-	..
Chinese Taipei	..	-	-	-	-	-	-	-	..
Thailand	..	127	2 582	3 412	4 460	2 037	2 220	1 431	..
Viet Nam	..	-	-	-	322	-	-	-	..
Other Asia	..	4 200	-	45	95	92	100	106	..
Asia excluding China	..	5 451	8 127	8 355	12 666	9 443	9 338	9 480	..
People's Republic of China	..	..	..	..	..	..	..	..	..
Hong Kong, China	..	-	-	-	-	-	-	-	..
China	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**..**
Argentina	..	-	-	-	-	-	-	-	..
Bolivia	..	-	-	-	-	-	-	-	..
Brazil	..	98	412	90	37	90	28	21	..
Colombia	..	-	-	-	-	-	-	-	..
Costa Rica	..	-	-	-	-	-	-	-	..
Cuba	..	-	-	-	-	-	-	-	..
Curaçao[1]	..	-	-	-	-	-	-	-	..
Dominican Republic	..	-	-	-	-	-	-	-	..
Ecuador	..	-	-	-	-	-	-	-	..
El Salvador	..	-	-	-	-	-	-	-	..
Guatemala	..	-	-	-	-	-	-	-	..
Haiti	..	-	-	-	-	-	-	-	..
Honduras	..	-	-	-	-	-	-	-	..
Jamaica	..	-	-	-	-	-	-	-	..
Nicaragua	..	-	-	-	-	-	-	-	..
Panama	..	-	-	-	-	-	-	-	..
Paraguay	..	-	-	-	-	-	-	-	..
Peru	..	-	-	-	-	-	-	-	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	..	-	-	-	-	-	-	-	..
Uruguay	..	-	-	-	-	-	-	-	..
Venezuela	..	-	-	-	-	-	-	-	..
Other Non-OECD Americas	..	-	-	-	-	-	-	-	..
Non-OECD Americas	**..**	**98**	**412**	**90**	**37**	**90**	**28**	**21**	**..**
Bahrain	..	-	-	-	-	-	-	-	..
Islamic Republic of Iran	..	-	-	-	-	-	-	-	..
Iraq	..	-	-	-	-	-	-	-	..
Jordan	..	-	-	-	-	-	-	-	..
Kuwait	..	-	-	-	-	-	-	-	..
Lebanon	..	-	-	-	-	-	-	-	..
Oman	..	-	-	-	-	-	-	-	..
Qatar	..	-	-	-	-	-	-	-	..
Saudi Arabia	..	-	-	-	-	-	-	-	..
Syrian Arab Republic	..	-	-	-	-	-	-	-	..
United Arab Emirates	..	-	-	-	-	-	-	-	..
Yemen	..	-	-	-	-	-	-	-	..
Middle East	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**..**

2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Final consumption of oil

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World[1]	**2 204 818**	**2 389 241**	**2 518 807**	**3 012 671**	**3 335 952**	**3 484 069**	**3 575 219**	**3 639 344**	**..**
Non-OECD Total	**477 405**	**682 455**	**793 300**	**972 714**	**1 176 413**	**1 420 208**	**1 579 049**	**1 635 480**	**..**
OECD Total[2]	**1 542 678**	**1 528 022**	**1 524 337**	**1 768 278**	**1 841 940**	**1 704 808**	**1 643 654**	**1 643 391**	**..**
Canada	73 885	77 708	66 128	77 208	87 271	85 618	87 854	86 454	..
Chile	3 697	3 881	5 275	8 773	9 147	11 636	13 044	13 105	..
Mexico	21 289	38 100	48 380	57 807	64 371	70 928	68 952	69 723	..
United States	664 338	660 153	651 984	753 501	803 664	721 880	696 012	705 448	..
OECD Americas	**763 209**	**779 842**	**771 767**	**897 289**	**964 453**	**890 062**	**865 862**	**874 730**	**..**
Australia	23 418	25 945	27 877	33 336	35 248	37 581	41 256	41 227	..
Israel	2 851	3 362	4 847	7 795	7 397	9 198	7 760	8 166	..
Japan	166 292	151 679	165 426	188 097	178 923	157 831	155 882	150 032	..
Korea	9 678	18 300	42 301	77 040	76 754	78 764	81 487	83 379	..
New Zealand	3 377	3 489	3 878	5 127	5 753	5 705	5 728	5 868	..
OECD Asia Oceania	**205 616**	**202 775**	**244 329**	**311 395**	**304 075**	**289 079**	**292 113**	**288 672**	**..**
Austria	10 017	9 768	8 730	10 202	12 310	10 868	10 547	10 410	..
Belgium	20 087	16 612	15 946	20 755	21 440	20 742	20 073	20 143	..
Czech Republic	7 816	9 241	8 215	7 159	9 117	8 420	7 841	8 304	..
Denmark	13 267	11 285	6 765	6 475	6 624	6 098	5 176	5 044	..
Estonia	..	..	1 842	774	996	964	983	1 005	..
Finland	11 293	9 954	9 168	8 104	8 405	7 968	7 354	6 944	..
France	95 166	86 407	73 765	79 611	78 819	70 303	67 123	65 978	..
Germany	132 335	120 765	108 545	111 243	101 378	92 275	91 713	89 759	..
Greece	6 457	8 060	9 652	12 254	13 980	12 095	8 214	8 356	..
Hungary	6 418	8 894	6 980	5 063	6 392	5 908	5 143	5 760	..
Iceland	536	545	549	598	631	522	531	552	..
Ireland	3 543	3 862	3 708	6 601	7 749	6 669	5 636	5 486	..
Italy	69 812	63 820	60 795	61 371	62 855	53 769	45 758	46 847	..
Luxembourg	1 474	988	1 452	1 963	2 658	2 399	2 373	2 233	..
Netherlands	22 986	23 571	17 378	22 886	26 947	27 128	25 109	24 163	..
Norway	7 342	8 040	7 249	7 387	7 992	8 378	7 918	7 785	..
Poland	8 871	12 873	10 708	17 009	19 217	22 626	20 252	20 388	..
Portugal	4 168	5 734	8 188	12 061	12 197	10 008	7 984	8 128	..
Slovak Republic	3 877	5 080	4 917	2 970	2 950	3 021	2 701	2 637	..
Slovenia	..	..	1 454	2 275	2 485	2 517	2 286	2 262	..
Spain	28 879	36 609	37 850	51 964	57 772	50 043	39 499	37 974	..
Sweden	24 434	20 115	13 689	13 787	12 566	10 898	9 424	9 367	..
Switzerland	13 266	11 863	10 997	10 823	10 946	10 511	9 938	8 906	..
Turkey	9 555	12 652	20 100	25 582	25 617	27 734	31 105	30 419	..
United Kingdom	72 254	58 667	59 599	60 677	61 369	53 803	50 998	51 139	..
OECD Europe[2]	**573 853**	**545 405**	**508 241**	**559 594**	**573 412**	**525 667**	**485 679**	**479 989**	**..**
International marine bunkers	124 586	113 934	118 592	158 724	183 398	213 251	196 522	199 763	..
International aviation bunkers	60 149	64 830	82 578	112 955	134 201	145 802	155 994	160 710	..
IEA[2]	*1 514 305*	*1 482 134*	*1 463 832*	*1 691 030*	*1 757 909*	*1 610 007*	*1 551 081*	*1 549 583*	..
European Union - 28	..	..	*493 331*	*531 710*	*547 609*	*495 551*	*452 873*	*449 553*	..
G7	*1 274 082*	*1 219 199*	*1 186 242*	*1 331 708*	*1 374 279*	*1 235 479*	*1 195 340*	*1 195 657*	..
G8	..	..	*1 328 141*	*1 419 206*	*1 463 136*	*1 340 958*	*1 314 007*	*1 324 987*	..
G20	..	..	*1 927 167*	*2 308 644*	*2 504 816*	*2 550 580*	*2 611 453*	*2 655 746*	..
OPEC	*33 092*	*83 595*	*121 900*	*167 676*	*205 575*	*243 376*	*258 790*	*270 284*	..

2015 data for consumption will be released in the 2017 edition.
1. World includes International marine bunkers and International aviation bunkers.
2. Please refer to section 'Geographical coverage'.

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Final consumption of oil

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**477 405**	**682 455**	**793 300**	**972 714**	**1 176 413**	**1 420 208**	**1 579 049**	**1 635 480**	**..**
Albania	468	1 244	929	921	1 243	1 202	1 215	1 256	..
Armenia	..	..	2 329	287	361	372	317	319	..
Azerbaijan	..	..	3 976	1 877	2 763	2 589	3 576	3 597	..
Belarus	..	..	15 833	5 256	5 529	5 637	5 630	6 524	..
Bosnia and Herzegovina	..	..	1 562	1 055	1 053	1 512	1 198	1 235	..
Bulgaria	9 117	8 184	5 369	3 526	3 983	3 125	2 802	3 097	..
Croatia	..	..	2 910	2 775	3 307	2 955	2 690	2 610	..
Cyprus[1]	474	527	642	1 125	1 171	1 174	947	944	..
FYR of Macedonia	..	..	894	644	731	826	865	855	..
Georgia	..	..	2 875	612	682	934	960	1 021	..
Gibraltar	20	21	39	97	116	130	138	148	..
Kazakhstan	..	..	14 916	6 257	7 696	8 919	13 296	10 168	..
Kosovo	..	..	..	316	436	515	576	546	..
Kyrgyzstan	..	..	2 914	401	460	905	1 577	1 173	..
Latvia	..	..	2 031	1 081	1 340	1 374	1 251	1 277	..
Lithuania	..	..	4 142	1 408	1 735	1 686	1 687	1 792	..
Malta	119	116	182	176	147	239	241	244	..
Moldova	..	..	3 597	367	616	714	725	745	..
Montenegro	..	..	..	..	275	300	259	258	..
Romania	10 451	14 723	8 709	6 415	7 700	6 476	7 068	7 262	..
Russian Federation	..	..	141 899	87 498	88 857	105 479	118 667	129 330	..
Serbia	..	..	4 279	1 154	3 341	3 151	2 972	2 877	..
Tajikistan	..	..	1 697	213	297	510	705	830	..
Turkmenistan	..	..	4 736	3 550	4 688	5 169	5 768	6 030	..
Ukraine	..	..	42 251	10 353	12 610	12 204	11 498	9 827	..
Uzbekistan	..	..	7 248	4 765	3 647	3 337	2 705	2 552	..
Former Soviet Union	202 200	272 200	x	x	x	x	x	x	x
Former Yugoslavia	8 548	10 837	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**231 397**	**307 852**	**275 959**	**142 129**	**154 784**	**171 434**	**189 333**	**196 517**	**..**
Algeria	2 155	4 351	7 524	7 794	9 752	13 573	15 697	17 116	..
Angola	609	634	817	998	1 372	3 669	4 965	5 022	..
Benin	122	120	73	441	830	1 412	1 624	1 731	..
Botswana	..	..	281	540	646	830	875	937	..
Cameroon	240	506	872	905	911	1 105	1 258	1 327	..
Congo	177	201	212	173	269	531	695	718	..
Côte d'Ivoire	644	933	735	920	764	932	1 468	1 582	..
Dem. Rep. of the Congo	537	681	669	271	408	579	1 101	1 472	..
Egypt	5 527	9 836	15 687	19 396	22 231	27 990	23 999	23 118	..
Eritrea	..	..	..	110	110	69	78	79	..
Ethiopia	337	366	628	1 046	1 463	1 893	2 529	2 709	..
Gabon	162	377	192	341	367	598	773	753	..
Ghana	649	696	864	1 467	1 737	2 447	3 333	3 314	..
Kenya	936	1 248	1 559	1 750	1 791	2 705	2 732	3 086	..
Libya	780	2 502	3 392	5 907	6 210	8 725	8 220	7 703	..
Mauritius	84	127	216	387	425	444	485	490	..
Morocco	1 980	3 160	3 468	5 436	7 392	9 506	10 426	10 432	..
Mozambique	322	378	288	409	469	691	815	913	..
Namibia	..	..	..	580	753	939	1 047	1 102	..
Niger	..	..	..	138	162	337	455	482	..
Nigeria	2 232	6 840	6 101	9 179	11 477	11 351	10 896	9 872	..
Senegal	324	447	416	683	761	879	970	1 015	..
South Africa	10 029	10 871	14 527	15 401	18 292	22 222	25 117	24 487	..
South Sudan	..	..	..	..	..	..	321	331	..
Sudan[1]	1 411	1 105	1 622	1 434	2 429	4 475	3 863	3 791	..
Tanzania	480	431	451	702	1 142	1 430	2 219	2 263	..
Togo	75	111	161	272	293	639	526	542	..
Tunisia	932	1 583	2 266	3 235	3 907	3 848	3 735	4 131	..
Zambia	616	594	541	450	592	563	853	883	..
Zimbabwe	636	593	838	934	648	582	1 291	1 167	..
Other Africa	2 794	3 403	3 559	4 089	4 581	5 576	6 737	7 017	..
Africa	**34 790**	**52 094**	**67 959**	**85 388**	**102 184**	**130 540**	**139 103**	**139 585**	**..**

2015 data for consumption will be released in the 2017 edition.

1. Please refer to section 'Geographical coverage'.

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Final consumption of oil

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	586	1 218	1 525	2 652	3 051	3 102	3 506	3 612	..
Brunei Darussalam	61	169	248	345	382	546	602	593	..
Cambodia	..	..	..	519	610	1 243	1 461	1 577	..
DPR of Korea	765	2 342	2 042	633	527	549	599	555	..
India	19 546	25 972	48 725	91 867	103 024	130 286	146 724	153 540	..
Indonesia	7 363	16 648	26 283	46 263	50 181	58 421	61 852	63 208	..
Malaysia	3 153	5 084	8 907	17 783	20 749	23 099	27 167	28 370	..
Mongolia	..	..	685	380	497	731	1 068	1 025	..
Myanmar	938	1 139	574	1 481	1 895	995	2 597	3 967	..
Nepal	57	95	220	625	648	889	1 075	1 186	..
Pakistan	2 770	4 003	7 482	11 875	11 656	11 615	13 045	13 656	..
Philippines	6 524	6 977	8 073	12 905	11 670	11 222	11 975	12 641	..
Singapore	1 081	1 561	3 623	5 481	9 246	10 063	11 049	11 222	..
Sri Lanka	1 012	1 041	1 139	2 396	2 712	2 817	3 111	3 081	..
Chinese Taipei	4 872	11 656	17 895	27 438	33 937	36 817	35 175	35 423	..
Thailand	5 453	7 146	14 573	28 047	38 382	41 612	49 160	48 897	..
Viet Nam	3 654	1 628	2 276	6 369	11 087	16 322	15 077	16 847	..
Other Asia	1 861	1 972	1 928	1 967	2 273	3 573	8 489	8 996	..
Asia excluding China	59 696	88 651	146 198	259 026	302 527	353 902	393 732	408 396	..
People's Republic of China	42 099	57 920	83 453	176 240	269 466	366 230	428 881	445 892	..
Hong Kong, China	1 415	1 789	2 712	5 447	2 707	2 857	2 788	2 795	..
China	**43 514**	**59 709**	**86 165**	**181 687**	**272 173**	**369 087**	**431 669**	**448 687**	**..**
Argentina	16 806	18 451	15 124	21 827	22 154	24 149	24 465	25 862	..
Bolivia	675	1 057	1 052	1 526	1 770	2 482	3 101	3 373	..
Brazil	32 602	48 519	51 926	78 706	77 840	93 028	106 721	108 472	..
Colombia	5 605	6 316	8 442	10 847	10 433	9 801	11 672	12 308	..
Costa Rica	426	648	774	1 481	1 630	1 855	1 966	2 007	..
Cuba	5 248	6 847	7 085	5 195	3 853	5 221	4 336	4 415	..
Curaçao[1]	2 193	1 019	564	776	827	883	607	620	..
Dominican Republic	854	1 048	1 428	2 996	2 961	3 057	2 835	2 545	..
Ecuador	1 009	2 637	4 053	5 094	6 464	7 804	8 835	9 565	..
El Salvador	446	530	667	1 309	1 535	1 437	1 330	1 375	..
Guatemala	635	829	978	1 992	2 393	2 495	2 993	4 110	..
Haiti	113	175	216	390	580	576	479	620	..
Honduras	345	466	675	989	1 349	1 464	1 781	1 497	..
Jamaica	1 922	1 715	1 660	1 352	1 886	1 278	1 446	1 436	..
Nicaragua	412	429	421	689	832	828	910	996	..
Panama	457	571	622	1 129	1 695	1 992	2 260	2 381	..
Paraguay	208	407	617	1 051	1 110	1 513	1 603	1 681	..
Peru	4 191	4 926	4 674	6 342	5 956	7 211	8 289	8 052	..
Suriname	..	..	..	378	302	364	337	367	..
Trinidad and Tobago	477	706	581	689	1 058	1 292	1 314	1 268	..
Uruguay	1 330	1 388	1 039	1 449	1 289	1 579	1 775	1 770	..
Venezuela	6 904	11 494	12 952	16 378	19 671	24 902	23 885	25 162	..
Other Non-OECD Americas	1 978	1 615	2 381	2 414	2 189	2 586	3 015	3 069	..
Non-OECD Americas	**84 836**	**111 793**	**117 931**	**164 999**	**169 777**	**197 797**	**215 955**	**222 951**	**..**
Bahrain	85	245	378	744	1 517	1 615	1 746	1 720	..
Islamic Republic of Iran	13 212	23 442	39 752	55 235	65 161	61 355	59 060	64 525	..
Iraq	2 136	6 067	11 929	14 417	15 521	14 987	19 044	15 423	..
Jordan	431	1 056	1 980	2 889	3 720	3 285	3 338	3 356	..
Kuwait	908	2 617	1 458	3 299	5 220	7 989	7 763	7 840	..
Lebanon	1 400	1 085	876	2 096	2 164	2 143	2 351	2 877	..
Oman	78	475	1 198	2 029	2 826	3 912	5 452	6 028	..
Qatar	112	400	879	1 335	2 709	5 843	6 299	7 486	..
Saudi Arabia	2 791	19 605	26 991	41 114	52 838	72 021	80 817	85 925	..
Syrian Arab Republic	1 327	3 479	6 024	6 475	9 714	8 619	5 019	4 986	..
United Arab Emirates	244	3 006	6 052	6 926	9 180	11 157	13 309	14 645	..
Yemen	448	879	1 571	2 926	4 398	4 522	5 059	4 533	..
Middle East	**23 172**	**62 356**	**99 088**	**139 485**	**174 968**	**197 448**	**209 257**	**219 344**	**..**

2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Final consumption of natural gas

Unit: TJ-gross	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**30 319 552**	**37 900 838**	**43 918 258**	**51 963 674**	**55 366 941**	**62 240 812**	**66 549 865**	**66 076 387**	**..**
Non-OECD Total	**7 123 776**	**11 901 172**	**16 523 160**	**17 336 169**	**22 105 841**	**28 375 901**	**31 634 336**	**31 803 247**	**..**
OECD Total[1]	**23 195 776**	**25 999 666**	**27 395 098**	**34 627 505**	**33 261 100**	**33 864 911**	**34 915 529**	**34 273 140**	**..**
Canada	1 103 917	1 685 597	2 014 933	2 485 397	2 172 429	1 965 202	2 202 544	2 319 577	..
Chile	1 838	4 615	41 909	153 126	163 104	109 519	65 903	58 426	..
Mexico	337 999	597 304	647 172	584 760	537 857	602 071	694 859	638 748	..
United States[2]	17 076 328	15 700 836	14 099 082	16 746 652	14 378 870	14 962 384	15 805 184	16 528 940	..
OECD Americas	**18 520 082**	**17 988 352**	**16 803 096**	**19 969 935**	**17 252 260**	**17 639 176**	**18 768 490**	**19 545 691**	**..**
Australia	98 286	233 895	402 643	529 828	573 599	584 968	613 240	627 541	..
Israel	2 097	6 077	1 316	225	-	2 925	18 161	24 664	..
Japan	144 910	271 685	709 111	1 010 120	1 258 842	1 396 425	1 425 297	1 395 803	..
Korea	-	-	31 324	508 318	743 674	957 679	1 122 996	1 033 554	..
New Zealand	5 375	16 205	83 655	140 130	62 017	82 691	104 895	140 097	..
OECD Asia Oceania	**250 668**	**527 862**	**1 228 049**	**2 188 621**	**2 638 132**	**3 024 688**	**3 284 589**	**3 221 659**	**..**
Austria	67 349	131 686	141 258	198 808	230 531	233 671	226 044	210 960	..
Belgium	214 142	329 375	317 260	472 940	483 737	539 701	492 095	417 372	..
Czech Republic	37 816	54 832	197 426	275 184	287 698	295 450	262 323	229 429	..
Denmark	-	-	52 189	76 841	78 834	80 665	72 784	66 603	..
Estonia	..	..	20 425	12 854	17 700	9 633	14 824	10 413	..
Finland	-	20 061	44 703	42 720	39 633	38 370	33 750	32 215	..
France	478 086	896 577	1 113 041	1 495 483	1 607 523	1 535 062	1 550 339	1 313 528	..
Germany	864 540	1 558 049	1 817 221	2 564 691	2 562 605	2 623 025	2 570 473	2 323 978	..
Greece	-	-	4 496	17 603	33 229	52 821	57 175	55 021	..
Hungary	130 459	214 498	288 422	311 317	374 590	300 491	266 400	256 667	..
Iceland	-	-	-	-	-	-	-	-	..
Ireland	-	16 069	46 431	73 651	63 458	74 089	75 840	75 279	..
Italy	574 911	917 892	1 414 339	1 795 133	1 934 440	1 817 317	1 659 457	1 461 292	..
Luxembourg	8 244	16 630	19 533	28 125	29 338	31 412	27 966	25 454	..
Netherlands	897 617	1 128 402	1 055 302	1 074 241	1 036 197	1 107 138	994 819	832 962	..
Norway	-	-	-	27 589	34 446	35 961	42 604	44 090	..
Poland	205 687	323 973	357 710	379 510	462 146	490 576	503 510	484 232	..
Portugal	-	-	-	36 773	60 814	72 775	72 882	72 000	..
Slovak Republic	65 312	75 881	182 104	193 863	200 636	172 213	157 562	131 641	..
Slovenia	..	..	33 240	31 916	36 795	32 532	25 350	24 308	..
Spain	20 820	33 474	201 194	571 897	843 546	689 303	709 742	687 580	..
Sweden	-	-	15 558	20 623	23 692	30 914	27 459	29 358	..
Switzerland	5 066	32 940	65 145	99 457	114 342	125 282	132 628	118 150	..
Turkey	-	-	33 053	228 457	467 492	611 154	883 111	902 613	..
United Kingdom	854 977	1 733 113	1 943 903	2 439 273	2 347 286	2 201 492	2 003 313	1 700 645	..
OECD Europe[1]	**4 425 026**	**7 483 452**	**9 363 953**	**12 468 949**	**13 370 708**	**13 201 047**	**12 862 450**	**11 505 790**	**..**
IEA[1]	*22 853 842*	*25 391 670*	*26 671 461*	*33 857 478*	*32 523 344*	*33 117 864*	*34 111 256*	*33 526 994*	..
European Union - 28	..	..	*10 499 151*	*12 656 375*	*13 366 616*	*12 955 248*	*12 309 879*	*10 942 816*	..
G7	*21 097 669*	*22 763 749*	*23 111 630*	*28 536 749*	*26 261 995*	*26 500 907*	*27 216 607*	*27 043 763*	..
G8	..	..	*29 769 756*	*33 987 654*	*32 219 054*	*33 163 870*	*33 735 752*	*33 258 977*	..
G20	..	..	*36 911 799*	*43 279 766*	*44 084 748*	*48 277 399*	*51 092 682*	*50 679 179*	..
OPEC	*481 621*	*782 880*	*1 938 244*	*3 677 957*	*5 124 912*	*7 558 996*	*8 452 958*	*8 632 008*	..

2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.
2. For the United States, gas used by autoproducers of electricity and heat has been included in final consumption prior to 1989.

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Final consumption of natural gas

Unit: TJ-gross	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**7 123 776**	**11 901 172**	**16 523 160**	**17 336 169**	**22 105 841**	**28 375 901**	**31 634 336**	**31 803 247**	**..**
Albania	7 413	14 997	9 453	42	-	33	260	318	..
Armenia	..	..	127 813	20 407	43 476	47 531	60 616	54 853	..
Azerbaijan	..	..	431 956	142 932	150 161	142 446	138 621	152 570	..
Belarus	..	..	200 622	149 374	183 781	218 097	225 525	218 720	..
Bosnia and Herzegovina	..	..	16 256	7 227	11 446	6 505	5 187	5 150	..
Bulgaria	7 810	147 966	120 846	79 523	78 045	58 170	63 793	66 067	..
Croatia	..	..	57 545	67 328	75 182	78 740	64 624	62 895	..
Cyprus[1]	-	-	-	-	-	-	-	-	..
FYR of Macedonia	..	..	-	325	1 523	1 913	1 255	1 566	..
Georgia	..	..	120 670	21 555	26 491	28 309	44 326	59 447	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	361 542	124 437	105 082	154 302	128 484	131 362	..
Kosovo	..	..	..	-	-	-	-	-	..
Kyrgyzstan	..	..	28 203	7 588	13 973	5 608	9 206	6 981	..
Latvia	..	..	32 460	15 294	23 628	23 153	15 985	15 196	..
Lithuania	..	..	98 937	42 134	51 112	51 165	61 167	65 130	..
Malta	-	-	-	-	-	-	-	-	..
Moldova	..	..	45 515	22 080	34 530	32 235	24 272	28 940	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	646 572	1 268 228	923 608	338 650	384 221	315 370	300 203	292 591	..
Russian Federation	..	..	6 658 126	5 450 905	5 957 059	6 662 963	6 519 145	6 215 214	..
Serbia	..	..	109 864	53 937	57 587	53 374	46 619	35 663	..
Tajikistan	..	..	34 150	17 846	13 298	6 759	10 982	8 760	..
Turkmenistan	..	..	313 500	231 755	300 337	385 163	479 985	486 007	..
Ukraine	..	..	1 545 929	1 326 485	1 607 403	1 321 374	1 159 909	975 109	..
Uzbekistan	..	..	915 738	1 225 185	1 132 363	992 081	974 904	992 240	..
Former Soviet Union	5 407 165	8 453 643	x	x	x	x	x	x	x
Former Yugoslavia	45 773	98 731	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**6 114 733**	**9 983 565**	**12 152 733**	**9 345 009**	**10 250 698**	**10 585 291**	**10 335 068**	**9 874 779**	**..**
Algeria	12 510	37 485	156 192	246 945	358 318	423 947	536 329	605 496	..
Angola	2 536	3 001	20 520	21 660	24 700	28 120	13 862	10 359	..
Benin	-	-	-	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	-	-	-	-	-	-	-	-	..
Congo	-	-	-	-	-	-	-	-	..
Côte d'Ivoire	-	-	-	22 921	6 662	8 589	11 821	11 848	..
Dem. Rep. of the Congo	-	-	-	-	-	-	-	-	..
Egypt	-	34 836	112 408	183 939	422 572	509 594	557 632	569 901	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	-	-	-	-	-	-	-	-	..
Gabon	-	28	58	56	66	87	93	95	..
Ghana	-	-	-	-	-	-	-	-	..
Kenya	-	-	-	-	-	-	-	-	..
Libya	12 000	47 000	60 000	100 000	96 516	103 012	30 586	6 714	..
Mauritius	-	-	-	-	-	-	-	-	..
Morocco	2 721	2 582	2 014	1 768	1 577	2 089	2 133	3 935	..
Mozambique	-	-	-	8	729	2 941	2 996	3 911	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	1 352	1 808	33 326	45 084	130 897	56 351	154 051	177 959	..
Senegal	-	-	-	-	-	-	-	-	..
South Africa	-	-	-	-	-	38 214	79 350	79 078	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	-	-	-	-	-	-	-	-	..
Tanzania	-	-	-	-	2 544	4 644	6 553	6 768	..
Togo	-	-	-	-	-	-	-	-	..
Tunisia	331	3 571	14 611	28 371	39 180	69 350	67 399	61 529	..
Zambia	-	-	-	-	-	-	-	-	..
Zimbabwe	-	-	-	-	-	-	-	-	..
Other Africa	-	-	-	54	44 074	41 824	37 715	42 832	..
Africa	**31 450**	**130 311**	**399 129**	**650 806**	**1 127 835**	**1 288 762**	**1 500 520**	**1 580 425**	**..**

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1. Please refer to section 'Geographical coverage'.

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Final consumption of natural gas

Unit: TJ-gross	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	15 394	30 480	86 266	166 200	217 291	344 973	365 624	381 435	..
Brunei Darussalam	-	-	-	-	-	22 546	8 913	24 374	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	-	-	-	-	-	-	-	-	..
India	13 618	31 729	262 295	449 802	617 242	1 266 006	1 369 972	1 336 751	..
Indonesia	5 630	109 958	280 266	537 736	634 098	737 926	803 546	792 395	..
Malaysia	419	1 629	50 848	179 712	324 763	290 936	558 946	448 453	..
Mongolia	..	..	-	-	-	-	-	-	..
Myanmar	1 175	3 926	10 447	15 084	19 824	27 735	32 260	32 536	..
Nepal	-	-	-	-	-	-	-	-	..
Pakistan	83 917	140 408	279 628	473 589	723 128	889 901	853 210	846 063	..
Philippines	-	-	-	-	568	3 265	2 947	3 608	..
Singapore	1 084	2 163	2 906	4 889	23 505	51 877	60 354	59 515	..
Sri Lanka	-	-	-	-	-	-	-	-	..
Chinese Taipei	43 741	62 989	40 759	72 169	82 822	98 415	117 613	125 908	..
Thailand	-	-	6 440	51 650	86 380	213 422	331 106	346 173	..
Viet Nam	-	-	-	837	25 001	22 917	67 919	45 724	..
Other Asia	6 842	4 198	11 379	4 550	5 070	6 054	6 296	7 316	..
Asia excluding China	171 820	387 480	1 031 234	1 956 218	2 759 692	3 975 973	4 578 706	4 450 251	..
People's Republic of China	104 873	295 949	412 670	575 797	1 289 094	2 707 341	4 382 097	4 943 941	..
Hong Kong, China	1 277	3 524	15 056	26 057	27 261	27 578	28 556	28 835	..
China	**106 150**	**299 473**	**427 726**	**601 854**	**1 316 355**	**2 734 919**	**4 410 653**	**4 972 776**	**..**
Argentina	171 102	251 541	445 371	725 504	870 435	936 781	1 018 223	1 000 645	..
Bolivia	154	1 736	7 678	16 408	24 693	45 965	63 824	67 826	..
Brazil	10 093	41 392	112 568	225 955	447 351	593 844	596 544	589 069	..
Colombia	9 832	25 252	42 517	75 515	131 594	166 593	184 460	181 057	..
Costa Rica	-	-	-	-	-	-	-	-	..
Cuba	1 608	2 316	2 654	9 136	9 134	17 665	20 290	17 124	..
Curaçao[1]	-	-	-	-	-	-	-	-	..
Dominican Republic	-	-	-	-	-	1 204	4 944	5 021	..
Ecuador	-	-	-	-	-	-	1 366	1 565	..
El Salvador	-	-	-	-	-	-	-	-	..
Guatemala	-	-	-	-	-	-	-	-	..
Haiti	-	-	-	-	-	-	-	-	..
Honduras	-	-	-	-	-	-	-	-	..
Jamaica	-	-	-	-	-	-	-	-	..
Nicaragua	-	-	-	-	-	-	-	-	..
Panama	-	-	-	-	-	-	-	-	..
Paraguay	-	-	-	-	-	-	-	-	..
Peru	2 050	3 343	3 097	35	7 052	52 813	91 039	86 324	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	24 192	40 110	131 055	281 962	450 726	556 725	526 942	539 491	..
Uruguay	-	-	-	1 402	3 406	2 125	2 168	1 990	..
Venezuela	146 918	282 395	313 088	412 506	560 178	631 409	455 207	397 911	..
Other Non-OECD Americas	-	518	573	835	688	384	468	478	..
Non-OECD Americas	**365 949**	**648 603**	**1 058 601**	**1 749 258**	**2 505 257**	**3 005 508**	**2 965 475**	**2 888 501**	**..**
Bahrain	27 369	40 549	48 693	55 232	56 399	75 943	93 482	101 316	..
Islamic Republic of Iran	89 474	74 949	435 169	1 359 360	2 169 141	3 516 585	4 156 354	4 370 126	..
Iraq	22 990	24 339	37 620	59 850	3 293	9 280	113 216	73 556	..
Jordan	-	-	-	-	-	-	-	-	..
Kuwait	128 810	147 233	75 105	141 033	206 589	152 343	188 856	229 161	..
Lebanon	-	-	-	-	-	-	-	-	..
Oman	-	-	15 018	18 835	52 723	313 133	455 501	472 340	..
Qatar	26 777	60 609	111 809	171 122	210 390	228 636	320 496	355 042	..
Saudi Arabia	-	11 149	288 978	538 103	742 829	1 271 615	1 238 139	1 303 659	..
Syrian Arab Republic	-	-	34 908	107 195	82 579	80 215	33 374	30 855	..
United Arab Emirates	38 254	92 912	406 437	582 294	622 061	1 137 698	1 244 496	1 100 460	..
Yemen	-	-	-	-	-	-	-	-	..
Middle East	**333 674**	**451 740**	**1 453 737**	**3 033 024**	**4 146 004**	**6 785 448**	**7 843 914**	**8 036 515**	**..**

2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Consumption of electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**5 645 727**	**7 623 811**	**10 912 022**	**14 193 200**	**16 780 802**	**19 809 176**	**21 564 888**	**21 962 536**	**..**
Non-OECD Total	**1 505 267**	**2 363 962**	**3 768 875**	**4 978 590**	**6 834 152**	**9 529 281**	**11 346 328**	**11 791 067**	**..**
OECD Total[1]	**4 140 460**	**5 259 849**	**7 143 147**	**9 214 610**	**9 946 650**	**10 279 895**	**10 218 560**	**10 171 469**	**10 821 014**
Canada	230 359	313 898	447 693	522 795	546 476	519 246	552 585	552 416	571 867
Chile	7 780	10 309	16 429	38 345	50 096	56 425	68 175	68 899	74 097
Mexico	32 802	60 108	99 476	178 066	211 628	230 334	254 776	259 645	300 702
United States	1 816 737	2 240 976	2 923 917	3 857 457	4 049 930	4 143 407	4 110 051	4 137 101	4 378 656
OECD Americas	**2 087 678**	**2 625 291**	**3 487 515**	**4 596 663**	**4 858 130**	**4 949 412**	**4 985 587**	**5 018 061**	**5 325 322**
Australia	56 602	86 907	145 518	195 244	213 298	236 333	236 390	236 433	248 686
Israel	8 187	11 720	19 461	39 766	45 546	53 009	54 080	54 231	60 387
Japan	442 151	550 941	840 736	1 052 722	1 091 055	1 100 750	1 018 105	995 262	1 014 931
Korea	13 542	34 831	101 738	277 675	375 662	481 474	523 685	532 663	548 693
New Zealand	16 364	19 747	29 876	36 202	39 990	41 775	40 377	40 706	44 196
OECD Asia Oceania	**536 846**	**704 146**	**1 137 329**	**1 601 609**	**1 765 551**	**1 913 341**	**1 872 637**	**1 859 295**	**1 916 893**
Austria	27 466	35 365	46 923	56 692	65 639	70 108	72 160	71 412	75 353
Belgium	38 398	48 250	63 595	84 549	89 173	91 457	89 160	86 412	89 136
Czech Republic	37 010	47 246	57 871	58 493	64 917	66 496	66 080	65 877	71 372
Denmark	17 216	23 562	30 562	34 614	36 088	35 103	33 911	33 064	34 642
Estonia	..	..	9 032	6 343	7 494	8 663	8 784	8 850	9 492
Finland	28 215	39 650	62 259	79 224	84 556	88 410	84 363	83 288	84 933
France	168 284	243 923	347 610	440 064	483 503	502 970	486 268	460 202	504 132
Germany	367 449	453 878	527 414	545 508	588 685	594 054	582 062	569 751	603 222
Greece	13 822	21 671	32 848	49 559	58 202	59 315	55 144	55 144	57 570
Hungary	20 400	28 896	35 547	33 791	38 042	38 765	38 505	39 130	43 878
Iceland	2 101	2 893	4 115	7 368	8 305	16 360	17 742	17 624	18 799
Ireland	6 614	9 789	13 239	22 055	25 965	27 032	26 350	26 419	29 336
Italy	134 564	175 219	235 096	301 785	332 229	325 653	310 758	304 092	328 419
Luxembourg	4 134	3 927	5 219	6 836	7 277	8 532	7 712	7 741	8 336
Netherlands	48 547	61 752	78 020	103 629	112 809	116 412	114 840	113 211	118 752
Norway	61 555	76 506	99 055	112 246	115 967	121 698	120 930	118 156	130 377
Poland	75 545	109 441	124 710	124 577	131 187	144 452	149 812	150 975	164 496
Portugal	8 588	15 221	25 376	41 046	49 187	52 433	48 993	48 496	54 424
Slovak Republic	14 046	21 705	29 369	26 706	26 503	28 043	28 163	27 836	28 662
Slovenia	..	..	10 660	11 492	13 839	13 338	13 965	13 873	15 042
Spain	65 558	99 135	137 464	209 647	266 774	265 794	252 187	248 951	280 347
Sweden	71 156	88 951	135 538	139 129	139 335	140 056	133 161	130 705	138 837
Switzerland	31 601	37 868	49 999	56 365	61 768	63 964	63 154	61 580	66 465
Turkey	11 142	21 792	50 131	104 520	136 750	180 212	209 222	219 889	264 136
United Kingdom	262 525	263 772	306 651	360 100	378 775	357 822	346 910	331 435	358 641
OECD Europe[1]	**1 515 936**	**1 930 412**	**2 518 303**	**3 016 338**	**3 322 969**	**3 417 142**	**3 360 336**	**3 294 113**	**3 578 799**
IEA[1]	*4 089 590*	*5 174 819*	*6 993 006*	*8 939 573*	*9 617 236*	*9 910 429*	*9 809 822*	*9 757 197*	*10 351 987*
European Union - 28	..	..	*2 465 305*	*2 841 704*	*3 120 954*	*3 161 733*	*3 072 846*	*3 002 592*	..
G7	*3 422 069*	*4 242 607*	*5 629 117*	*7 080 431*	*7 470 653*	*7 543 902*	*7 406 739*	*7 350 259*	..
G8	..	..	*6 618 696*	*7 842 501*	*8 298 771*	*8 459 552*	*8 345 161*	*8 299 851*	..
G20	..	..	*9 416 048*	*12 312 452*	*14 436 391*	*16 926 341*	*18 390 137*	*18 718 664*	..
OPEC	*44 235*	*116 045*	*261 569*	*439 613*	*590 394*	*810 728*	*926 961*	*968 669*	..

Domestic supply less losses.
1. Please refer to section 'Geographical coverage'.

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Consumption of electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**1 505 267**	**2 363 962**	**3 768 875**	**4 978 590**	**6 834 152**	**9 529 281**	**11 346 328**	**11 791 067**	**..**
Albania	1 363	3 054	1 815	4 478	5 186	5 661	7 334	6 672	..
Armenia	..	..	9 633	3 983	4 536	4 967	5 596	5 713	..
Azerbaijan	..	..	18 439	16 423	20 043	14 518	19 705	21 000	..
Belarus	..	..	44 637	29 902	31 363	33 821	34 535	34 866	..
Bosnia and Herzegovina	..	..	13 112	7 616	8 998	11 693	12 308	12 002	..
Bulgaria	23 131	35 213	41 488	30 014	31 901	33 727	33 708	34 017	..
Croatia	..	..	14 171	12 640	15 440	16 848	15 977	15 743	..
Cyprus[1]	774	970	1 863	3 182	4 213	5 102	4 104	4 177	..
FYR of Macedonia	..	..	5 325	5 892	6 952	7 401	7 371	7 265	..
Georgia	..	..	14 594	6 419	7 479	7 761	9 288	10 020	..
Gibraltar	47	52	74	121	141	172	183	192	..
Kazakhstan	..	..	96 535	47 174	60 771	77 170	91 063	96 818	..
Kosovo	..	..	..	2 647	3 700	4 705	5 304	5 109	..
Kyrgyzstan	..	..	10 234	8 308	7 095	7 473	10 793	11 328	..
Latvia	..	..	9 046	4 930	6 218	6 775	6 989	6 993	..
Lithuania	..	..	14 878	8 808	10 589	10 750	10 836	11 205	..
Malta	365	527	1 000	1 682	1 984	1 976	2 094	2 140	..
Moldova	..	..	11 958	5 962	7 362	6 137	4 814	4 930	..
Montenegro	..	..	..	..	3 879	3 357	2 842	2 868	..
Romania	39 732	63 883	67 856	44 609	50 430	51 647	49 850	51 453	..
Russian Federation	..	..	989 579	762 070	828 118	915 650	938 422	949 592	..
Serbia	..	..	35 113	31 559	29 182	31 782	31 839	30 460	..
Tajikistan	..	..	17 746	13 437	14 594	14 251	13 643	12 375	..
Turkmenistan	..	..	8 410	7 642	9 755	12 118	13 635	14 643	..
Ukraine	..	..	248 432	136 632	152 905	162 834	163 773	154 766	..
Uzbekistan	..	..	48 880	43 889	44 934	47 227	49 514	50 610	..
Former Soviet Union	832 300	1 168 000	x	x	x	x	x	x	x
Former Yugoslavia	31 260	53 607	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**928 972**	**1 325 306**	**1 724 818**	**1 240 019**	**1 367 768**	**1 495 523**	**1 545 520**	**1 556 957**	**..**
Algeria	2 494	6 349	13 693	21 211	29 524	36 576	48 778	53 048	..
Angola	738	506	630	1 234	2 124	4 822	7 290	8 412	..
Benin	58	103	174	399	589	878	968	1 031	..
Botswana	..	..	990	1 899	2 635	3 102	4 386	3 792	..
Cameroon	1 079	1 346	2 345	2 719	3 306	5 319	5 568	6 242	..
Congo	91	148	410	299	425	599	985	961	..
Côte d'Ivoire	669	1 469	1 913	2 863	3 151	4 415	5 150	6 222	..
Dem. Rep. of the Congo	3 630	3 978	4 530	4 549	4 901	6 757	8 351	8 005	..
Egypt	7 282	16 544	38 049	67 246	95 308	130 435	148 954	152 204	..
Eritrea	..	..	..	172	242	272	312	320	..
Ethiopia	551	635	1 082	1 507	2 560	4 233	6 110	6 788	..
Gabon	162	526	873	1 081	1 274	1 555	1 962	2 200	..
Ghana	3 668	4 601	4 780	6 288	5 296	6 876	10 003	9 564	..
Kenya	1 067	1 707	2 930	3 337	4 694	6 214	7 328	7 674	..
Libya	900	3 606	6 996	11 904	19 877	20 835	14 667	11 522	..
Mauritius	156	289	710	1 618	2 068	2 495	2 704	2 752	..
Morocco	2 594	4 735	8 910	14 110	19 323	25 097	29 718	30 925	..
Mozambique	559	432	548	2 225	9 243	10 667	11 529	12 589	..
Namibia	..	..	..	1 888	2 949	3 361	3 780	3 757	..
Niger	..	..	..	371	500	728	893	985	..
Nigeria	2 122	4 997	8 291	9 109	17 959	21 624	24 516	25 495	..
Senegal	374	575	780	1 005	1 777	2 572	2 968	3 251	..
South Africa	59 870	100 499	155 988	205 950	222 019	232 658	230 084	228 979	..
South Sudan	..	..	..	..	..	..	445	460	..
Sudan[1]	491	702	1 282	2 170	3 042	6 051	7 928	9 751	..
Tanzania	503	684	1 303	1 980	3 061	4 285	4 860	5 180	..
Togo	128	171	343	469	614	797	1 004	1 104	..
Tunisia	1 036	2 567	5 206	9 480	10 951	14 517	15 618	16 093	..
Zambia	5 174	6 070	6 123	6 224	8 213	8 035	11 151	11 047	..
Zimbabwe	4 962	6 995	9 028	10 668	10 771	7 703	8 394	8 276	..
Other Africa	3 594	4 860	6 484	9 687	11 950	15 021	17 201	17 930	..
Africa	**103 952**	**175 094**	**284 391**	**403 662**	**500 346**	**588 499**	**643 605**	**656 559**	**..**

Domestic supply less losses.
1. Please refer to section 'Geographical coverage'.

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Consumption of electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	1 042	1 522	5 136	13 354	24 481	36 490	46 129	49 478	..
Brunei Darussalam	235	328	1 119	2 514	3 090	3 424	3 993	4 217	..
Cambodia	..	..	..	398	886	2 065	3 329	4 145	..
DPR of Korea	15 021	19 201	25 111	16 334	19 291	18 239	15 433	15 077	..
India	59 853	99 047	237 587	415 917	537 111	790 427	978 821	1 042 332	..
Indonesia	1 965	6 808	29 484	82 580	113 292	153 803	194 895	207 141	..
Malaysia	4 347	9 090	20 867	63 716	73 828	116 937	133 210	138 938	..
Mongolia	..	..	3 253	2 526	3 163	4 049	5 458	5 899	..
Myanmar	666	1 162	1 823	3 516	3 664	6 290	9 612	11 256	..
Nepal	74	186	665	1 408	1 984	2 770	3 678	3 941	..
Pakistan	6 389	10 619	29 865	51 586	71 269	79 338	87 563	87 400	..
Philippines	12 562	17 703	22 347	38 945	49 750	59 942	67 525	69 992	..
Singapore	3 507	6 562	15 184	30 513	37 019	44 066	46 868	48 378	..
Sri Lanka	881	1 425	2 624	5 536	7 820	9 314	10 822	11 035	..
Chinese Taipei	18 913	39 821	84 852	176 151	218 326	237 333	245 100	251 065	..
Thailand	6 485	13 766	40 131	91 160	125 259	155 073	171 367	173 752	..
Viet Nam	1 833	2 930	6 476	22 904	47 781	89 941	115 878	130 573	..
Other Asia	4 419	6 381	6 206	9 127	11 968	17 928	23 782	25 224	..
Asia excluding China	138 192	236 551	532 730	1 028 185	1 349 982	1 827 429	2 163 463	2 279 843	..
People's Republic of China	155 163	276 340	579 648	1 253 735	2 323 636	3 937 655	5 121 945	5 357 549	..
Hong Kong, China	6 008	10 919	23 833	36 302	40 051	41 958	42 651	43 979	..
China	**161 171**	**287 259**	**603 481**	**1 290 037**	**2 363 687**	**3 979 613**	**5 164 596**	**5 401 528**	**..**
Argentina	24 111	34 693	42 534	77 016	93 671	117 375	125 232	131 196	..
Bolivia	832	1 414	1 827	3 501	4 400	5 994	7 337	7 950	..
Brazil	56 716	122 704	217 658	331 639	375 195	464 647	516 427	531 233	..
Colombia	9 963	17 143	28 852	33 511	38 776	49 499	60 940	61 631	..
Costa Rica	1 347	2 226	3 344	5 971	7 376	8 642	9 199	9 315	..
Cuba	5 023	8 274	12 847	12 661	13 008	14 629	16 197	16 405	..
Curaçao[1]	658	722	678	976	1 048	1 111	759	748	..
Dominican Republic	1 955	2 561	2 791	11 248	11 232	13 523	15 592	16 422	..
Ecuador	1 080	2 873	4 918	8 051	10 985	17 082	20 881	21 956	..
El Salvador	807	1 256	1 857	3 621	4 572	5 300	6 009	5 899	..
Guatemala	885	1 834	1 857	3 850	6 295	7 929	8 709	9 202	..
Haiti	99	233	414	303	343	244	456	412	..
Honduras	426	775	1 823	3 211	4 277	5 139	5 659	5 551	..
Jamaica	1 969	1 430	2 100	6 043	6 568	3 418	2 896	3 021	..
Nicaragua	585	844	1 278	1 748	2 243	2 950	3 556	3 491	..
Panama	1 042	1 530	2 059	3 838	4 846	6 357	7 742	8 053	..
Paraguay	278	769	2 130	4 706	5 006	7 319	9 524	10 245	..
Peru	6 021	8 729	11 925	17 627	23 118	32 144	38 745	40 498	..
Suriname	..	..	..	1 067	1 381	1 577	1 987	1 990	..
Trinidad and Tobago	1 105	2 035	3 278	5 060	6 669	8 220	9 271	9 663	..
Uruguay	1 990	2 927	3 870	6 743	6 650	9 459	10 173	10 491	..
Venezuela	14 469	30 658	48 643	64 536	76 297	90 885	98 248	81 691	..
Other Non-OECD Americas	15 207	17 592	21 890	29 402	34 467	33 349	33 680	33 678	..
Non-OECD Americas	**146 568**	**263 222**	**418 573**	**636 329**	**738 423**	**906 792**	**1 009 219**	**1 020 741**	**..**
Bahrain	500	1 660	7 747	13 302	18 962	22 383	24 582	26 183	..
Islamic Republic of Iran	11 855	20 800	53 034	101 487	145 075	196 205	216 506	234 111	..
Iraq	3 343	10 814	22 800	29 160	22 521	36 792	47 339	45 707	..
Jordan	338	870	3 330	6 606	9 100	13 400	15 797	16 633	..
Kuwait	3 359	8 301	17 230	28 767	38 767	50 136	53 584	57 544	..
Lebanon	1 612	2 537	1 400	9 659	11 206	15 088	16 358	16 209	..
Oman	41	720	3 963	7 262	9 854	16 792	23 369	25 958	..
Qatar	420	2 173	4 568	8 501	13 377	26 377	32 509	36 351	..
Saudi Arabia	2 784	19 103	65 223	117 060	157 545	218 679	264 000	290 662	..
Syrian Arab Republic	1 283	3 184	8 573	17 476	27 503	38 957	20 927	18 235	..
United Arab Emirates	671	5 865	15 543	38 593	56 343	90 715	98 643	102 170	..
Yemen	206	503	1 471	2 485	3 693	5 901	6 311	5 676	..
Middle East	**26 412**	**76 530**	**204 882**	**380 358**	**513 946**	**731 425**	**819 925**	**875 439**	**..**

Domestic supply less losses.
1. Please refer to section 'Geographical coverage'.

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Industry consumption of coking coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	..	**2 090**	**55 743**	**22 822**	**38 037**	**70 254**	**70 798**	**82 626**	..
Non-OECD Total	..	**1 845**	**53 435**	**19 826**	**34 903**	**64 397**	**67 129**	**79 957**	..
OECD Total[1]	..	**245**	**2 308**	**2 996**	**3 134**	**5 857**	**3 669**	**2 669**	**-**
Canada	..	-	300	300	300	300	300	300	..
Chile	..	-	-	-	-	-	-	-	..
Mexico	..	-	-	-	1 973	3 759	1 601	384	..
United States[2]	..	-	-	-	-	-	-	-	..
OECD Americas	..	**-**	**300**	**300**	**2 273**	**4 059**	**1 901**	**684**	**-**
Australia	..	-	-	-	-	-	-	-	..
Israel	..	-	-	-	-	-	-	-	..
Japan	..	11	1	2	2	2	3	3	..
Korea	..	-	-	-	-	147	984	1 455	..
New Zealand	..	-	-	-	-	78	11	6	..
OECD Asia Oceania	..	**11**	**1**	**2**	**2**	**227**	**998**	**1 464**	**-**
Austria	..	-	-	-	-	-	-	-	..
Belgium	..	4	-	-	-	-	306	261	..
Czech Republic	..	-	1 404	41	-	-	-	-	..
Denmark	..	7	-	-	-	-	-	-	..
Estonia	..	..	-	-	-	-	-	-	..
Finland	..	-	-	-	-	-	-	-	..
France	..	-	-	-	-	-	-	-	..
Germany	..	-	-	-	-	-	-	-	..
Greece	..	-	-	-	-	-	-	-	..
Hungary	..	7	2	-	-	-	-	-	..
Iceland	..	-	-	-	-	-	-	-	..
Ireland	..	-	14	-	-	-	-	-	..
Italy	..	-	-	-	-	-	-	-	..
Luxembourg	..	-	-	-	-	-	-	-	..
Netherlands	..	-	61	101	87	3	64	83	..
Norway	..	-	-	-	-	-	-	-	..
Poland	..	..	..	16	-	10	3	3	..
Portugal	..	56	-	-	-	-	-	-	..
Slovak Republic	..	7	41	39	11	-	32	24	..
Slovenia	..	..	1	-	-	-	-	-	..
Spain	..	-	-	-	-	-	-	-	..
Sweden	..	-	-	-	-	-	-	-	..
Switzerland	..	-	-	-	-	-	-	-	..
Turkey	..	153	335	2 472	642	1 434	244	10	..
United Kingdom	..	-	149	25	119	124	121	140	..
OECD Europe[1]	..	**234**	**2 007**	**2 694**	**859**	**1 571**	**770**	**521**	**-**
IEA[1]	..	*245*	*2 307*	*2 996*	*1 161*	*2 098*	*2 068*	*2 285*	..
European Union - 28	..	..	*1 672*	*223*	*521*	*193*	*586*	*534*	..
G7	..	*11*	*450*	*327*	*421*	*426*	*424*	*443*	..
G8	..	..	*450*	*327*	*421*	*426*	*424*	*443*	..
G20	..	..	*25 529*	*19 603*	*34 422*	*64 434*	*64 470*	*79 272*	..
OPEC	..	-	-	-	-	-	-	-	..

Includes non-energy use for industry/transformation/energy.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.
2. For the United States, coal used by autoproducers of electricity and heat has been included in final consumption prior to 1989.

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Industry consumption of coking coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**1 845**	**53 435**	**19 826**	**34 903**	**64 397**	**67 129**	**79 957**	**..**
Albania	..	-	-	-	-	-	-	-	..
Armenia	..	..	-	-	-	-	-	-	..
Azerbaijan	..	..	-	-	-	-	-	-	..
Belarus	..	..	-	-	-	-	-	-	..
Bosnia and Herzegovina	..	..	-	-	-	39	63	74	..
Bulgaria	..	-	-	-	-	-	-	-	..
Croatia	..	..	-	-	-	-	-	-	..
Cyprus[1]	..	-	-	-	-	-	-	-	..
FYR of Macedonia	..	..	116	67	-	-	-	-	..
Georgia	..	..	686	-	-	-	-	-	..
Gibraltar	..	-	-	-	-	-	-	-	..
Kazakhstan	..	..	29 381	3 134	3 604	5 042	5 368	2 390	..
Kosovo	..	..	..	-	-	-	-	-	..
Kyrgyzstan	..	..	-	-	-	-	-	-	..
Latvia	..	..	-	-	-	-	-	-	..
Lithuania	..	..	-	-	-	-	-	2	..
Malta	..	-	-	-	-	-	-	-	..
Moldova	..	..	-	-	-	-	-	-	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	..	-	-	1	304	56	60	21	..
Russian Federation	..	..	-	-	-	-	-	-	..
Serbia	..	..	-	-	-	-	-	-	..
Tajikistan	..	..	-	-	-	-	-	-	..
Turkmenistan	..	..	-	-	-	-	-	-	..
Ukraine	..	..	-	-	-	-	10	-	..
Uzbekistan	..	..	-	-	-	-	-	-	..
Former Soviet Union	..	-	x	x	x	x	x	x	x
Former Yugoslavia	..	-	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**-**	**30 183**	**3 202**	**3 908**	**5 137**	**5 501**	**2 487**	**..**
Algeria	..	-	-	-	-	-	-	-	..
Angola	..	-	-	-	-	-	-	-	..
Benin	..	-	-	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	..	-	-	-	-	-	-	-	..
Congo	..	-	-	-	-	-	-	-	..
Côte d'Ivoire	..	-	-	-	-	-	-	-	..
Dem. Rep. of the Congo	..	-	-	-	-	-	-	-	..
Egypt	..	-	-	-	-	-	-	-	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	..	-	-	-	-	-	-	-	..
Gabon	..	-	-	-	-	-	-	-	..
Ghana	..	-	-	-	-	-	-	-	..
Kenya	..	-	-	-	-	-	-	-	..
Libya	..	-	-	-	-	-	-	-	..
Mauritius	..	-	-	-	-	-	-	-	..
Morocco	..	-	-	-	-	-	-	-	..
Mozambique	..	-	-	-	-	-	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	..	-	-	-	-	-	-	-	..
Senegal	..	-	-	-	-	-	-	-	..
South Africa	..	-	-	-	-	-	-	-	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	..	-	-	-	-	-	-	-	..
Tanzania	..	-	-	-	-	-	-	-	..
Togo	..	-	-	-	-	-	-	-	..
Tunisia	..	-	-	-	-	-	-	-	..
Zambia	..	-	-	-	-	-	-	-	..
Zimbabwe	..	50	31	18	11	-	-	-	..
Other Africa	..	-	-	-	-	-	-	-	..
Africa	**..**	**50**	**31**	**18**	**11**	**-**	**-**	**-**	**..**

Includes non-energy use for industry/transformation/energy.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Industry consumption of coking coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	-	-	-	-	-	-	-	..
Brunei Darussalam	..	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	..	-	-	-	-	-	-	-	..
India	..	1 795	17 526	6 945	4 107	15 121	13 786	21 257	..
Indonesia	..	-	-	140	98	55	644	2 539	..
Malaysia	..	-	-	-	-	-	-	-	..
Mongolia	..	..	-	-	-	-	-	-	..
Myanmar	..	-	-	-	-	-	-	-	..
Nepal	..	-	-	-	-	-	-	-	..
Pakistan	..	-	-	-	-	-	-	-	..
Philippines	..	-	-	-	-	-	-	-	..
Singapore	..	-	-	-	-	-	-	-	..
Sri Lanka	..	-	-	-	-	-	-	-	..
Chinese Taipei	..	-	-	-	-	-	-	-	..
Thailand	..	-	-	-	-	-	-	-	..
Viet Nam	..	-	-	-	-	-	-	-	..
Other Asia	..	-	-	-	-	-	-	-	..
Asia excluding China	..	1 795	17 526	7 085	4 205	15 176	14 430	23 796	..
People's Republic of China	..	-	5 695	9 521	26 779	43 423	46 322	52 790	..
Hong Kong, China	..	-	-	-	-	-	-	-	..
China	**..**	**-**	**5 695**	**9 521**	**26 779**	**43 423**	**46 322**	**52 790**	**..**
Argentina	..	-	-	-	-	-	-	-	..
Bolivia	..	-	-	-	-	-	-	-	..
Brazil	..	-	-	-	-	-	-	-	..
Colombia	..	-	-	-	-	661	876	884	..
Costa Rica	..	-	-	-	-	-	-	-	..
Cuba	..	-	-	-	-	-	-	-	..
Curaçao[1]	..	-	-	-	-	-	-	-	..
Dominican Republic	..	-	-	-	-	-	-	-	..
Ecuador	..	-	-	-	-	-	-	-	..
El Salvador	..	-	-	-	-	-	-	-	..
Guatemala	..	-	-	-	-	-	-	-	..
Haiti	..	-	-	-	-	-	-	-	..
Honduras	..	-	-	-	-	-	-	-	..
Jamaica	..	-	-	-	-	-	-	-	..
Nicaragua	..	-	-	-	-	-	-	-	..
Panama	..	-	-	-	-	-	-	-	..
Paraguay	..	-	-	-	-	-	-	-	..
Peru	..	-	-	-	-	-	-	-	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	..	-	-	-	-	-	-	-	..
Uruguay	..	-	-	-	-	-	-	-	..
Venezuela	..	-	-	-	-	-	-	-	..
Other Non-OECD Americas	..	-	-	-	-	-	-	-	..
Non-OECD Americas	**..**	**-**	**-**	**-**	**-**	**661**	**876**	**884**	**..**
Bahrain	..	-	-	-	-	-	-	-	..
Islamic Republic of Iran	..	-	-	-	-	-	-	-	..
Iraq	..	-	-	-	-	-	-	-	..
Jordan	..	-	-	-	-	-	-	-	..
Kuwait	..	-	-	-	-	-	-	-	..
Lebanon	..	-	-	-	-	-	-	-	..
Oman	..	-	-	-	-	-	-	-	..
Qatar	..	-	-	-	-	-	-	-	..
Saudi Arabia	..	-	-	-	-	-	-	-	..
Syrian Arab Republic	..	-	-	-	-	-	-	-	..
United Arab Emirates	..	-	-	-	-	-	-	-	..
Yemen	..	-	-	-	-	-	-	-	..
Middle East	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**..**

Includes non-energy use for industry/transformation/energy.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Industry consumption of other bituminous coal and anthracite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	..	**519 458**	**537 856**	**495 779**	**818 665**	**1 069 235**	**1 113 921**	**1 101 097**	..
Non-OECD Total	..	**423 653**	**427 657**	**399 949**	**731 741**	**995 300**	**1 044 290**	**1 030 680**	..
OECD Total[1]	..	**95 805**	**110 199**	**95 830**	**86 924**	**73 935**	**69 631**	**70 417**	-
Canada	..	1 542	878	1 224	1 131	1 197	894	1 075	..
Chile	..	419	662	724	642	496	215	332	..
Mexico	..	-	-	-	48	48	115	97	..
United States[2]	..	41 777	45 519	31 302	30 300	26 077	21 571	21 748	..
OECD Americas	..	**43 738**	**47 059**	**33 250**	**32 121**	**27 818**	**22 795**	**23 252**	-
Australia	..	1 902	2 520	2 218	1 965	1 648	1 505	1 477	..
Israel	..	-	18	31	-	-	-	-	..
Japan	..	6 538	15 802	17 068	17 340	15 937	17 268	17 060	..
Korea	..	1 753	4 589	11 017	7 025	7 234	7 331	7 412	..
New Zealand	..	140	163	224	224	176	223	188	..
OECD Asia Oceania	..	**10 333**	**23 092**	**30 558**	**26 554**	**24 995**	**26 327**	**26 137**	-
Austria	..	68	210	314	212	171	171	181	..
Belgium	..	1 037	1 015	901	365	495	271	382	..
Czech Republic	..	9 414	3 048	1 460	1 311	401	518	337	..
Denmark	..	541	470	375	301	152	130	152	..
Estonia	..	..	86	39	12	47	43	65	..
Finland	..	787	1 043	348	265	170	109	108	..
France	..	3 349	4 678	2 460	2 432	2 160	1 997	1 899	..
Germany	..	6 563	6 540	2 442	2 055	2 410	2 164	2 176	..
Greece	..	139	1 378	1 115	560	456	300	292	..
Hungary	..	-	-	-	192	40	18	25	..
Iceland	..	12	65	101	117	106	120	100	..
Ireland	..	137	325	169	316	170	123	161	..
Italy	..	605	1 683	882	1 069	647	628	805	..
Luxembourg	..	325	196	172	122	102	75	85	..
Netherlands	..	70	491	65	28	37	30	35	..
Norway	..	514	742	963	694	654	639	690	..
Poland	..	9 859	6 754	9 709	5 769	5 563	5 246	5 162	..
Portugal	..	12	802	484	18	75	25	5	..
Slovak Republic	..	836	646	676	704	524	471	458	..
Slovenia	..	..	31	11	49	16	4	3	..
Spain	..	897	2 253	646	727	380	521	400	..
Sweden	..	385	761	496	568	532	560	515	..
Switzerland	..	279	456	168	164	152	123	77	..
Turkey	..	433	1 124	6 149	8 417	3 704	4 093	4 677	..
United Kingdom	..	5 472	5 251	1 877	1 782	1 958	2 130	2 238	..
OECD Europe[1]	..	**41 734**	**40 048**	**32 022**	**28 249**	**21 122**	**20 509**	**21 028**	-
IEA[1]	..	*95 374*	*109 423*	*94 963*	*86 068*	*73 269*	*69 177*	*69 885*	..
European Union - 28	..	..	*38 309*	*25 093*	*19 636*	*17 260*	*16 288*	*16 204*	..
G7	..	*65 846*	*80 351*	*57 255*	*56 109*	*50 386*	*46 652*	*47 001*	..
G8	..	..	*83 311*	*60 025*	*58 216*	*52 383*	*49 151*	*49 395*	..
G20	..	..	*487 306*	*449 398*	*753 501*	*981 216*	*1 028 945*	*1 019 309*	..
OPEC	..	*276*	*462*	*310*	*871*	*1 554*	*2 788*	*2 780*	..

Includes non-energy use for industry/transformation/energy.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.
2. For the United States, coal used by autoproducers of electricity and heat has been included in final consumption prior to 1989.

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Industry consumption of other bituminous coal and anthracite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**423 653**	**427 657**	**399 949**	**731 741**	**995 300**	**1 044 290**	**1 030 680**	**..**
Albania	..	135	240	-	-	167	97	125	..
Armenia	..	..	-	-	-	-	-	-	..
Azerbaijan	..	..	-	-	-	-	-	-	..
Belarus	..	..	87	13	14	28	518	728	..
Bosnia and Herzegovina	..	..	-	-	-	-	-	-	..
Bulgaria	..	2 103	159	328	462	320	242	243	..
Croatia	..	..	148	53	169	168	125	109	..
Cyprus[1]	..	-	97	49	52	26	-	4	..
FYR of Macedonia	..	..	12	-	3	4	6	7	..
Georgia	..	..	100	-	9	8	77	125	..
Gibraltar	..	-	-	-	-	-	-	-	..
Kazakhstan	..	..	1 527	709	6 566	14 807	15 306	7 343	..
Kosovo	..	..	..	9	12	34	21	14	..
Kyrgyzstan	..	..	3 003	186	57	52	2	269	..
Latvia	..	..	36	8	35	71	58	55	..
Lithuania	..	..	72	6	-	114	204	175	..
Malta	..	-	-	-	-	-	-	-	..
Moldova	..	..	461	2	8	52	93	54	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	..	1 952	136	8	61	55	125	134	..
Russian Federation	..	..	2 960	2 770	2 107	1 997	2 499	2 394	..
Serbia	..	..	137	218	60	144	72	131	..
Tajikistan	..	..	-	-	-	-	-	-	..
Turkmenistan	..	..	-	-	-	-	-	-	..
Ukraine	..	..	4 102	3 169	4 017	2 618	5 129	7 133	..
Uzbekistan	..	..	-	16	73	65	199	408	..
Former Soviet Union	..	113 210	x	x	x	x	x	x	x
Former Yugoslavia	..	200	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**117 600**	**13 277**	**7 544**	**13 705**	**20 730**	**24 773**	**19 451**	**..**
Algeria	..	-	-	-	-	-	-	-	..
Angola	..	-	-	-	-	-	-	-	..
Benin	..	-	-	-	-	-	-	70	..
Botswana	..	..	180	263	265	54	94	97	..
Cameroon	..	-	-	-	-	-	-	-	..
Congo	..	-	-	-	-	-	-	-	..
Côte d'Ivoire	..	-	-	-	-	-	-	-	..
Dem. Rep. of the Congo	..	167	169	-	-	-	-	-	..
Egypt	..	-	-	-	-	-	-	-	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	..	-	-	-	-	50	291	321	..
Gabon	..	-	-	-	-	-	-	-	..
Ghana	..	-	-	-	-	-	-	-	..
Kenya	..	16	151	107	145	268	339	533	..
Libya	..	-	-	-	-	-	-	-	..
Mauritius	..	-	20	24	23	25	28	31	..
Morocco	..	29	574	801	37	24	34	26	..
Mozambique	..	257	34	-	-	5	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	..	151	55	3	8	38	44	46	..
Senegal	..	-	-	-	152	287	350	367	..
South Africa	..	18 987	17 865	19 364	17 656	15 709	14 597	15 874	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	..	-	-	-	-	-	-	-	..
Tanzania	..	1	3	48	12	-	85	246	..
Togo	..	-	-	-	-	-	-	-	..
Tunisia	..	21	15	-	-	-	-	-	..
Zambia	..	527	311	109	119	1	149	159	..
Zimbabwe	..	572	1 190	657	286	335	230	239	..
Other Africa	..	265	39	141	90	72	81	84	..
Africa	**..**	**20 993**	**20 606**	**21 517**	**18 793**	**16 868**	**16 322**	**18 093**	**..**

Includes non-energy use for industry/transformation/energy.
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1. Please refer to section 'Geographical coverage'.

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Industry consumption of other bituminous coal and anthracite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	235	563	660	845	1 119	1 288	989	..
Brunei Darussalam	..	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	..	19 240	22 019	14 439	15 927	13 879	6 602	7 690	..
India	..	20 634	27 331	31 192	54 359	114 047	141 919	143 632	..
Indonesia	..	105	1 269	167	403	649	298	298	..
Malaysia	..	84	814	1 572	2 132	2 897	2 442	2 711	..
Mongolia	..	..	595	70	102	152	210	107	..
Myanmar	..	205	60	468	266	362	358	529	..
Nepal	..	82	70	428	408	503	552	802	..
Pakistan	..	1 041	2 272	1 960	4 990	6 091	5 124	4 859	..
Philippines	..	-	-	-	-	-	-	-	..
Singapore	..	-	-	-	-	-	203	260	..
Sri Lanka	..	-	8	-	93	95	84	98	..
Chinese Taipei	..	1 861	4 348	5 631	7 120	8 566	10 082	9 270	..
Thailand	..	94	250	3 212	7 597	12 944	10 065	8 987	..
Viet Nam	..	1 660	1 821	4 177	6 814	14 674	15 763	17 421	..
Other Asia	..	657	303	462	480	1 604	1 830	1 941	..
Asia excluding China	..	45 898	61 723	64 438	101 536	177 582	196 820	199 594	..
People's Republic of China	..	237 063	329 015	298 359	587 827	769 527	793 307	779 545	..
Hong Kong, China	..	3	-	-	868	1 522	2 235	2 541	..
China	**..**	**237 066**	**329 015**	**298 359**	**588 695**	**771 049**	**795 542**	**782 086**	**..**
Argentina	..	26	10	53	-	-	-	-	..
Bolivia	..	-	-	-	-	-	-	-	..
Brazil	..	112	115	3 422	4 419	4 660	5 025	5 275	..
Colombia	..	1 683	2 173	3 303	2 459	1 507	1 403	1 416	..
Costa Rica	..	1	-	1	2	1	3	3	..
Cuba	..	95	153	22	22	23	3	3	..
Curaçao[1]	..	-	-	-	-	-	-	-	..
Dominican Republic	..	-	-	-	-	-	-	-	..
Ecuador	..	-	-	-	-	-	-	-	..
El Salvador	..	-	-	-	-	-	-	-	..
Guatemala	..	22	-	-	-	-	-	-	..
Haiti	..	-	12	-	-	-	-	-	..
Honduras	..	-	-	135	241	107	76	75	..
Jamaica	..	-	52	53	59	54	89	84	..
Nicaragua	..	-	-	-	-	-	-	-	..
Panama	..	-	32	60	-	-	-	-	..
Paraguay	..	-	-	-	-	-	-	-	..
Peru	..	26	81	534	746	804	781	903	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	..	-	-	-	-	-	-	-	..
Uruguay	..	4	1	1	1	4	4	3	..
Venezuela	..	42	332	181	51	273	288	270	..
Other Non-OECD Americas	..	-	-	-	-	-	-	-	..
Non-OECD Americas	**..**	**2 011**	**2 961**	**7 765**	**8 000**	**7 433**	**7 672**	**8 032**	**..**
Bahrain	..	-	-	-	-	-	-	-	..
Islamic Republic of Iran	..	83	75	126	576	81	145	134	..
Iraq	..	-	-	-	-	-	-	-	..
Jordan	..	-	-	-	-	-	320	521	..
Kuwait	..	-	-	-	-	-	-	-	..
Lebanon	..	1	-	200	200	225	200	250	..
Oman	..	-	-	-	-	-	-	-	..
Qatar	..	-	-	-	-	-	-	-	..
Saudi Arabia	..	-	-	-	-	-	-	-	..
Syrian Arab Republic	..	1	-	-	-	-	-	-	..
United Arab Emirates	..	-	-	-	236	1 162	2 311	2 330	..
Yemen	..	-	-	-	-	170	185	189	..
Middle East	**..**	**85**	**75**	**326**	**1 012**	**1 638**	**3 161**	**3 424**	**..**

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1. Please refer to section 'Geographical coverage'.

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Industry consumption of sub-bituminous coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	..	**15 579**	**23 545**	**23 272**	**32 463**	**34 022**	**31 147**	**31 870**	..
Non-OECD Total	..	**8 814**	**12 892**	**15 033**	**22 937**	**23 511**	**18 395**	**19 841**	..
OECD Total[1]	..	**6 765**	**10 653**	**8 239**	**9 526**	**10 511**	**12 752**	**12 029**	-
Canada	..	2	342	516	598	439	326	415	..
Chile	..	-	-	-	-	-	-	-	..
Mexico	..	-	-	-	587	735	3 069	2 385	..
United States[2]	..	3 027	6 663	4 573	5 384	6 346	6 423	6 035	..
OECD Americas	..	**3 029**	**7 005**	**5 089**	**6 569**	**7 520**	**9 818**	**8 835**	-
Australia	..	1 395	2 326	2 476	2 235	2 238	2 184	2 310	..
Israel	..	-	-	-	-	-	-	-	..
Japan	..	-	-	-	-	-	-	-	..
Korea	..	-	-	-	-	-	-	-	..
New Zealand	..	809	722	366	430	474	440	571	..
OECD Asia Oceania	..	**2 204**	**3 048**	**2 842**	**2 665**	**2 712**	**2 624**	**2 881**	-
Austria	..	-	-	38	64	69	74	86	..
Belgium	..	1 110	352	83	16	-	-	-	..
Czech Republic	..	-	-	-	-	-	-	-	..
Denmark	..	-	-	-	-	-	-	-	..
Estonia	..	..	-	-	-	-	-	-	..
Finland	..	-	-	-	-	-	-	-	..
France	..	-	-	-	-	-	-	-	..
Germany	..	-	-	-	-	-	-	-	..
Greece	..	-	-	-	-	-	-	-	..
Hungary	..	354	104	112	-	24	17	34	..
Iceland	..	-	-	-	-	-	-	-	..
Ireland	..	-	-	-	-	-	-	-	..
Italy	..	-	-	-	-	-	-	-	..
Luxembourg	..	-	-	-	-	-	-	-	..
Netherlands	..	-	-	-	-	-	-	-	..
Norway	..	-	-	-	-	-	-	-	..
Poland	..	-	-	-	-	-	-	-	..
Portugal	..	16	16	-	-	-	-	-	..
Slovak Republic	..	-	-	-	-	-	-	-	..
Slovenia	..	..	-	64	74	39	36	36	..
Spain	..	52	75	-	-	-	-	-	..
Sweden	..	-	-	-	-	-	-	-	..
Switzerland	..	-	-	-	-	-	-	-	..
Turkey	..	-	53	11	138	147	183	157	..
United Kingdom	..	-	-	-	-	-	-	-	..
OECD Europe[1]	..	**1 532**	**600**	**308**	**292**	**279**	**310**	**313**	-
IEA[1]	..	*6 765*	*10 653*	*8 175*	*8 865*	*9 737*	*9 647*	*9 608*	..
European Union - 28	..	..	*547*	*297*	*505*	*355*	*498*	*504*	..
G7	..	*3 029*	*7 005*	*5 089*	*5 982*	*6 785*	*6 749*	*6 450*	..
G8	..	..	*7 005*	*5 089*	*5 982*	*6 785*	*6 749*	*6 450*	..
G20	..	..	*14 233*	*16 961*	*25 259*	*26 039*	*24 223*	*23 956*	..
OPEC	..	-	-	-	-	-	*56*	*59*	..

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Industry consumption of sub-bituminous coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**8 814**	**12 892**	**15 033**	**22 937**	**23 511**	**18 395**	**19 841**	**..**
Albania	..	-	-	-	-	-	-	-	..
Armenia	..	..	-	-	-	-	-	-	..
Azerbaijan	..	..	-	-	-	-	-	-	..
Belarus	..	..	-	-	-	-	-	-	..
Bosnia and Herzegovina	..	..	-	470	206	92	187	216	..
Bulgaria	..	-	-	-	-	-	-	-	..
Croatia	..	..	-	-	-	28	-	-	..
Cyprus[1]	..	-	-	-	-	-	-	-	..
FYR of Macedonia	..	..	-	-	94	151	165	145	..
Georgia	..	..	-	-	-	-	-	-	..
Gibraltar	..	-	-	-	-	-	-	-	..
Kazakhstan	..	..	-	-	-	-	-	-	..
Kosovo	..	..	..	-	-	-	-	-	..
Kyrgyzstan	..	..	-	-	-	-	-	-	..
Latvia	..	..	-	-	-	-	-	-	..
Lithuania	..	..	-	-	135	9	-	-	..
Malta	..	-	-	-	-	-	-	-	..
Moldova	..	..	-	-	-	-	-	-	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	..	-	-	-	216	186	371	348	..
Russian Federation	..	..	-	-	-	-	-	-	..
Serbia	..	..	-	50	55	-	-	-	..
Tajikistan	..	..	-	-	-	-	-	-	..
Turkmenistan	..	..	-	-	-	-	-	-	..
Ukraine	..	..	-	-	-	-	-	-	..
Uzbekistan	..	..	-	-	-	-	-	-	..
Former Soviet Union	..	-	x	x	x	x	x	x	x
Former Yugoslavia	..	-	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**-**	**-**	**520**	**706**	**466**	**723**	**709**	**..**
Algeria	..	-	-	-	-	-	-	-	..
Angola	..	-	-	-	-	-	-	-	..
Benin	..	-	-	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	..	-	-	-	-	-	-	-	..
Congo	..	-	-	-	-	-	-	-	..
Côte d'Ivoire	..	-	-	-	-	-	-	-	..
Dem. Rep. of the Congo	..	-	-	-	-	-	-	-	..
Egypt	..	-	-	-	-	-	-	-	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	..	-	-	-	-	-	-	-	..
Gabon	..	-	-	-	-	-	-	-	..
Ghana	..	-	-	-	-	-	-	-	..
Kenya	..	-	-	-	-	-	-	-	..
Libya	..	-	-	-	-	-	-	-	..
Mauritius	..	-	-	-	-	-	-	-	..
Morocco	..	-	-	-	-	-	-	-	..
Mozambique	..	-	-	-	-	-	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	..	-	-	-	-	-	-	-	..
Senegal	..	-	-	-	-	-	-	-	..
South Africa	..	-	-	-	-	-	-	-	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	..	-	-	-	-	-	-	-	..
Tanzania	..	-	-	-	-	-	-	-	..
Togo	..	-	-	-	-	-	-	-	..
Tunisia	..	-	-	-	-	-	-	-	..
Zambia	..	-	-	-	-	-	-	-	..
Zimbabwe	..	-	-	-	-	-	-	-	..
Other Africa	..	-	-	-	-	-	-	-	..
Africa	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**..**

Includes non-energy use for industry/transformation/energy.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Industry consumption of sub-bituminous coal

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	-	-	-	-	-	-	-	..
Brunei Darussalam	..	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	..	7 720	7 594	4 098	4 417	3 798	1 905	2 133	..
India	..	-	-	-	-	-	-	-	..
Indonesia	..	-	2 651	8 445	15 250	14 573	9 909	10 407	..
Malaysia	..	-	-	-	-	-	-	-	..
Mongolia	..	..	-	-	-	-	-	-	..
Myanmar	..	-	-	-	-	-	-	-	..
Nepal	..	-	-	-	-	-	-	-	..
Pakistan	..	-	-	-	-	-	-	-	..
Philippines	..	195	996	1 327	2 002	3 468	3 946	4 284	..
Singapore	..	-	-	-	-	-	-	-	..
Sri Lanka	..	-	-	-	-	-	-	-	..
Chinese Taipei	..	-	-	-	-	-	-	-	..
Thailand	..	-	-	-	-	-	-	-	..
Viet Nam	..	-	-	-	-	-	225	506	..
Other Asia	..	-	-	-	-	-	-	-	..
Asia excluding China	..	7 915	11 241	13 870	21 669	21 839	15 985	17 330	..
People's Republic of China	..	..	..	..	..	..	..	..	..
Hong Kong, China	..	-	-	-	-	-	-	-	..
China	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**..**
Argentina	..	-	-	-	-	-	-	-	..
Bolivia	..	-	-	-	-	-	-	-	..
Brazil	..	899	1 651	643	562	1 206	1 631	1 743	..
Colombia	..	-	-	-	-	-	-	-	..
Costa Rica	..	-	-	-	-	-	-	-	..
Cuba	..	-	-	-	-	-	-	-	..
Curaçao[1]	..	-	-	-	-	-	-	-	..
Dominican Republic	..	-	-	-	-	-	-	-	..
Ecuador	..	-	-	-	-	-	-	-	..
El Salvador	..	-	-	-	-	-	-	-	..
Guatemala	..	-	-	-	-	-	-	-	..
Haiti	..	-	-	-	-	-	-	-	..
Honduras	..	-	-	-	-	-	-	-	..
Jamaica	..	-	-	-	-	-	-	-	..
Nicaragua	..	-	-	-	-	-	-	-	..
Panama	..	-	-	-	-	-	-	-	..
Paraguay	..	-	-	-	-	-	-	-	..
Peru	..	-	-	-	-	-	-	-	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	..	-	-	-	-	-	-	-	..
Uruguay	..	-	-	-	-	-	-	-	..
Venezuela	..	-	-	-	-	-	-	-	..
Other Non-OECD Americas	..	-	-	-	-	-	-	-	..
Non-OECD Americas	**..**	**899**	**1 651**	**643**	**562**	**1 206**	**1 631**	**1 743**	**..**
Bahrain	..	-	-	-	-	-	-	-	..
Islamic Republic of Iran	..	-	-	-	-	-	-	-	..
Iraq	..	-	-	-	-	-	-	-	..
Jordan	..	-	-	-	-	-	-	-	..
Kuwait	..	-	-	-	-	-	-	-	..
Lebanon	..	-	-	-	-	-	-	-	..
Oman	..	-	-	-	-	-	-	-	..
Qatar	..	-	-	-	-	-	-	-	..
Saudi Arabia	..	-	-	-	-	-	-	-	..
Syrian Arab Republic	..	-	-	-	-	-	-	-	..
United Arab Emirates	..	-	-	-	-	-	56	59	..
Yemen	..	-	-	-	-	-	-	-	..
Middle East	**..**	**-**	**-**	**-**	**-**	**-**	**56**	**59**	**..**

Includes non-energy use for industry/transformation/energy.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Industry consumption of lignite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	..	**62 690**	**61 225**	**29 294**	**30 268**	**25 752**	**23 214**	**22 726**	..
Non-OECD Total	..	**11 826**	**18 194**	**13 357**	**18 523**	**13 618**	**14 238**	**13 669**	..
OECD Total[1]	..	**50 864**	**43 031**	**15 937**	**11 745**	**12 134**	**8 976**	**9 057**	-
Canada	..	247	519	780	2 033	1 223	760	1 593	..
Chile	..	-	-	-	-	-	-	-	..
Mexico	..	-	-	-	779	720	699	585	..
United States	..	2 796	1 241	1 423	289	296	294	461	..
OECD Americas	..	**3 043**	**1 760**	**2 203**	**3 101**	**2 239**	**1 753**	**2 639**	-
Australia	..	311	73	-	2	2	-	-	..
Israel	..	-	-	-	-	-	-	-	..
Japan	..	22	-	-	-	-	-	-	..
Korea	..	-	-	-	-	-	-	-	..
New Zealand	..	85	135	167	207	195	248	281	..
OECD Asia Oceania	..	**418**	**208**	**167**	**209**	**197**	**248**	**281**	-
Austria	..	157	148	67	62	30	9	10	..
Belgium	..	95	276	-	-	-	-	-	..
Czech Republic	..	14 948	7 124	4 942	3 323	1 085	902	806	..
Denmark	..	-	-	-	-	-	-	-	..
Estonia	..	..	-	-	-	-	-	-	..
Finland	..	-	-	-	-	-	-	-	..
France	..	163	230	53	36	52	146	177	..
Germany	..	21 769	20 359	469	428	598	557	568	..
Greece	..	1 289	1 094	381	224	22	79	197	..
Hungary	..	1 908	541	32	3	7	2	3	..
Iceland	..	-	-	-	-	-	-	-	..
Ireland	..	-	-	-	-	-	-	-	..
Italy	..	48	33	26	8	6	5	3	..
Luxembourg	..	28	-	-	-	-	-	-	..
Netherlands	..	153	58	30	28	27	24	32	..
Norway	..	-	-	-	-	-	-	-	..
Poland	..	83	45	48	11	30	74	57	..
Portugal	..	-	-	-	-	-	-	-	..
Slovak Republic	..	3 277	2 410	596	198	11	51	47	..
Slovenia	..	..	275	7	-	17	29	29	..
Spain	..	-	-	-	-	-	-	-	..
Sweden	..	-	-	-	-	-	-	-	..
Switzerland	..	-	-	-	-	62	58	131	..
Turkey	..	3 485	8 470	6 916	4 114	7 751	5 039	4 077	..
United Kingdom	..	-	-	-	-	-	-	-	..
OECD Europe[1]	..	**47 403**	**41 063**	**13 567**	**8 435**	**9 698**	**6 975**	**6 137**	-
IEA[1]	..	*50 864*	*42 756*	*15 930*	*10 966*	*11 397*	*8 248*	*8 443*	..
European Union - 28	..	..	*33 329*	*7 262*	*5 101*	*2 695*	*2 419*	*2 427*	..
G7	..	*25 045*	*22 382*	*2 751*	*2 794*	*2 175*	*1 762*	*2 802*	..
G8	..	..	*22 781*	*3 546*	*3 272*	*2 485*	*2 074*	*2 979*	..
G20	..	..	*47 393*	*20 428*	*18 123*	*18 857*	*14 262*	*15 156*	..
OPEC	..	-	-	-	-	-	-	-	..

Includes non-energy use for industry/transformation/energy.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Industry consumption of lignite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**..**	**11 826**	**18 194**	**13 357**	**18 523**	**13 618**	**14 238**	**13 669**	**..**
Albania	..	710	-	38	42	-	-	-	..
Armenia	..	..	-	-	-	-	-	-	..
Azerbaijan	..	..	-	-	-	-	-	-	..
Belarus	..	..	-	-	-	-	-	-	..
Bosnia and Herzegovina	..	..	3 600	461	212	60	36	36	..
Bulgaria	..	3 267	234	27	71	9	12	17	..
Croatia	..	..	315	39	45	31	34	28	..
Cyprus[1]	..	-	-	-	-	-	-	-	..
FYR of Macedonia	..	..	142	2	191	50	147	91	..
Georgia	..	..	-	-	-	17	398	294	..
Gibraltar	..	-	-	-	-	-	-	-	..
Kazakhstan	..	..	3 443	2 430	4 074	2 561	3 368	2 983	..
Kosovo	..	..	..	92	104	145	109	72	..
Kyrgyzstan	..	..	2 140	346	91	134	284	117	..
Latvia	..	..	3	-	-	-	-	-	..
Lithuania	..	..	-	-	-	-	-	-	..
Malta	..	-	-	-	-	-	-	-	..
Moldova	..	..	-	-	-	-	-	-	..
Montenegro	..	..	..	..	51	10	13	14	..
Romania	..	-	184	545	664	770	495	453	..
Russian Federation	..	..	399	795	478	310	312	177	..
Serbia	..	..	389	638	108	226	304	373	..
Tajikistan	..	..	-	-	-	-	-	-	..
Turkmenistan	..	..	-	-	-	-	-	-	..
Ukraine[2]	..	..	136	-	6	-	-	4	..
Uzbekistan	..	..	-	168	151	177	188	192	..
Former Soviet Union	..	-	x	x	x	x	x	x	x
Former Yugoslavia	..	2 300	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**..**	**6 277**	**10 985**	**5 581**	**6 288**	**4 500**	**5 700**	**4 851**	**..**
Algeria	..	-	-	-	-	-	-	-	..
Angola	..	-	-	-	-	-	-	-	..
Benin	..	-	-	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	..	-	-	-	-	-	-	-	..
Congo	..	-	-	-	-	-	-	-	..
Côte d'Ivoire	..	-	-	-	-	-	-	-	..
Dem. Rep. of the Congo	..	-	-	-	-	-	-	-	..
Egypt	..	-	-	-	-	-	-	-	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	..	-	-	-	-	-	-	-	..
Gabon	..	-	-	-	-	-	-	-	..
Ghana	..	-	-	-	-	-	-	-	..
Kenya	..	-	-	-	-	-	-	-	..
Libya	..	-	-	-	-	-	-	-	..
Mauritius	..	-	-	-	-	-	-	-	..
Morocco	..	-	-	-	-	-	-	-	..
Mozambique	..	-	-	-	-	-	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	..	-	-	-	-	-	-	-	..
Senegal	..	-	-	-	-	-	-	-	..
South Africa	..	-	-	-	-	-	-	-	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	..	-	-	-	-	-	-	-	..
Tanzania	..	-	-	-	-	-	-	-	..
Togo	..	-	-	-	-	-	-	-	..
Tunisia	..	-	-	-	-	-	-	-	..
Zambia	..	-	-	-	-	-	-	-	..
Zimbabwe	..	-	-	-	-	-	-	-	..
Other Africa	..	-	-	-	-	-	-	-	..
Africa	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**..**

Includes non-energy use for industry/transformation/energy.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.
2. Peat includes lignite starting from 2007. See confidentiality issue in section 'Country notes and sources'.

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Industry consumption of lignite

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	..	-	-	-	-	-	30	-	..
Brunei Darussalam	..	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	..	-	-	-	-	-	-	-	..
India	..	626	2 950	3 162	5 290	5 770	4 711	5 815	..
Indonesia	..	-	-	-	-	-	-	-	..
Malaysia	..	-	-	-	-	-	-	-	..
Mongolia	..	..	400	110	5	28	286	277	..
Myanmar	..	27	38	26	16	-	-	-	..
Nepal	..	-	-	-	-	-	-	-	..
Pakistan	..	471	824	928	2 010	1 101	1 163	1 168	..
Philippines	..	-	3	3	-	-	-	-	..
Singapore	..	-	-	-	-	-	-	-	..
Sri Lanka	..	-	-	-	-	-	-	-	..
Chinese Taipei	..	-	-	-	-	-	-	-	..
Thailand	..	127	2 582	3 412	4 460	2 037	2 220	1 431	..
Viet Nam	..	-	-	-	322	-	-	-	..
Other Asia	..	4 200	-	45	95	92	100	106	..
Asia excluding China	..	5 451	6 797	7 686	12 198	9 028	8 510	8 797	..
People's Republic of China	..	..	..	..	..	..	..	..	..
Hong Kong, China	..	-	-	-	-	-	-	-	..
China	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**..**
Argentina	..	-	-	-	-	-	-	-	..
Bolivia	..	-	-	-	-	-	-	-	..
Brazil	..	98	412	90	37	90	28	21	..
Colombia	..	-	-	-	-	-	-	-	..
Costa Rica	..	-	-	-	-	-	-	-	..
Cuba	..	-	-	-	-	-	-	-	..
Curaçao[1]	..	-	-	-	-	-	-	-	..
Dominican Republic	..	-	-	-	-	-	-	-	..
Ecuador	..	-	-	-	-	-	-	-	..
El Salvador	..	-	-	-	-	-	-	-	..
Guatemala	..	-	-	-	-	-	-	-	..
Haiti	..	-	-	-	-	-	-	-	..
Honduras	..	-	-	-	-	-	-	-	..
Jamaica	..	-	-	-	-	-	-	-	..
Nicaragua	..	-	-	-	-	-	-	-	..
Panama	..	-	-	-	-	-	-	-	..
Paraguay	..	-	-	-	-	-	-	-	..
Peru	..	-	-	-	-	-	-	-	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	..	-	-	-	-	-	-	-	..
Uruguay	..	-	-	-	-	-	-	-	..
Venezuela	..	-	-	-	-	-	-	-	..
Other Non-OECD Americas	..	-	-	-	-	-	-	-	..
Non-OECD Americas	**..**	**98**	**412**	**90**	**37**	**90**	**28**	**21**	**..**
Bahrain	..	-	-	-	-	-	-	-	..
Islamic Republic of Iran	..	-	-	-	-	-	-	-	..
Iraq	..	-	-	-	-	-	-	-	..
Jordan	..	-	-	-	-	-	-	-	..
Kuwait	..	-	-	-	-	-	-	-	..
Lebanon	..	-	-	-	-	-	-	-	..
Oman	..	-	-	-	-	-	-	-	..
Qatar	..	-	-	-	-	-	-	-	..
Saudi Arabia	..	-	-	-	-	-	-	-	..
Syrian Arab Republic	..	-	-	-	-	-	-	-	..
United Arab Emirates	..	-	-	-	-	-	-	-	..
Yemen	..	-	-	-	-	-	-	-	..
Middle East	**..**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**..**

Includes non-energy use for industry/transformation/energy.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Industry consumption of oil

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**705 585**	**768 995**	**674 238**	**773 856**	**858 588**	**880 284**	**854 541**	**868 214**	**..**
Non-OECD Total	**187 988**	**274 590**	**266 252**	**323 094**	**380 216**	**451 467**	**465 220**	**483 538**	**..**
OECD Total[1]	**517 597**	**494 405**	**407 986**	**450 762**	**478 372**	**428 817**	**389 321**	**384 676**	**..**
Canada	21 261	20 603	16 909	19 925	23 331	20 497	20 234	19 849	..
Chile	1 231	1 279	1 524	2 110	2 217	3 323	3 764	4 331	..
Mexico	5 385	9 163	13 660	13 524	12 764	12 740	10 968	11 574	..
United States	154 235	184 106	141 641	150 284	176 310	146 904	123 950	119 909	..
OECD Americas	**182 112**	**215 151**	**173 734**	**185 843**	**214 622**	**183 464**	**158 916**	**155 663**	**..**
Australia	7 852	7 874	6 390	7 653	7 314	6 971	8 932	8 805	..
Israel	1 152	1 455	1 698	2 272	1 804	2 392	2 456	2 523	..
Japan	93 518	65 831	67 856	69 396	66 185	59 623	57 353	55 478	..
Korea	6 297	9 875	17 275	34 611	36 645	41 869	44 966	47 081	..
New Zealand	989	832	626	670	731	792	759	783	..
OECD Asia Oceania	**109 808**	**85 867**	**93 845**	**114 602**	**112 679**	**111 647**	**114 466**	**114 670**	**..**
Austria	3 192	1 975	1 855	1 880	2 125	2 013	1 983	2 102	..
Belgium	7 969	4 521	4 223	7 542	7 556	7 775	8 206	8 809	..
Czech Republic	5 192	6 030	4 511	2 599	3 076	2 643	2 275	2 595	..
Denmark	3 437	2 583	1 209	1 061	1 071	819	702	661	..
Estonia	..	..	779	135	183	138	149	155	..
Finland	5 138	3 791	2 700	2 533	2 631	2 453	2 320	2 320	..
France	35 097	30 625	17 458	18 927	18 887	15 566	14 632	14 829	..
Germany	47 083	36 452	26 269	27 069	25 621	23 127	21 245	21 299	..
Greece	2 455	3 155	2 131	2 610	2 522	2 250	1 464	1 636	..
Hungary	2 288	3 299	2 116	1 517	2 104	1 729	1 571	1 784	..
Iceland	129	156	111	145	175	52	52	84	..
Ireland	1 654	1 633	873	1 423	1 570	1 012	815	655	..
Italy	30 092	22 940	17 248	14 173	14 353	12 739	8 522	8 638	..
Luxembourg	828	207	301	98	48	42	45	42	..
Netherlands	9 925	13 317	7 575	11 159	14 571	15 042	14 011	13 880	..
Norway	3 130	3 616	2 788	2 458	2 682	2 764	2 584	2 553	..
Poland	2 999	4 729	2 982	3 811	3 766	4 163	3 564	3 562	..
Portugal	1 786	2 609	3 791	4 633	4 051	2 796	2 025	2 141	..
Slovak Republic	1 799	2 979	2 958	1 487	1 117	894	639	628	..
Slovenia	..	..	235	397	381	251	240	268	..
Spain	13 773	16 320	11 513	15 162	14 089	12 236	7 447	6 259	..
Sweden	8 328	6 231	3 934	4 517	3 810	2 983	2 686	2 485	..
Switzerland	3 707	2 771	1 533	1 321	1 258	1 088	963	804	..
Turkey	2 682	4 322	6 167	8 119	7 796	7 467	7 740	6 030	..
United Kingdom	32 994	19 126	15 147	15 541	15 628	11 664	10 059	10 124	..
OECD Europe[1]	**225 677**	**193 387**	**140 407**	**150 317**	**151 071**	**133 706**	**115 939**	**114 343**	**..**
IEA[1]	*509 700*	*482 352*	*390 758*	*432 314*	*461 031*	*410 059*	*371 841*	*365 896*	..
European Union - 28	..	..	*137 812*	*143 920*	*144 676*	*125 510*	*107 689*	*108 008*	..
G7	*414 280*	*379 683*	*302 528*	*315 315*	*340 315*	*290 120*	*255 995*	*250 126*	..
G8	..	..	*345 694*	*349 731*	*371 860*	*331 608*	*305 140*	*306 775*	..
G20	..	..	*547 682*	*652 490*	*710 899*	*718 050*	*688 409*	*700 666*	..
OPEC	*9 947*	*29 798*	*37 095*	*50 967*	*62 282*	*80 019*	*81 390*	*85 787*	..

Includes non-energy use for industry/transformation/energy.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Industry consumption of oil

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**187 988**	**274 590**	**266 252**	**323 094**	**380 216**	**451 467**	**465 220**	**483 538**	**..**
Albania	64	689	611	204	224	305	252	262	..
Armenia	..	..	777	30	41	43	40	58	..
Azerbaijan	..	..	1 378	876	1 096	555	777	735	..
Belarus	..	..	9 579	2 347	2 319	1 582	1 142	2 233	..
Bosnia and Herzegovina	..	..	783	62	93	183	153	147	..
Bulgaria	366	700	1 792	1 517	1 395	574	466	481	..
Croatia	..	..	946	670	847	530	471	446	..
Cyprus[1]	194	282	208	487	343	267	198	224	..
FYR of Macedonia	..	..	424	206	213	254	283	256	..
Georgia	..	..	969	73	102	105	150	151	..
Gibraltar	12	8	12	19	21	21	24	24	..
Kazakhstan	..	..	7 509	2 014	3 139	2 546	5 730	2 663	..
Kosovo	..	..	..	83	111	129	184	151	..
Kyrgyzstan	..	..	-	7	46	146	61	245	..
Latvia	..	..	492	216	168	148	147	133	..
Lithuania	..	..	1 469	273	294	212	214	161	..
Malta	-	2	6	-	21	17	17	15	..
Moldova	..	..	2	12	12	34	54	52	..
Montenegro	..	..	..	..	117	76	80	66	..
Romania	2 155	3 906	3 091	2 483	2 448	1 427	1 576	1 676	..
Russian Federation	..	..	43 166	34 416	31 545	41 488	49 145	56 649	..
Serbia	..	..	2 469	312	1 116	893	881	768	..
Tajikistan	..	..	-	-	-	-	49	27	..
Turkmenistan	..	..	-	-	-	-	-	-	..
Ukraine	..	..	15 878	2 466	3 464	2 254	1 486	1 313	..
Uzbekistan	..	..	1 985	997	727	548	450	424	..
Former Soviet Union	91 700	122 400	x	x	x	x	x	x	x
Former Yugoslavia	3 848	5 369	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**98 339**	**133 356**	**93 546**	**49 770**	**49 902**	**54 337**	**64 030**	**69 360**	**..**
Algeria	482	942	1 414	1 511	1 561	1 857	1 830	2 064	..
Angola	108	101	286	328	280	458	599	575	..
Benin	3	9	10	53	44	47	53	56	..
Botswana	..	..	32	87	104	152	135	164	..
Cameroon	23	53	90	88	84	118	133	140	..
Congo	50	23	26	17	24	30	65	56	..
Côte d'Ivoire	267	265	190	270	141	194	285	301	..
Dem. Rep. of the Congo	2	1	98	16	46	48	46	46	..
Egypt	2 676	4 852	7 666	6 998	7 669	7 715	5 790	5 561	..
Eritrea	..	..	..	17	27	8	8	8	..
Ethiopia	122	113	211	293	415	573	763	826	..
Gabon	137	273	44	186	188	299	386	376	..
Ghana	159	161	173	283	382	515	693	683	..
Kenya	226	354	394	447	559	756	536	623	..
Libya	138	767	1 000	1 588	1 352	2 283	2 001	1 185	..
Mauritius	11	27	37	95	92	93	79	81	..
Morocco	937	1 612	1 444	1 366	2 344	2 773	2 792	2 608	..
Mozambique	40	5	23	35	80	97	119	128	..
Namibia	..	..	..	54	72	91	110	114	..
Niger	..	..	..	17	27	78	90	95	..
Nigeria	665	1 408	1 008	538	488	340	450	475	..
Senegal	138	184	89	179	132	79	77	81	..
South Africa	2 428	3 061	3 679	1 844	2 297	4 595	4 620	4 988	..
South Sudan	..	..	..	..	..	..	3	3	..
Sudan[1]	559	351	332	329	442	1 211	787	802	..
Tanzania	147	123	121	132	119	101	181	259	..
Togo	-	-	8	87	38	77	52	55	..
Tunisia	303	596	787	887	1 269	870	881	1 090	..
Zambia	298	227	209	162	212	281	408	423	..
Zimbabwe	110	96	120	115	85	61	68	70	..
Other Africa	1 256	1 367	1 179	801	695	1 009	1 402	1 454	..
Africa	**11 285**	**16 971**	**20 670**	**18 823**	**21 268**	**26 809**	**25 442**	**25 390**	**..**

Includes non-energy use for industry/transformation/energy.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Industry consumption of oil

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	281	420	275	741	191	216	257	212	..
Brunei Darussalam	28	54	56	67	62	157	147	119	..
Cambodia	..	..	..	24	41	59	79	53	..
DPR of Korea	95	380	388	68	83	93	102	93	..
India	8 360	8 692	16 564	36 264	37 560	37 730	43 879	46 264	..
Indonesia	1 753	5 285	8 705	12 198	14 370	16 465	11 068	11 363	..
Malaysia	1 498	2 650	3 617	5 938	6 103	6 098	5 874	4 980	..
Mongolia	..	..	215	88	146	269	414	367	..
Myanmar	278	444	148	209	228	238	758	912	..
Nepal	1	7	15	41	38	20	19	20	..
Pakistan	380	438	1 509	2 318	2 316	1 718	1 645	1 724	..
Philippines	2 316	2 365	2 546	2 764	1 804	1 532	1 587	1 629	..
Singapore	450	592	1 948	3 710	7 390	7 746	8 713	8 967	..
Sri Lanka	223	202	154	324	350	319	395	286	..
Chinese Taipei	2 474	6 963	8 648	13 730	18 863	23 127	21 784	21 849	..
Thailand	1 902	2 249	3 158	9 567	15 884	18 406	24 574	25 301	..
Viet Nam	10	499	476	1 644	2 879	4 478	3 900	4 457	..
Other Asia	108	179	185	562	696	331	464	494	..
Asia excluding China	20 157	31 419	48 607	90 257	109 004	119 002	125 659	129 090	..
People's Republic of China	21 651	28 374	36 459	64 087	90 485	122 617	121 039	125 021	..
Hong Kong, China	738	757	1 091	1 637	637	675	639	628	..
China	**22 389**	**29 131**	**37 550**	**65 724**	**91 122**	**123 292**	**121 678**	**125 649**	**..**
Argentina	4 685	4 455	2 784	6 998	7 644	7 507	7 598	7 595	..
Bolivia	166	165	135	156	112	116	152	154	..
Brazil	11 254	19 692	16 985	26 935	23 865	28 259	28 709	28 529	..
Colombia	1 446	1 321	1 515	3 334	2 830	1 666	893	1 211	..
Costa Rica	131	193	225	342	304	275	292	290	..
Cuba	2 633	3 526	3 623	3 462	2 075	3 563	2 768	2 805	..
Curaçao[1]	1 661	409	212	292	311	332	229	234	..
Dominican Republic	285	388	364	636	632	601	499	402	..
Ecuador	179	775	1 073	1 617	1 972	2 012	2 056	2 118	..
El Salvador	184	211	212	366	402	286	223	246	..
Guatemala	222	244	243	440	577	494	839	1 806	..
Haiti	51	67	56	91	126	169	153	215	..
Honduras	110	171	239	226	182	268	531	126	..
Jamaica	1 236	1 285	1 184	616	1 009	543	804	772	..
Nicaragua	86	86	120	152	252	186	192	214	..
Panama	133	193	142	274	642	627	860	870	..
Paraguay	38	43	59	88	79	57	48	56	..
Peru	1 330	1 746	1 185	1 868	1 795	1 452	1 588	1 397	..
Suriname	..	..	..	218	22	23	20	23	..
Trinidad and Tobago	60	199	103	101	305	207	195	192	..
Uruguay	468	499	239	273	207	227	310	319	..
Venezuela	1 701	2 401	2 987	4 914	5 150	9 045	8 944	8 411	..
Other Non-OECD Americas	42	74	207	343	265	257	247	253	..
Non-OECD Americas	**28 101**	**38 143**	**33 892**	**53 742**	**50 758**	**58 172**	**58 150**	**58 238**	**..**
Bahrain	-	24	18	196	646	542	612	555	..
Islamic Republic of Iran	4 849	7 539	12 502	12 673	15 310	15 507	13 051	15 856	..
Iraq	512	1 655	3 019	3 212	3 130	2 712	4 019	3 234	..
Jordan	96	274	548	833	1 106	860	447	396	..
Kuwait	134	822	493	1 257	2 466	3 836	3 494	3 470	..
Lebanon	494	-	105	294	454	150	176	193	..
Oman	9	67	527	968	1 353	916	1 189	1 549	..
Qatar	-	-	379	524	1 157	2 442	2 489	2 905	..
Saudi Arabia	1 179	12 578	10 539	20 679	27 475	37 133	39 880	42 895	..
Syrian Arab Republic	444	1 801	1 394	1 600	2 165	2 450	1 388	1 291	..
United Arab Emirates	-	810	2 395	2 126	1 941	2 394	2 577	2 599	..
Yemen	-	-	68	416	959	913	939	868	..
Middle East	**7 717**	**25 570**	**31 987**	**44 778**	**58 162**	**69 855**	**70 261**	**75 811**	**..**

Includes non-energy use for industry/transformation/energy.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Industry consumption of natural gas

Unit: TJ-gross	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**17 434 087**	**21 364 800**	**20 922 389**	**24 642 828**	**25 449 194**	**29 756 616**	**32 998 738**	**32 976 501**	**..**
Non-OECD Total	**5 520 969**	**8 888 938**	**8 769 646**	**9 437 181**	**12 573 547**	**16 709 860**	**19 141 266**	**19 046 290**	**..**
OECD Total[1]	**11 913 118**	**12 475 862**	**12 152 743**	**15 205 647**	**12 875 647**	**13 046 756**	**13 857 472**	**13 930 211**	**..**
Canada	552 260	862 427	941 462	1 088 805	801 178	730 528	847 045	850 270	..
Chile	80	352	34 656	138 841	141 354	84 893	39 865	29 517	..
Mexico	319 878	575 428	609 482	556 706	495 039	555 855	647 953	587 020	..
United States[2]	8 245 986	7 051 141	5 759 491	7 226 818	5 189 993	5 660 485	6 022 949	6 303 797	..
OECD Americas	**9 118 204**	**8 489 348**	**7 345 091**	**9 011 170**	**6 627 564**	**7 031 761**	**7 557 812**	**7 770 604**	**..**
Australia	69 476	173 739	280 299	346 935	383 557	378 625	395 497	401 425	..
Israel	2 097	6 035	1 308	225	-	2 925	17 816	23 359	..
Japan	76 132	99 443	185 996	369 728	530 193	665 679	673 285	667 699	..
Korea	-	-	3 391	134 005	193 894	329 932	456 044	410 590	..
New Zealand	1 507	12 005	71 123	124 442	45 637	68 327	89 507	123 174	..
OECD Asia Oceania	**149 212**	**291 222**	**542 117**	**975 335**	**1 153 281**	**1 445 488**	**1 632 149**	**1 626 247**	**..**
Austria	59 869	97 849	91 863	110 893	126 966	136 566	129 527	128 452	..
Belgium	146 642	169 054	153 592	247 880	227 177	255 160	216 390	201 535	..
Czech Republic	21 356	13 088	112 444	121 028	112 496	111 257	103 285	98 881	..
Denmark	-	-	24 870	36 139	33 216	33 128	31 274	31 576	..
Estonia	..	..	17 329	10 289	13 157	5 314	9 999	4 549	..
Finland	-	18 431	42 817	39 032	35 197	33 848	30 251	29 017	..
France	263 023	438 834	516 244	682 433	535 853	484 997	598 239	506 858	..
Germany	582 284	908 025	897 913	995 827	1 010 721	1 024 567	1 004 643	988 084	..
Greece	-	-	4 496	16 977	25 760	33 839	39 939	37 770	..
Hungary	103 483	162 933	174 756	78 928	75 389	61 994	77 520	82 234	..
Iceland	-	-	-	-	-	-	-	-	..
Ireland	-	16 069	36 624	39 670	21 427	20 703	28 810	31 779	..
Italy	401 909	516 576	681 431	818 855	691 030	507 827	427 084	421 280	..
Luxembourg	6 486	11 430	12 989	12 942	14 142	13 574	12 100	10 256	..
Netherlands	378 914	391 328	408 966	390 748	361 431	335 675	313 371	303 216	..
Norway	-	-	-	27 457	32 723	31 308	35 840	36 294	..
Poland	186 216	251 301	206 111	191 498	223 846	221 004	240 609	244 667	..
Portugal	-	-	-	30 648	44 478	48 968	50 404	49 162	..
Slovak Republic	38 358	27 782	62 027	51 968	63 014	51 092	57 143	51 444	..
Slovenia	..	..	26 408	28 319	31 027	26 143	18 510	18 426	..
Spain	18 300	28 119	175 486	447 755	640 393	383 168	442 225	429 835	..
Sweden	-	-	11 762	14 075	15 743	20 004	17 410	20 052	..
Switzerland	634	16 440	19 911	34 007	37 329	41 419	43 519	44 359	..
Turkey	-	-	31 163	81 815	148 613	302 689	384 447	411 111	..
United Kingdom	438 228	628 033	556 333	709 959	573 674	385 263	354 972	352 523	..
OECD Europe[1]	**2 645 702**	**3 695 292**	**4 265 535**	**5 219 142**	**5 094 802**	**4 569 507**	**4 667 511**	**4 533 360**	**..**
IEA[1]	*11 591 063*	*11 894 047*	*11 480 889*	*14 481 556*	*12 208 227*	*12 376 940*	*13 133 328*	*13 271 889*	..
European Union - 28	..	..	*5 252 234*	*5 457 490*	*5 273 830*	*4 493 031*	*4 486 929*	*4 336 373*	..
G7	*10 559 822*	*10 504 479*	*9 538 870*	*11 892 425*	*9 332 642*	*9 459 346*	*9 928 217*	*10 090 511*	..
G8	..	..	*11 939 982*	*13 881 760*	*11 730 385*	*12 545 994*	*13 326 162*	*13 230 536*	..
G20	..	..	*16 923 016*	*19 680 807*	*18 839 076*	*21 481 830*	*23 687 767*	*23 790 041*	..
OPEC	*385 301*	*618 114*	*1 731 784*	*2 631 460*	*3 407 425*	*5 178 054*	*5 750 772*	*5 846 060*	..

Includes non-energy use for industry/transformation/energy.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.
2. For the United States, gas used by autoproducers of electricity and heat has been included in final consumption prior to 1989.

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Industry consumption of natural gas

Unit: TJ-gross	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**5 520 969**	**8 888 938**	**8 769 646**	**9 437 181**	**12 573 547**	**16 709 860**	**19 141 266**	**19 046 290**	**..**
Albania	-	-	7 610	42	-	33	260	318	..
Armenia	..	..	45 179	14 318	26 913	10 217	13 030	9 622	..
Azerbaijan	..	..	291 434	37 404	34 610	25 319	39 958	42 518	..
Belarus	..	..	136 229	84 088	114 026	130 423	122 431	119 520	..
Bosnia and Herzegovina	..	..	14 778	5 494	9 011	3 348	2 575	2 879	..
Bulgaria	-	-	119 996	70 692	63 193	41 389	44 990	46 651	..
Croatia	..	..	46 221	44 175	42 727	42 836	34 738	35 619	..
Cyprus[1]	-	-	-	-	-	-	-	-	..
FYR of Macedonia	..	..	-	325	1 498	1 815	1 126	1 333	..
Georgia	..	..	61 149	9 172	12 465	12 397	11 714	13 784	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	-	-	-	74 033	79 015	79 062	..
Kosovo	..	..	..	-	-	-	-	-	..
Kyrgyzstan	..	..	-	-	8 569	1 772	4 232	4 690	..
Latvia	..	..	20 433	9 647	13 714	11 278	6 638	5 576	..
Lithuania	..	..	71 144	34 742	40 462	38 103	49 929	54 488	..
Malta	-	-	-	-	-	-	-	-	..
Moldova	..	..	24 484	8 563	18 778	15 936	10 371	15 044	..
Montenegro	..	..	..	..	-	-	-	-	..
Romania	532 592	1 268 228	779 979	222 371	237 597	165 334	146 929	152 443	..
Russian Federation	..	..	2 401 112	1 989 335	2 397 743	3 086 648	3 397 945	3 140 025	..
Serbia	..	..	36 258	40 151	47 892	38 181	32 947	22 223	..
Tajikistan	..	..	-	-	-	-	-	-	..
Turkmenistan	..	..	14 513	12 915	16 884	30 176	43 988	46 568	..
Ukraine	..	..	1 083 706	556 003	758 287	490 893	388 236	277 989	..
Uzbekistan	..	..	-	356 408	300 348	294 812	289 706	294 855	..
Former Soviet Union	4 132 154	5 969 435	x	x	x	x	x	x	x
Former Yugoslavia	40 013	83 953	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**4 704 759**	**7 321 616**	**5 154 225**	**3 495 845**	**4 144 717**	**4 514 943**	**4 720 758**	**4 365 207**	**..**
Algeria	8 578	21 028	93 892	121 063	145 861	198 667	217 791	263 141	..
Angola	2 536	3 001	20 520	21 660	24 700	28 120	13 862	10 359	..
Benin	-	-	-	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	-	-	-	-	-	-	-	-	..
Congo	-	-	-	-	-	-	-	-	..
Côte d'Ivoire	-	-	-	-	-	8 589	11 821	11 848	..
Dem. Rep. of the Congo	-	-	-	-	-	-	-	-	..
Egypt	-	34 836	109 408	168 587	384 240	454 035	484 102	494 753	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	-	-	-	-	-	-	-	-	..
Gabon	-	28	58	56	66	87	93	95	..
Ghana	-	-	-	-	-	-	-	-	..
Kenya	-	-	-	-	-	-	-	-	..
Libya	12 000	47 000	60 000	100 000	96 516	103 012	30 586	6 714	..
Mauritius	-	-	-	-	-	-	-	-	..
Morocco	2 721	2 582	2 014	1 768	1 577	2 089	2 133	3 935	..
Mozambique	-	-	-	-	720	2 926	2 796	3 781	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	1 352	1 808	33 326	45 084	130 897	56 351	154 051	177 959	..
Senegal	-	-	-	-	-	-	-	-	..
South Africa	-	-	-	-	-	38 184	79 297	78 995	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	-	-	-	-	-	-	-	-	..
Tanzania	-	-	-	-	2 544	4 644	6 553	6 768	..
Togo	-	-	-	-	-	-	-	-	..
Tunisia	331	3 571	11 866	21 058	28 960	37 683	41 439	39 116	..
Zambia	-	-	-	-	-	-	-	-	..
Zimbabwe	-	-	-	-	-	-	-	-	..
Other Africa	-	-	-	54	44 074	41 824	37 715	42 832	..
Africa	**27 518**	**113 854**	**331 084**	**479 330**	**860 155**	**976 211**	**1 082 239**	**1 140 296**	**..**

Includes non-energy use for industry/transformation/energy.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Industry consumption of natural gas

Unit: TJ-gross	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	15 239	26 252	72 525	129 326	150 473	201 762	215 586	215 827	..
Brunei Darussalam	-	-	-	-	-	21 399	7 930	23 559	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	-	-	-	-	-	-	-	-	..
India	12 771	29 457	256 941	427 554	554 332	1 145 200	1 198 501	1 167 306	..
Indonesia	5 630	109 958	279 408	535 029	631 742	730 450	792 478	781 077	..
Malaysia	-	47	50 475	178 609	319 033	277 771	544 426	434 543	..
Mongolia	..	..	-	-	-	-	-	-	..
Myanmar	1 164	3 890	10 351	14 971	18 209	19 016	23 391	23 591	..
Nepal	-	-	-	-	-	-	-	-	..
Pakistan	78 450	120 005	197 779	301 948	475 645	495 018	444 755	441 029	..
Philippines	-	-	-	-	568	3 248	2 909	3 604	..
Singapore	-	-	-	-	18 543	44 910	52 845	52 421	..
Sri Lanka	-	-	-	-	-	-	-	-	..
Chinese Taipei	40 670	50 697	15 910	34 584	37 450	46 833	65 168	69 394	..
Thailand	-	-	6 438	51 555	84 286	145 316	215 589	226 889	..
Viet Nam	-	-	-	837	25 001	22 917	67 919	45 724	..
Other Asia	-	-	-	-	-	-	-	-	..
Asia excluding China	153 924	340 306	889 827	1 674 413	2 315 282	3 153 840	3 631 497	3 484 964	..
People's Republic of China	100 452	283 474	328 968	418 439	782 336	1 243 531	2 198 025	2 490 090	..
Hong Kong, China	105	213	583	982	898	917	1 612	1 673	..
China	**100 557**	**283 687**	**329 551**	**419 421**	**783 234**	**1 244 448**	**2 199 637**	**2 491 763**	**..**
Argentina	107 298	140 466	200 279	306 467	361 896	376 093	402 003	401 264	..
Bolivia	154	1 736	7 678	14 905	17 684	25 088	33 596	35 489	..
Brazil	4 372	34 243	103 229	202 596	351 003	472 368	465 618	457 667	..
Colombia	9 832	25 141	36 936	45 395	79 028	89 991	98 241	84 722	..
Costa Rica	-	-	-	-	-	-	-	-	..
Cuba	75	68	51	6 205	5 853	15 145	17 577	14 578	..
Curaçao[1]	-	-	-	-	-	-	-	-	..
Dominican Republic	-	-	-	-	-	1 180	3 990	3 819	..
Ecuador	-	-	-	-	-	-	1 363	1 562	..
El Salvador	-	-	-	-	-	-	-	-	..
Guatemala	-	-	-	-	-	-	-	-	..
Haiti	-	-	-	-	-	-	-	-	..
Honduras	-	-	-	-	-	-	-	-	..
Jamaica	-	-	-	-	-	-	-	-	..
Nicaragua	-	-	-	-	-	-	-	-	..
Panama	-	-	-	-	-	-	-	-	..
Paraguay	-	-	-	-	-	-	-	-	..
Peru	84	1 715	1 172	-	6 549	32 768	53 627	45 595	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	24 192	40 110	131 055	276 328	446 657	552 701	522 515	535 467	..
Uruguay	-	-	-	1 397	2 395	595	619	567	..
Venezuela	128 111	258 975	290 357	359 575	495 693	573 284	407 535	349 881	..
Other Non-OECD Americas	-	170	39	39	409	28	66	67	..
Non-OECD Americas	**274 118**	**502 624**	**770 796**	**1 212 907**	**1 767 167**	**2 139 241**	**2 006 750**	**1 930 678**	**..**
Bahrain	27 369	40 549	48 693	55 232	56 399	75 943	93 482	101 316	..
Islamic Republic of Iran	88 893	43 575	313 740	491 676	728 596	1 419 048	1 820 381	1 974 566	..
Iraq	22 990	24 339	37 620	59 850	3 293	9 280	113 216	73 556	..
Jordan	-	-	-	-	-	-	-	-	..
Kuwait	55 810	53 718	75 105	141 033	206 589	152 343	188 856	229 161	..
Lebanon	-	-	-	-	-	-	-	-	..
Oman	-	-	11 781	8 760	50 256	306 399	447 945	464 767	..
Qatar	26 777	60 609	111 809	171 122	210 390	228 636	320 496	355 042	..
Saudi Arabia	-	11 149	288 978	538 103	742 829	1 271 615	1 238 139	1 303 659	..
Syrian Arab Republic	-	-	-	107 195	82 579	80 215	33 374	30 855	..
United Arab Emirates	38 254	92 912	406 437	582 294	622 061	1 137 698	1 244 496	1 100 460	..
Yemen	-	-	-	-	-	-	-	-	..
Middle East	**260 093**	**326 851**	**1 294 163**	**2 155 265**	**2 702 992**	**4 681 177**	**5 500 385**	**5 633 382**	**..**

Includes non-energy use for industry/transformation/energy.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Industry consumption of electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**2 731 900**	**3 464 259**	**4 517 221**	**5 381 491**	**6 243 269**	**7 398 229**	**8 265 770**	**8 434 557**	**..**
Non-OECD Total	**888 718**	**1 294 720**	**1 848 341**	**2 130 119**	**3 104 528**	**4 417 619**	**5 267 545**	**5 451 111**	**..**
OECD Total[1]	**1 843 182**	**2 169 539**	**2 668 880**	**3 251 372**	**3 138 741**	**2 980 610**	**2 998 225**	**2 983 446**	**..**
Canada	105 860	135 674	167 944	203 313	210 216	175 414	180 525	180 219	..
Chile	4 757	6 414	10 152	25 683	32 571	35 853	42 634	42 260	..
Mexico	18 093	30 204	53 394	82 656	109 331	122 713	137 391	142 326	..
United States	645 799	746 136	866 542	1 142 111	898 152	826 432	846 485	821 040	..
OECD Americas	**774 509**	**918 428**	**1 098 032**	**1 453 763**	**1 250 270**	**1 160 412**	**1 207 035**	**1 185 845**	**..**
Australia	23 191	32 513	59 184	77 027	74 060	82 103	79 645	79 483	..
Israel	2 308	3 502	5 289	10 447	11 798	12 488	13 181	15 211	..
Japan	291 381	327 788	423 086	399 901	376 177	336 421	298 171	295 623	..
Korea	8 846	22 720	57 791	150 391	183 954	228 120	255 697	259 606	..
New Zealand	5 623	7 678	11 197	14 026	15 308	14 726	13 817	13 875	..
OECD Asia Oceania	**331 349**	**394 201**	**556 547**	**651 792**	**661 297**	**673 858**	**660 511**	**663 798**	**..**
Austria	12 121	14 172	17 980	20 683	24 885	25 835	26 568	26 565	..
Belgium	22 423	23 944	30 523	39 868	39 423	38 137	37 196	37 752	..
Czech Republic	18 770	22 253	26 922	18 944	23 145	22 592	23 204	23 005	..
Denmark	4 600	5 783	8 409	9 993	10 261	8 514	8 345	8 174	..
Estonia	..	..	2 730	1 833	2 168	2 095	2 156	2 117	..
Finland	18 064	22 819	32 518	42 898	43 056	40 360	38 692	38 170	..
France	83 991	95 361	114 666	134 656	139 547	117 444	111 440	111 382	..
Germany	178 328	199 547	216 479	211 590	230 561	224 530	224 269	228 773	..
Greece	7 367	10 498	12 109	13 547	14 419	14 142	11 366	12 869	..
Hungary	10 743	13 804	13 751	8 799	9 271	9 784	14 840	14 678	..
Iceland	1 500	1 978	2 559	5 240	5 889	13 498	14 678	14 682	..
Ireland	2 199	3 210	4 485	7 728	7 673	9 104	9 287	9 396	..
Italy	77 146	94 021	110 917	141 847	144 763	127 868	114 981	112 918	..
Luxembourg	2 365	2 466	2 810	3 242	3 429	3 633	3 045	3 175	..
Netherlands	22 713	28 075	33 237	40 848	41 803	39 460	34 974	33 289	..
Norway	37 186	39 932	45 810	51 566	52 025	44 544	43 342	45 334	..
Poland	38 122	52 126	42 744	40 453	41 291	41 825	47 828	48 059	..
Portugal	5 109	8 210	12 219	15 954	17 172	17 468	15 993	15 395	..
Slovak Republic	8 321	12 859	15 008	9 741	11 034	10 927	11 785	12 237	..
Slovenia	..	..	5 969	5 529	7 172	5 487	5 878	6 057	..
Spain	37 946	53 944	63 279	85 640	105 036	73 490	70 828	71 657	..
Sweden	39 543	40 571	53 955	56 938	57 558	54 386	52 014	50 730	..
Switzerland	11 062	11 899	17 237	18 079	18 897	19 268	18 767	18 019	..
Turkey	6 436	12 153	27 343	46 089	60 671	77 295	91 384	95 844	..
United Kingdom	91 269	87 285	100 642	114 112	116 025	104 654	97 819	93 526	..
OECD Europe[1]	**737 324**	**856 910**	**1 014 301**	**1 145 817**	**1 227 174**	**1 146 340**	**1 130 679**	**1 133 803**	**..**
IEA[1]	*1 816 524*	*2 127 441*	*2 591 517*	*3 121 817*	*2 971 980*	*2 790 571*	*2 784 463*	*2 762 910*	..
European Union - 28	..	..	*993 425*	*1 060 879*	*1 132 119*	*1 028 642*	*998 656*	*997 438*	..
G7	*1 473 774*	*1 685 812*	*2 000 276*	*2 347 530*	*2 115 441*	*1 912 763*	*1 873 690*	*1 843 481*	..
G8	..	..	*2 481 998*	*2 659 933*	*2 445 318*	*2 239 612*	*2 210 382*	*2 177 182*	..
G20	..	..	*3 826 173*	*4 653 153*	*5 331 394*	*6 341 522*	*7 105 951*	*7 250 369*	..
OPEC	*18 234*	*35 150*	*69 336*	*105 375*	*126 937*	*177 590*	*225 639*	*224 686*	..

2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Industry consumption of electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**888 718**	**1 294 720**	**1 848 341**	**2 130 119**	**3 104 528**	**4 417 619**	**5 267 545**	**5 451 111**	**..**
Albania	-	-	482	911	721	1 039	1 389	1 466	..
Armenia	..	..	3 316	696	953	1 047	1 209	1 479	..
Azerbaijan	..	..	7 147	729	2 895	1 758	2 996	3 161	..
Belarus	..	..	22 565	12 907	13 301	13 204	12 719	12 899	..
Bosnia and Herzegovina	..	..	6 081	1 197	2 411	3 819	4 149	3 910	..
Bulgaria	14 036	16 556	18 552	8 584	9 838	7 818	8 511	8 706	..
Croatia	..	..	5 984	2 866	3 343	3 478	3 148	3 291	..
Cyprus[1]	231	263	334	446	546	579	462	463	..
FYR of Macedonia	..	..	2 616	1 560	2 143	2 010	2 261	2 206	..
Georgia	..	..	7 577	896	737	2 137	2 327	2 817	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	63 935	21 174	44 021	40 121	44 280	45 529	..
Kosovo	..	..	..	234	331	1 153	1 255	1 311	..
Kyrgyzstan	..	..	5 104	2 798	1 933	1 764	1 464	1 175	..
Latvia	..	..	3 190	1 433	1 700	1 590	1 808	1 667	..
Lithuania	..	..	5 460	2 294	2 833	2 654	2 986	3 119	..
Malta	-	-	-	504	483	407	410	413	..
Moldova	..	..	4 494	2 823	2 565	2 804	1 492	1 577	..
Montenegro	..	..	..	..	2 607	1 853	1 326	760	..
Romania	26 710	40 262	38 553	19 909	23 684	20 381	18 823	19 855	..
Russian Federation	..	..	481 722	312 403	329 877	326 849	336 692	333 701	..
Serbia	..	..	13 819	6 331	6 054	7 287	7 079	7 156	..
Tajikistan	..	..	11 500	5 376	6 584	7 435	5 496	4 057	..
Turkmenistan	..	..	3 980	2 105	2 683	3 316	3 729	4 001	..
Ukraine	..	..	145 373	60 300	65 709	65 911	58 584	54 401	..
Uzbekistan	..	..	21 796	15 238	15 598	16 390	17 183	17 563	..
Former Soviet Union	508 900	647 100	x	x	x	x	x	x	x
Former Yugoslavia	15 749	27 000	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**565 626**	**731 181**	**873 580**	**483 714**	**543 550**	**536 804**	**541 778**	**536 683**	**..**
Algeria	944	2 838	5 989	6 907	8 855	12 700	15 670	16 020	..
Angola	172	118	157	362	611	1 578	2 389	2 757	..
Benin	21	52	87	103	118	137	157	167	..
Botswana	..	..	600	809	1 173	1 381	1 383	1 463	..
Cameroon	837	791	1 359	1 516	1 485	2 781	2 842	3 011	..
Congo	43	72	205	137	165	246	375	373	..
Côte d'Ivoire	183	454	503	948	1 267	1 068	1 755	1 738	..
Dem. Rep. of the Congo	-	2 595	1 086	1 890	3 094	3 970	3 243	4 342	..
Egypt	4 203	10 022	16 875	24 552	32 701	40 702	40 781	41 678	..
Eritrea	..	..	..	74	58	64	81	84	..
Ethiopia	359	351	487	549	945	1 395	2 032	2 241	..
Gabon	32	240	390	268	321	394	500	561	..
Ghana	3 238	3 953	3 558	4 306	2 542	3 156	4 224	5 055	..
Kenya	542	795	1 955	2 092	2 900	3 523	3 941	4 154	..
Libya	154	833	1 667	3 056	3 172	2 079	1 892	1 560	..
Mauritius	40	88	212	652	778	935	963	944	..
Morocco	1 218	2 271	4 016	6 052	7 238	8 852	10 204	10 505	..
Mozambique	236	182	177	1 541	8 398	8 574	9 295	10 651	..
Namibia	..	..	..	560	596	803	786	716	..
Niger	..	..	..	143	191	173	222	285	..
Nigeria	1 280	1 749	2 016	1 866	2 119	3 249	3 899	4 057	..
Senegal	252	359	450	291	574	696	846	887	..
South Africa	35 557	58 803	82 341	96 942	110 024	120 081	120 959	120 260	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	234	235	204	619	497	888	1 279	1 628	..
Tanzania	179	244	399	388	721	1 036	1 223	1 270	..
Togo	38	52	102	133	181	240	290	323	..
Tunisia	579	1 474	2 840	4 380	5 049	5 121	5 304	5 445	..
Zambia	4 202	4 826	4 382	4 156	5 572	4 086	6 379	6 429	..
Zimbabwe	3 407	4 820	5 654	5 313	4 644	3 112	3 115	3 388	..
Other Africa	542	1 209	1 478	2 457	2 613	3 152	5 084	5 302	..
Africa	**58 492**	**99 426**	**139 189**	**173 062**	**208 602**	**236 172**	**251 113**	**257 294**	**..**

2015 data for consumption will be released in the 2017 edition.

1. Please refer to section 'Geographical coverage'.

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Industry consumption of electricity

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	781	882	2 716	5 395	11 226	19 552	24 000	26 681	..
Brunei Darussalam	50	70	238	290	133	180	189	203	..
Cambodia	..	..	..	37	143	379	600	746	..
DPR of Korea	7 013	8 995	11 779	7 247	8 559	8 092	6 847	6 689	..
India	37 680	55 234	105 585	158 396	210 903	319 982	374 278	388 893	..
Indonesia	346	1 724	14 543	34 013	42 715	51 218	64 381	65 909	..
Malaysia	2 378	4 466	9 653	32 622	39 204	52 715	60 123	63 205	..
Mongolia	..	..	1 803	1 182	1 569	2 094	2 931	3 172	..
Myanmar	359	606	862	1 361	1 410	2 280	2 699	1 755	..
Nepal	7	55	207	522	786	1 002	1 252	1 359	..
Pakistan	3 662	4 108	10 337	14 358	20 006	21 276	24 356	25 510	..
Philippines	4 743	8 210	9 944	13 195	15 411	18 577	20 678	21 429	..
Singapore	1 349	2 453	5 505	10 658	14 098	16 819	17 769	18 555	..
Sri Lanka	497	677	910	2 202	2 446	3 148	3 590	3 758	..
Chinese Taipei	11 688	23 821	44 192	86 891	108 545	124 154	132 049	135 069	..
Thailand	3 939	6 332	17 929	40 139	56 885	63 630	68 606	73 782	..
Viet Nam	-	1 478	2 846	9 088	22 808	46 517	61 581	69 391	..
Other Asia	439	2 331	2 710	3 967	4 873	6 597	9 100	9 652	..
Asia excluding China	74 931	121 442	241 759	421 563	561 720	758 212	875 029	915 758	..
People's Republic of China	106 996	192 990	344 330	690 052	1 355 192	2 362 874	3 017 543	3 160 638	..
Hong Kong, China	2 419	4 200	6 926	4 936	4 066	3 078	3 109	3 134	..
China	**109 415**	**197 190**	**351 256**	**694 988**	**1 359 258**	**2 365 952**	**3 020 652**	**3 163 772**	**..**
Argentina	12 313	17 291	21 388	34 832	43 231	48 331	48 928	51 881	..
Bolivia	537	869	725	1 246	1 244	1 717	1 882	2 016	..
Brazil	29 514	68 220	112 339	146 730	175 371	203 350	210 160	205 932	..
Colombia	3 449	5 051	7 958	11 419	12 571	14 129	15 829	16 374	..
Costa Rica	365	700	759	1 400	1 722	1 828	1 898	1 858	..
Cuba	2 251	2 707	5 674	3 986	3 559	3 782	3 923	3 678	..
Curaçao[1]	337	369	331	480	512	542	371	365	..
Dominican Republic	675	954	616	3 906	4 431	5 451	6 494	5 373	..
Ecuador	320	1 198	1 522	2 218	3 052	7 163	8 360	8 497	..
El Salvador	352	515	569	1 716	2 116	2 231	2 197	2 231	..
Guatemala	360	822	646	1 467	2 695	3 054	3 347	3 347	..
Haiti	23	105	179	105	154	75	171	184	..
Honduras	229	388	852	891	1 209	1 267	1 787	1 548	..
Jamaica	1 507	568	208	3 763	4 712	607	992	1 101	..
Nicaragua	304	320	355	336	362	928	1 065	1 105	..
Panama	198	200	349	506	345	763	883	886	..
Paraguay	131	372	624	891	1 245	1 623	1 931	2 020	..
Peru	3 825	5 282	7 171	9 833	12 562	16 789	20 508	21 788	..
Suriname	..	..	..	638	694	811	962	946	..
Trinidad and Tobago	514	1 055	1 916	3 059	4 157	4 761	5 396	5 626	..
Uruguay	649	1 085	1 480	1 594	1 699	2 535	2 630	2 907	..
Venezuela	5 621	13 791	24 612	27 621	34 560	36 858	49 445	33 461	..
Other Non-OECD Americas	5 848	6 722	8 574	14 890	17 842	16 342	14 962	14 961	..
Non-OECD Americas	**69 322**	**128 584**	**198 847**	**273 527**	**330 045**	**374 937**	**404 121**	**388 085**	**..**
Bahrain	170	230	4 873	8 424	11 942	11 463	13 180	13 633	..
Islamic Republic of Iran	6 817	8 739	14 426	32 954	45 582	63 060	71 989	75 689	..
Iraq	1 137	3 785	9 053	12 032	4 368	6 920	9 867	10 071	..
Jordan	110	275	1 189	1 882	2 556	3 242	3 425	3 649	..
Kuwait	-	-	-	-	-	-	-	-	..
Lebanon	-	-	-	2 535	2 942	3 961	4 294	4 255	..
Oman	1	14	74	330	595	1 541	3 686	4 189	..
Qatar	-	460	600	1 624	2 832	7 773	9 944	11 568	..
Saudi Arabia	1 745	1 251	8 290	12 482	15 335	28 619	41 947	48 442	..
Syrian Arab Republic	876	1 742	4 201	6 749	8 450	11 318	6 080	5 298	..
United Arab Emirates	44	388	1 004	4 253	6 451	7 591	10 237	12 564	..
Yemen	32	13	-	-	300	54	203	161	..
Middle East	**10 932**	**16 897**	**43 710**	**83 265**	**101 353**	**145 542**	**174 852**	**189 519**	**..**

2015 data for consumption will be released in the 2017 edition.
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Consumption of oil in transport

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World[1]	**987 249**	**1 149 679**	**1 427 966**	**1 809 819**	**2 025 804**	**2 176 893**	**2 291 144**	**2 343 524**	**..**
Non-OECD Total	**164 927**	**245 732**	**351 662**	**472 198**	**590 466**	**747 153**	**873 597**	**903 079**	**..**
OECD Total[2]	**637 587**	**725 183**	**875 134**	**1 065 942**	**1 117 739**	**1 070 687**	**1 065 031**	**1 079 972**	**..**
Canada	31 361	40 195	38 047	44 619	48 262	51 655	53 552	53 828	..
Chile	1 594	1 918	2 873	5 370	5 839	6 769	7 722	7 435	..
Mexico	11 723	21 642	26 777	33 879	41 779	48 290	48 311	48 495	..
United States	377 744	390 613	450 018	542 997	567 932	524 251	525 407	538 060	..
OECD Americas	**422 422**	**454 368**	**517 715**	**626 865**	**663 812**	**630 965**	**634 992**	**647 818**	**..**
Australia	12 178	15 892	19 814	23 752	24 965	27 736	29 354	29 398	..
Israel	1 093	1 316	2 552	4 233	4 268	5 208	5 018	5 356	..
Japan	37 944	50 529	64 740	79 973	75 040	69 315	69 835	67 476	..
Korea	2 384	4 597	13 907	25 354	27 928	27 674	28 664	29 177	..
New Zealand	1 837	2 161	2 737	3 868	4 327	4 354	4 380	4 492	..
OECD Asia Oceania	**55 436**	**74 495**	**103 750**	**137 180**	**136 528**	**134 287**	**137 251**	**135 899**	**..**
Austria	3 713	3 888	4 398	5 882	7 770	7 014	7 095	6 958	..
Belgium	4 177	5 227	6 617	7 888	8 306	8 468	7 737	7 953	..
Czech Republic	2 046	2 119	2 438	4 007	5 636	5 421	5 205	5 350	..
Denmark	2 595	2 910	3 354	3 901	4 320	4 210	3 632	3 676	..
Estonia	..	..	773	534	690	723	708	712	..
Finland	2 313	2 687	3 783	3 776	4 056	4 005	3 824	3 463	..
France	23 590	29 005	37 025	42 871	42 142	39 556	38 742	38 780	..
Germany	32 743	41 808	51 820	56 320	49 851	47 536	48 874	49 574	..
Greece	1 983	3 086	4 988	6 214	7 113	7 131	5 284	5 304	..
Hungary	1 776	2 568	2 722	2 852	3 863	3 770	3 135	3 537	..
Iceland	123	152	204	204	218	273	263	264	..
Ireland	1 123	1 517	1 626	3 429	4 163	3 726	3 370	3 512	..
Italy	17 664	22 853	31 102	37 800	39 666	34 738	31 929	33 369	..
Luxembourg	222	416	849	1 562	2 308	2 092	2 073	1 977	..
Netherlands	6 220	7 284	8 507	10 418	11 176	11 012	10 261	9 506	..
Norway	2 177	2 744	3 243	3 880	4 194	4 507	4 380	4 399	..
Poland	4 859	6 744	6 321	8 950	11 180	15 156	13 764	13 943	..
Portugal	1 550	2 233	3 182	5 717	6 154	5 956	5 012	5 047	..
Slovak Republic	1 576	1 170	1 309	1 307	1 639	1 991	1 917	1 872	..
Slovenia	..	..	850	1 145	1 388	1 671	1 691	1 695	..
Spain	10 420	14 535	20 607	29 281	35 288	31 566	26 130	26 262	..
Sweden	4 977	5 514	6 525	7 033	7 427	7 018	6 304	6 398	..
Switzerland	3 278	3 412	4 764	5 415	5 386	5 557	5 522	5 459	..
Turkey	3 789	5 146	9 052	11 501	12 257	14 550	19 085	19 974	..
United Kingdom	26 815	29 302	37 610	40 010	41 208	37 788	36 851	37 271	..
OECD Europe[2]	**159 729**	**196 320**	**253 669**	**301 897**	**317 399**	**305 435**	**292 788**	**296 255**	**..**
International marine bunkers	124 586	113 934	118 592	158 724	183 398	213 251	196 522	199 763	x
International aviation bunkers	60 149	64 830	82 578	112 955	134 201	145 802	155 994	160 710	x
IEA[2]	*623 054*	*700 155*	*841 878*	*1 021 111*	*1 064 247*	*1 008 476*	*1 002 026*	*1 016 727*	..
European Union - 28	..	..	*246 774*	*289 471*	*306 366*	*292 568*	*275 348*	*278 538*	..
G7	*547 861*	*604 305*	*710 362*	*844 590*	*864 101*	*804 839*	*805 190*	*818 358*	..
G8	..	..	*780 998*	*885 393*	*909 961*	*859 030*	*862 432*	*876 448*	..
G20	..	..	*1 052 724*	*1 310 285*	*1 433 547*	*1 497 404*	*1 585 945*	*1 617 034*	..
OPEC	*14 881*	*37 923*	*61 868*	*88 061*	*113 023*	*136 196*	*150 500*	*160 220*	..

Includes non-energy use in transport.
2015 data for consumption will be released in the 2017 edition.
1. World includes International marine bunkers and International aviation bunkers.
2. Please refer to section 'Geographical coverage'.

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Consumption of oil in transport

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**164 927**	**245 732**	**351 662**	**472 198**	**590 466**	**747 153**	**873 597**	**903 079**	**..**
Albania	252	475	226	469	759	712	782	793	..
Armenia	..	..	969	187	184	189	132	255	..
Azerbaijan	..	..	1 909	776	1 320	1 637	2 403	2 489	..
Belarus	..	..	3 577	1 960	2 335	3 273	3 614	3 416	..
Bosnia and Herzegovina	..	..	706	673	739	1 087	902	951	..
Bulgaria	1 325	1 350	2 089	1 637	2 288	2 362	2 168	2 453	..
Croatia	..	..	1 183	1 419	1 771	1 891	1 814	1 795	..
Cyprus[1]	238	200	373	561	651	721	581	566	..
FYR of Macedonia	..	..	248	325	336	440	500	522	..
Georgia	..	..	1 214	312	477	715	783	841	..
Gibraltar	8	13	27	78	95	109	114	124	..
Kazakhstan	..	..	4 695	3 058	3 112	4 291	4 440	4 459	..
Kosovo	..	..	..	185	261	308	307	330	..
Kyrgyzstan	..	..	1 941	275	354	638	1 279	748	..
Latvia	..	..	1 004	705	989	1 033	906	939	..
Lithuania	..	..	1 789	1 007	1 331	1 378	1 372	1 522	..
Malta	79	86	145	147	105	174	172	174	..
Moldova	..	..	785	200	376	558	554	576	..
Montenegro	..	..	..	..	153	222	169	173	..
Romania	2 270	2 258	3 785	3 098	3 887	4 461	4 797	4 930	..
Russian Federation	..	..	70 636	40 803	45 860	54 191	57 242	58 090	..
Serbia	..	..	1 438	749	2 113	2 093	1 838	1 908	..
Tajikistan	..	..	240	14	32	79	291	495	..
Turkmenistan	..	..	1 336	1 212	1 589	2 065	2 270	2 545	..
Ukraine	..	..	17 587	6 499	7 371	8 488	8 426	7 036	..
Uzbekistan	..	..	1 876	2 305	1 827	1 752	1 409	1 329	..
Former Soviet Union	58 300	81 300	x	x	x	x	x	x	x
Former Yugoslavia	3 400	4 176	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**65 872**	**89 858**	**119 778**	**68 654**	**80 315**	**94 867**	**99 265**	**99 459**	**..**
Algeria	946	1 975	4 783	4 831	6 730	9 525	11 438	13 282	..
Angola	455	314	321	339	776	2 024	2 573	2 678	..
Benin	100	82	52	293	493	1 006	1 158	1 234	..
Botswana	..	..	210	391	486	620	680	706	..
Cameroon	203	373	554	587	666	854	980	1 038	..
Congo	113	161	162	134	227	466	601	634	..
Côte d'Ivoire	290	494	377	406	385	470	827	917	..
Dem. Rep. of the Congo	159	193	182	250	351	523	1 045	1 423	..
Egypt	1 398	2 559	5 019	9 032	9 342	13 665	12 323	11 772	..
Eritrea	..	..	..	64	56	44	53	54	..
Ethiopia	182	201	292	501	685	894	1 248	1 342	..
Gabon	12	76	102	101	116	199	265	260	..
Ghana	351	402	514	930	1 140	1 627	2 284	2 300	..
Kenya	485	608	852	850	901	1 578	1 846	2 066	..
Libya	521	1 489	1 962	3 528	4 049	5 752	5 607	5 992	..
Mauritius	53	77	140	238	271	292	345	345	..
Morocco	636	820	1 226	2 560	3 191	4 262	4 731	4 796	..
Mozambique	98	93	191	266	326	532	646	692	..
Namibia	..	..	..	343	472	541	574	606	..
Niger	..	..	..	110	127	253	349	369	..
Nigeria	1 207	4 292	3 748	6 986	9 164	8 836	7 697	6 841	..
Senegal	162	227	230	369	457	643	728	763	..
South Africa	6 183	6 555	9 355	11 405	13 979	15 523	17 796	16 956	..
South Sudan	..	..	..	..	..	..	300	310	..
Sudan[1]	773	715	1 242	832	1 547	2 780	2 583	2 491	..
Tanzania	256	219	221	459	848	1 087	1 913	1 884	..
Togo	63	100	135	137	195	506	408	419	..
Tunisia	337	558	785	1 283	1 461	1 961	1 853	2 006	..
Zambia	230	279	250	238	322	217	324	370	..
Zimbabwe	399	384	498	596	408	370	896	789	..
Other Africa	433	1 047	1 547	2 312	2 802	3 610	4 352	4 538	..
Africa	**16 045**	**24 293**	**34 950**	**50 371**	**61 973**	**80 660**	**88 423**	**89 873**	**..**

Includes non-energy use in transport.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Consumption of oil in transport

Unit: 1000 tonnes	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	74	312	523	953	1 526	1 619	1 904	2 071	..
Brunei Darussalam	27	106	177	258	303	375	423	431	..
Cambodia	..	..	..	432	486	1 016	1 157	1 257	..
DPR of Korea	635	1 756	1 484	538	412	419	456	424	..
India	6 535	11 197	17 490	29 807	35 547	59 106	68 805	71 641	..
Indonesia	2 908	5 642	10 190	19 817	22 427	32 143	41 304	42 656	..
Malaysia	1 484	2 030	4 625	10 421	13 106	14 123	18 758	20 998	..
Mongolia	..	..	440	278	329	421	592	603	..
Myanmar	412	603	423	1 104	1 461	609	1 144	2 194	..
Nepal	21	47	100	244	248	576	705	776	..
Pakistan	1 027	2 095	4 264	8 350	8 360	9 108	10 529	11 028	..
Philippines	3 179	3 375	4 430	7 936	8 114	7 673	8 266	8 620	..
Singapore	566	902	1 282	1 648	1 766	2 204	2 231	2 159	..
Sri Lanka	514	653	784	1 596	1 957	2 147	2 396	2 481	..
Chinese Taipei	1 059	2 690	6 235	10 844	12 030	11 392	11 202	11 379	..
Thailand	2 341	3 135	8 840	14 316	17 706	17 363	18 298	17 528	..
Viet Nam	920	563	1 325	3 401	6 193	9 843	9 303	10 300	..
Other Asia	671	872	895	1 126	1 352	2 721	7 533	7 982	..
Asia excluding China	22 373	35 978	63 507	113 069	133 323	172 858	205 006	214 528	..
People's Republic of China	9 663	15 147	23 736	82 564	132 365	180 827	231 808	239 278	..
Hong Kong, China	483	785	1 438	3 617	1 936	2 078	2 063	2 085	..
China	**10 146**	**15 932**	**25 174**	**86 181**	**134 301**	**182 905**	**233 871**	**241 363**	**..**
Argentina	8 340	9 909	9 071	11 193	9 871	11 467	12 236	12 498	..
Bolivia	364	672	706	913	1 030	1 433	1 820	1 944	..
Brazil	18 036	23 266	26 063	40 206	43 007	52 602	65 613	67 226	..
Colombia	2 526	3 862	5 503	6 013	6 436	6 543	8 698	9 026	..
Costa Rica	266	420	501	944	1 191	1 445	1 528	1 561	..
Cuba	1 449	1 740	1 741	743	644	433	429	436	..
Curaçao[1]	429	488	282	427	456	488	336	342	..
Dominican Republic	502	570	735	1 887	1 867	1 895	1 808	1 609	..
Ecuador	661	1 278	2 490	2 767	3 071	3 959	4 754	5 107	..
El Salvador	213	271	400	798	967	953	880	898	..
Guatemala	303	430	542	1 221	1 627	1 799	1 888	2 047	..
Haiti	56	96	135	224	366	340	284	369	..
Honduras	169	195	330	669	712	947	1 048	1 096	..
Jamaica	526	276	346	617	705	593	529	555	..
Nicaragua	261	280	235	463	465	513	554	607	..
Panama	286	332	404	738	909	1 116	1 158	1 224	..
Paraguay	155	344	514	887	965	1 366	1 457	1 530	..
Peru	1 994	1 955	2 264	3 064	3 173	4 912	5 641	5 637	..
Suriname	..	..	..	92	160	206	197	213	..
Trinidad and Tobago	357	449	431	521	683	1 014	1 018	1 014	..
Uruguay	573	530	483	779	742	1 012	1 130	1 130	..
Venezuela	4 453	8 256	8 725	10 375	12 836	14 727	13 512	15 286	..
Other Non-OECD Americas	139	328	598	1 292	1 359	1 610	1 880	1 921	..
Non-OECD Americas	**42 058**	**55 947**	**62 499**	**86 833**	**93 242**	**111 373**	**128 398**	**133 276**	**..**
Bahrain	73	199	319	490	795	1 001	1 051	1 083	..
Islamic Republic of Iran	3 273	6 763	12 394	24 170	32 815	33 191	35 940	39 779	..
Iraq	932	3 104	6 894	8 345	8 253	8 873	11 219	9 201	..
Jordan	226	527	882	1 165	1 568	1 699	2 305	2 282	..
Kuwait	703	1 697	911	1 932	2 611	3 992	4 098	4 189	..
Lebanon	517	597	600	1 287	1 301	1 627	1 631	1 756	..
Oman	37	205	540	842	1 178	2 603	3 782	3 969	..
Qatar	106	332	469	769	1 497	3 309	3 701	4 468	..
Saudi Arabia	1 380	6 227	15 616	19 327	24 026	33 428	39 522	41 658	..
Syrian Arab Republic	548	1 147	2 297	2 666	4 287	3 906	2 298	2 102	..
United Arab Emirates	244	2 196	3 555	4 692	7 195	8 580	10 439	11 739	..
Yemen	394	730	1 277	1 405	1 786	2 281	2 648	2 354	..
Middle East	**8 433**	**23 724**	**45 754**	**67 090**	**87 312**	**104 490**	**118 634**	**124 580**	**..**

Includes non-energy use in transport.
2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Consumption of electricity in transport

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
World	**123 205**	**161 216**	**244 723**	**218 228**	**250 647**	**274 270**	**300 551**	**302 733**	**..**
Non-OECD Total	**61 538**	**90 686**	**154 802**	**111 826**	**145 039**	**172 453**	**195 147**	**198 327**	**..**
OECD Total[1]	**61 667**	**70 530**	**89 921**	**106 402**	**105 608**	**101 817**	**105 404**	**104 406**	**..**
Canada	3 236	2 284	3 269	4 523	4 256	3 770	4 705	4 925	..
Chile	193	198	212	220	252	432	511	1 036	..
Mexico	356	434	804	1 100	1 092	1 191	1 130	1 130	..
United States	4 286	3 097	4 127	4 420	6 216	6 417	7 234	7 605	..
OECD Americas	**8 071**	**6 013**	**8 412**	**10 263**	**11 816**	**11 810**	**13 580**	**14 696**	**..**
Australia	658	892	1 808	2 335	3 456	3 669	4 774	4 770	..
Israel	-	-	-	-	-	-	-	-	..
Japan	13 233	15 227	16 366	18 159	19 057	18 764	17 861	17 826	..
Korea	128	398	1 012	2 037	2 601	2 191	2 168	2 003	..
New Zealand	39	30	56	67	63	62	62	62	..
OECD Asia Oceania	**14 058**	**16 547**	**19 242**	**22 598**	**25 177**	**24 686**	**24 865**	**24 661**	**..**
Austria	1 752	2 277	2 770	3 462	3 434	3 429	3 073	3 017	..
Belgium	817	965	1 249	1 443	1 695	1 736	1 686	1 593	..
Czech Republic	1 891	2 292	3 167	2 335	2 181	1 548	1 615	1 581	..
Denmark	107	140	204	348	375	404	386	385	..
Estonia	..	..	348	91	103	89	63	50	..
Finland	59	220	425	538	648	740	733	722	..
France	6 399	6 915	8 880	11 681	12 222	12 533	12 780	12 473	..
Germany	9 858	11 979	13 668	15 910	13 168	12 119	11 985	11 594	..
Greece	47	96	125	227	199	183	267	343	..
Hungary	793	1 081	1 186	1 015	1 096	1 106	1 227	1 146	..
Iceland	-	-	-	-	-	-	2	4	..
Ireland	-	-	16	26	59	46	42	39	..
Italy	3 784	4 797	6 725	8 514	9 918	10 666	10 775	10 463	..
Luxembourg	33	44	55	60	94	120	129	123	..
Netherlands	895	978	1 273	1 639	1 618	1 756	1 750	1 716	..
Norway	521	683	652	624	601	690	730	762	..
Poland	3 461	4 820	5 481	4 653	3 989	3 338	3 156	3 007	..
Portugal	218	246	310	360	472	475	301	302	..
Slovak Republic	633	978	1 164	965	572	538	567	574	..
Slovenia	..	..	224	265	198	173	154	136	..
Spain	1 453	1 912	3 669	4 163	5 363	3 222	4 552	4 159	..
Sweden	2 077	2 270	2 474	3 194	2 818	2 404	2 750	2 615	..
Switzerland	2 027	2 088	2 574	2 640	2 983	3 164	3 142	3 069	..
Turkey	100	149	345	765	750	591	826	916	..
United Kingdom	2 613	3 040	5 283	8 623	4 059	4 251	4 268	4 260	..
OECD Europe[1]	**39 538**	**47 970**	**62 267**	**73 541**	**68 615**	**65 321**	**66 959**	**65 049**	**..**
IEA[1]	*61 118*	*69 898*	*88 681*	*104 817*	*104 066*	*100 021*	*103 607*	*102 100*	..
European Union - 28	..	..	*63 451*	*72 362*	*66 903*	*63 099*	*64 098*	*62 077*	..
G7	*43 409*	*47 339*	*58 318*	*71 830*	*68 896*	*68 520*	*69 608*	*69 146*	..
G8	..	..	*162 086*	*132 746*	*152 066*	*153 804*	*160 167*	*159 402*	..
G20	..	..	*210 464*	*196 888*	*224 884*	*244 010*	*272 742*	*275 170*	..
OPEC	*28*	*16*	*552*	*630*	*847*	*1 218*	*1 400*	*1 488*	..

2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Consumption of electricity in transport

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Non-OECD Total	**61 538**	**90 686**	**154 802**	**111 826**	**145 039**	**172 453**	**195 147**	**198 327**	**..**
Albania	-	-	-	-	12	-	-	-	..
Armenia	..	..	386	123	125	119	124	115	..
Azerbaijan	..	..	807	537	587	545	531	536	..
Belarus	..	..	2 954	1 840	2 006	1 613	1 304	1 280	..
Bosnia and Herzegovina	..	..	-	-	-	136	84	80	..
Bulgaria	-	1 032	1 305	519	500	399	277	306	..
Croatia	..	..	369	244	261	267	238	231	..
Cyprus[1]	38	5	-	-	-	-	-	-	..
FYR of Macedonia	..	..	28	24	24	20	17	19	..
Georgia	..	..	1 081	453	357	546	282	267	..
Gibraltar	-	-	-	-	-	-	-	-	..
Kazakhstan	..	..	6 469	1 510	3 448	3 124	2 960	2 511	..
Kosovo	..	..	..	-	-	-	-	-	..
Kyrgyzstan	..	..	144	118	-	-	41	232	..
Latvia	..	..	255	152	148	126	124	117	..
Lithuania	..	..	212	76	103	76	74	63	..
Malta	-	-	-	-	-	-	-	-	..
Moldova	..	..	86	91	83	46	59	47	..
Montenegro	..	..	..	..	23	22	34	32	..
Romania	-	1 924	2 614	1 859	1 610	1 355	1 126	1 062	..
Russian Federation	..	..	103 768	60 916	83 170	85 284	90 559	90 256	..
Serbia	..	..	456	250	246	224	478	336	..
Tajikistan	..	..	200	43	23	30	38	41	..
Turkmenistan	..	..	1 040	150	192	238	268	288	..
Ukraine	..	..	14 475	9 236	9 483	8 972	8 690	8 072	..
Uzbekistan	..	..	1 240	1 309	1 339	1 407	1 476	1 509	..
Former Soviet Union	53 800	76 000	x	x	x	x	x	x	x
Former Yugoslavia	717	899	x	x	x	x	x	x	x
Non-OECD Europe and Eurasia	**54 555**	**79 860**	**137 889**	**79 450**	**103 740**	**104 549**	**108 784**	**107 400**	**..**
Algeria	28	16	275	354	474	634	796	867	..
Angola	-	-	-	-	-	-	-	-	..
Benin	-	-	-	-	-	-	-	-	..
Botswana	..	..	-	-	-	-	-	-	..
Cameroon	-	-	-	-	-	-	-	-	..
Congo	-	-	-	-	-	-	-	-	..
Côte d'Ivoire	-	-	-	-	-	-	-	-	..
Dem. Rep. of the Congo	-	-	-	-	-	-	-	-	..
Egypt	-	-	-	-	-	-	517	528	..
Eritrea	..	..	..	-	-	-	-	-	..
Ethiopia	-	-	-	-	-	-	-	-	..
Gabon	-	-	-	4	5	6	7	8	..
Ghana	-	-	-	-	-	-	-	-	..
Kenya	-	-	-	-	-	-	-	-	..
Libya	-	-	-	-	-	-	-	-	..
Mauritius	-	-	-	-	-	-	-	-	..
Morocco	85	107	201	209	213	281	322	332	..
Mozambique	-	-	-	-	-	-	-	-	..
Namibia	..	..	..	-	-	-	-	-	..
Niger	..	..	..	-	-	-	-	-	..
Nigeria	-	-	-	-	-	-	-	-	..
Senegal	-	-	-	-	-	-	-	-	..
South Africa	2 896	4 323	3 958	5 380	5 444	3 591	3 798	3 773	..
South Sudan	..	..	..	..	..	..	-	-	..
Sudan[1]	-	-	-	-	-	-	-	-	..
Tanzania	-	-	-	-	-	-	-	-	..
Togo	-	-	-	-	-	-	-	-	..
Tunisia	-	52	103	190	237	78	93	93	..
Zambia	-	-	10	13	6	21	28	31	..
Zimbabwe	-	-	-	-	-	-	-	-	..
Other Africa	-	-	-	7	9	11	15	16	..
Africa	**3 009**	**4 498**	**4 547**	**6 157**	**6 388**	**4 622**	**5 576**	**5 648**	**..**

2015 data for consumption will be released in the 2017 edition.

1. Please refer to section 'Geographical coverage'.

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Consumption of electricity in transport

Unit: GWh	1973	1980	1990	2000	2005	2010	2013	2014	2015p
Bangladesh	-	-	-	-	-	-	-	-	..
Brunei Darussalam	-	-	-	-	-	-	-	-	..
Cambodia	..	..	..	-	-	-	-	-	..
DPR of Korea	-	-	-	-	-	-	-	-	..
India	1 531	2 266	4 112	8 213	9 944	13 323	15 447	16 794	..
Indonesia	-	-	-	-	-	-	-	-	..
Malaysia	-	-	-	51	63	209	242	256	..
Mongolia	..	..	-	-	-	-	-	-	..
Myanmar	-	-	-	-	-	-	-	-	..
Nepal	-	1	2	6	6	6	6	7	..
Pakistan	28	33	38	13	13	1	-	-	..
Philippines	-	-	-	55	91	111	112	111	..
Singapore	-	-	186	291	1 200	2 099	2 369	2 441	..
Sri Lanka	-	-	-	-	-	-	-	-	..
Chinese Taipei	4	214	203	455	523	1 164	1 279	1 321	..
Thailand	-	-	-	39	56	74	164	166	..
Viet Nam	-	-	-	-	-	-	-	-	..
Other Asia	-	-	-	-	-	-	-	-	..
Asia excluding China	1 563	2 514	4 541	9 123	11 896	16 987	19 619	21 096	..
People's Republic of China	1 469	2 650	5 936	14 905	20 199	39 789	56 925	59 706	..
Hong Kong, China	-	-	-	-	-	-	-	-	..
China	**1 469**	**2 650**	**5 936**	**14 905**	**20 199**	**39 789**	**56 925**	**59 706**	**..**
Argentina	292	267	314	523	608	669	621	595	..
Bolivia	-	-	-	-	-	-	-	-	..
Brazil	601	823	1 194	1 250	1 188	1 662	2 596	2 794	..
Colombia	-	-	-	45	43	62	77	77	..
Costa Rica	11	8	15	-	-	-	-	-	..
Cuba	38	66	89	97	103	251	296	302	..
Curaçao[1]	-	-	-	-	-	-	-	-	..
Dominican Republic	-	-	-	-	-	27	46	51	..
Ecuador	-	-	-	10	10	10	10	10	..
El Salvador	-	-	-	-	-	-	-	-	..
Guatemala	-	-	-	-	-	-	-	-	..
Haiti	-	-	-	-	-	-	-	-	..
Honduras	-	-	-	-	-	-	-	-	..
Jamaica	-	-	-	-	-	-	-	-	..
Nicaragua	-	-	-	-	-	-	-	-	..
Panama	-	-	-	-	-	-	-	-	..
Paraguay	-	-	-	-	-	-	-	-	..
Peru	-	-	-	-	-	2 715	3	37	..
Suriname	..	..	..	-	-	-	-	-	..
Trinidad and Tobago	-	-	-	-	-	-	-	-	..
Uruguay	-	-	-	-	-	-	-	-	..
Venezuela	-	-	277	253	255	275	308	248	..
Other Non-OECD Americas	-	-	-	-	501	536	-	-	..
Non-OECD Americas	**942**	**1 164**	**1 889**	**2 178**	**2 708**	**6 207**	**3 957**	**4 114**	**..**
Bahrain	-	-	-	-	-	-	-	-	..
Islamic Republic of Iran	-	-	-	13	108	299	286	363	..
Iraq	-	-	-	-	-	-	-	-	..
Jordan	-	-	-	-	-	-	-	-	..
Kuwait	-	-	-	-	-	-	-	-	..
Lebanon	-	-	-	-	-	-	-	-	..
Oman	-	-	-	-	-	-	-	-	..
Qatar	-	-	-	-	-	-	-	-	..
Saudi Arabia	-	-	-	-	-	-	-	-	..
Syrian Arab Republic	-	-	-	-	-	-	-	-	..
United Arab Emirates	-	-	-	-	-	-	-	-	..
Yemen	-	-	-	-	-	-	-	-	..
Middle East	**-**	**-**	**-**	**13**	**108**	**299**	**286**	**363**	**..**

2015 data for consumption will be released in the 2017 edition.
1. Please refer to section 'Geographical coverage'.

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Energy Data Manager/Statistician

Possible Staff Vacancies

International Energy Agency, Paris, France

The IEA

The International Energy Agency, based in Paris, acts as energy policy advisor to 29 member countries in their effort to ensure reliable, affordable and clean energy for their citizens. Founded during the oil crisis of 1973-74, the initial role of the IEA was to co-ordinate measures in times of oil supply emergencies. As energy markets have changed, so has the IEA. Its mandate has broadened to incorporate the "Three E's" of balanced energy policy making: energy security, economic development and environmental protection. Current work focuses on climate change policies, market reform, energy technology collaboration and outreach to the rest of the world, especially major consumers and producers of energy like China, India, Russia and the OPEC countries.

The Energy Data Centre, with a staff of around 30 people, provides a dynamic environment for young people just finishing their studies or with one to two years of work experience.

Job description

The data managers/statisticians compile, verify and disseminate information on all aspects of energy including production, transformation and consumption of all fuels, energy efficiency indicators, CO_2 emissions, and energy prices and taxes. The data managers are responsible for the production of data sets through receiving, reviewing and inputting data submissions from member countries and other sources. They check for completeness, correct calculations, internal consistency, accuracy and consistency with definitions. Often this entails proactively investigating and helping to resolve anomalies in collaboration with national administrations. The data managers/statisticians also design and implement computer macros used in the preparation of their energy statistics publication(s) alongside analysis of the data.

Principal qualifications

- University degree in a topic relevant to energy, or statistics. We currently have staff with degrees in Mathematics, Statistics, Information Technology, Economics, Engineering, Physics, Environmental Studies, etc.
- Experience in the basic use of databases and computer software. Experience in Visual Basic is an advantage.
- Ability to work accurately, pay attention to detail and work to deadlines. Ability to deal simultaneously with a wide variety of tasks and to organise work efficiently.
- Good communication skills; ability to work well in a team and in a multicultural environment, particularly in liaising with contacts in national administrations and industry. Ability to understand, and communicate data.
- Very good knowledge of one of the two official languages of the Organisation (English or French). Knowledge of other languages would be an advantage.
- Some knowledge of energy industry operations and terminology would also be an advantage, but is not required.

Nationals of any OECD member country are eligible for appointment. Basic salaries start at 3 284 euros per month. The possibilities for advancement are good for candidates with appropriate qualifications and experience. Tentative enquiries about future vacancies are welcomed from men and women with relevant qualifications and experience. Applications in French or English, accompanied by a curriculum vitae, should be sent to:

Office of Management and Administration
International Energy Agency
31-35 rue de la Fédération
75739 Paris Cedex 15, France

Online Data Services

Users can instantly access not only all the data published in this book, but also all the time series used for preparing this publication and all the other statistics publications of the IEA. The data are available online, either through annual subscription or pay-per-view access. More information on this service can be found on our website: *http://data.iea.org*

Eight Annual Publications

World Energy Statistics 2016

A new publication from the IEA presenting comprehensive world energy statistics, previously presented in *Energy Statistics of OECD Countries* and *Energy Statistics of Non-OECD Countries, World Energy Statistics* contains detailed data on all energy sources – coal, gas, oil, electricity, renewables and waste. It covers energy supply and consumption for 150 countries and regions, including all OECD countries, over 100 other key energy producing and consuming countries, as well as world and regional totals. The book includes detailed tables by country in original units for the year 2014, and summary time series on production, trade, and final consumption by sector. It also presents provisional 2015 supply data for OECD countries, and initial 2015 estimates for non-OECD countries' production and trade of natural gas, primary coal and oil.

Published August 2016 - Price €120

World Energy Balances 2016

A new release from the IEA presenting comprehensive energy balances for all the world's largest energy producing and consuming countries, *World Energy Balances* is formed by merging *Energy Balances of OECD Countries* and *Energy Balances of Non-OECD Countries*, previously published separately. The volume contains detailed data on the supply and consumption of energy for all OECD countries, over 100 other key energy producing and consuming countries, as well as world and regional totals. The book includes graphs and detailed data by country for all energy sources – coal, gas, oil, electricity, renewables and waste - expressed in balance format, for the year 2014. Alongside this, there are summary time series on production, trade, final consumption by sector, as well as key energy and economic indicators. The volume also presents provisional 2015 supply data for OECD countries, and initial 2015 estimates for non-OECD countries' production and trade of natural gas, primary coal and oil.

Published August 2016 - Price €120

Coal Information 2016

Coal Information provides a comprehensive review of historical and current market trends in the world coal sector, including 2015 provisional data. It provides a review of the world coal market in 2015, alongside a statistical overview of developments, which covers world coal production and coal reserves, coal demand by type, coal trade and coal prices. A detailed and comprehensive statistical picture of historical and current coal developments in the 34 OECD member countries, by region and individually is presented in tables and charts. Complete coal balances and coal trade data for selected years are presented on 22 major non-OECD coal-producing and -consuming countries, with summary statistics on coal supply and end-use statistics for about 40 countries and regions worldwide.

Published August 2016 - Price €165

Electricity Information 2016

Electricity Information provides a comprehensive review of historical and current market trends in the OECD electricity sector, including 2015 provisional data. It provides an overview of the world electricity developments in 2014 covering world electricity and heat production, input fuel mix, supply and consumption, and electricity imports and exports. More detail is provided for the 34 OECD countries with information covering production, installed capacity, input energy mix to electricity and heat production, consumption, electricity trades, input fuel prices and end-user electricity prices. It provides comprehensive statistical details on overall energy consumption, economic indicators, electricity and heat production by energy form and plant type, electricity imports and exports, sectoral energy and electricity consumption, as well as prices for electricity and electricity input fuels for each country and regional aggregate.

Published August 2016 - Price €150

Natural Gas Information 2016

Natural Gas Information is a detailed reference work on gas supply and demand covering not only the OECD countries but also the rest of the world; this publication contains essential information on LNG and pipeline trade, gas reserves, storage capacity and prices. The main part of the book concentrates on OECD countries, showing a detailed supply and demand balance for each country and for the three OECD regions: Americas, Asia-Oceania and Europe, as well as a breakdown of gas consumption by end user. Import and export data are reported by source and destination.

Published August 2016 - Price €165

Oil Information 2016

Oil Information is a comprehensive reference book on current developments in oil supply and demand. This publication contains key data on world production, trade, prices and consumption of major oil product groups, with time series back to the early 1970s. Its core consists of a detailed and comprehensive picture of oil supply, demand, trade, production and consumption by end-user for each OECD country individually and for the OECD regions. Trade data are reported extensively by origin and destination.

Published August 2016 - Price €165

Renewables Information 2016

Renewables Information provides a comprehensive review of historical and current market trends in OECD countries, including 2015 provisional data. It provides an overview of the development of renewables and waste in the world over the 1990 to 2014 period. A greater focus is given to the OECD countries with a review of electricity generation and capacity from renewable and waste energy sources, including detailed tables. However, an overview of developments in the world and OECD renewable and waste market is also presented. The publication encompasses energy indicators, generating capacity, electricity and heat production from renewable and waste sources, as well as production and consumption of renewables and waste.

Published August 2016 - Price €110

CO_2 Emissions from Fuel Combustion 2016

In recognition of the fundamental importance of understanding energy related environmental issues, the IEA's *CO_2 Emissions from Fuel Combustion* provides a full analysis of emissions stemming from energy use. This annual publication has become an essential tool for analysts and policy makers in many international fora such as the Conference of the Parties, which will be meeting in Marrakesh, Morocco, from 7 to 18 November 2016. The data in this book are designed to assist in understanding the evolution of the emissions of CO_2 from 1971 to 2014 for 150 countries and regions by sector and by fuel. Emissions were calculated using IEA energy databases and the default methods and emission factors from the *2006 IPCC Guidelines for National Greenhouse Gas Inventories*.

Published November 2016 - Price €165

Two Quarterlies

Oil, Gas, Coal and Electricity, Quarterly Statistics

This publication provides up-to-date, detailed quarterly statistics on oil, coal, natural gas and electricity for OECD countries. Oil statistics cover production, trade, refinery intake and output, stock changes and consumption for crude oil, NGL and nine selected oil product groups. Statistics for electricity, natural gas and coal show supply and trade. Import and export data are reported by origin and destination. The gas trade data from 1st quarter 2011 onwards corresponds to physical flows (entries/exits). Moreover, oil as well as hard coal and brown coal production are reported on a worldwide basis.

Published Quarterly - Price €120, annual subscription €380

Energy Prices and Taxes

This publication responds to the needs of the energy industry and OECD governments for up-to-date information on prices and taxes in national and international energy markets. It contains crude oil import prices by crude stream, industry prices and consumer prices. The end-user prices for OECD member countries cover main petroleum products, gas, coal and electricity. Every issue includes full notes on sources and methods and a description of price mechanisms in each country. Time series availability varies with each data series.

Published Quarterly - Price €120, annual subscription €380

Electronic Editions

CD-ROMs and Online Data Services

To complement its publications, the Energy Data Centre produces CD-ROMs containing the complete databases which are used for preparing the statistics publications. Built-in software allows you to access and manipulate all these data in a very user-friendly manner and includes graphic facilities. These databases are also available on the internet from our online data service.

Annual CD-ROMS / Online Databases

- World Energy Statistics 2016 — Price: €800 (single user)
- World Energy Balances 2016 — Price: €800 (single user)
- **World Energy Statistics and Balances 2016** — Price: €1 400 (single user)
  (Combined subscription of the above two series)
- Coal Information 2016 — Price: €550 (single user)
- Electricity Information 2016 — Price: €550 (single user)
- Natural Gas Information 2016 — Price: €550 (single user)
- Oil Information 2016 — Price: €550 (single user)
- Renewables Information 2016 — Price: €400 (single user)
- CO_2 Emissions from Fuel Combustion 2016 — Price: €550 (single user)

Quarterly CD-ROMs / Online Databases

- Energy Prices and Taxes — Price: (four quarters) €900 (single user)

A description of these services is available on our website: ***http://data.iea.org***

Other Online Services

The Monthly Oil Data Service

The IEA *Monthly Oil Data Service* provides the detailed databases of historical and projected information which is used in preparing the IEA's monthly *Oil Market Report* (OMR). The IEA Monthly Oil Data Service comprises three packages available separately or combined as a subscriber service on the Internet. The data are available at the same time as the official release of the Oil Market Report.

The packages include:

- Supply, Demand, Balances and Stocks — Price: €6 150 (single user)
- Trade — Price: €2 050 (single user)
- Field-by-Field Supply — Price: €3 080 (single user)
- **Complete Service** — **Price: €9 200 (single user)**

A description of this service is available on our website: ***www.iea.org/statistics/mods***

The Monthly Gas Data Service

The service provides monthly natural gas data for OECD countries:

- Supply balances in terajoules and cubic metres;
- Production, trade, stock changes and levels where available, gross inland deliveries, own use and losses;
- Highly detailed trade data with about 50 import origins and export destinations;
- LNG trade detail available from January 2002,
- From 2011 onwards, transit volumes are included and trade data corresponds to entries/exits.

The databases cover the time period January 1984 to current month with a time lag of two months for the most recent data.

- Monthly Gas Data Service: Natural Gas Balances & Trade
  Historical plus 12 monthly updates Price: €800 (single user)

For more information consult: ***www.iea.org/statistics/mgds***

Moreover, the IEA statistics website contains a wealth of free statistics covering oil, natural gas, coal, electricity, renewables, energy-related CO_2 emissions and more for 150 countries and regions and historic data for the last 20 years. It also contains Sankey flows to enable users to explore visually how a country's energy balance shifts over up to 40 years, starting with production and continuing through transformation to see important changes in supply mix or share of consumption. The IEA Energy Atlas offers panoramas on every aspect of energy on a global basis and for 150 individual countries, with interactive maps and customisable charts that detail and compare a host of data based on the Agency's authoritative statistics. The website also includes free headline energy data in excel format for all OECD countries and global regions from 1971 onwards.

The IEA statistics website can be accessed at *www.iea.org/statistics/*

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statistics

A new publication from the IEA presenting comprehensive world energy statistics, previously presented in *Energy Statistics of OECD Countries* and *Energy Statistics of Non-OECD Countries*, *World Energy Statistics* contains detailed data on all energy sources – coal, gas, oil, electricity, renewables and waste. It covers energy supply and consumption for 150 countries and regions, including all OECD countries, over 100 other key energy producing and consuming countries, as well as world and regional totals. The book includes detailed tables by country in original units for the year 2014, and summary time series on production, trade, and final consumption by sector. It also presents provisional 2015 supply data for OECD countries, and initial 2015 estimates for non-OECD countries' production and trade of natural gas, primary coal and oil.

In the 2016 edition of *World Energy Balances*, data are presented as comprehensive energy balances expressed in energy units.

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