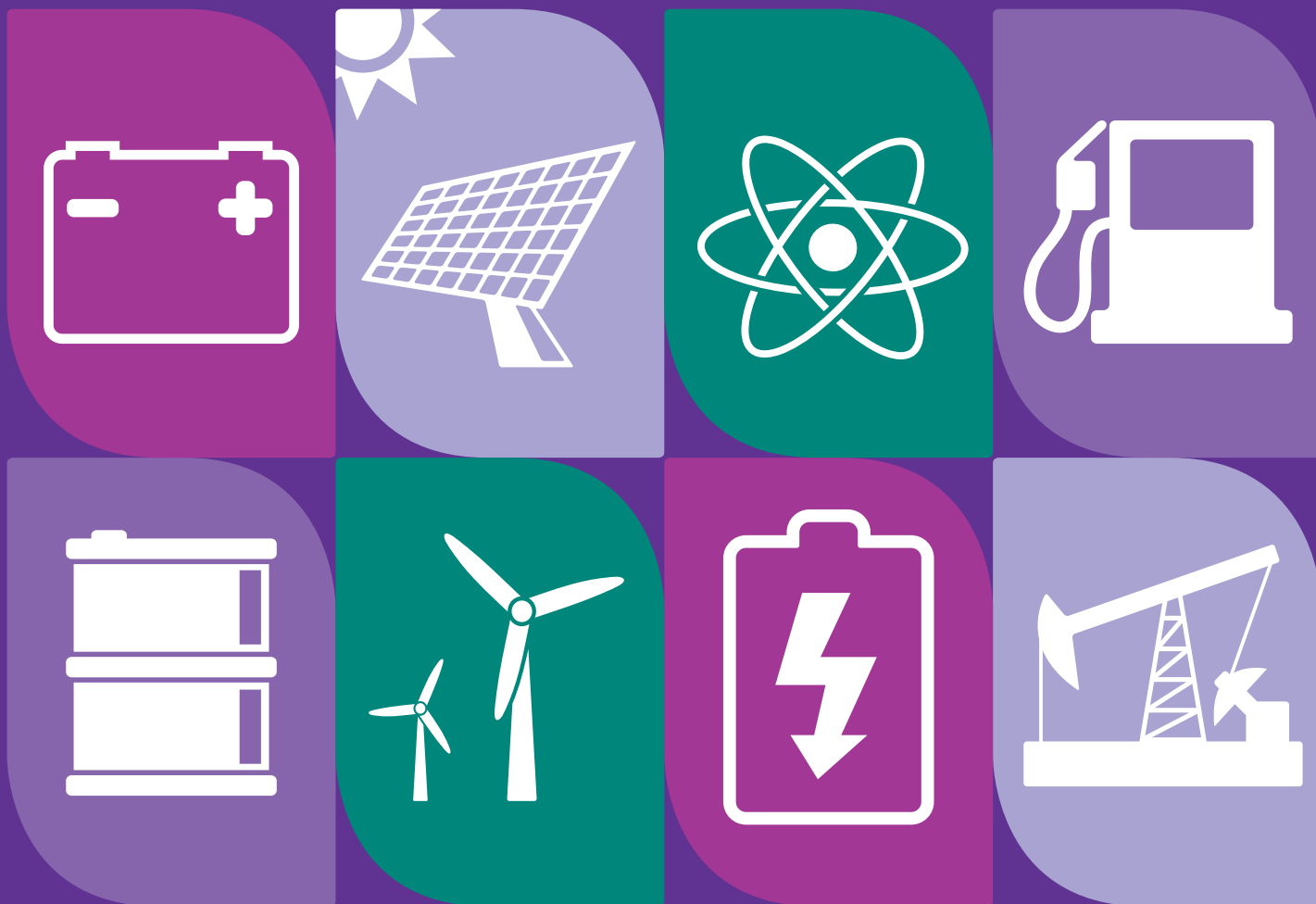


2015

Energy Statistics

Yearbook



United Nations

2015 Energy Statistics Yearbook



The Department of Economic and Social Affairs of the United Nations Secretariat is a vital interface between global policies in the economic, social and environmental spheres and national action. The Department works in three main interlinked areas: (i) it compiles, generates and analyses a wide range of economic, social and environmental data and information on which States Members of the United Nations draw to review common problems and to take stock of policy options; (ii) it facilitates the negotiations of Member States in many intergovernmental bodies on joint courses of action to address ongoing or emerging global challenges; and (iii) it advises interested Governments on the ways and means of translating policy frameworks developed in United Nations conferences and summits into programmes at the country level and, through technical assistance, helps build national capacities.

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INTRODUCTION

The *Energy Statistics Yearbook 2015* is a comprehensive collection of international energy statistics prepared by the United Nations Statistics Division. It is the fifty-ninth in a series of annual compilations which commenced under the title *World Energy Supplies in Selected Years, 1929-1950*.¹ It updates the statistical series shown in the previous issue. Supplementary series of monthly data on production of energy may be found in the *Monthly Bulletin of Statistics*.²

The principal objective of the *Yearbook* is to provide a global framework of comparable data on long-term trends in the supply of both primary and secondary forms of energy. Data for each energy product and aggregated data for the total energy supply are shown for individual countries and territories, and are summarized into regional and world totals. The data are compiled primarily from the annual energy questionnaire distributed by the United Nations Statistics Division and supplemented by official national statistical publications, as well as publications from international and regional organizations. Where official data are not available or are inconsistent, estimates are made by the Statistics Division based on governmental, professional or commercial materials. Estimates include, but are not limited to, extrapolated data based on partial year information, use of annual trends, trade data based on partner country reports, breakdowns of aggregated data and analysis of current energy events.

This issue of the *Yearbook* contains data in original and common energy units (tons of coal equivalent and joules) for the years 2012-2015.³

This publication presents energy statistics consistent with the International Recommendations for Energy Statistics (IRES), which were endorsed by the United Nations Statistical Commission in 2011. IRES contains the Standard International Energy Product Classification (SIEC), the first definitive standard classification for energy products. It has been built on a set of internationally harmonized definitions of energy products developed by the

Intersecretariat Working Group on Energy Statistics (InterEnerStat) as mandated by the United Nations Statistical Commission. The adoption of SIEC as an international standard classification for energy products represents a significant step forward for energy statistics at the international level. SIEC not only provides a unified set of product definitions, but also uses a standard coding scheme, a common hierarchy of categories, and provides links to other internationally agreed product classifications, such as the Central Product Classification (CPC) and the Harmonized Commodity Description and Coding System (HS).

Within this methodological framework:

- a) Table 1 shows a more historical perspective of total energy supply, with data for selected years going back to 1990.
- b) Table 2 provides more detail on the components of total energy supply, namely primary production (broken down by type), trade, international bunkers and stock changes. Total energy supply is also shown on a per capita basis.
- c) Table 3 provides more detail on total final consumption of energy products, broken down by consuming sector (including non-energy use), and also shows total final consumption per capita.

Prior to the 2012 edition, this publication contained a table 4 which contrasted with the first three tables of the former publication in grouping together both “commercial” and “non-commercial” energy. This distinction assumed that energy products such as biomass are not bought and sold, but rather collected and consumed with no commercial transaction. While this can often be the case, this distinction is somewhat arbitrary and not necessarily relevant for measuring national or global energy use patterns. IRES therefore makes no distinction between commercial and non-commercial energy for presentational purposes (although they may of course be collected differently), and so they are included together.

By referring to previous volumes of the publication, time series can be established from 1950 to the present for the shown products. In addition to the basic tables showing production, trade, stock changes, international bunkers, supply and consumption, information is included

¹Statistical Papers, Series J, No. 1 (United Nations publication, Sales No. 1952.XVII.3).

²Statistical Papers, Series Q, *Monthly Bulletin of Statistics*, (United Nations publication).

³ Table 1 shows data back to 1990 to give a more historical perspective.

on various other topics such as:

(a) The principal importers and exporters of hard coal, crude oil and natural gas for the years 2014 and 2015;

(b) The capacity of oil refineries and electricity generating plants by type;

(c) The ratio of crude oil and natural gas liquids reserves to crude oil and natural gas liquids production (R/P ratio);

(d) The electricity generated from different sources (including both electricity-only and combined heat and power (CHP) plants) such as from combustible fuels, nuclear, hydro, wind, and solar;

(e) The heat produced (from both heat-only and CHP plants) from combustible fuels, geothermal, solar thermal, nuclear, chemical heat, heat pumps and electric boilers, and direct use of solar thermal and geothermal.

The information contained in the *Yearbook* is also available in electronic format⁴. Requests for information should be directed to United Nations Publications at: order@un.org.

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

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

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

⁴ For details, see <http://unstats.un.org/unsd/energy/yearbook>

ABBREVIATIONS AND SYMBOLS

The following symbols and abbreviations have been used:

cSt	centistoke
m ³	cubic metre
°C	degree Celsius
GJ	gigajoule (10 ⁹ joules)
GWh	gigawatt-hour (10 ⁶ kWh)
IRES	International Recommendations for Energy Statistics
kcal	kilocalorie
kg	kilogramme
kg/cm ²	kilogramme per square centimetre
kJ	kilojoule (10 ³ joules)
kWh	kilowatt-hour
LPG	liquefied petroleum gas
mg/g	milligramme per gramme
MJ	megajoule (10 ⁶ joules)
MW	megawatt
NGL	natural gas liquids
PJ	petajoule (10 ¹⁵ joules)
t	metric ton
TCE	ton of coal equivalent
TJ	terajoule (10 ¹² joules)
*	estimate by the United Nations Statistics Division
..	data not applicable or not available

ENERGY PRODUCT DEFINITIONS

This section provides definitions of energy products utilized in the publication. These definitions correspond to SIEC and as such, some definitions have changed since the 2011 edition of the Yearbook. The nature of these definition changes is often cosmetic in nature, with wording differences outnumbering true methodological differences. However, some historical data were revised to reflect changes in definition.

Some tables may include names or concepts not included in these product definitions. See the specific table's notes for how its product definitions relate to SIEC definitions.

SOLID FOSSIL FUELS

Hard coal – Coals with a gross calorific value (moist, ash-free basis) which is not less than 24 MJ/kg or which is less than 24 MJ/kg provided that the coal has a vitrinite mean random reflectance greater than or equal to 0.6 per cent. Hard coal comprises anthracite and bituminous coals.

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

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

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

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

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

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

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

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

Oil shale – A sedimentary rock which contains organic matter in the form of kerogen. Kerogen is a waxy hydrocarbon-rich material regarded as a precursor of petroleum. Oil shale may be burned directly or processed by heating to extract shale oil. Note that this product was formerly included under Lignite by the IEA.

LIQUID FOSSIL FUELS

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

The various crude oils may be classified according to their sulphur content ("sweet" or "sour") and API gravity ("heavy" or "light"). There are no rigorous specifications for the classifications but a heavy crude oil may be assumed to have an API gravity of less than 20° and a sweet crude oil may be assumed to have less than 0.5% sulphur content. For simplicity, this publication often refers to conventional crude oil as simply crude oil.

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

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

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

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

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

Before the 2012 publication, additives and oxygenates were classified under Crude petroleum/Conventional crude oil.

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

and oil shale which are at, or can be brought to, the surface without treatment and require processing after mining (ex situ processing). Non-conventional oils may also be produced from natural gas.

The oils may be divided into two groups: (i) oils for transformation (e.g., synthetic crudes extracted from extra heavy oils, oil sands, coal and oil shale); and (ii) oils for direct use (e.g., emulsified oils such as orimulsion and GTL liquids).

Before the 2012 publication, other hydrocarbons were classified under Crude petroleum/Conventional crude oil.

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

Aviation gasoline – Gasoline prepared especially for aviation piston engines with additives which assure performance under flight conditions. Aviation gasolines are predominantly alkylates (obtained by combining C4 and C5 isoparaffins with C3, C4 and C5 olefins) with the possible addition of more aromatic components including toluene. The distillation range is 25°C to 170°C.

Motor gasoline – A mixture of some aromatics (e.g., benzene and toluene) and aliphatic hydrocarbons in the C5 to C12 range. The distillation range is 25°C to 220°C.

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

Gasoline-type jet fuel – Light hydrocarbons

for use in aviation turbine power units, distilling between 100°C and 250°C. They are obtained by blending kerosene and gasoline or naphtha in such a way that the aromatic content does not exceed 25 per cent in volume, and the vapour pressure is between 13.7 kPa and 20.6 kPa. Gasoline-type jet fuel is also known as “aviation turbine fuel”.

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

The chemical compositions of kerosenes depend on the nature of the crude oils from which they are derived and the refinery processes that they have undergone. Kerosenes obtained from crude oil by atmospheric distillation are known as straight-run kerosenes. Such streams may be treated by a variety of processes to produce kerosenes that are acceptable for blending as jet fuels.

Kerosenes are primarily used as jet fuels. They are also used as domestic heating and cooking fuels, and as solvents. Kerosenes may include components or additives derived from biomass when blended.

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

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

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

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

Fuel oil – Comprises residual fuel oil and heavy fuel oil. Residual fuel oils have a distillation range of 350°C to 650°C and a kinematic viscosity in the range 6 to 55 cSt at 100°C. Their flash point is always above 60°C and their specific gravity is above 0.95. Heavy fuel oil is a general term describing a blended product based on the residues from various refinery processes. Other names commonly used to describe fuel oil include: bunker fuel, bunker C, fuel oil No. 6, industrial fuel oil, marine fuel oil and black oil.

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

Liquefied petroleum gases (LPG) – LPG refers to liquefied propane (C₃H₈) and butane (C₄H₁₀) or mixtures of both. Commercial grades are usually mixtures of the gases with small amounts of propylene, butylene, isobutene and isobutylene stored under pressure in containers.

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

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

Ethane – A naturally straight-chain hydrocarbon (C₂H₆). Ethane is obtained at gas separation plants or from the refining of crude oil. It is a valuable feedstock for petrochemical manufacture.

Refinery gas – Includes a mixture of non-condensable gases mainly consisting of hydrogen, methane, ethane and olefins obtained during distillation of crude oil or treatment of oil products (e.g., cracking) in refineries or from nearby petrochemical plants. It is used mainly as a fuel within the refinery.

Feedstocks – This includes refinery feedstocks, i.e. oils or gases from crude oil refining or the processing of hydrocarbons in the

petrochemical industry which are destined for further processing in the refinery excluding blending. Typical feedstocks include naphthas, middle distillates, pyrolysis gasoline and heavy oils from vacuum distillation and petrochemical plants.

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

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

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

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

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

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

also be referred to as bitumen.

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

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

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

Paraffin waxes are also known as “petroleum waxes”.

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

The two most important categories are “green coke” and “calcined coke”.

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

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

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

Other oil products – Products (including

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

GASEOUS FOSSIL FUELS

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

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

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

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

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

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

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

steam.

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

Blast furnace gas – The by-product gas of blast furnace operation consisting mainly of nitrogen, carbon dioxide and carbon monoxide. The gas is recovered as it leaves the furnace. Its calorific value arises mainly from the carbon monoxide produced by the partial combustion of coke and other carbon bearing products in the blast furnace. It is used to heat blast air and as a fuel in the iron and steel industry. It may also be used by other nearby industrial plants. Note that where carbonised biomass (e.g, charcoal or animal meal) is used in blast furnaces, part of the carbon supply may be considered renewable.

Other recovered gases - Combustible gases of solid carbonaceous origin recovered from manufacturing and chemical processes not elsewhere defined. Examples of fuel gas production from metals and chemicals processing are in the production of zinc, tin, lead, ferroalloys, phosphorus and silicon carbide.

BIOFUELS AND WASTE

Fuelwood, wood residues and by-products – Fuelwood or firewood (in log, brushwood, pellet or chip form) obtained from natural or managed forests or isolated trees. Also included are wood residues used as fuel and in which the original composition of wood is retained. Charcoal and black liquor are excluded.

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

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

Animal waste – Excreta of animals, meat and fish residues which, when dry, are used directly as a fuel.

This excludes waste used in anaerobic fermentation plants. Fuel gases from these plants are included under biogases.

Vegetal waste – Refers to SIEC's 'Other vegetal materials and residues', which are solid

primary biofuels not specified elsewhere, including straw, vegetable husks, ground nut shells, pruning brushwood, olive pomace and other wastes arising from the maintenance, cropping and processing of plants.

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

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

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

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

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

Black liquor – The alkaline-spent liquor obtained from the digesters during the production of sulphate or soda pulp required for paper manufacture. The lignin contained in the liquor burns to release heat when the concentrated liquor is sprayed into a recovery furnace and heated with hot gases at 900°C. Black liquor is used as a fuel in the pulping process.

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

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

Biodiesels – Liquid biofuels derived from biomass and used in diesel engines. Biodiesels obtained by chemical modification

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

A further category of diesel fuels can be produced by a range of thermal processes (including for example gasification followed by Fischer Tropsch synthesis, pyrolysis followed by hydrogenation, or conversion of sugar to hydrocarbons using microorganisms (e.g. yeast)). A wide range of biomass feedstocks, including cellulosic materials and algal biomass could be used in such processes.

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

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

Other liquid biofuels – Includes liquid biofuels not elsewhere specified.

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

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

Biogases can also be produced from thermal processes (by gasification or pyrolysis) of biomass and are mixtures containing

hydrogen and carbon monoxide (usually known as syngas) along with other components. These gases may be further processed to modify their composition and can be further processed to produce substitute natural gas.

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

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

ELECTRICITY AND HEAT

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

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

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

Editorial note: as of the 2012 edition of the Yearbook, Table 1 changed in scope as described in the introduction. The total energy supply figure is now consistent with energy balances as defined within IRES and published in the *Energy Balances and Electricity Profiles*⁵ that are complementary to this publication. As such, see the changes in presentation for electricity from non-combustible fuels described below under General Notes.

Primary electricity refers to electrical energy from hydro, solar photovoltaics, wind, tide, wave and ocean sources.

Secondary electricity is defined as electricity derived from a product already accounted for within energy statistics. This

includes electricity generated from combustible fuels, in addition to electricity coming from solar heat, nuclear heat, geothermal heat and heat from chemical sources.

Main activity producers – These are enterprises which produce electricity or heat as their principal activity. Formerly known as public utilities, these enterprises may be privately or publicly owned companies.

Autoproducers (electricity) – These are enterprises which produce electricity but for whom the production is not their principal activity.

Autoproducers (heat) – These are enterprises which produce heat for sale but for whom the production is not their principal activity. Deliveries of fuels for heat generated by an establishment for its own purposes are classified within the part of final consumption where they are consumed, and not as transformation inputs.

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

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

In Tables 1 and 2, which follow energy balance methodology, the heat column includes primary heat from sources such as nuclear, solar thermal and geothermal which are used to generate electricity. These quantities are not taken into account in Table 34.

Uranium production – Comprises the U content of uranium ores and concentrates intended for treatment for uranium recovery.

⁵ Statistical Papers, Series W (United Nations publication).

ENERGY FLOW DEFINITIONS

Production is defined as the capture, extraction or manufacture of fuels or energy in forms which are ready for general use. In energy statistics, two types of production are distinguished, primary and secondary.

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

Secondary production is the manufacture of energy products through the process of transformation of primary fuels or energy. The quantities of secondary fuels reported as production include quantities lost through venting and flaring during and after production. In this manner, the mass, energy and carbon within the primary source(s) from which the fuels are manufactured may be balanced against the secondary fuels produced. Fuels, electricity and heat produced are usually sold but may be partly or entirely consumed by the producer (but see the definition of autoproducer heat plants for an important exception.)

When considering complete energy balances (such as in Table 1, where total energy supply is displayed), or indeed adding together a mix of primary and secondary fuels (like Table 4), the distinction between primary and secondary production is crucial. Within a complete energy balance (or a coal table showing both primary and secondary energy), only primary energy is shown to avoid double counting of quantities transformed into secondary products. For the product-specific tables however, this distinction is not necessary as double counting does not apply, and so primary and/or secondary production is included under production to give a complete idea of the “supply” of that product. See individual table notes for details.

Imports of energy products comprise all fuel and other energy products entering the national territory. Goods simply being transported through a country (goods in transit) and goods temporarily admitted are excluded but re-imports, which are domestic goods exported but subsequently

readmitted, are included. The bunkering of fuel outside the reference territory by national merchant ships and civil aircraft engaged in international travel is excluded from imports. Fuels delivered to national merchant ships and civil aircraft which are outside of the national territory and are engaged in international travel should be classified as “International Marine” or “Aviation Bunkers”, respectively, in the country where such bunkering is carried out. Note that the “country of origin” of energy products should be recorded as a country from which goods were imported.

Exports of energy products comprise all fuel and other energy products leaving the national territory with the exception that exports exclude quantities of fuels delivered for use by merchant (including passenger) ships and civil aircraft, of all nationalities, during international transport of goods and passengers. Goods simply being transported through a country (goods in transit) and goods temporarily withdrawn are excluded but re-exports, foreign goods exported in the same state as previously imported, are included. Fuels delivered to foreign merchant ships and civil aircraft engaged in international travel are classified as “International Marine” or “Aviation Bunkers”, respectively. Note that “country of destination” of energy products (that is country of the last known destination as it is known at the time of exportation) should be recorded as a country to which these products are exported to.

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

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

International Aviation Bunkers are quantities of fuels delivered to civil aircraft, of any nationality, for consumption during international flights transporting goods or passengers. International flights take place when the ports of departure and arrival are in different national territories. Fuels delivered for consumption by aircraft undertaking domestic or military flights are not included here. For the purposes of energy statistics International Aviation Bunkers are not included in exports.

Stocks – For the purposes of energy statistics, stocks are quantities of energy products that are held on the national territory and can be used to: (a) maintain service under conditions where supply and demand are variable in their timing or amount due to normal market fluctuations, or (b) supplement supply in the case of a supply disruption. Stocks used to manage a supply disruption may be called "strategic" or "emergency" stocks and are often held separately from stocks designed to meet normal market fluctuations. **Stock changes** are defined as the increase (stock build) or decrease (stock draw) in the quantity of stock over the reporting period and are thus calculated as the difference between the closing and opening stocks.

Energy supply – is defined as energy production plus imports minus exports minus international marine bunkers minus international aviation bunkers minus stock changes. Depending on the table in this Yearbook, production can refer to either primary, secondary, or both primary and secondary production (see the note under production above).

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

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

CAPACITIES AND OTHER DEFINITIONS

CAPACITIES

Refinery capacity is the theoretical maximum capacity of crude oil refineries available for operation at the end of the reference year.

Net maximum electrical capacity is the maximum active power that can be supplied continuously, with all plants running, at the point of outlet (i.e., after taking the power supplies for the station auxiliaries and allowing for the losses in those transformers considered integral to the station). This assumes no restriction of interconnection to the network. Does not include overload capacity that can only be sustained for a short period of time (e.g., internal combustion engines momentarily running above their rated capacity). The net maximum electricity-generating capacity represents the sum of all individual plants' maximum capacities available to run continuously throughout a prolonged period of operation in a day.

ENERGY RESOURCES AND RESERVES⁶

Hard Coal, Brown coal and Peat

Proved amount in place is the resource remaining in known deposits that has been carefully measured and assessed as exploitable under present and expected local economic conditions with existing available technology.

Proved recoverable reserves are the tonnage within the proved amount in place that can be recovered in the future under present and expected local economic conditions with existing available technology.

Estimated additional amount in place is the indicated and inferred tonnage additional to the proved amount in place that is of foreseeable economic interest. It includes estimates of amounts which could exist in unexplored extensions of known deposits or in undiscovered deposits in known coal-bearing areas, as well as amounts inferred through knowledge of favourable geological conditions. Speculative amounts are not included.

⁶World Energy Resources - 2016.
World Energy Council (WEC)

Crude Oil and Natural Gas Liquids

Proved recoverable reserves are the quantity within the proved amount in place that can be recovered in the future under present and expected local economic conditions with existing available technology. Proved amount in place is the resource remaining in known natural reservoirs that has been carefully measured and assessed as exploitable under present and expected local economic conditions with existing available technology.

The **ratio of crude oil reserves to production (R/P ratio)** is used to show the length of time those reserves would last in years if production continued at the then-current level and there were no further increases in the proved recoverable reserves. The ratio is calculated by dividing the proved recoverable crude oil and NGL reserves (which for the most part refer to reserves at the end of 2014) by the production. These R/P ratios should be viewed with caution. The definition used for proved recoverable reserves is very restrictive and confined to those known reserves which can be recovered with reasonable certainty under existing economic conditions. The R/P ratios, therefore, can frequently give a very pessimistic impression of the expected life of a country's reserves. In addition, for some of those countries whose R/P ratios appear very large, it can reasonably be assumed that the figures for proved recoverable reserves include some unproved reserves.

Oil Shale and Bituminous Sands

Proved recoverable reserves are the amount, expressed as tonnage of recoverable synthetic oil that has been both carefully measured and has also been assessed as exploitable under present and expected local economic conditions with existing available technology.

Natural Gas

Proved recoverable reserves are the volume within the proved amount in place that can be recovered in the future under present and expected local economic conditions with existing available technology.

Uranium

Reasonably assured resources refer to recoverable uranium that occurs in known mineral deposits of delineated size, grade and configuration such that the quantities which could be recovered within the given production cost ranges with currently proven mining and processing technology can be specified. Estimates of tonnage and grade are based on specific sample data and measurements of the deposits and on knowledge of deposit characteristics.

Inferred Resources refer to recoverable uranium (in addition to reasonably assured resources) that is inferred to occur, based on direct geological evidence, in extensions of

well-explored deposits and in deposits in which geological continuity has been established, but where specific data and measurements of the deposits and knowledge of their characteristics are considered to be inadequate to classify the resource as reasonably assured resources.

Hydropower

Gross theoretical capability is the annual energy potentially available in the country if all natural flows were turbinized down to sea level or to the water level of the border of the country (if the water course extends into another country) with 100% efficiency from the machinery and driving water-works. Unless otherwise stated, the figures have been estimated on the basis of atmospheric precipitation and water runoff.

GENERAL NOTES

Calculation of primary energy equivalent for electricity and heat

As mentioned previously, the publication now treats electricity and heat consistently with IRES energy balances. Notably, this leads to the following notional efficiencies applying to electricity and heat generation (to back calculate the primary energy):

- 100% for electricity from hydro, wind, tide, wave, ocean and solar PV;
- 33% for electricity from nuclear heat or solar thermal;
- 100% for solar thermal heat;
- 50% for heat produced from geothermal heat;
- 10% for electricity from geothermal heat.

Consumption

Consumption throughout the *Yearbook* is defined consistently with the definition of final consumption in IRES, namely the sum of flows reflecting energy consumption by energy consumers, as well as non-energy use of energy products. As such, the publication should no longer have the same issues with negative consumption figures that previous versions did, when consumption was calculated based on supply flows and as such negative figures could appear for countries that exported secondary products.

Negative Supply

Negative supply can represent a residual or statistical difference between production and exports when a particular product is mainly exported, or when a transferred product is subsequently exported.

Time Period

The period to which the data refer is the calendar year, with the exception of the data of the following countries which refer to the fiscal year:

Afghanistan and Iran (Islamic Rep. of) - beginning 21 March of the year stated;

Australia, Bangladesh, Bhutan, Egypt (for the latter two, electricity only), Nepal - ending June of the year stated;

Pakistan - starting July of the year stated

India and Myanmar - beginning April of the year stated.

Trade data

Figures displayed for international trade by partner country in Tables 6, 15 and 28 are based on data from the International Energy Agency and from the United Nations Statistics Division COMTRADE (Commodity Trade Statistics). The total of all exports will likely differ from the figures given in other tables because not all of the importers are included, and also possibly because of definitional differences between data sources.

Per Capita Data

Data on a *per capita* basis use population data from the United Nations Population Division as a denominator. These indicators may sometimes show differences for certain years compared to previous versions of this publication, due to revisions made by the Population Division rather than changes to the underlying energy data.

Coverage

As Table 1 contains data back to 1990, data are included for former countries such as the Union of Soviet Socialist Republics, and older versions of countries such as Ethiopia which have since had territories split from them.

COUNTRY NOTES

Australia – Data exclude the overseas territories.

Bonaire, Sint Eustatius, Saba – Data prior to 2012 are included in Netherlands Antilles (former).

China – Data exclude Hong Kong and Macao Special Administrative Regions (Hong Kong SAR and Macao SAR) and Taiwan Province. Data for other kerosene include kerosene-type jet fuel until 2013.

China, Hong Kong SAR – Data on kerosene-type jet fuel include aviation gasoline and other kerosene.

China, Macao SAR – For confidentiality reasons, some data on coal and coal products, petroleum products and biomass are not available.

Curaçao – Data prior to 2012 are included in Netherlands Antilles (former).

Czechoslovakia – prior to 1993, refers to the former Czechoslovakia composed of Czechia and Slovakia.

Denmark – Data exclude Greenland and the Danish Faroes.

Egypt – Data for lubricants are included with other oil products for 2011-2013.

France – Data include Monaco, and exclude the following overseas departments and territories: Guadeloupe, French Guiana, Martinique, New Caledonia, French Polynesia, Reunion, Saint Barthélemy, St. Pierre and Miquelon, and Wallis and Futuna.

Gambia – Data for Other kerosene have been reclassified as kerosene-type jet fuel.

Germany – Through the accession of the **German Democratic Republic** to the **Federal Republic of Germany** with effect from 3 October 1990, the two German States united to form one sovereign state. Data for 1990 are shown separately for the former states.

Greenland – Data for kerosene-type jet fuel include other kerosene.

Indonesia – Data include Timor-Leste until 2001.

Italy – Data include San Marino and the Holy See.

Japan – Data include Okinawa.

Kuwait – The data for crude oil production include 50 per cent of the output of the Neutral Zone.

Madagascar – Data for bitumen include petroleum coke.

Netherlands – Data exclude Suriname and the Netherlands Antilles (former).

Netherlands Antilles (former) – The country, comprising Bonaire, Curaçao, Saba, Sint Eustatius and Sint Marteen (Dutch part), was dissolved on 10 October 2010. For the purposes of this yearbook, data up to 2011 refer to the former territory of the Netherlands Antilles as it was known prior to 10 October 2010.

Pacific Islands – Until 1991, Trust Territory comprising Federated States of Micronesia, Marshall Islands, Northern Mariana Islands and Palau.

Pakistan – Data on wind and solar electricity and on electricity from other sources are all reported as wind electricity.

Portugal – Data include the Azores and Madeira.

Republic of Moldova – Data exclude Transnistria and the municipality of Bender.

Saudi Arabia – Data for crude oil production include 50 per cent of the output of the Neutral Zone.

Serbia – Data exclude Kosovo.

Serbia and Montenegro – Data exclude Kosovo from 2000 onwards. As a former country/area, it appears in this edition only in Table 1.

Sint Maarten (Dutch part) – Data prior to 2012 are included in Netherlands Antilles (former).

South Sudan – Data prior to 2012 are included in Sudan (former).

Spain – Data include the Canary Islands.

Sudan – Data prior to 2012 are included in Sudan (former).

Sudan (former) – South Sudan became an independent state on 9 July 2011. This country represents the whole territory of Sudan as it was on 1 January 2011 for data up to and including 2011.

Switzerland – Data include Liechtenstein for oil statistics.

Ukraine – The Government of Ukraine has informed the United Nations that it is not in a position to provide statistical data concerning the Autonomous Republic of Crimea and the city of Sevastopol. For confidentiality reasons, data on the following products (mainly on production) may not be available or may be included with other products: sub-bituminous coal (included with other bituminous coal), lignite (included with peat), patent fuel (included with peat briquettes), aviation gasoline, kerosene-type jet fuel, other kerosene, petroleum coke, paraffin waxes and white spirit (the latter three included with other oil products), gasworks gas (included with other recovered gas).

Union of Soviet Socialist Republics – Referred to as USSR, comprised up to 1990 Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Republic of Moldova, Russian Federation, Tajikistan, Turkmenistan, Ukraine and Uzbekistan.

United Kingdom – Shipments of coal and oil to Jersey, Guernsey 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. Oil statistics as well as coal trade statistics also include Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, Johnston Atoll, Midway Islands, Wake Island and the Northern Mariana Islands.

Yemen – On 22 May 1990 **Democratic Yemen** and **Yemen Arab Republic** merged to form a single State. Since that date they have been represented as one Member with the name 'Yemen'. Data for 1990 are shown separately for the former states.

Yugoslavia – Data until 1991 refer to the former Socialist Federal Republic of Yugoslavia, namely Bosnia and Herzegovina, Croatia, The Former Yugoslav Republic of Macedonia, Montenegro, Slovenia and Serbia (including Kosovo).

UNITS OF MEASUREMENT AND CONVERSION

Metric units of measurement are used throughout the *Yearbook*. The following tables provide the necessary factors for converting energy data from one measurement system (mass, volume or heat) to another. Unless otherwise stated in the Table Notes, in the case of solid fuels, liquid fuels and gases, the conversions are based on the net calorific value.

The comparison between different fuels is presented in metric tons of coal equivalent (TCE, Table 5), and terajoules (Tables 1, 2, 3 and 12) on the basis of the heat energy which may be obtained from each of them. One TCE is defined as 0.0293076 TJ, or 29307.6 MJ. This is derived from the standard coal equivalency of 7000 calories per gram.

The procedure to convert from original units to the common unit terajoule is as follows:

- Data in original (mass) units multiplied by the factors in Table I will give data in terajoules.

Further, to convert electricity data to terajoules, the following energy equivalence is applied: 1 GWh = 3.6 TJ.

Data on natural gas are collected in terajoules on a gross calorific value basis by convention. When comparing natural gas with other energy sources, it is more appropriate to compare useful energy, and thus the data have been converted to be on a net calorific basis by multiplying them by 0.9.

Table I
NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

PRODUCTION, EXPORTS AND CHANGES IN STOCKS

HARD COAL	2012	2013	2014	2015
Standard factor	25.8	25.8	25.8	25.8
Australia	27.0	26.9	26.9	27.0
Bangladesh	20.9	20.9	20.9	20.9
Botswana	23.6	23.6	23.6	23.6
Brazil	18.6	18.6	18.6	18.6
Bulgaria	17.2	20.0	27.2	27.8
Canada	24.7	25.1	25.0	25.0
Chile	17.4	22.0	22.0	27.8
China	19.9	20.0	20.1	20.4
Colombia	27.2	27.2	27.2	27.2
Czechia	26.9	27.8	27.0	27.0
Egypt	25.5	25.7	25.7	25.7
France	26.0	26.0	26.0	27.4
Georgia	25.0	28.0	25.1	25.3
Germany	27.4	27.7	27.6	30.0
India	18.9	17.0	16.8	16.7
Indonesia	25.8	25.8	25.8	25.8
Iran (Islamic Republic of)	28.0	28.0	27.8	27.8
Italy	26.6	26.6	26.6	26.6
Kazakhstan	18.6	18.6	18.6	18.6
Korea, Democratic People's Republic of	26.2	26.3	26.3	26.5
Korea, Republic of	18.6	18.6	18.6	18.6
Kyrgyzstan	18.6	18.6	18.6	18.6
Malaysia	26.4	26.4	26.4	26.4
Mexico	29.0	28.9	28.9	29.2
Mongolia	28.5	28.5	28.5	28.3
Mozambique	26.9	26.9	26.9	27.3
New Zealand	29.7	29.9	29.9	30.1
Niger	16.0	16.0	16.0	16.0
Norway	28.1	28.1	28.1	28.1
Pakistan	18.8	18.8	18.8	18.8
Peru	27.2	27.1	26.7	28.0
Poland	23.7	23.9	23.8	24.0
Russian Federation	26.0	26.2	26.2	26.2
South Africa	23.6	23.7	23.7	23.7
Spain	18.4	19.5	19.2	19.8
Sri Lanka	29.3	29.3	29.3	29.3
Tajikistan	18.6	18.6	18.6	18.6
Turkey	23.7	25.7	25.5	25.5
Ukraine	24.9	24.8	24.4	23.9
United Kingdom	24.5	24.4	24.4	24.9
United States	26.5	26.3	26.3	26.9
Uzbekistan	18.6	18.6	18.6	18.6
Viet Nam	23.4	23.4	23.4	23.4
Venezuela (Bolivarian Republic of)	30.6	30.6	30.6	30.6
Zambia	24.7	24.7	24.7	24.7
Zimbabwe	27.0	27.0	27.0	27.0

Table I (continued)

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

PRODUCTION, EXPORTS AND CHANGES IN STOCKS

BROWN COAL	2012	2013	2014	2015
Standard factor	14.0	14.0	14.0	14.0
Albania	9.8	9.8	9.8	9.8
Australia	13.0	12.4	12.1	12.0
Bosnia and Herzegovina	13.6	13.6	13.5	13.5
Bulgaria	7.0	7.0	6.8	6.8
Canada	17.0	16.5	16.9	16.9
Czechia	12.3	12.4	12.3	12.6
Georgia	16.7	16.7	17.2	17.0
Germany	9.0	9.1	9.1	9.0
Greece	5.4	5.2	5.3	5.1
Hungary	7.2	7.1	7.0	6.9
India	9.5	9.5	9.5	9.5
Indonesia	22.0	22.0	20.9	21.1
Kazakhstan	14.7	14.7	14.7	14.7
Korea, Democratic People's Republic of	17.6	17.6	17.6	17.6
Kyrgyzstan	14.7	14.7	14.7	14.7
Mexico	19.9	19.9	20.0	20.0
Mongolia	14.4	14.4	14.4	14.4
Montenegro	9.2	9.2	9.2	9.2
New Zealand	19.9	19.8	19.6	19.6
Philippines	22.1	22.1	22.1	22.1
Poland	8.3	8.3	8.2	8.2
Romania	7.8	7.9	7.9	7.9
Russian Federation	14.9	14.9	14.9	14.9
Serbia	8.0	8.0	8.0	8.0
Slovakia	10.4	10.4	11.1	10.7
Slovenia	10.7	11.6	11.0	11.4
Spain	13.8	13.3	13.8	13.4
Tajikistan	14.7	14.7	14.7	14.7
Thailand	12.1	12.1	10.7	10.7
T.F. Yugoslav Republic of Macedonia	7.1	6.6	6.4	6.2
Turkey	8.7	10.4	10.0	8.8
United States	18.2	18.1	18.1	18.3
Uzbekistan	14.7	14.7	14.7	14.7
COKE OVEN COKE	2012	2013	2014	2015
Standard factor	28.2	28.2	28.2	28.2
Argentina	28.5	28.5	28.5	28.5
Australia	27.0	27.0	27.0	27.0
Austria	29.0	29.0	29.0	28.6
Belgium	29.3	29.3	29.3	29.3
Bosnia and Herzegovina	26.9	26.9	26.9	26.9
Brazil	30.5	30.5	30.5	30.5

Table I (continued)

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

PRODUCTION, EXPORTS AND CHANGES IN STOCKS

COKE OVEN COKE	2012	2013	2014	2015
Canada	27.5	27.5	27.5	27.5
Chile	28.6	28.6	29.3	30.1
China	28.4	28.4	28.4	28.5
Colombia	20.1	20.1	20.1	20.1
Czechia	28.4	28.5	28.5	28.6
Egypt	27.2	27.2	27.2	27.2
Estonia	28.5	28.5	28.5	28.5
Finland	29.3	29.3	29.3	29.3
France	28.0	28.0	28.0	28.0
Germany	28.7	28.7	28.7	28.7
Hungary	29.5	29.2	29.5	29.8
Italy	29.0	29.0	29.0	29.0
Japan	29.4	29.2	29.2	29.2
Kazakhstan	25.1	25.1	25.1	25.1
Korea, Republic of	28.9	28.9	28.9	28.9
Mexico	26.5	28.7	28.7	28.7
Netherlands	28.5	28.5	28.5	28.5
New Zealand	29.5	29.5	29.5	29.5
Other Asia	28.2	28.2	28.2	28.2
Poland	28.1	27.9	27.8	28.0
Russian Federation	29.0	29.0	29.0	29.0
Slovakia	28.4	28.1	27.9	28.2
South Africa	26.5	26.5	26.5	26.5
Spain	26.8	26.8	26.8	26.8
Sweden	28.1	28.1	28.1	28.1
Turkey	28.2	29.7	27.6	27.2
Ukraine	25.1	25.1	25.1	25.1
United Kingdom	29.8	29.8	29.8	29.8
United States	28.8	28.9	28.9	28.9
Zimbabwe	25.1	25.1	25.1	25.1
PATENT FUEL	2012	2013	2014	2015
Standard factor	20.7	20.7	20.7	20.7
France	32.0	32.0	32.0	32.0
Germany	31.4	31.4	31.4	31.4
Hungary	22.0	22.0	22.0	22.0
Korea, Republic of	18.6	18.6	18.6	18.6
Poland	23.2	23.2	23.2	23.8
United Kingdom	28.3	28.3	28.3	28.3
BROWN COAL BRIQUETTES	2012	2013	2014	2015
Standard factor	20.7	20.7	20.7	20.7
Australia	21.0	21.0	21.0	21.0
Belgium	20.7	20.7	20.7	20.7
Bulgaria	12.5	10.2	12.2	13.4

Table I (continued)

**NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton**

PRODUCTION, EXPORTS AND CHANGES IN STOCKS

BROWN COAL BRIQUETTES	2012	2013	2014	2015
Czechia	22.0	20.7	21.1	19.8
Germany	21.1	21.3	21.4	21.2
Serbia	17.6	17.6	17.7	17.7
PEAT	2012	2013	2014	2015
Standard factor	9.8	9.8	9.8	9.8
Austria	8.8	8.8	8.8	8.8
Belarus	10.2	10.5	10.5	10.1
Burundi	14.7	14.7	14.7	14.7
Estonia	10.0	10.4	10.4	10.7
Falkland Islands (Malvinas)	9.5	9.5	9.5	9.5
Finland	10.1	10.2	10.0	10.1
Ireland	9.1	8.1	8.8	9.0
Lithuania	11.7	11.7	11.7	11.7
Russian Federation	10.0	10.0	10.0	10.0
Sweden	12.5	12.5	12.5	12.5
Ukraine	10.0	9.7	9.7	9.7
OIL SHALE	2012	2013	2014	2015
Standard factor	8.9	8.9	8.9	8.9
Israel	2.9	4.0	4.0	4.0

Table I (continued)

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS				
HARD COAL	2012	2013	2014	2015
Albania	27.2	27.2	27.2	25.2
Argentina	30.1	30.1	28.4	28.9
Australia	27.0	26.9	27.9	27.8
Austria	28.2	28.5	28.6	28.3
Bangladesh	20.9	20.9	20.9	20.9
Belarus	26.1	25.2	25.6	25.6
Belgium	27.4	27.4	27.5	27.8
Bosnia and Herzegovina	30.7	30.7	30.7	30.7
Brazil	30.5	30.5	30.5	30.5
Bulgaria	25.9	26.0	27.2	27.8
Canada	26.7	28.0	27.9	28.0
Chile	23.9	25.0	25.0	24.0
China	16.2	15.9	17.9	17.9
China, Hong Kong SAR	26.4	26.4	26.4	26.4
Croatia	24.7	25.2	24.8	25.1
Czechia	26.6	26.4	25.4	25.5
Denmark	24.2	23.3	23.5	22.9
Egypt	28.2	25.7	25.7	25.7
Estonia	27.2	27.2	27.2	27.2
Finland	26.0	25.9	25.9	26.4
France	27.2	27.4	27.7	27.4
Georgia	25.0	28.0	25.1	25.3
Germany	26.4	26.9	27.0	27.1
Greece	27.2	27.2	26.6	25.9
Hungary	32.1	32.1	29.2	29.6
Iceland	28.1	28.1	28.1	28.1
India	26.3	26.3	26.3	26.3
Indonesia	28.2	28.2	28.2	28.2
Iran (Islamic Republic of)	25.8	25.8	28.1	28.1
Ireland	25.0	25.7	25.5	25.7
Israel	25.1	25.1	25.0	25.0
Italy	27.5	26.3	26.0	26.1
Japan	25.6	25.8	25.9	25.6
Jordan	26.7	26.7	26.7	26.7
Kazakhstan	18.6	18.6	18.6	18.6
Korea, Democratic People's Republic of	26.7	25.8	25.8	25.8
Korea, Republic of	25.6	25.6	25.5	25.5
Kyrgyzstan	18.6	20.9	20.9	20.7
Latvia	26.3	26.3	24.2	23.9
Lebanon	27.7	27.7	27.7	27.7
Lithuania	25.1	25.1	25.1	25.1
Luxembourg	24.7	24.8	24.7	24.7
Malaysia	26.4	26.4	26.4	26.4
Mauritius	26.0	26.0	25.8	25.8
Mexico	26.1	26.6	26.5	26.7
Moldova, Republic of	23.7	24.5	24.1	23.9
Morocco	27.6	27.6	27.6	27.6

Table I (continued)

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS

HARD COAL	2012	2013	2014	2015
Namibia	22.7	22.7	22.7	22.7
Nepal	25.1	25.1	25.1	25.1
Netherlands	25.4	25.0	25.1	25.0
New Caledonia	28.3	28.3	28.3	28.3
New Zealand	28.1	28.2	28.4	28.1
Norway	28.1	28.1	28.1	28.1
Other Asia	27.4	27.4	27.4	27.4
Pakistan	27.6	27.6	27.6	27.6
Peru	25.0	25.0	26.3	25.0
Poland	24.6	24.9	25.0	24.8
Portugal	25.2	24.9	24.8	24.7
Romania	26.5	26.3	25.8	25.8
Russian Federation	25.3	25.3	25.2	25.4
Serbia	23.0	23.3	25.6	25.7
Senegal	25.9	25.9	25.9	25.9
Slovakia	28.1	28.2	28.7	28.9
Slovenia	25.4	26.2	25.2	27.0
South Africa	31.0	31.0	31.0	31.0
Spain	24.0	24.4	23.9	24.0
Sri Lanka	29.3	29.3	29.3	29.3
Sweden	28.6	28.6	28.8	28.9
Switzerland	25.5	25.5	25.5	25.5
T.F. Yugoslav Republic of Macedonia	25.5	26.3	25.8	26.1
Tajikistan	18.6	18.6	18.6	18.6
Thailand	26.4	26.4	26.4	26.4
Turkey	27.5	27.4	26.9	26.7
Ukraine	27.3	25.5	26.7	25.0
United Arab Emirates	27.7	27.9	28.1	27.8
United Kingdom	25.8	25.9	26.0	26.2
United States	26.1	26.1	26.2	25.6
Viet Nam	23.4	23.4	23.4	23.4
Zambia	24.7	24.7	24.7	24.7
Zimbabwe	27.0	27.0	27.0	27.0
BROWN COAL	2012	2013	2014	2015
Albania	9.8	9.8	9.8	9.8
Austria	19.4	20.0	20.4	20.6
Bangladesh	11.9	11.9	11.9	11.9
Bosnia and Herzegovina	9.3	11.9	10.3	15.7
Cambodia	19.9	19.9	19.9	19.9
Canada	18.2	17.4	17.9	17.9

Table I (continued)

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS

BROWN COAL	2012	2013	2014	2015
Croatia	17.1	15.4	15.9	16.0
Czechia	13.1	11.6	11.1	10.7
France	17.0	17.0	17.0	17.0
Germany	16.7	16.7	17.7	18.7
Greece	4.0	4.1	4.0	5.1
Hungary	17.5	16.9	17.4	18.4
Israel	20.8	20.8	20.8	20.8
Italy	18.8	18.8	18.8	18.8
Kazakhstan	14.7	14.7	14.7	14.7
Korea, Republic of	21.4	21.4	21.4	21.4
Mexico	14.1	13.9	13.9	18.6
Montenegro	9.2	9.2	9.2	9.2
Netherlands	20.0	20.0	20.0	20.0
New Zealand	20.6	20.6	20.5	20.6
Other Asia	18.9	18.9	18.9	18.9
Philippines	22.1	22.1	22.1	22.1
Poland	8.5	8.4	8.2	8.2
Romania	24.5	21.5	18.2	19.3
Russian Federation	14.9	14.9	14.9	14.9
Serbia	17.0	17.0	17.0	8.1
Slovakia	13.5	14.3	15.0	14.9
Slovenia	18.4	17.4	18.5	18.6
Switzerland	20.1	20.1	23.6	23.6
T.F. Yugoslav Republic of Macedonia	20.0	14.4	17.0	18.2
Ukraine	10.0	10.0	10.0	10.0
United States	17.9	17.8	19.2	19.7
Uzbekistan	14.7	14.7	14.7	14.7
COKE OVEN COKE	2012	2013	2014	2015
Australia	27.0	27.0	27.0	27.0
Austria	29.0	29.0	29.0	28.6
Belarus	29.0	29.0	29.0	29.0
Belgium	29.3	29.3	29.3	29.3
Brazil	30.5	30.5	30.5	30.5
Bulgaria	28.5	28.5	28.5	28.5
Canada	27.5	27.5	27.5	27.5
Croatia	29.3	29.3	29.3	29.3
Czechia	28.5	25.8	26.2	26.2
Denmark	29.3	29.3	29.3	29.3
Egypt	27.2	27.2	27.2	27.2
Finland	29.3	29.3	29.3	29.3
France	28.0	28.0	28.0	28.0
Georgia	29.3	29.3	29.3	29.3
Germany	28.7	28.7	28.7	28.7

Table I (continued)

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS

COKE OVEN COKE	2012	2013	2014	2015
Hungary	29.6	29.2	29.5	29.6
Iceland	26.7	26.7	26.7	26.7
Italy	29.0	29.0	29.0	29.0
Japan	29.4	29.2	29.2	29.2
Kazakhstan	25.1	25.1	25.1	25.1
Korea, Republic of	28.9	28.9	28.9	28.9
Lithuania	29.3	29.3	29.3	29.3
Mexico	26.5	27.8	27.8	27.8
Netherlands	28.5	28.5	28.5	28.5
Norway	28.5	28.5	28.5	28.5
Other Asia	28.2	28.2	28.2	28.2
Peru	28.2	28.2	28.2	28.2
Poland	28.0	28.0	28.0	28.0
Romania	26.4	26.4	26.3	26.4
Russian Federation	29.0	29.0	29.0	29.0
Serbia	28.7	28.7	29.0	29.0
Slovakia	28.0	27.5	27.8	27.3
Slovenia	29.6	29.9	30.1	30.1
Spain	26.8	26.8	26.8	26.8
Sweden	28.1	28.1	28.1	28.1
Switzerland	25.5	25.5	25.5	25.5
Turkey	28.2	29.7	27.6	27.2
Ukraine	25.1	25.1	25.1	25.1
United Kingdom	29.8	29.8	29.8	29.8
United States	28.8	28.9	28.9	28.9
PATENT FUEL	2012	2013	2014	2015
Austria	31.0	31.0	31.0	31.0
Belgium	30.5	30.5	30.5	30.5
France	32.0	32.0	32.0	32.0
Germany	31.4	31.4	31.4	31.4
Luxembourg	28.2	28.2	28.2	28.2
Poland	23.2	23.2	23.2	23.2
Slovakia	28.0	28.0	28.0	28.0
United Kingdom	28.3	28.3	28.3	28.3
BROWN COAL BRIQUETTES	2012	2013	2014	2015
Austria	19.3	19.3	19.8	19.8
Belgium	20.7	20.7	20.7	20.7
Czechia	22.0	20.7	21.1	19.8
France	16.9	16.9	16.9	16.9
Germany	20.9	20.1	25.6	25.5
Hungary	19.8	19.8	19.8	19.1
Ireland	19.8	19.8	19.8	19.8
Luxembourg	22.2	22.2	22.2	22.2

Table I (continued)

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS

BROWN COAL BRIQUETTES	2012	2013	2014	2015
Netherlands	20.0	20.0	20.0	20.0
Poland	17.6	17.6	17.5	17.5
Serbia	15.9	15.9	15.8	15.8
Slovakia	17.0	17.0	17.7	17.9
PEAT	2012	2013	2014	2015
Finland	10.1	10.2	10.0	10.1
Romania	8.8	8.8	8.8	8.8
Russian Federation	10.0	10.0	10.0	10.0
Sweden	12.9	12.9	12.9	12.9
T.F. Yugoslav Republic of Macedonia	9.1	9.1	9.1	9.1
Ukraine	10.0	9.3	9.7	9.7

OTHER PRODUCTS

Conventional crude oil	42.3
Natural gas liquids (NGL)	44.2
Aviation gasoline	44.3
Motor gasoline	44.3
Gasoline-type jet fuel	44.3
Kerosene-type jet fuel	44.1
Other kerosene	43.8
Gas oil/diesel oil	43.0
Fuel oil	40.4
Liquefied petroleum gases (LPG)	47.3
Ethane	46.4
Refinery gas	49.5
Feedstocks	43.0
Naphtha	44.5
White spirit and SBP industrial spirit	40.2
Lubricants	40.2
Bitumen	40.2
Paraffin waxes	40.2
Petroleum coke	32.5
Other oil products	40.2
Fuelwood, wood residues and by-products	12.6
Bagasse	7.7
Peat products	9.8
Charcoal	29.5

Table I (continued)

STANDARD HEAT VALUES OF GASES
kJ/m³

Natural gas	39021
Coke oven gas	17590
Gas works gas	17590
Blast furnace gas	4000

Table II**SELECTED CONVERSION FACTORS FOR CRUDE OIL
AND OIL PRODUCTS**

(To convert from metric tons into the following units, multiply by the factor in the appropriate column)

Commodity	Litre	U.S. Gallon	Imperial Gallon	Barrel	Barrels / day	Cubic Metre
Conventional crude oil (average specific gravity)	1164	308	256	7.32	0.02005	1.164
Natural gas liquids (NGL)	1653	437	364	10.40	0.02849	1.653
Additives and oxygenates	1033	315	262	7.50	0.02055	1.033
Other hydrocarbons	1177	311	259	7.40	0.02027	1.177
Aviation gasoline	1370	362	301	8.62	0.02362	1.370
Motor gasoline	1351	357	297	8.50	0.02329	1.351
Gasoline-type jet fuel	1317	348	290	8.28	0.02270	1.317
Kerosene-type jet fuel	1235	326	272	7.77	0.02129	1.235
Other kerosene	1235	326	272	7.77	0.02129	1.235
Gas oil/diesel oil	1149	304	253	7.23	0.01981	1.149
Fuel oil	1053	278	232	6.62	0.01814	1.053
Liquefied petroleum gases (LPG)	1852	489	407	11.65	0.03192	1.852
Ethane	2679	708	589	16.85	0.04616	2.679
Refinery gas	1272	336	280	8.00	0.02192	1.272
Feedstocks	1177	311	259	7.40	0.02027	1.177
Naphtha	1389	367	306	8.74	0.02395	1.389
White spirit and SBP industrial spirits	1235	326	272	7.77	0.02129	1.235
Lubricants	1111	294	244	6.99	0.01915	1.111
Bitumen	962	254	212	6.05	0.01658	0.962
Paraffin waxes	1250	330	275	7.86	0.02153	1.250
Petroleum coke	877	232	193	5.52	0.01512	0.877
Other oil products	1099	290	241	6.91	0.01893	1.099

TABLES

Table 1**Total energy supply**

Petajoules

Table Notes**For tables 1 to 3**

Data on individual energy commodities are aggregated and presented in these tables. As discussed in the introduction, these tables follow the principles of energy balances as recommended in IRES.

Instead of breaking energy supply down by flow, Table 1 gives a longer historical perspective back to 1990. As such, historical countries that existed in 1990 are included here. Due to the break-up of the Former Union of Soviet Socialist Republics, there is a reallocation between Europe and Asia between 1991 and 1992.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/ classification, and xvi to xvii for the descriptions of relevant flows.

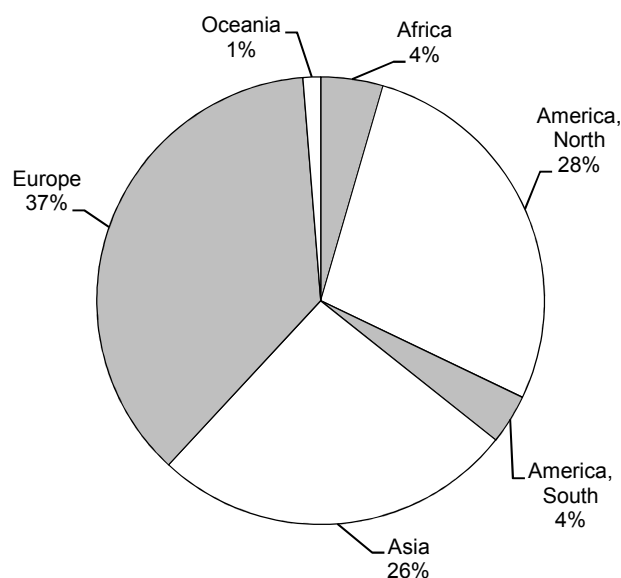
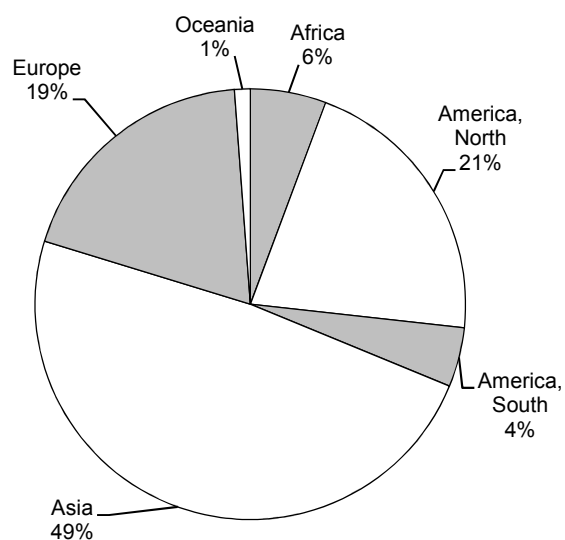
Figure 1: Total energy supply by region, 1990**Figure 2: Total energy supply by region, 2015**

Figure 3: Total energy supply by region, 1990-2015

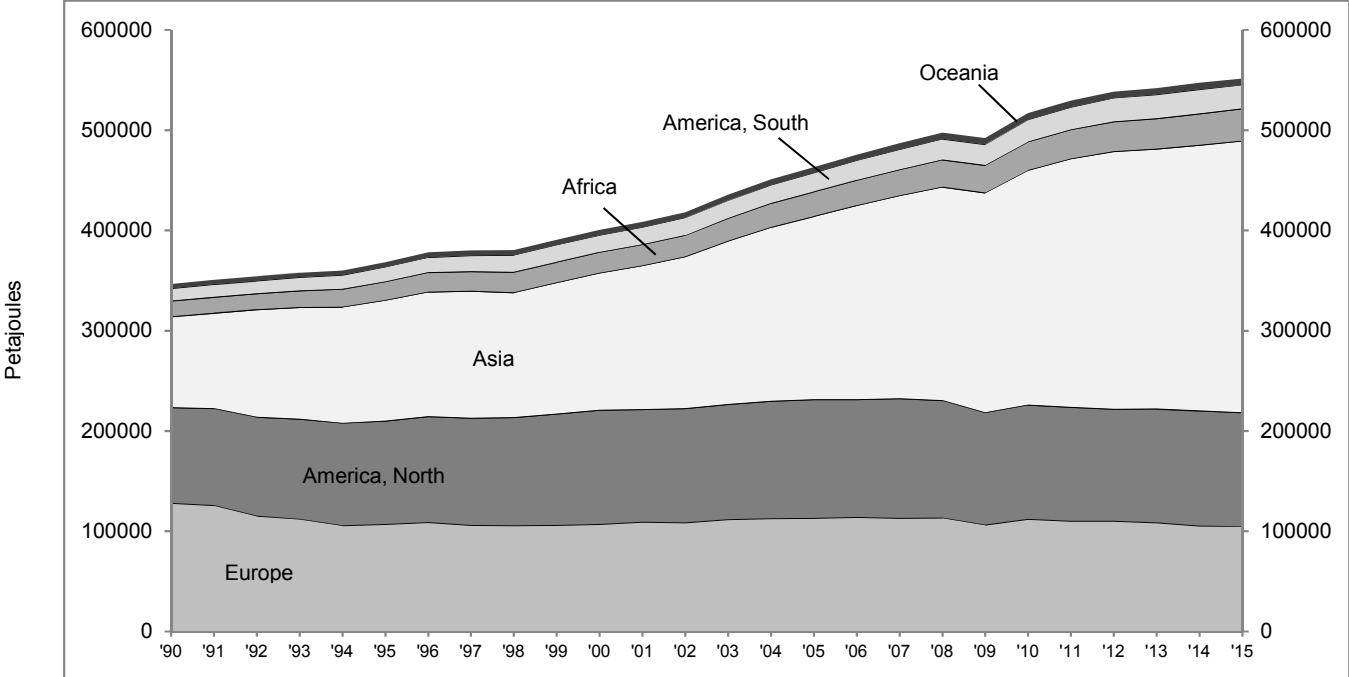


Table 1

Total Energy Supply

Petajoules

Country or area	1990	1995	2000	2005	2010	2014	2015
World	346,408	368,210	400,355	463,007	517,211	547,128	551,688
Africa	15,674	18,730	20,849	24,480	28,284	31,487	32,123
Algeria	1,075	1,270	1,170	1,583	1,641	2,123	2,221
Angola	238	343	308	363	509	613	602
Benin	74	89	83	105	153	177	190
Botswana	39	44	57	65	74	98	80
Burkina Faso	93	104	83	114	145	165	169
Burundi	58	66	55	81	89	60	59
Cabo Verde	*2	*3	*4	8	9	9	*9
Cameroon	176	237	264	295	291	325	326
Central African Rep.	31	31	22	22	23	23	23
Chad	45	50	57	66	73	79	80
Comoros	2	3	3	*4	*5	5	5
Congo	36	44	40	45	70	109	111
Côte d'Ivoire	204	245	278	418	425	580	543
Dem. Rep. of the Congo	477	584	635	825	831	1,202	1,209
Djibouti	*6	*7	8	*9	11	*11	*10
Egypt	1,271	1,605	2,288	2,742	3,242	3,503	3,457
Equatorial Guinea	5	5	9	52	68	73	*71
Eritrea	..	43	30	32	31	34	36
Ethiopia	..	918	1,022	1,132	1,293	1,438	1,471
Ethiopia, incl. Eritrea	543	..	..	..	..	..	..
Gabon	50	56	62	72	93	109	106
Gambia	7	8	9	10	12	14	*14
Ghana	187	277	271	251	267	321	339
Guinea	105	126	128	135	147	146	152
Guinea-Bissau	20	21	23	26	28	30	30
Kenya	289	337	388	443	*793	909	949
Lesotho	*36	*41	*48	47	52	*59	59
Liberia	38	31	49	62	75	89	92
Libya	468	653	685	727	860	743	1,022
Madagascar	85	108	118	127	150	171	179
Malawi	64	65	65	69	77	81	78
Mali	43	49	57	61	78	91	95
Mauritania	*23	*26	29	36	45	54	*54
Mauritius	33	41	49	57	63	65	67
Mayotte	*1	*2	*2	*3	4	5	5
Morocco	352	428	477	603	758	777	796
Mozambique	248	264	292	364	424	549	538
Namibia	..	38	42	53	65	74	76
Niger	62	73	81	*77	70	*92	95
Nigeria	2,780	3,082	3,599	4,420	5,018	5,631	5,832
Réunion	24	31	42	49	58	58	59
Rwanda	35	54	54	71	84	*96	*97
Sao Tome and Principe	*1	1	*2	*2	2	*3	*3
Senegal	*81	*87	96	114	165	163	171
Seychelles	2	*3	8	10	6	6	6
Sierra Leone	50	47	55	56	60	69	67
Somalia	68	77	90	107	126	137	137
South Africa	4,179	4,750	5,044	5,465	6,299	6,501	6,367
South Sudan	..	..	..	..	..	29	23
Sudan	..	..	..	..	..	626	655
Sudan (former)	451	506	556	654	711	..	..
Swaziland	20	21	41	40	44	47	49
Togo	55	71	89	99	130	139	143
Tunisia	192	220	293	349	427	435	452
Uganda	281	312	319	417	523	625	655
United Rep. of Tanzania	341	463	572	722	847	1,039	1,087

Table 1

Total Energy Supply

Petajoules

Country or area	1990	1995	2000	2005	2010	2014	2015
Zambia	222	244	260	305	348	415	430
Zimbabwe	402	422	438	414	392	464	472
America, North	95,470	103,366	114,038	118,213	113,796	114,844	113,447
Anguilla	*1	*1	*1	*2	*2	*2	*2
Antigua and Barbuda	*4	*4	*5	*6	*8	*8	*8
Aruba	*7	*10	*26	30	*28	*12	*13
Bahamas	*26	*24	*27	*26	35	34	*34
Barbados	16	13	16	18	20	17	17
Belize	8	10	11	11	13	13	15
Bermuda	*7	*8	*7	*8	*9	10	8
Bonaire, St Eustatius, Saba	..	..	..	..	..	*5	*5
British Virgin Islands	*1	*1	*1	*2	*2	*3	*3
Canada	8,752	9,684	10,504	11,235	10,895	11,546	11,151
Cayman Islands	4	*5	*7	7	8	8	8
Costa Rica	68	110	137	177	203	213	207
Cuba	623	452	462	412	501	454	480
Curaçao	..	..	..	..	..	85	93
Dominica	*1	1	2	*2	2	*2	*3
Dominican Republic	143	236	283	266	298	301	328
El Salvador	92	135	166	189	178	170	180
Greenland	5	5	7	9	11	9	9
Grenada	2	2	3	3	4	4	4
Guadeloupe	18	*21	26	33	*32	32	33
Guatemala	195	252	307	361	387	465	476
Haiti	64	71	84	142	159	174	179
Honduras	122	142	157	170	191	224	237
Jamaica	113	130	148	151	103	104	108
Martinique	21	*21	*22	29	27	*31	*31
Mexico	5,179	5,498	6,356	7,434	7,413	7,818	7,883
Montserrat	0	0	0	*1	1	1	1
Neth. Antilles (former)	82	*95	83	84	69	..	..
Nicaragua	86	102	107	119	125	152	165
Panama	62	62	104	120	144	167	171
Puerto Rico	*1	0	13	24	27	56	60
Sint Maarten (Dutch part)	..	..	..	..	..	*11	*12
St. Kitts-Nevis	*2	*2	*3	*3	3	*3	*3
St. Lucia	2	5	5	*5	6	6	6
St. Pierre-Miquelon	1	1	*1	*1	*1	*1	*1
St. Vincent-Grenadines	*1	*2	2	*3	3	*3	*3
Trinidad and Tobago	251	258	414	678	845	822	816
Turks and Caicos Islands	0	*1	*1	*2	*3	*3	*3
United States	79,510	86,000	94,538	96,447	92,040	91,877	90,691
America, South	12,420	14,534	16,776	18,897	22,206	24,284	23,862
Argentina	1,928	2,194	2,556	2,919	3,307	3,519	3,610
Bolivia (Plur. State of)	105	149	206	220	259	338	337
Brazil	5,960	7,062	8,020	9,252	10,916	12,562	12,350
Chile	587	772	1,073	1,178	1,278	1,459	1,504
Colombia	983	1,104	1,103	1,180	1,402	1,525	1,475
Ecuador	255	339	328	475	562	677	651
Falkland Is. (Malvinas)	1	*1	*1	*1	*1	*1	*1
French Guiana	9	*9	8	10	*12	*13	*12
Guyana	25	29	32	29	32	35	35
Paraguay	*84	118	153	180	234	246	260
Peru	415	450	514	565	779	915	937
Suriname	29	34	36	26	40	36	29
Uruguay	96	107	119	126	173	199	212
Venezuela (Bolivar. Rep.)	1,944	2,167	2,629	2,737	3,211	2,760	2,449

Table 1

Total Energy Supply

Petajoules

Country or area	1990	1995	2000	2005	2010	2014	2015
Asia	90,620	120,140	136,575	182,940	234,638	264,900	271,125
Afghanistan	*46	*29	25	36	137	135	145
Armenia	..	68	84	105	*119	141	129
Azerbaijan	..	536	485	573	486	585	603
Bahrain	213	257	331	348	513	559	579
Bangladesh	782	918	1,001	1,189	1,489	1,687	1,789
Bhutan	37	39	44	48	59	64	63
Brunei Darussalam	107	71	73	76	136	149	114
Cambodia	121	119	142	144	223	267	295
China	30,398	39,163	42,461	68,833	101,618	119,688	119,926
China, Hong Kong SAR	316	398	570	579	550	599	583
China, Macao SAR	15	18	24	28	31	34	40
Cyprus	57	70	88	92	103	83	85
Georgia	..	59	93	135	140	188	197
India	10,370	13,035	16,135	22,809	28,903	35,391	36,697
Indonesia	3,759	4,587	4,970	7,087	8,322	7,912	9,452
Iran (Islamic Rep. of)	2,819	3,887	5,386	7,221	8,579	9,986	9,989
Iraq	586	1,072	995	1,488	1,437	2,055	1,997
Israel	480	649	763	767	966	891	955
Japan	18,314	20,697	21,671	21,774	20,862	18,418	17,984
Jordan	138	172	205	289	303	352	362
Kazakhstan	..	2,185	1,560	2,352	3,363	3,354	3,258
Korea, Dem.Ppl's.Rep.	1,391	921	826	896	795	505	332
Korea, Republic of	3,851	6,083	7,854	8,764	10,441	11,165	11,364
Kuwait	566	835	824	1,133	1,350	1,339	1,458
Kyrgyzstan	..	101	101	114	115	171	167
Lao People's Dem. Rep.	60	63	70	76	119	133	187
Lebanon	*113	173	207	206	262	306	312
Malaysia	773	1,768	1,958	2,717	2,965	3,535	3,424
Maldives	2	4	6	9	13	19	19
Mongolia	116	89	87	104	164	342	272
Myanmar	449	498	538	619	663	802	846
Nepal	156	301	349	388	446	542	505
Oman	153	236	319	445	778	1,014	1,280
Other Asia	2,005	2,663	3,509	4,240	4,651	4,601	4,542
Pakistan	1,290	1,722	2,082	2,642	3,095	3,325	3,360
Philippines	1,039	1,264	1,551	1,469	1,631	1,871	2,050
Qatar	199	553	584	728	1,165	1,850	1,895
Saudi Arabia	2,875	3,516	4,487	6,047	7,707	8,876	11,172
Singapore	656	640	756	805	1,109	1,142	1,233
Sri Lanka	187	225	296	324	360	408	433
State of Palestine	*20	*22	38	58	54	69	72
Syrian Arab Republic	476	585	729	740	911	454	419
Tajikistan	..	95	91	99	94	109	114
Thailand	1,784	2,635	3,075	4,067	4,945	5,428	5,412
Timor-Leste	..	..	..	*4	*4	*8	*8
Turkey	2,190	2,598	3,201	3,549	4,419	5,051	5,338
Turkmenistan	..	574	625	805	951	1,123	1,160
United Arab Emirates	791	1,108	1,719	1,842	2,635	3,265	3,587
Uzbekistan	..	1,787	2,130	2,050	1,809	1,829	1,783
Viet Nam	791	908	1,262	1,756	2,319	2,775	2,994
Yemen	..	142	197	274	326	304	145
Yemen Arab Rep. (former)	*47	..	..	..	..	..	..
Yemen, Dem. (former)	*84	..	..	..	..	..	..
Europe	127,865	106,719	106,649	112,746	111,775	105,145	104,626
Albania	92	47	65	91	91	103	92
Andorra	*7	7	9	10	10	9	9
Austria	1,038	1,119	1,197	1,416	1,427	1,348	1,374

Table 1

Total Energy Supply

Petajoules

Country or area	1990	1995	2000	2005	2010	2014	2015
Belarus	..	1,043	1,029	1,125	1,155	1,162	1,053
Belgium	2,005	2,237	2,426	2,436	2,515	2,209	2,226
Bosnia and Herzegovina	..	56	179	206	269	325	331
Bulgaria	1,181	966	773	826	741	744	775
Croatia	..	325	349	407	390	335	350
Czechia	..	1,764	1,748	1,898	1,891	1,758	1,764
Czechoslovakia (former)	2,950	..	..	..	..	..	..
Denmark	725	811	785	786	810	669	668
Estonia	..	217	196	220	236	254	230
Faeroe Islands	10	*8	*10	*10	*9	*9	*9
Finland	1,190	1,212	1,346	1,433	1,526	1,415	1,349
France	9,381	9,924	10,537	11,332	10,929	10,149	10,310
German Dem. R. (former)	*3,679	..	..	..	..	..	..
Germany	..	14,037	14,034	14,020	13,643	12,783	12,882
Germany, Fed. R. (former)	11,391	..	..	..	..	..	..
Gibraltar	2	4	5	6	7	8	9
Greece	902	963	1,148	1,280	1,169	983	985
Guernsey	..	..	..	1	1	1	1
Hungary	1,211	1,093	1,049	1,155	1,113	1,000	1,058
Iceland	87	90	139	158	278	312	313
Ireland	416	446	573	610	608	534	555
Italy	6,366	6,714	7,230	7,847	7,324	6,168	6,402
Jersey	..	1	1	3	3	3	3
Latvia	..	197	157	190	203	196	179
Liechtenstein	..	..	..	..	3	3	3
Lithuania	..	376	306	362	286	287	294
Luxembourg	143	133	142	185	178	161	157
Malta	28	29	28	37	35	33	27
Montenegro	..	..	..	42	48	40	42
Netherlands	2,788	3,051	3,101	3,350	3,446	3,003	3,034
Norway	876	964	1,075	1,117	1,425	1,153	1,219
Poland	4,406	4,256	3,780	3,886	4,251	3,966	3,999
Portugal	720	840	1,026	1,104	975	875	907
Republic of Moldova	..	186	66	89	91	86	84
Romania	2,620	1,925	1,532	1,626	1,474	1,326	1,340
Russian Federation	..	26,720	25,994	27,338	28,932	30,457	29,841
Serbia	..	..	..	672	648	550	612
Serbia and Montenegro	..	522	556	..	..	..	..
Slovakia	..	746	744	778	737	658	677
Slovenia	..	254	269	306	306	279	275
Spain	3,744	4,191	5,074	5,915	5,337	4,732	4,905
Sweden	1,967	2,089	1,971	2,137	2,112	2,001	1,887
Switzerland	1,017	1,003	1,041	1,080	1,091	1,043	1,024
T.F.Yug.Rep. Macedonia	..	151	169	163	121	120	118
Ukraine	..	7,073	5,574	5,872	5,491	4,434	3,753
United Kingdom	8,527	8,925	9,216	9,219	8,442	7,462	7,498
USSR (former)	56,587	..	..	..	..	..	..
Yugoslavia, SFR (former)	1,809	..	..	..	..	..	..
Oceania	4,358	4,723	5,468	5,731	6,511	6,469	6,506
Australia	3,650	3,928	4,540	4,762	5,431	5,252	5,261
Cook Islands	0	*1	*1	1	*1	*1	*1
Fiji	21	*23	22	24	22	*30	38
French Polynesia	*7	7	9	12	12	*11	*12
Kiribati	0	0	0	*1	1	1	*1
Marshall Islands	..	*1	*2	*2	*2	*2	*2
Micronesia (Fed. States of)	..	*2	*2	2	2	*2	*2
Nauru	*2	*1	*1	*1	*1	*1	*1
New Caledonia	21	27	30	37	47	65	63
New Zealand	556	629	747	747	833	927	946

Table 1**Total Energy Supply**

Petajoules

Country or area	1990	1995	2000	2005	2010	2014	2015
Pacific Islands (former)	*3	..	..	..	..	..	..
Palau	..	*3	*3	*3	3	*3	*3
Papua New Guinea	88	89	99	126	141	157	*159
Samoa	*3	*3	*3	*4	*5	*5	6
Solomon Islands	*5	*5	*5	*6	*6	*6	*6
Tonga	1	1	1	*2	2	2	2
Vanuatu	1	1	*2	2	3	3	3

Table 2

Components of total energy supply

Petajoules and Gigajoules per capita

Table Notes

Included in the **Primary energy production** for **Solids** are hard coal, lignite, peat, oil shale, primary solid biofuels and wastes; **Liquids** are comprised of crude oil, natural gas liquids, other hydrocarbons, additives and oxygenates, and liquid biofuels; **Gas** comprises natural gas and biogas; **Electricity** is comprised of primary electricity generation from hydro, wind, tide, wave and solar sources; and **Heat** comprises primary heat from nuclear, geothermal, chemical and solar sources.

Stock changes, trade and International bunkers refer to all primary and secondary forms of energy.

Supply is calculated as primary energy production plus import minus exports minus International bunkers minus stock changes.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/ classification, and xvi to xvii for the descriptions of relevant flows.

Figure 4: Total per capita energy supply by region, selected years

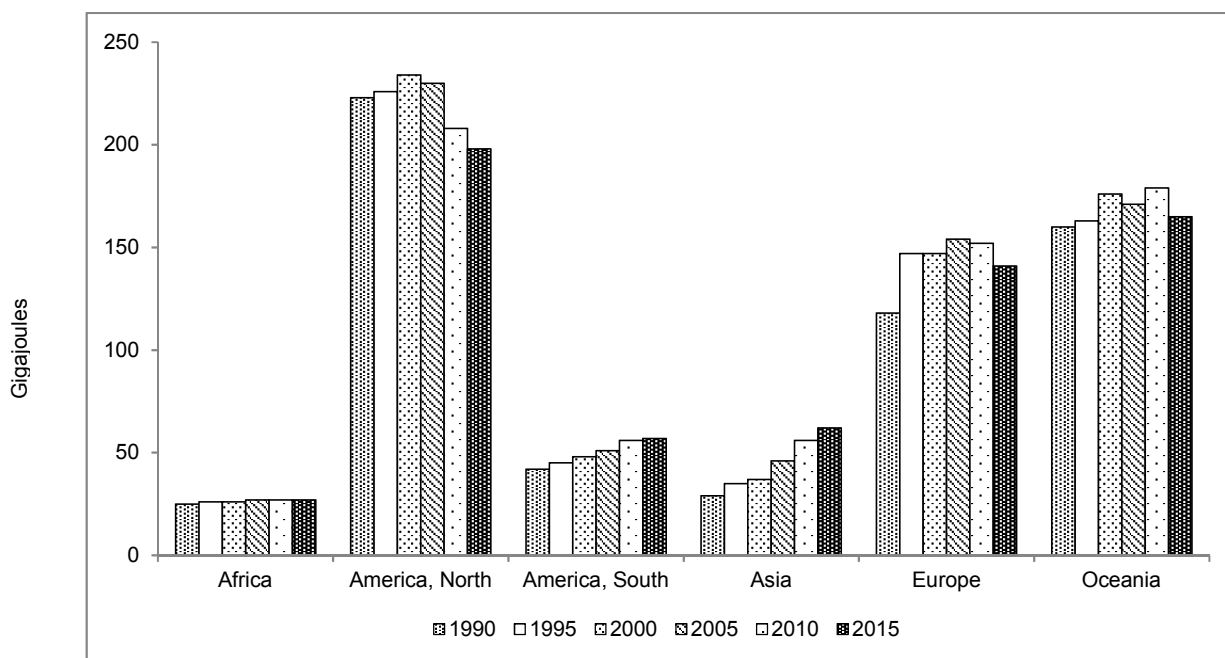


Figure 5: Production of solids by region, 2015

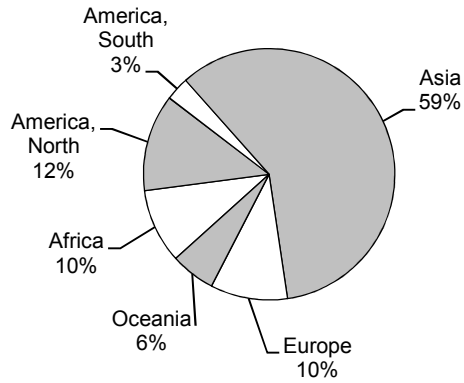


Figure 6: Production of liquids by region, 2015

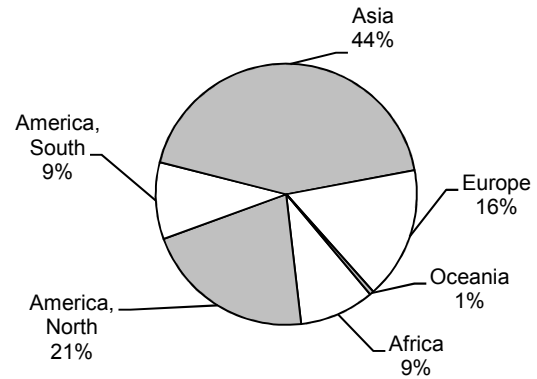


Figure 7: Production of gases by region, 2015

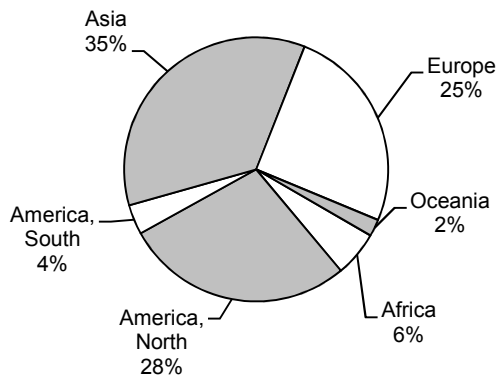


Figure 8: Primary electricity production by region, 2015

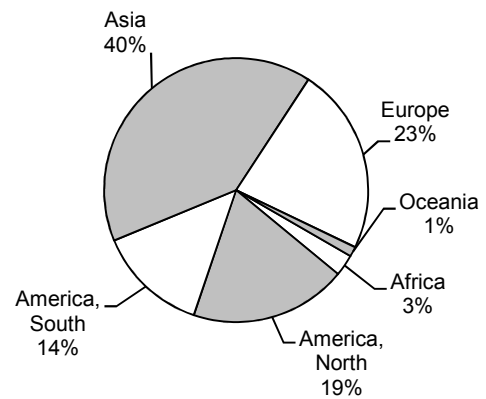


Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
World	2012	553,074	210,777	176,719	120,443	15,440	29,695
	2013	559,530	213,447	177,839	121,719	16,538	29,988
	2014	567,004	213,660	181,581	123,664	17,295	30,805
	2015	572,353	209,846	186,765	126,676	17,901	31,165
Africa	2012	47,145	19,921	19,169	7,448	413	194
	2013	45,533	20,240	17,615	7,006	444	227
	2014	45,152	20,640	16,767	7,001	479	265
	2015	45,242	20,815	16,566	7,081	474	306
Algeria	2012	5,928	1	2,888	3,037	2	..
	2013	5,676	1	2,789	2,885	1	..
	2014	5,900	0	2,959	2,940	1	..
	2015	5,883	0	2,891	2,990	1	..
Angola	2012	3,967	288	3,639	26	14	..
	2013	4,001	294	3,658	32	17	..
	2014	3,902	300	3,559	25	18	..
	2015	4,137	305	3,787	26	19	..
Benin	2012	95	95	..	..	..	..
	2013	102	102	..	..	..	..
	2014	108	108	..	..	..	..
	2015	114	114	..	..	0	..
Botswana	2012	41	41	..	..	0	..
	2013	42	42	..	..	0	..
	2014	47	47	..	..	0	..
	2015	56	56	..	..	0	..
Burkina Faso	2012	121	121	..	..	0	..
	2013	123	123	..	..	0	..
	2014	124	124	..	..	0	..
	2015	126	126	..	..	0	..
Burundi	2012	54	53	..	..	0	..
	2013	56	56	..	..	0	..
	2014	56	56	..	..	1	..
	2015	56	55	..	..	0	..
Cabo Verde	2012	2	1	..	..	0	..
	2013	2	2	..	..	0	..
	2014	2	2	..	..	0	..
	2015	*2	*2	..	..	0	..
Cameroon	2012	348	195	131	9	13	..
	2013	373	200	142	16	15	..
	2014	406	205	161	23	16	..
	2015	446	210	205	12	18	..
Central African Rep.	2012	19	18	..	..	1	..
	2013	19	18	..	..	0	..
	2014	19	18	..	..	1	..
	2015	19	18	..	..	*1	..
Chad	2012	288	67	220	..	..	..
	2013	275	69	207	..	..	..
	2014	288	70	218	..	..	..
	2015	*225	71	*154	..	..	..
Comoros	2012	3	3	..	..	..	..
	2013	3	3	..	..	..	..
	2014	3	3	..	..	..	..
	2015	3	3	..	..	..	..
Congo	2012	676	59	606	7	4	..
	2013	612	61	541	8	3	..
	2014	648	62	574	8	3	..
	2015	623	64	548	8	3	..

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
213,905	213,972	6,837	7,763	772	537,635	76
216,576	220,010	6,935	8,037	374	540,751	75
216,107	217,474	7,155	8,148	3,205	547,128	75
222,873	225,014	7,396	8,659	2,469	551,688	75
6,085	22,675	297	268	41	29,949	27
6,407	20,939	290	247	-47	30,511	27
7,176	20,064	286	240	252	31,487	27
7,394	20,015	283	258	-43	32,123	27
221	4,231	22	11	-5	1,890	50
240	3,920	23	11	3	1,959	51
153	3,856	18	11	44	2,123	55
189	3,852	20	11	-33	2,221	56
197	3,559	8	15	3	580	26
203	3,605	9	10	0	581	25
241	3,496	10	15	8	613	25
225	*3,733	9	17	1	602	24
68	3	2	..	0	157	16
69	3	..	..	0	167	16
74	3	..	..	2	177	17
81	3	..	..	1	190	17
52	3	1	..	6	84	39
53	2	1	..	3	89	41
50	5	0	..	-7	98	44
42	6	0	..	*11	80	35
36	0	1	..	0	156	9
44	0	2	..	*2	162	9
41	0	1	..	*-2	165	9
49	0	1	..	*4	169	9
4	0	0	..	0	58	6
4	0	0	..	0	60	6
4	0	0	..	0	60	6
3	0	0	..	0	59	5
11	..	2	2	..	9	17
11	..	2	2	..	9	17
12	..	2	3	..	9	17
*12	..	*2	*2	..	*9	*17
95	103	3	2	0	335	15
74	152	3	2	0	290	13
104	180	3	2	..	325	14
110	224	4	2	..	326	14
*6	0	*1	..	..	23	5
*6	0	*1	..	..	23	5
*6	0	*1	..	..	23	5
*6	0	*1	..	..	23	5
*5	217	*1	..	..	75	6
*5	202	*1	..	..	77	6
*5	*213	*1	..	..	79	6
*5	*149	*1	..	..	*80	*6
*2	..	0	..	..	5	6
*3	..	0	..	..	*5	*7
*2	..	0	..	..	5	6
*3	..	0	..	..	5	7
9	577	2	..	0	106	25
13	527	2	..	-12	109	25
14	537	2	..	14	109	24
15	525	2	..	..	111	24

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
Côte d'Ivoire	2012	523	394	62	60	6	..
	2013	540	413	53	69	6	..
	2014	540	423	40	69	7	..
	2015	526	393	57	71	5	..
Dem. Rep. of the Congo	2012	1,112	1,034	51	..	27	..
	2013	1,149	1,071	48	..	30	..
	2014	1,179	1,103	45	..	32	..
	2015	1,218	1,141	44	..	32	..
Djibouti	2012	3	3	..	..	..	..
	2013	3	3	..	..	..	..
	2014	3	3	..	..	..	..
	2015	4	4	..	..	..	..
Egypt	2012	3,669	220	1,485	1,912	53	..
	2013	3,448	222	1,464	1,709	53	..
	2014	3,240	221	1,490	1,473	56	..
	2015	3,051	223	1,465	1,310	54	..
Equatorial Guinea	2012	818	4	586	228	0	..
	2013	800	4	575	221	0	..
	2014	842	4	604	232	2	..
	2015	879	4	641	*232	*2	..
Eritrea	2012	25	25	..	..	0	..
	2013	26	26	..	..	0	..
	2014	27	27	..	..	0	..
	2015	27	27	..	..	0	..
Ethiopia	2012	1,259	1,231	0	..	27	1
	2013	1,285	1,252	0	..	31	1
	2014	1,308	1,273	0	..	34	1
	2015	1,334	1,297	0	..	38	..
Gabon	2012	604	52	535	13	3	..
	2013	558	53	491	11	3	..
	2014	559	*53	491	12	3	..
	2015	556	*54	487	13	3	..
Gambia	2012	7	7	..	..	..	..
	2013	7	7	..	..	..	..
	2014	7	7	..	..	..	..
	2015	7	7	..	..	..	..
Ghana	2012	297	94	175	..	29	..
	2013	350	98	223	..	30	..
	2014	357	100	225	2	30	..
	2015	372	99	226	25	21	..
Guinea	2012	113	111	..	0	2	..
	2013	113	111	..	0	2	..
	2014	113	112	..	0	2	..
	2015	116	112	..	0	3	..
Guinea-Bissau	2012	24	24	..	..	..	..
	2013	25	25	..	..	..	..
	2014	25	25	..	..	..	..
	2015	25	25	..	..	..	..
Kenya	2012	*690	*621	..	..	15	55
	2013	*719	*638	..	..	16	64
	2014	750	632	..	..	13	105
	2015	761	585	..	..	*13	163
Lesotho	2012	30	29	..	..	2	..
	2013	31	29	..	..	2	..
	2014	31	29	..	..	2	..
	2015	31	29	..	..	2	..

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
151	144	3	1	-2	528	25
159	132	2	1	-2	566	26
149	106	3	2	-3	580	26
143	124	6	3	-6	543	24
40	51	6	..	..	1,095	16
57	48	7	..	..	1,151	16
78	45	10	..	..	1,202	16
43	46	5	..	..	1,209	16
*13	*1	*4	*1	..	*11	*13
*13	*1	*4	*1	..	*11	*13
*13	*1	*4	*1	..	*11	*13
*14	2	*4	*1	..	*10	*11
560	733	36	15	-5	3,450	40
688	663	25	10	0	3,438	39
901	603	29	7	-1	3,503	39
1,072	638	22	7	-1	3,457	38
*10	*751	*2	..	..	75	98
*10	*741	*2	..	..	68	85
*10	*778	*2	..	..	73	89
*10	*817	*1	..	..	*71	*84
7	..	0	..	0	33	7
7	..	0	..	0	33	7
8	..	0	..	0	34	7
8	..	0	..	..	36	7
110	2	14	..	2	1,351	15
129	3	15	..	1	1,394	15
148	3	17	..	-1	1,438	15
155	1	18	..	0	1,471	15
22	513	3	8	-1	102	63
27	467	3	8	0	107	65
28	468	3	8	..	109	64
23	463	3	8	..	106	62
7	0	*1	..	..	13	7
7	0	*1	..	..	13	7
8	0	*1	..	..	14	7
*8	0	*1	..	..	*14	*7
182	166	6	3	0	304	12
198	222	6	2	12	306	12
202	230	5	0	3	321	12
196	223	4	0	1	339	12
36	0	*1	..	..	148	13
32	0	*1	..	..	144	12
34	0	*1	..	..	146	12
38	0	*1	..	..	152	12
*5	0	0	..	..	29	17
*5	0	0	..	..	29	17
*5	0	*1	..	..	30	17
*5	0	*1	..	..	30	16
184	3	30	1	0	*841	*20
231	57	24	1	-1	*868	*20
591	422	9	1	0	909	20
434	232	13	0	0	949	21
*27	0	0	..	..	58	28
*27	0	0	..	..	58	28
*28	0	0	..	..	59	28
*28	0	0	..	..	59	27

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
Liberia	2012	69	69	..	..	..	..
	2013	71	71	..	..	..	..
	2014	73	73	..	..	..	..
	2015	76	76	..	..	..	..
Libya	2012	3,590	6	3,166	417	..	..
	2013	2,635	6	2,191	438	..	..
	2014	1,505	6	1,073	426	..	..
	2015	1,496	6	946	544	..	..
Madagascar	2012	124	121	..	..	3	..
	2013	127	124	..	..	3	..
	2014	129	126	..	..	3	..
	2015	132	129	..	..	3	..
Malawi	2012	67	60	..	..	7	..
	2013	67	60	..	..	7	..
	2014	68	61	..	..	7	..
	2015	68	61	..	..	*7	..
Mali	2012	53	51	..	..	3	..
	2013	53	49	..	..	4	..
	2014	55	52	..	..	*3	..
	2015	55	53	..	..	*3	..
Mauritania	2012	31	18	14	..	..	..
	2013	32	18	14	..	0	..
	2014	31	18	13	..	0	..
	2015	30	18	11	..	0	..
Mauritius	2012	10	10	..	0	0	..
	2013	10	10	..	0	0	..
	2014	10	10	..	0	0	..
	2015	12	11	..	0	1	..
Mayotte	2012	0	0	..	..	0	0
	2013	0	0	..	..	0	0
	2014	0	0	..	..	0	0
	2015	0	0	..	..	0	0
Morocco	2012	53	41	0	2	8	..
	2013	59	40	0	3	15	..
	2014	56	40	0	3	13	..
	2015	59	40	0	3	16	..
Mozambique	2012	674	488	..	132	55	..
	2013	738	537	..	147	53	..
	2014	776	558	..	160	59	..
	2015	810	577	..	171	62	..
Namibia	2012	18	13	..	..	5	0
	2013	19	13	..	..	6	0
	2014	19	14	..	..	5	0
	2015	20	14	..	..	5	0
Niger	2012	88	61	26	..	0	..
	2013	101	64	37	..	0	..
	2014	*101	*65	36	..	0	..
	2015	99	68	31	..	0	..
Nigeria	2012	11,097	4,522	5,145	1,409	20	..
	2013	10,406	4,549	4,567	1,271	19	..
	2014	10,585	4,552	4,562	1,451	19	..
	2015	10,603	4,674	4,414	1,494	21	..
Réunion	2012	8	5	..	0	3	1
	2013	9	5	..	0	3	1
	2014	9	5	..	0	2	1
	2015	9	5	..	0	3	1

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply		
		Aviation	Marine		Total	Per capita	
14	..	0	0	0	..	82	20
12	..	0	0	0	..	83	19
16	..	0	0	0	..	89	20
16	0	0	0	0	..	92	20
206	3,074	9	14	-17	..	716	114
236	2,235	7	10	-185	..	805	129
341	1,020	5	4	74	..	743	119
355	824	3	*3	..	..	1,022	163
39	0	*2	*1	1	..	159	7
42	0	*2	*1	0	..	166	7
*44	0	*2	*1	0	..	171	7
49	0	*2	*1	0	..	179	7
13	0	0	..	..	..	79	5
13	0	0	..	..	..	80	5
13	0	0	..	..	..	81	5
11	0	0	..	..	..	78	5
*34	*1	*2	..	..	..	84	5
*37	*1	*2	..	..	..	87	5
*39	*1	*2	..	..	..	91	5
*43	*1	*2	..	..	..	95	5
34	15	1	..	*-1	..	51	13
30	*14	1	..	..	..	48	12
37	*13	1	..	..	..	54	14
*36	*11	*1	..	..	..	*54	*13
68	..	5	11	1	..	62	49
72	..	5	11	2	..	64	50
70	..	5	12	-2	..	65	51
75	..	6	12	3	..	67	52
4	..	0	0	..	..	4	19
4	..	0	0	..	..	4	20
5	..	0	0	..	..	5	20
5	..	0	0	..	..	5	21
868	48	21	6	81	..	765	23
840	58	24	6	44	..	767	23
868	51	27	6	64	..	777	23
806	20	28	6	15	..	796	23
66	244	3	..	42	..	451	18
88	277	3	..	67	..	478	18
110	298	5	..	35	..	549	20
89	317	*2	..	*41	..	538	19
54	4	*2	..	0	..	66	29
45	4	*1	..	0	..	59	25
61	5	2	..	..	..	74	31
63	5	2	..	0	..	76	31
4	7	1	..	0	..	84	5
4	16	1	..	0	..	87	5
5	*12	1	..	1	..	*92	*5
7	*10	2	..	0	..	95	5
380	5,932	8	17	-65	..	5,586	33
361	5,130	15	15	3	..	5,605	32
349	5,299	13	16	-26	..	5,631	32
433	5,279	15	15	-107	..	5,832	32
52	..	*2	0	-2	..	59	70
50	..	*2	0	0	..	57	67
51	..	*2	0	-1	..	58	68
54	..	*2	1	1	..	59	69

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
Rwanda	2012	*81	*80	..	0	1	..
	2013	*83	*83	..	0	1	..
	2014	*84	*83	..	0	1	..
	2015	*85	*84	..	0	1	..
Sao Tome and Principe	2012	1	1	..	..	0	..
	2013	1	1	..	..	0	..
	2014	1	1	..	..	0	..
	2015	1	1	..	..	0	..
Senegal	2012	92	89	..	1	..	1
	2013	75	73	..	2	0	1
	2014	77	75	..	2	0	1
	2015	80	77	..	2	0	1
Seychelles	2012	0	0	..	..	..	..
	2013	0	0	..	..	0	..
	2014	0	0	..	..	0	..
	2015	0	0	..	..	0	..
Sierra Leone	2012	52	52	..	..	0	..
	2013	53	52	..	..	0	..
	2014	53	53	..	..	0	..
	2015	54	53	..	..	0	..
Somalia	2012	128	128	..	..	..	..
	2013	128	128	..	..	..	..
	2014	129	129	..	..	..	..
	2015	129	129	..	..	..	..
South Africa	2012	6,992	6,804	11	40	5	132
	2013	6,997	6,783	9	43	5	156
	2014	7,110	6,888	13	37	18	153
	2015	7,049	6,837	13	43	19	137
South Sudan	2012	74	8	66	..	0	..
	2013	217	8	210	..	0	..
	2014	337	8	329	..	0	..
	2015	321	8	313	..	0	..
St. Helena and Depend.	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
	2014	0	0	..	..	0	..
	2015	0	0	..	..	0	..
Sudan	2012	619	379	216	..	24	..
	2013	679	387	261	..	30	..
	2014	682	396	254	..	32	..
	2015	658	405	222	..	30	..
Swaziland	2012	37	36	..	..	1	..
	2013	38	37	..	..	1	..
	2014	37	36	..	..	1	..
	2015	38	37	..	..	1	..
Togo	2012	105	104	..	..	1	..
	2013	108	107	..	..	0	..
	2014	111	110	..	..	0	..
	2015	113	113	..	..	0	..
Tunisia	2012	309	40	145	119	1	5
	2013	298	40	134	118	2	5
	2014	274	40	120	108	2	4
	2015	260	40	108	105	2	5
Uganda	2012	521	512	..	..	9	..
	2013	548	536	..	..	12	..
	2014	573	561	..	..	12	..
	2015	595	584	..	..	12	..

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
11	0	*1	..	..	*91	*8
12	0	*1	..	..	*94	*9
12	0	*1	..	..	*96	*8
14	0	*1	..	..	*97	*8
*2	..	0	..	..	*3	*15
*2	..	0	..	..	*3	*14
*2	..	0	..	..	*3	*14
*2	..	0	..	..	*3	*14
90	4	9	3	-2	168	12
100	7	11	3	-2	155	11
107	8	12	3	-1	163	11
114	8	12	3	-1	171	11
14	..	1	7	..	6	61
12	0	1	7	..	5	48
15	0	*1	*7	..	6	62
15	0	*2	*7	..	6	65
13	..	0	..	..	65	11
15	..	0	..	..	67	11
17	..	0	..	..	69	11
*13	0	0	..	..	67	10
*11	6	2	*1	..	130	13
*11	0	2	*1	..	137	13
*11	0	2	*1	..	137	13
*11	0	2	*1	..	137	13
1,404	1,975	38	145	6	6,231	118
1,415	1,976	38	140	18	6,240	117
1,391	1,839	37	136	-12	6,501	120
1,510	2,001	41	151	-1	6,367	117
20	66	1	..	..	27	2
21	209	2	..	..	28	2
22	328	2	..	..	29	2
15	311	1	..	..	23	2
0	..	..	..	..	0	41
0	..	..	..	..	0	40
0	..	..	..	..	0	*39
0	..	..	..	..	0	*37
48	67	10	1	0	590	16
49	103	*8	1	*-1	617	16
45	90	11	1	0	626	16
66	58	11	1	0	655	16
*16	*6	0	..	..	46	38
21	8	0	..	..	51	41
16	6	0	..	..	47	37
*17	*6	0	..	..	49	38
27	..	3	1	-2	130	19
29	..	3	1	-2	134	19
30	..	3	1	-2	139	19
31	..	4	1	-3	143	20
281	153	12	1	1	422	39
281	134	12	0	2	430	39
309	134	12	1	2	435	39
317	110	9	0	7	452	40
51	0	5	..	..	567	16
53	0	*4	..	..	596	16
58	1	5	..	..	625	17
64	0	4	..	..	655	17

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
United Rep. of Tanzania	2012	836	795	..	34	6	..
	2013	882	842	..	34	6	..
	2014	928	887	..	32	9	..
	2015	958	920	..	31	8	..
Zambia	2012	346	301	..	..	44	..
	2013	362	314	..	..	48	..
	2014	374	324	..	..	51	..
	2015	385	339	..	..	47	..
Zimbabwe	2012	353	334	..	..	19	..
	2013	400	382	..	..	18	..
	2014	482	462	1	..	19	..
	2015	449	430	1	..	18	..
America, North	2012	104,811	26,554	32,045	32,144	3,185	10,883
	2013	107,868	26,043	34,793	32,428	3,334	11,269
	2014	114,238	26,493	38,540	34,384	3,409	11,412
	2015	114,073	23,800	39,923	35,522	3,440	11,387
Anguilla	2012	0	0	..	..	..	..
	2013	0	0	..	..	..	..
	2014	0	0	..	..	..	..
	2015	0	0	..	..	..	..
Antigua and Barbuda	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
Aruba	2012	*4	0	*3	..	0	..
	2013	*1	0	0	..	0	..
	2014	*1	0	0	..	0	..
	2015	*1	0	0	..	0	..
Bahamas	2012	0	0	..	..	..	..
	2013	0	0	..	..	..	..
	2014	0	0	..	..	..	..
	2015	0	0	..	..	..	..
Barbados	2012	3	1	2	1	..	..
	2013	3	1	1	1	..	..
	2014	2	1	1	0	..	..
	2015	3	0	1	1	..	..
Belize	2012	12	4	6	0	*1	..
	2013	10	4	5	0	*1	..
	2014	9	4	4	0	*1	..
	2015	9	5	3	0	*1	..
Bermuda	2012	*1	*1	..	..	..	..
	2013	*1	*1	..	..	..	..
	2014	*1	*1	..	..	..	..
	2015	*1	*1	..	..	..	..
Bonaire, St Eustatius, Saba	2012	0	..	..	..	0	..
	2013	0	..	..	..	0	..
	2014	0	..	..	..	0	..
	2015	0	..	..	..	0	..
British Virgin Islands	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
	2014	0	0	..	..	0	..
	2015	0	0	..	..	0	..
Canada	2012	17,509	1,943	7,682	5,445	1,413	1,026
	2013	18,308	2,032	8,203	5,474	1,480	1,119
	2014	19,322	2,058	8,861	5,777	1,466	1,160
	2015	19,321	1,790	9,116	5,843	1,476	1,097

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
96	..	5	2	..	924	19
121	..	6	2	..	995	20
119	..	6	2	..	1,039	20
138	..	7	3	..	1,087	20
45	6	2	..	-1	383	26
44	7	2	..	-1	398	26
42	6	2	..	-6	415	26
52	5	2	..	..	430	27
58	9	0	..	..	402	28
67	13	0	..	..	454	30
59	10	0	..	67	464	30
58	10	1	..	24	472	30
34,609	25,991	1,168	914	-170	111,516	200
32,471	26,829	1,177	991	-1,541	112,882	200
30,945	27,305	1,216	914	903	114,844	202
32,194	28,612	1,280	861	2,067	113,447	198
*2	..	..	..	..	*2	*140
*2	..	..	..	..	*2	*118
*2	..	..	..	..	*2	*136
*2	..	..	..	..	*2	*151
*10	0	2	0	..	*8	*85
*10	0	*2	0	..	*8	*84
*10	0	*2	0	..	*8	*84
*10	0	*2	0	..	*8	*85
*122	*105	*4	0	..	*17	*168
*16	0	*4	0	..	*12	*119
*16	0	*4	0	..	*12	*120
*16	0	*4	0	..	*13	*123
38	0	*4	*6	..	28	75
54	0	*3	*6	*4	41	109
38	0	*2	*6	*-4	34	89
*37	0	*2	*6	*-5	*34	*87
24	2	*5	..	0	20	70
24	1	*6	..	0	19	68
21	1	*6	..	0	17	58
22	1	*6	..	1	17	58
7	6	0	..	0	13	37
8	4	1	..	0	13	37
8	4	1	..	0	13	37
9	3	1	..	0	15	41
8	..	*1	0	*2	6	90
8	..	*1	0	0	8	120
10	..	*1	0	0	10	153
8	..	*1	0	0	8	133
*14	..	0	*8	..	*5	*220
*14	..	0	*9	..	*5	*219
*14	..	0	*9	..	*5	*214
*14	..	0	*9	..	*5	*212
*2	..	..	..	..	*2	*87
*2	..	..	..	..	*2	*85
*3	..	..	..	..	*3	*85
*3	..	..	..	..	*3	*84
3,842	10,300	42	17	-78	11,070	317
3,572	10,820	34	18	-154	11,162	317
3,371	10,921	34	15	176	11,546	324
3,568	11,651	36	7	44	11,151	310

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
Cayman Islands	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
Costa Rica	2012	106	27	1	0	28	50
	2013	110	28	1	0	26	55
	2014	110	28	1	0	27	55
	2015	110	27	1	0	33	50
Cuba	2012	206	42	127	36	0	..
	2013	202	41	123	37	0	..
	2014	212	47	123	42	0	..
	2015	212	48	120	44	0	..
Curaçao	2012	0	..	..	..	0	..
	2013	0	..	..	..	0	..
	2014	0	..	..	..	0	..
	2015	0	..	..	..	0	..
Dominica	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
	2014	0	0	..	..	0	..
	2015	0	0	..	..	0	..
Dominican Republic	2012	29	23	..	..	7	..
	2013	29	22	..	..	8	..
	2014	28	23	..	..	6	..
	2015	25	21	..	..	5	..
El Salvador	2012	91	29	..	..	7	55
	2013	86	23	..	1	6	56
	2014	86	24	..	0	6	56
	2015	87	26	..	1	5	55
Greenland	2012	1	0	..	..	1	..
	2013	1	0	..	..	1	..
	2014	2	0	..	..	1	..
	2015	2	0	..	..	2	..
Grenada	2012	0	0	..	..	..	..
	2013	0	0	..	..	..	..
	2014	0	0	..	..	..	..
	2015	0	0	..	..	..	..
Guadeloupe	2012	4	*2	..	..	1	2
	2013	5	*2	..	..	1	3
	2014	5	*2	..	..	1	3
	2015	5	2	..	..	1	3
Guatemala	2012	309	259	24	..	16	9
	2013	310	264	21	..	17	8
	2014	327	280	21	..	17	9
	2015	316	269	21	..	18	9
Haiti	2012	140	139	..	..	1	..
	2013	140	139	..	..	1	..
	2014	136	135	..	..	0	..
	2015	139	138	..	..	0	..
Honduras	2012	104	93	..	..	11	..
	2013	106	95	..	..	11	..
	2014	105	95	..	..	11	..
	2015	113	102	..	..	11	..
Jamaica	2012	7	6	..	..	1	..
	2013	7	6	..	..	1	..
	2014	8	7	..	..	1	..
	2015	*8	*7	..	..	2	..

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
8	..	*1	..	..	8	134
8	..	0	..	..	8	131
8	..	0	..	..	8	132
9	..	1	..	..	8	132
106	5	*7	..	-1	201	43
109	5	*7	..	-2	210	45
113	3	*7	..	1	213	45
107	3	*7	..	0	207	43
343	64	*5	*1	..	478	42
333	77	*5	*1	..	451	40
330	81	*5	*1	..	454	40
325	*51	*5	*1	..	480	42
486	332	3	65	..	87	570
496	351	3	65	..	77	499
524	370	3	66	..	85	545
508	347	3	65	..	93	592
2	0	0	0	0	2	34
*2	0	0	0	0	*2	*33
*2	0	0	0	0	*2	*34
*3	0	0	0	0	*3	*37
304	..	18	..	4	311	31
296	..	19	..	-2	309	30
293	..	21	..	0	301	29
324	..	22	..	0	328	31
87	0	4	..	-3	177	29
88	1	6	..	0	167	27
91	2	7	..	-1	170	28
100	1	7	..	-1	180	29
9	..	..	1	0	9	165
9	..	..	1	0	9	165
8	..	..	1	0	9	154
8	..	..	0	1	9	158
4	..	0	..	0	4	39
5	..	0	..	0	5	44
4	..	0	..	0	4	35
4	..	0	..	0	4	38
33	..	*5	..	..	32	70
33	..	*4	..	..	34	72
31	..	*4	..	..	32	68
32	..	*5	..	..	33	71
163	25	2	13	6	425	28
176	28	2	14	3	439	28
199	34	1	15	12	465	29
237	38	3	16	20	476	29
33	..	2	..	..	170	17
35	..	4	..	-1	171	16
39	..	1	..	0	174	16
41	..	1	..	0	179	17
131	18	2	0	0	214	28
134	20	2	0	0	217	28
133	20	3	0	-9	224	28
121	21	3	0	-29	237	29
119	9	8	3	1	105	38
122	8	8	2	-1	113	41
113	7	9	1	1	104	37
119	2	8	8	1	108	39

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
Martinique	2012	*1	*1	..	..	0	..
	2013	*1	*1	..	..	0	..
	2014	*1	*1	..	..	0	..
	2015	*1	*1	..	..	0	..
Mexico	2012	8,886	677	6,062	1,709	128	311
	2013	8,843	694	5,983	1,697	116	353
	2014	8,514	689	5,771	1,562	164	329
	2015	8,006	694	5,366	1,441	143	362
Montserrat	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
Nicaragua	2012	78	57	..	..	3	19
	2013	89	61	..	..	4	24
	2014	91	62	..	..	4	24
	2015	92	64	..	..	4	24
Panama	2012	31	12	..	..	19	..
	2013	31	13	..	..	19	..
	2014	31	12	..	..	19	..
	2015	36	12	..	..	24	..
Puerto Rico	2012	1	..	..	..	1	..
	2013	1	..	..	..	1	..
	2014	1	..	..	..	1	..
	2015	1	..	..	..	1	..
Sint Maarten (Dutch part)	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
St. Kitts-Nevis	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
	2014	0	0	..	..	0	..
	2015	0	0	..	..	0	..
St. Lucia	2012	0	0	..	..	..	..
	2013	0	0	..	..	..	..
	2014	0	0	..	..	..	..
	2015	0	0	..	..	..	..
St. Pierre-Miquelon	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
	2014	0	0	..	..	0	..
	2015	0	0	..	..	0	..
St. Vincent-Grenadines	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
	2014	0	0	..	..	0	..
	2015	0	0	..	..	0	..
Trinidad and Tobago	2012	1,670	0	232	1,438	..	..
	2013	1,673	0	229	1,444	..	..
	2014	1,663	0	227	1,436	..	..
	2015	1,577	0	217	1,360	..	..
Turks and Caicos Islands	2012	0	0	..	..	..	..
	2013	0	0	..	..	..	..
	2014	0	0	..	..	..	..
	2015	0	0	..	..	..	..
United States	2012	75,618	23,240	17,904	23,515	1,547	9,412
	2013	77,910	22,617	20,228	23,774	1,640	9,652
	2014	83,581	23,026	23,530	25,565	1,682	9,777
	2015	84,007	20,595	25,078	26,834	1,714	9,787

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
41	*6	*4	*2	..	30	77
*41	*6	*4	*2	..	*30	*76
*43	*6	*4	*3	..	*31	*79
*43	*6	*4	*2	..	*31	*79
2,353	3,122	120	39	14	7,944	65
2,350	3,048	126	34	9	7,976	64
2,480	2,961	134	35	45	7,818	62
2,951	2,955	143	36	-60	7,883	62
1	..	0	0	0	1	118
1	..	0	0	0	1	146
1	..	0	0	0	1	133
1	..	0	0	0	1	149
62	1	1	..	0	138	24
59	1	1	..	2	144	24
63	1	1	..	0	152	25
74	1	1	..	0	165	27
272	0	19	*141	-10	153	41
286	0	22	134	-12	173	45
270	0	26	122	-15	167	43
267	1	28	124	-21	171	44
48	..	..	..	..	48	13
55	..	..	..	..	56	15
55	..	..	..	..	56	15
58	..	..	..	..	60	16
*21	..	*2	*8	..	*11	*311
*21	..	2	*8	..	*11	*306
*21	..	*2	*8	..	*11	*303
*22	..	*2	*8	..	*12	*305
3	..	0	..	0	3	60
*3	..	0	..	..	*3	*59
*3	..	0	..	..	*3	*60
*4	..	0	..	..	*3	*60
6	..	..	0	..	6	33
6	..	..	0	..	6	33
6	..	..	0	..	6	33
6	..	..	0	..	6	33
*1	..	..	0	..	*1	*158
*1	..	..	0	..	*1	*163
*1	..	..	0	..	*1	*175
*1	..	..	0	..	*1	*175
4	0	0	..	..	4	34
3	0	0	..	..	3	29
*3	0	0	..	..	*3	*30
*3	0	0	..	..	*3	*31
142	977	7	19	0	809	603
177	1,005	12	23	-13	824	611
126	945	9	19	-6	822	607
171	890	11	23	9	816	600
*3	0	..	..	..	*3	*80
*3	..	..	..	..	*3	*79
*3	..	..	..	..	*3	*83
*3	..	..	..	..	*3	*84
25,757	11,018	900	589	-104	88,971	283
23,911	11,454	901	672	-1,374	90,168	284
22,488	11,948	929	612	703	91,877	288
22,962	12,640	976	552	2,110	90,691	282

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					Heat
		Total	Solids	Liquids	Gases	Electricity	
United States Virgin Is.	2012	0	..	..	..	0	..
	2013	0	..	..	..	0	..
	2014	0	..	..	..	0	..
	2015	0	..	..	..	0	..
America, South	2012	30,603	6,418	16,639	4,766	2,536	244
	2013	30,966	6,658	17,038	4,561	2,470	238
	2014	31,216	6,537	17,230	4,740	2,475	234
	2015	31,660	6,763	17,602	4,626	2,428	241
Argentina	2012	3,160	101	1,453	1,430	107	69
	2013	2,981	96	1,393	1,304	120	67
	2014	3,065	101	1,391	1,362	150	62
	2015	3,100	97	1,381	1,405	139	77
Bolivia (Plur. State of)	2012	805	37	118	641	8	..
	2013	910	37	135	729	9	..
	2014	959	39	145	767	8	..
	2015	871	38	142	682	9	..
Brazil	2012	10,305	2,886	5,097	635	1,513	173
	2013	10,360	2,961	5,091	709	1,431	167
	2014	10,965	2,972	5,684	754	1,388	166
	2015	11,456	3,028	6,125	770	1,373	159
Chile	2012	544	405	21	43	74	1
	2013	626	495	21	35	73	2
	2014	539	398	18	30	90	3
	2015	540	390	12	39	98	1
Colombia	2012	5,285	2,581	2,053	479	172	..
	2013	5,702	2,654	2,419	469	160	..
	2014	5,397	2,591	2,198	447	162	..
	2015	5,593	2,770	2,274	387	162	..
Ecuador	2012	1,114	32	989	48	44	0
	2013	1,249	31	1,125	51	42	0
	2014	1,324	33	1,189	60	42	0
	2015	1,297	36	1,161	52	48	0
Falkland Is. (Malvinas)	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
	2014	0	0	..	..	0	..
	2015	0	0	..	..	0	..
French Guiana	2012	3	1	..	..	2	..
	2013	3	1	..	..	2	..
	2014	3	1	..	..	2	..
	2015	3	1	..	..	2	..
Guyana	2012	8	8	..	..	..	..
	2013	7	7	..	..	..	..
	2014	7	7	..	..	..	..
	2015	7	7	..	..	..	..
Paraguay	2012	344	124	3	..	217	..
	2013	340	119	4	..	217	..
	2014	324	121	4	..	199	..
	2015	329	124	5	..	201	..
Peru	2012	898	97	288	432	79	1
	2013	953	117	308	444	80	2
	2014	1,019	118	320	497	81	2
	2015	961	115	276	479	88	4
Suriname	2012	40	2	34	0	4	..
	2013	41	2	35	0	4	..
	2014	40	2	35	0	3	..
	2015	40	2	36	0	3	..

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
..	..	..	..	..	0	0
..	..	..	..	..	0	0
..	..	..	..	..	0	*1
..	..	..	..	..	0	*1
5,797	12,615	289	320	-142	23,319	57
6,220	12,821	290	322	9	23,743	58
6,288	12,450	299	319	150	24,284	59
5,944	13,103	285	417	-63	23,862	57
600	294	31	70	-17	3,382	80
704	191	38	72	4	3,379	79
797	235	38	64	6	3,519	82
759	186	38	38	-12	3,610	83
42	530	2	..	1	314	31
41	631	2	..	-1	318	31
46	664	3	..	0	338	32
42	573	3	..	1	337	31
2,950	1,462	94	159	-91	11,631	57
3,200	1,199	98	143	-30	12,149	59
3,314	1,425	105	146	41	12,562	61
3,033	1,882	103	174	-20	12,350	59
1,074	36	29	7	-5	1,551	89
1,115	67	26	9	26	1,613	92
1,039	77	27	8	6	1,459	82
1,042	45	23	5	4	1,504	84
140	3,899	*54	*7	0	1,465	31
158	4,241	44	34	18	1,522	32
199	3,867	46	37	121	1,525	32
125	4,107	31	144	-38	1,475	31
225	815	14	18	0	493	32
257	860	16	16	2	611	39
301	921	11	18	-2	677	43
296	908	15	14	4	651	40
*1	..	..	..	..	*1	*259
*1	..	..	..	..	*1	*258
*1	..	..	..	..	*1	*257
*1	..	..	..	..	*1	*257
*9	..	1	..	..	*11	*45
*10	..	1	..	..	*12	*47
*11	..	1	..	..	*13	*49
*10	..	*1	..	..	*12	*46
28	..	1	..	0	36	47
27	..	0	..	0	34	45
28	..	0	..	0	35	46
28	..	1	..	0	35	45
73	177	1	..	2	237	37
68	175	1	..	-5	237	37
78	153	2	..	1	246	38
84	151	1	..	0	260	39
332	412	29	9	-55	836	28
347	475	32	..	-38	831	27
314	371	35	..	12	915	30
340	331	34	..	-2	937	30
25	24	*2	*2	0	38	73
27	29	*2	*1	0	36	68
27	28	*2	*1	0	36	68
23	31	*2	*1	0	29	54

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
Uruguay	2012	83	62	1	..	20	..
	2013	95	63	2	..	30	..
	2014	113	73	2	..	37	..
	2015	*126	*86	3	..	37	..
Venezuela (Bolivar. Rep.)	2012	8,013	81	6,581	1,056	295	..
	2013	7,698	73	6,504	820	301	..
	2014	7,460	80	6,243	823	314	..
	2015	7,337	69	6,187	811	270	..
Asia	2012	253,615	124,793	78,182	40,374	5,515	4,752
	2013	257,286	127,050	78,031	41,334	6,137	4,733
	2014	259,212	126,231	78,494	42,642	6,672	5,172
	2015	263,383	124,251	81,518	44,793	7,240	5,581
Afghanistan	2012	56	47	..	6	3	..
	2013	59	51	..	5	*3	..
	2014	63	55	..	5	*3	..
	2015	60	52	..	5	*3	..
Armenia	2012	52	19	..	..	8	25
	2013	47	14	..	..	8	25
	2014	50	16	..	..	7	27
	2015	46	7	..	..	8	30
Azerbaijan	2012	2,476	4	1,860	606	7	..
	2013	2,502	6	1,862	629	5	..
	2014	2,475	6	1,803	662	5	..
	2015	2,472	6	1,784	676	6	..
Bahrain	2012	828	0	382	446	..	..
	2013	911	0	432	479	..	..
	2014	961	0	443	519	..	..
	2015	957	0	441	517	..	..
Bangladesh	2012	1,351	602	10	736	3	..
	2013	1,414	606	11	794	4	..
	2014	1,438	610	11	814	3	..
	2015	1,509	606	13	887	3	..
Bhutan	2012	72	48	..	..	25	..
	2013	75	48	..	..	28	..
	2014	75	49	..	..	25	..
	2015	77	49	..	..	28	..
Brunei Darussalam	2012	773	0	333	440	0	..
	2013	710	0	282	427	0	..
	2014	679	0	264	415	0	..
	2015	673	0	279	394	0	..
Cambodia	2012	165	163	..	..	2	..
	2013	171	167	..	..	4	..
	2014	178	172	..	..	7	..
	2015	184	177	..	..	7	..
China	2012	99,315	81,958	9,056	3,764	3,485	1,052
	2013	101,417	82,989	9,195	4,186	3,841	1,205
	2014	101,498	81,774	9,273	4,572	4,448	1,431
	2015	100,864	80,044	9,334	4,765	4,877	1,845
China, Hong Kong SAR	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
China, Macao SAR	2012	*2	*2	..	..	..	..
	2013	*2	*2	..	..	..	..
	2014	*2	*2	..	..	..	..
	2015	*2	*2	..	..	..	..

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
146	4	4	12	8	202	60
109	2	3	10	-7	197	58
103	6	3	9	-1	199	58
105	5	4	7	3	212	62
151	4,962	26	37	17	3,122	105
156	4,951	26	37	39	2,802	93
31	4,702	26	36	-33	2,760	90
56	4,884	29	33	-2	2,449	79
97,363	87,001	2,654	4,033	1,023	256,267	60
101,892	91,450	2,756	4,228	1,779	258,965	60
103,669	89,596	2,916	4,070	1,400	264,900	61
106,652	91,236	3,068	4,477	130	271,125	62
114	1	0	..	..	169	6
88	*1	0	..	..	145	5
74	*2	0	..	..	135	4
87	*2	0	..	..	145	4
103	9	*2	..	..	145	49
99	7	*2	..	..	138	46
98	5	*2	..	..	141	47
95	10	*1	..	1	129	43
2	1,886	16	4	13	559	60
6	1,908	17	3	11	569	60
12	1,893	15	3	-9	585	61
12	1,889	12	2	-22	603	62
484	796	25	..	3	489	367
475	817	18	..	0	551	408
458	848	17	..	-5	559	410
474	837	19	..	-4	579	420
236	6	14	4	-34	1,598	10
235	5	14	4	1	1,627	10
258	4	14	4	-13	1,687	11
295	2	15	4	-6	1,789	11
8	19	0	..	..	62	83
9	20	0	..	..	63	84
9	19	0	..	..	64	84
7	21	0	..	..	63	82
16	621	4	3	1	160	396
13	588	4	3	0	127	310
16	538	3	3	3	149	357
14	566	4	4	0	114	269
81	..	3	..	..	243	16
83	..	3	..	..	251	17
92	..	4	..	..	267	17
115	..	4	..	..	295	19
20,015	1,659	262	360	1,324	115,726	85
21,366	1,884	280	312	1,895	118,412	87
22,210	1,980	307	289	1,444	119,688	87
21,992	2,410	334	374	-187	119,926	87
1,274	43	302	347	9	573	81
1,291	32	306	361	6	585	82
1,249	25	318	316	-10	599	83
1,368	34	334	360	58	583	80
32	..	..	*3	0	31	56
32	..	..	*3	0	30	54
34	..	..	3	0	34	58
41	..	..	3	1	40	68

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
Cyprus	2012	4	0	0	0	1	3
	2013	5	0	0	0	1	3
	2014	5	1	0	0	1	3
	2015	5	0	0	0	1	3
Georgia	2012	48	20	2	0	26	0
	2013	63	30	2	0	30	1
	2014	61	28	2	0	30	1
	2015	58	25	2	0	30	*1
India	2012	23,320	19,223	1,801	1,429	512	355
	2013	22,401	18,384	1,789	1,216	643	370
	2014	23,103	19,253	1,728	1,151	581	390
	2015	23,538	19,726	1,740	*1,097	571	404
Indonesia	2012	17,498	12,271	2,025	2,817	46	339
	2013	19,088	14,178	1,972	2,537	61	339
	2014	18,457	13,678	1,930	2,421	68	360
	2015	17,926	13,403	1,922	2,380	63	158
Iran (Islamic Rep. of)	2012	12,506	112	6,818	5,511	46	20
	2013	12,540	112	6,792	5,533	54	49
	2014	13,368	113	6,951	6,205	51	48
	2015	13,637	116	6,893	6,545	52	31
Iraq	2012	6,448	2	6,190	241	16	..
	2013	6,514	2	6,256	239	17	..
	2014	6,772	2	6,528	231	11	..
	2015	7,565	2	7,316	238	*9	..
Israel	2012	136	1	1	87	1	46
	2013	241	2	3	221	2	14
	2014	283	2	3	260	3	15
	2015	308	2	3	284	4	15
Japan	2012	1,169	412	25	128	314	291
	2013	1,161	456	22	116	348	218
	2014	1,099	462	21	101	401	115
	2015	1,269	480	19	100	454	216
Jordan	2012	8	3	0	5	0	..
	2013	7	3	0	4	0	..
	2014	7	3	0	4	0	..
	2015	8	3	0	4	1	..
Kazakhstan	2012	7,030	2,212	3,375	1,415	28	..
	2013	7,198	2,198	3,483	1,489	28	..
	2014	7,092	2,093	3,443	1,525	30	..
	2015	7,338	1,975	3,933	1,397	34	..
Korea, Dem.Ppl's.Rep.	2012	849	800	..	..	49	..
	2013	853	803	..	..	50	..
	2014	871	825	..	..	47	..
	2015	788	752	..	..	36	..
Korea, Republic of	2012	1,908	196	34	26	22	1,631
	2013	1,799	206	31	27	27	1,508
	2014	2,024	236	43	21	25	1,699
	2015	2,116	241	44	15	28	1,789
Kuwait	2012	7,136	0	6,591	545	..	..
	2013	7,107	0	6,549	558	..	..
	2014	6,943	0	6,429	514	..	..
	2015	7,003	0	6,425	578	..	..
Kyrgyzstan	2012	73	18	3	1	51	..
	2013	74	22	4	1	47	..
	2014	80	28	3	1	48	..
	2015	75	30	5	1	40	..

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
111	0	12	8	1	94	83
98	0	10	10	1	82	71
96	0	10	10	-2	83	72
104	1	10	10	3	85	73
121	4	2	..	0	164	40
113	5	4	..	0	167	41
136	5	4	..	0	188	47
160	17	3	..	1	197	49
12,470	3,005	208	0	-28	32,604	26
13,929	3,016	170	53	-103	33,195	26
15,057	2,716	*167	*54	-169	35,391	27
16,187	2,729	*193	57	48	36,697	28
2,199	10,206	32	8	-72	9,522	38
2,378	13,082	39	15	62	8,267	33
2,487	12,681	57	12	282	7,912	31
2,549	11,023	37	12	-48	9,452	37
251	3,679	50	79	-107	9,055	119
315	3,506	52	126	-30	9,201	119
403	3,611	56	150	-32	9,986	128
478	3,863	58	197	7	9,989	126
533	5,052	14	7	4	1,904	58
572	4,991	17	7	19	2,051	60
649	5,247	23	8	87	2,055	58
572	6,259	23	9	-152	1,997	55
1,098	164	35	13	11	1,012	132
1,055	286	47	10	21	931	119
954	295	35	6	10	891	112
978	279	38	11	2	955	118
18,778	587	268	161	51	18,880	149
18,976	745	272	159	-21	18,981	149
18,267	662	266	141	-121	18,418	145
17,884	780	268	171	-50	17,984	142
337	0	6	1	7	332	47
317	0	*6	0	-10	328	45
355	0	6	0	5	352	47
364	1	4	0	5	362	48
550	*4,215	9	0	107	3,249	193
641	4,202	7	0	80	3,550	208
308	4,020	10	..	16	3,354	193
311	4,418	13	..	-41	3,258	185
69	315	..	..	..	603	24
44	439	..	..	..	459	18
44	411	..	..	..	505	20
70	527	..	..	..	332	13
12,002	2,459	168	341	-49	10,992	222
12,147	2,380	177	333	49	11,007	221
12,181	2,472	178	339	51	11,165	223
12,507	2,632	183	378	67	11,364	226
91	5,609	28	45	-21	1,566	458
75	5,712	27	46	-21	1,418	394
115	5,663	31	47	-22	1,339	357
138	5,582	30	57	14	1,458	375
116	11	1	..	4	174	31
108	10	2	..	2	167	29
103	10	0	..	2	171	29
118	10	5	..	12	167	28

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
Lao People's Dem. Rep.	2012	*131	*85	..	..	46	..
	2013	*141	*85	..	..	56	..
	2014	141	85	..	..	56	..
	2015	185	133	..	..	51	..
Lebanon	2012	9	5	..	..	4	1
	2013	10	5	..	..	5	1
	2014	7	5	..	..	1	1
	2015	8	5	..	..	2	1
Malaysia	2012	3,369	115	1,291	1,931	33	..
	2013	3,529	117	1,240	2,133	39	..
	2014	3,738	104	1,303	2,281	49	..
	2015	3,748	101	1,418	2,178	51	..
Maldives	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
	2014	0	0	..	..	0	..
	2015	0	0	..	..	0	..
Mongolia	2012	780	761	18	..	..	..
	2013	799	774	26	..	..	..
	2014	677	640	37	..	..	..
	2015	654	610	44	..	..	..
Myanmar	2012	961	473	36	424	28	..
	2013	974	471	36	435	32	..
	2014	1,076	474	34	535	32	..
	2015	1,141	437	28	642	34	..
Nepal	2012	365	348	..	4	13	..
	2013	409	391	..	7	11	..
	2014	451	431	..	7	13	..
	2015	430	405	..	12	13	..
Oman	2012	3,014	0	1,917	1,097	..	..
	2013	3,150	0	1,964	1,186	..	..
	2014	3,101	0	1,966	1,134	..	..
	2015	3,481	0	2,080	1,401	..	..
Other Asia	2012	551	65	5	14	26	441
	2013	562	64	5	12	27	454
	2014	566	66	3	12	23	462
	2015	511	74	3	11	25	398
Pakistan	2012	2,340	613	168	1,401	109	49
	2013	2,379	630	191	1,390	116	53
	2014	2,390	637	208	1,364	118	63
	2015	2,415	666	193	1,379	128	50
Philippines	2012	967	392	35	134	37	369
	2013	933	392	35	123	36	346
	2014	986	406	45	130	34	371
	2015	999	402	43	122	34	398
Qatar	2012	9,184	0	3,269	5,915	..	..
	2013	9,271	0	3,252	6,019	..	..
	2014	9,166	0	3,205	5,961	..	..
	2015	9,225	0	3,113	6,113	..	..
Saudi Arabia	2012	26,010	..	23,236	2,773	0	..
	2013	25,573	..	22,770	2,803	0	..
	2014	25,904	..	22,993	2,911	0	..
	2015	28,571	..	24,363	4,208	..	..
Singapore	2012	26	26	..	..	..	..
	2013	27	27	..	..	..	..
	2014	27	27	..	..	..	..
	2015	28	28	..	..	..	..

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
39	45	*1	..	..	125	19
*40	49	*1	..	..	*130	*20
41	48	1	..	..	133	20
*43	39	*2	..	..	187	28
293	..	9	1	..	293	59
291	..	11	1	..	289	55
311	..	10	1	..	306	55
316	..	10	1	..	312	53
1,864	2,085	75	2	-76	3,146	108
2,094	2,035	102	14	54	3,417	116
1,895	2,019	108	8	-37	3,535	118
1,912	2,156	107	14	-41	3,424	113
21	..	3	*2	..	16	46
22	..	*5	*2	..	16	45
29	..	*8	*3	..	19	53
22	..	*1	*2	..	19	52
51	455	..	..	-24	400	142
56	383	..	..	-24	498	174
53	437	..	..	-50	342	118
53	418	..	..	17	272	92
61	365	1	0	2	653	12
80	370	2	0	1	682	13
154	457	2	0	-31	802	15
151	448	2	0	-4	846	16
69	0	*4	..	..	430	16
78	0	*4	..	..	483	17
97	0	*6	..	0	542	19
79	0	4	..	..	505	18
99	2,076	18	32	2	985	278
113	2,197	16	36	-4	1,018	261
85	2,105	22	48	-2	1,014	239
84	2,212	22	52	-2	1,280	285
4,734	694	91	48	6	4,446	191
4,812	719	97	49	-8	4,517	194
4,964	716	106	47	60	4,601	197
4,934	696	113	44	51	4,542	194
841	32	30	4	*-7	3,122	18
870	44	32	4	*-5	3,174	18
1,060	67	29	3	26	3,325	18
1,044	64	30	3	*3	3,360	18
946	125	48	8	14	1,717	18
1,004	127	49	7	-27	1,780	18
1,116	191	46	4	-11	1,871	19
1,278	156	54	1	14	2,050	20
0	7,539	79	..	-13	1,579	783
5	7,778	88	..	15	1,395	664
1	7,233	55	..	29	1,850	852
26	7,194	53	..	110	1,895	848
707	18,407	92	137	-243	8,324	282
1,035	18,517	82	138	-114	7,985	264
1,009	17,892	101	130	-87	8,876	287
1,358	18,398	116	128	115	11,172	354
6,591	3,563	*282	1,728	15	1,029	194
6,649	3,546	*295	1,728	-10	1,117	207
6,740	3,603	*297	1,717	8	1,142	207
7,227	3,848	*304	1,829	41	1,233	220

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					Heat
		Total	Solids	Liquids	Gases	Electricity	
Sri Lanka	2012	173	161	..	..	12	..
	2013	184	158	..	..	26	..
	2014	179	161	..	..	18	..
	2015	181	158	..	..	23	..
State of Palestine	2012	8	3	..	..	..	5
	2013	8	3	..	..	..	5
	2014	9	4	..	..	..	5
	2015	9	4	..	..	..	5
Syrian Arab Republic	2012	590	0	360	219	12	..
	2013	304	0	113	180	11	..
	2014	237	0	59	166	11	..
	2015	196	0	49	146	1	..
Tajikistan	2012	71	8	1	0	61	..
	2013	73	10	1	0	61	..
	2014	77	17	1	0	59	..
	2015	82	20	1	0	61	..
Thailand	2012	3,041	1,147	641	*1,223	30	0
	2013	3,060	1,175	642	1,217	26	0
	2014	3,137	1,235	634	1,242	26	0
	2015	2,929	1,125	668	1,110	27	0
Timor-Leste	2012	169	1	168	..	..	..
	2013	168	1	167	..	..	..
	2014	142	1	142	..	..	..
	2015	*147	1	*146	..	..	..
Turkey	2012	1,282	799	100	27	229	126
	2013	1,310	795	103	27	241	144
	2014	1,303	812	107	26	177	181
	2015	1,314	657	111	24	284	237
Turkmenistan	2012	2,852	0	497	2,355	..	..
	2013	3,208	0	533	2,675	..	..
	2014	3,270	0	541	2,730	..	..
	2015	3,407	0	553	2,854	..	..
United Arab Emirates	2012	8,639	..	6,732	1,907	..	..
	2013	8,948	..	7,031	1,917	..	..
	2014	9,052	..	7,147	1,905	..	..
	2015	9,682	..	7,569	2,113	..	..
Uzbekistan	2012	2,382	57	140	2,145	40	..
	2013	2,268	61	132	2,033	42	..
	2014	2,339	66	124	2,105	43	..
	2015	2,344	60	121	2,121	43	..
Viet Nam	2012	2,857	1,615	722	329	192	..
	2013	2,878	1,605	721	342	210	..
	2014	2,975	1,646	748	359	222	..
	2015	3,043	1,661	801	374	207	..
Yemen	2012	619	5	340	274	..	..
	2013	759	5	382	373	..	..
	2014	678	5	322	351	..	..
	2015	172	5	64	103	..	..
Europe	2012	102,497	22,272	29,636	33,619	3,608	13,362
	2013	102,582	21,930	29,436	34,017	3,948	13,251
	2014	100,943	21,409	29,653	32,421	4,035	13,424
	2015	101,099	21,328	30,295	32,043	4,104	13,329
Albania	2012	70	9	44	1	17	..
	2013	85	9	51	1	25	..
	2014	84	8	58	1	17	..
	2015	87	10	54	1	21	1

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
245	0	17	11	8	381	19
220	6	15	11	-8	380	19
246	1	20	14	-18	408	20
256	8	16	15	-36	433	21
50	0	..	..	0	58	13
53	0	..	..	0	61	14
57	0	..	..	-2	69	15
63	0	..	..	0	72	16
119	38	1	21	0	650	33
272	26	1	19	0	530	27
254	25	1	10	0	454	24
257	26	1	7	..	419	23
33	3	1	..	..	99	12
30	4	2	..	..	97	12
40	5	3	..	..	109	13
40	6	2	..	..	114	13
2,799	552	*147	0	*-26	5,167	77
2,940	603	161	31	-163	5,367	80
2,969	533	160	41	-57	5,428	80
3,279	595	167	47	-13	5,412	80
*4	*168	0	..	..	*5	*5
*6	*167	0	..	..	*7	*6
*7	*142	0	..	..	*8	*7
*7	*146	0	..	..	*8	*7
4,108	364	44	8	57	4,916	66
4,027	347	58	38	23	4,872	64
4,228	330	112	42	-4	5,051	65
4,659	360	153	35	87	5,338	68
0	1,762	18	..	..	1,072	207
0	2,089	20	..	..	1,100	210
0	2,127	21	..	..	1,123	212
0	2,227	21	..	..	1,160	216
1,843	6,627	198	*639	..	3,017	337
1,991	6,962	199	*696	..	3,082	341
1,900	6,833	247	607	..	3,265	359
1,930	7,129	*256	641	..	3,587	392
48	402	..	..	..	2,027	71
47	516	..	..	..	1,799	62
48	558	..	..	..	1,829	62
41	602	..	..	..	1,783	60
549	834	29	6	*82	2,454	27
493	722	34	4	*86	2,524	28
520	623	31	8	*58	2,775	30
581	506	41	7	*77	2,994	32
159	522	2	4	..	250	10
199	606	5	4	..	344	13
177	544	3	4	..	304	12
89	113	1	3	..	145	5
67,598	55,733	2,245	2,178	-105	110,044	149
67,004	56,945	2,228	2,207	20	108,186	147
65,435	55,988	2,233	2,560	452	105,145	142
68,127	59,420	2,275	2,596	308	104,626	141
58	40	0	0	0	88	30
79	51	0	1	10	102	35
83	49	0	1	13	103	36
64	53	0	1	6	92	32

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
Andorra	2012	0	0	..	..	0	..
	2013	1	0	..	..	0	..
	2014	1	0	..	..	0	..
	2015	1	0	..	..	0	..
Austria	2012	529	233	50	71	168	9
	2013	508	229	46	58	165	9
	2014	507	220	57	58	164	9
	2015	500	225	55	56	154	9
Belarus	2012	173	93	71	8	0	..
	2013	167	88	71	8	1	..
	2014	155	76	71	8	0	..
	2015	146	67	70	8	0	..
Belgium	2012	589	103	19	7	19	441
	2013	624	102	18	8	24	471
	2014	525	90	23	9	28	375
	2015	444	93	16	9	32	293
Bosnia and Herzegovina	2012	188	173	..	..	15	..
	2013	192	166	..	..	26	..
	2014	252	230	..	..	21	..
	2015	257	237	..	..	20	..
Bulgaria	2012	491	282	1	13	19	176
	2013	444	248	3	10	25	158
	2014	474	261	4	7	26	176
	2015	505	296	3	4	31	171
Croatia	2012	176	61	28	69	19	1
	2013	186	62	27	64	33	1
	2014	182	58	27	62	35	1
	2015	184	65	29	63	26	1
Czechia	2012	1,364	972	21	25	17	329
	2013	1,277	873	19	33	19	334
	2014	1,245	844	21	34	16	329
	2015	1,213	854	17	34	17	292
Denmark	2012	777	96	423	220	37	1
	2013	690	95	368	184	42	1
	2014	664	90	345	179	49	1
	2015	662	102	326	180	53	2
Estonia	2012	213	211	..	0	2	..
	2013	237	234	..	0	2	..
	2014	242	239	..	0	2	..
	2015	233	229	..	1	3	..
Faeroe Islands	2012	0	..	..	..	0	..
	2013	0	..	..	..	0	..
	2014	1	..	..	..	1	..
	2015	1	..	..	..	1	..
Finland	2012	721	392	12	2	62	252
	2013	759	432	15	4	49	259
	2014	759	427	16	4	52	259
	2015	734	387	18	4	69	255
France	2012	5,565	503	140	35	281	4,606
	2013	5,638	545	144	30	331	4,589
	2014	5,695	489	147	20	311	4,727
	2015	5,720	512	148	23	300	4,737
Germany	2012	5,126	2,727	272	669	356	1,102
	2013	5,032	2,637	274	659	381	1,081
	2014	5,004	2,633	282	599	407	1,083
	2015	5,007	2,616	276	594	493	1,028

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
9	0	0	..	..	9	115
8	0	0	..	..	9	118
8	0	0	..	..	9	119
8	0	0	..	..	9	124
1,322	416	29	1	24	1,382	163
1,211	328	28	1	-29	1,391	164
1,184	275	28	1	39	1,348	158
1,248	391	30	1	-48	1,374	161
1,945	829	..	..	9	1,280	135
1,657	671	4	..	7	1,142	120
1,703	686	5	..	5	1,162	122
1,711	816	5	..	-16	1,053	111
3,192	1,242	58	256	-24	2,249	203
3,292	1,243	55	260	21	2,337	210
3,309	1,317	57	228	23	2,209	197
3,436	1,305	62	246	40	2,226	197
131	38	0	..	3	278	73
129	50	0	..	5	266	70
133	61	0	..	-1	325	85
141	56	0	..	11	331	87
505	220	7	3	-1	767	105
504	228	7	4	6	703	97
493	226	7	3	-14	744	103
537	250	8	4	6	775	108
287	105	5	0	-6	359	84
285	116	5	0	-2	352	82
270	119	5	0	-8	335	79
301	128	5	0	2	350	83
820	355	13	..	10	1,807	171
850	349	12	..	-41	1,807	171
882	343	12	..	13	1,758	167
913	345	13	..	4	1,764	167
664	683	36	22	-17	718	128
780	686	35	26	10	713	127
734	644	38	31	15	669	118
784	687	37	32	21	668	118
131	80	2	17	12	233	176
106	66	1	18	1	258	195
116	84	2	14	5	254	193
109	83	1	12	15	230	176
*9	..	0	1	..	*9	*177
*10	..	0	1	..	*10	*202
*9	..	0	1	..	*9	*182
*10	..	0	1	..	*9	*188
1,015	343	26	5	-55	1,417	261
1,101	410	27	5	30	1,387	254
1,105	393	27	4	25	1,415	258
970	314	27	12	1	1,349	245
6,560	1,300	242	98	-70	10,555	166
6,471	1,223	240	90	-32	10,589	166
6,177	1,349	242	76	55	10,149	158
6,265	1,377	255	68	-24	10,310	155
10,053	1,723	352	106	16	12,981	161
10,640	1,983	359	96	-36	13,270	165
10,282	2,076	345	96	-14	12,783	159
10,822	2,516	346	101	-16	12,882	160

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
Gibraltar	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
Greece	2012	436	379	9	4	36	8
	2013	388	317	9	4	51	8
	2014	368	304	8	4	43	9
	2015	355	281	8	4	53	9
Guernsey	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
Hungary	2012	491	180	55	76	4	176
	2013	479	185	50	68	3	172
	2014	462	171	48	63	4	175
	2015	471	176	53	61	4	178
Iceland	2012	281	0	..	0	44	236
	2013	283	0	..	0	46	237
	2014	285	0	..	0	46	238
	2015	285	0	..	0	50	235
Ireland	2012	53	24	1	9	17	0
	2013	94	66	1	8	19	0
	2014	84	54	1	7	21	1
	2015	80	45	1	7	27	1
Isle of Man	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
	2014	0	0	..	..	0	..
	2015	0	0	..	..	0	..
Italy	2012	1,466	387	254	344	267	214
	2013	1,542	396	266	341	321	217
	2014	1,539	360	279	327	346	227
	2015	1,509	393	269	311	300	237
Jersey	2012	*1	*1	..	..	..	..
	2013	*1	*1	..	..	..	..
	2014	*1	*1	..	..	..	..
	2015	*1	*1	..	..	..	..
Latvia	2012	109	90	3	2	14	..
	2013	98	82	3	3	11	..
	2014	108	95	3	3	8	..
	2015	98	84	3	4	7	..
Liechtenstein	2012	1	1	..	..	0	0
	2013	1	1	..	..	0	0
	2014	1	1	..	..	0	0
	2015	1	1	..	..	0	0
Lithuania	2012	65	42	9	0	3	10
	2013	69	46	9	1	4	9
	2014	74	50	8	1	4	11
	2015	76	53	8	1	4	10
Luxembourg	2012	5	4	..	1	1	0
	2013	6	4	..	1	1	0
	2014	6	5	..	1	1	0
	2015	6	4	..	1	1	0
Malta	2012	0	..	0	0	0	0
	2013	0	..	0	0	0	0
	2014	1	..	0	0	0	0
	2015	1	..	0	0	0	0

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
183	..	0	175	..	7	231
168	..	0	160	..	8	242
159	..	0	150	..	8	257
163	..	0	154	..	9	272
1,374	545	28	95	18	1,124	101
1,310	618	29	90	-28	989	89
1,390	665	33	79	-2	983	89
1,483	697	35	75	45	985	90
1	..	..	..	..	1	18
0	..	..	..	..	0	6
1	..	..	..	..	1	9
1	..	..	..	..	1	13
729	202	7	..	-30	1,040	104
729	221	7	..	-26	1,006	101
812	211	8	..	55	1,000	101
762	189	8	..	-21	1,058	107
34	..	6	2	0	306	945
34	..	7	1	1	309	951
36	..	8	1	0	312	952
40	..	9	2	1	313	950
570	76	24	4	-31	549	118
572	53	27	6	34	546	117
546	56	31	5	3	534	114
609	78	35	7	14	555	118
1	0	..	..	..	1	11
0	0	..	..	..	0	*4
0	0	..	..	..	0	*3
0	0	..	..	..	0	*3
6,888	1,307	133	104	6	6,804	114
6,262	1,076	129	92	-23	6,530	109
5,770	929	132	81	-1	6,168	103
6,338	1,234	136	80	-5	6,402	107
2	..	..	..	..	3	30
2	..	..	..	..	3	27
2	..	..	..	..	3	27
2	..	..	..	..	3	29
176	59	5	10	11	200	98
183	68	5	10	2	196	98
159	74	5	10	-17	196	99
190	90	5	11	3	179	91
2	..	..	..	..	3	78
2	..	..	..	..	3	79
2	..	..	..	..	3	75
2	..	..	..	..	3	76
582	344	3	5	-4	299	99
588	371	3	4	-2	282	95
529	312	3	0	1	287	98
603	374	3	3	4	294	102
194	10	16	..	1	173	325
186	7	16	..	0	168	308
181	8	17	..	0	161	290
178	8	20	..	-1	157	278
93	0	4	50	1	37	90
97	6	4	50	4	32	78
95	8	5	51	-2	33	78
117	22	5	65	-2	27	65

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
Montenegro	2012	30	24	..	..	5	..
	2013	32	23	..	..	9	..
	2014	29	23	..	..	6	..
	2015	30	25	..	..	5	..
Netherlands	2012	2,701	110	111	2,417	19	44
	2013	2,894	108	132	2,599	22	33
	2014	2,447	116	148	2,113	24	47
	2015	1,990	121	143	1,647	32	48
Norway	2012	8,560	98	3,726	4,220	516	0
	2013	8,134	113	3,547	4,004	468	1
	2014	8,158	101	3,580	3,978	496	3
	2015	8,615	89	3,740	4,278	506	3
Poland	2012	2,986	2,733	56	171	24	2
	2013	2,969	2,699	69	168	30	3
	2014	2,820	2,545	71	165	36	4
	2015	2,834	2,542	78	164	46	4
Portugal	2012	197	116	11	2	59	8
	2013	240	122	11	3	94	10
	2014	250	121	12	3	102	11
	2015	222	118	13	3	76	11
Republic of Moldova	2012	10	10	0	0	0	..
	2013	12	11	0	0	0	..
	2014	15	14	1	0	0	..
	2015	15	14	0	0	0	..
Romania	2012	1,142	426	174	365	53	125
	2013	1,090	350	181	361	72	127
	2014	1,109	342	176	368	96	127
	2015	1,116	351	177	369	92	127
Russian Federation	2012	55,216	8,043	21,984	22,642	597	1,950
	2013	55,887	8,020	22,113	23,208	652	1,895
	2014	55,400	8,240	22,299	22,246	632	1,984
	2015	56,024	8,702	22,621	21,953	607	2,142
Serbia	2012	450	349	49	18	33	0
	2013	474	368	51	18	37	0
	2014	393	286	49	19	40	0
	2015	449	348	45	19	36	0
Slovakia	2012	261	60	7	8	16	170
	2013	269	63	7	7	20	172
	2014	264	63	7	8	17	170
	2015	265	67	7	9	16	166
Slovenia	2012	149	72	0	2	15	61
	2013	150	72	0	2	17	59
	2014	153	58	0	1	23	71
	2015	142	63	0	1	15	63
Spain	2012	1,374	331	32	14	282	715
	2013	1,420	308	52	22	363	675
	2014	1,432	301	68	16	358	689
	2015	1,368	294	61	13	309	692
Sweden	2012	1,494	461	26	5	310	692
	2013	1,450	452	17	6	256	718
	2014	1,430	440	12	6	270	701
	2015	1,408	451	11	7	330	609
Switzerland	2012	530	96	0	4	140	290
	2013	540	97	0	4	141	298
	2014	552	94	0	4	140	314
	2015	509	95	0	5	142	267

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
18	2	1	..	..	44	71
14	4	1	..	..	41	66
16	4	1	..	0	40	64
17	4	1	..	0	42	68
7,955	6,741	145	566	-3	3,207	191
8,156	7,139	148	542	38	3,182	189
8,242	7,002	154	534	-4	3,003	178
9,254	7,307	162	520	219	3,034	179
294	7,565	17	14	10	1,248	249
356	7,090	21	15	-2	1,365	269
294	7,292	22	6	-20	1,153	224
340	7,687	21	8	20	1,219	234
1,980	656	23	6	171	4,110	106
1,922	802	23	6	-61	4,122	107
1,986	787	25	6	21	3,966	103
2,080	848	28	8	31	3,999	104
938	179	40	25	0	890	85
968	270	40	27	-16	887	85
917	240	41	26	-15	875	84
1,090	326	45	27	7	907	88
73	1	1	..	0	82	20
78	2	1	..	1	86	21
72	1	1	..	0	86	21
71	1	1	..	0	84	21
503	169	5	1	2	1,469	74
439	191	6	2	-11	1,342	68
469	244	8	3	-4	1,326	67
483	255	9	2	-7	1,340	69
1,160	24,870	284	76	69	31,078	217
1,148	26,077	261	215	225	30,258	211
1,143	25,062	243	631	150	30,457	212
1,158	26,389	218	660	75	29,841	208
201	33	2	0	11	605	67
198	51	2	0	0	618	69
203	51	3	1	-7	550	62
229	61	3	1	1	612	69
630	205	2	..	-4	689	127
649	223	2	..	-7	700	129
616	207	1	..	15	658	121
650	241	2	..	-4	677	125
219	66	1	2	4	296	143
209	72	1	3	-3	287	139
222	96	1	2	-2	279	135
243	106	1	3	-1	275	133
5,252	1,055	155	352	-142	5,207	112
5,001	1,249	154	303	-125	4,841	104
5,175	1,339	157	327	52	4,732	102
5,240	1,264	166	313	-40	4,905	106
1,329	686	30	71	-42	2,079	218
1,201	506	34	67	-6	2,050	213
1,332	648	31	72	10	2,001	206
1,378	765	32	76	26	1,887	193
746	135	66	0	7	1,068	133
775	140	66	0	-5	1,113	136
702	144	67	0	0	1,043	126
713	144	70	0	-16	1,024	123

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
T.F.Yug.Rep. Macedonia	2012	71	67	0	..	4	0
	2013	65	59	0	..	6	0
	2014	61	56	0	..	5	0
	2015	58	51	0	..	7	..
Ukraine	2012	3,552	1,741	145	645	40	980
	2013	3,579	1,771	136	671	54	947
	2014	3,206	1,427	121	630	36	992
	2015	2,552	818	111	621	25	976
United Kingdom	2012	4,881	572	1,902	1,549	95	762
	2013	4,574	476	1,745	1,462	126	765
	2014	4,504	475	1,711	1,477	151	691
	2015	4,926	449	1,933	1,587	195	762
Oceania	2012	14,402	10,819	1,049	2,092	183	260
	2013	15,296	11,524	924	2,373	206	268
	2014	16,244	12,349	898	2,475	224	299
	2015	16,897	12,888	861	2,611	215	321
Australia	2012	13,538	10,585	931	1,925	85	12
	2013	14,429	11,297	814	2,197	108	13
	2014	15,282	12,137	779	2,232	121	13
	2015	15,938	12,693	740	2,380	111	15
Cook Islands	2012	0	..	..	..	0	..
	2013	0	..	..	..	0	..
	2014	0	..	..	..	0	..
	2015	0	..	..	..	0	..
Fiji	2012	6	4	..	..	2	..
	2013	8	6	..	..	2	..
	2014	8	6	..	..	1	..
	2015	8	6	..	..	1	..
French Polynesia	2012	*1	0	..	..	*1	..
	2013	*1	0	..	..	*1	..
	2014	*1	0	..	..	*1	..
	2015	*1	0	..	..	*1	..
Kiribati	2012	0	0	..	..	..	..
	2013	0	0	..	..	..	..
	2014	0	0	..	..	..	..
	2015	0	0	..	..	0	..
Marshall Islands	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
	2014	0	0	..	..	0	..
	2015	0	0	..	..	0	..
Micronesia (Fed. States of)	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
	2014	0	0	..	..	0	..
	2015	0	0	..	..	0	..
Nauru	2012	0	..	..	..	0	..
	2013	0	..	..	..	0	..
	2014	0	..	..	..	0	..
	2015	0	..	..	..	0	..
New Caledonia	2012	2	..	..	..	2	0
	2013	2	..	..	..	2	0
	2014	1	..	..	..	1	0
	2015	2	..	..	..	1	0
New Zealand	2012	738	167	86	162	90	232
	2013	736	160	76	171	90	239
	2014	780	143	85	187	96	270
	2015	775	127	88	172	97	290

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
73	12	..	..	0	132	64
63	8	..	..	-2	122	59
67	8	..	..	0	120	58
67	7	..	..	0	118	57
1,950	332	13	..	21	5,135	113
1,668	343	*5	..	54	4,846	107
1,444	278	*6	..	-68	4,434	99
1,327	54	5	..	66	3,753	84
6,749	3,108	465	111	-78	8,024	126
6,899	2,953	461	113	26	7,919	124
6,368	2,700	461	118	132	7,462	116
5,976	2,947	467	102	-112	7,498	116
2,453	9,958	184	49	125	6,539	174
2,583	11,025	194	43	155	6,463	169
2,595	12,071	206	46	48	6,469	167
2,563	12,628	205	50	71	6,506	165
1,975	9,772	143	31	143	5,423	237
2,079	10,855	151	25	145	5,333	229
2,063	11,853	162	29	49	5,252	222
2,017	12,421	161	30	81	5,261	220
*1	..	0	..	..	*1	*42
*1	..	0	..	..	*1	*42
*1	..	0	..	..	*1	*44
*1	..	0	..	..	*1	*41
16	0	*1	*2	..	20	23
*21	0	*1	*2	..	*25	*29
*26	0	*2	*2	..	*30	*34
35	0	*2	*3	..	38	43
14	..	*1	*2	..	11	41
14	..	*1	*3	..	11	41
13	..	*1	*3	..	11	40
14	..	*1	*3	..	12	41
1	..	0	..	..	1	8
1	..	0	..	..	1	7
1	..	0	..	..	1	7
*1	..	0	..	..	*1	*8
2	..	0	..	..	2	40
*2	..	0	..	..	*2	*41
*2	..	0	..	..	*2	*40
*2	..	0	..	..	*2	*42
*2	..	0	..	..	*2	*20
*2	..	0	..	..	*2	*21
*2	..	0	..	..	*2	*22
*2	..	0	..	..	*2	*22
*1	..	0	0	0	*1	*55
*1	..	0	0	0	*1	*61
*1	..	0	0	0	*1	*63
*1	..	0	0	0	*1	*65
53	..	*1	0	3	49	195
54	..	1	0	2	53	205
62	..	1	0	-3	65	251
63	..	1	0	1	63	240
306	153	34	12	-22	866	195
327	136	36	12	11	868	194
325	134	35	12	-3	927	206
326	122	35	13	-16	946	209

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
Niue	2012	0	0	..	..	0	0
	2013	0	0	..	..	0	0
	2014	0	0	..	..	0	0
	2015	0	0	..	..	0	0
Palau	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
Papua New Guinea	2012	112	57	32	5	4	15
	2013	114	57	34	5	4	15
	2014	166	57	34	57	4	15
	2015	*168	57	*34	*59	*4	*15
Samoa	2012	*2	*1	..	..	0	..
	2013	*2	*1	..	..	0	..
	2014	*2	*1	..	..	0	..
	2015	*1	*1	..	..	0	..
Solomon Islands	2012	*3	*3	..	..	..	..
	2013	*3	*3	..	..	..	..
	2014	*3	*3	..	..	0	..
	2015	*3	*3	..	..	0	..
Tonga	2012	0	0	..	..	..	..
	2013	0	0	..	..	0	..
	2014	0	0	..	..	0	..
	2015	0	0	..	..	0	..
Tuvalu	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	0	..	..	..	0	..
Vanuatu	2012	1	1	0	..	0	..
	2013	1	1	0	..	0	..
	2014	1	1	0	..	0	..
	2015	1	1	0	..	0	..
Wallis and Futuna Is.	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
0	..	0	..	..	0	58
0	..	0	..	..	0	61
0	..	0	..	..	0	62
0	..	0	..	..	0	64
*4	..	*1	..	..	*3	*149
*4	..	*1	..	..	*3	*152
*4	..	*1	..	..	*3	*155
*4	..	*1	..	..	*3	*147
68	32	*2	0	0	145	20
68	34	*2	0	-2	148	20
83	84	*2	0	5	157	21
*84	*85	*2	0	*5	*159	*21
*3	..	0	..	..	*4	*23
3	..	0	..	0	5	24
*3	..	0	..	..	*5	*24
5	0	1	..	..	6	29
*3	0	0	0	..	*6	*11
*3	0	0	0	..	*6	*11
*3	0	0	0	..	*6	*11
*3	0	0	0	..	*6	*10
2	..	0	0	0	2	15
2	..	0	0	0	2	15
2	..	0	0	0	2	15
2	..	0	0	0	2	16
0	..	..	..	..	0	*13
0	..	..	..	..	0	*13
0	..	..	..	..	0	*13
0	..	..	..	..	0	*14
2	0	0	0	0	3	11
2	0	0	0	0	3	10
3	0	0	0	0	3	12
2	0	0	0	0	3	11
0	..	0	..	..	0	26
0	..	0	..	..	0	26
0	..	0	..	..	0	26
0	..	0	..	..	0	26

Table 3

Total final consumption and its components

Petajoules and Gigajoules per capita

Table Notes

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

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

Industry refers to the use of energy products for energy purposes by economic units belonging to manufacturing, construction and non-fuel mining industries, namely the following: Iron and steel, Chemical and petrochemical, Non-ferrous metals, Non-metallic minerals; Transport equipment; Machinery; Mining and quarrying; Food and Tobacco; Paper, pulp and print; Wood and wood products (other than pulp and paper); Textile and leather; Construction; and Industries not elsewhere specified. It excludes the use of energy products for transport.

Transport refers to the consumption of fuels and electricity by any economic entity to transport goods or persons between points of departure and destination within the national territory. As such, it excludes international aviation and shipping, which are included under international marine and aviation bunkers respectively.

Other refers to energy consumed by consumers not classified under Industry. It includes Households, Commerce and public services, Agriculture, Forestry, Fishing, and Not elsewhere specified.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/classification, and xvi to xvii for the descriptions of relevant flows.

Figure 9: World total final consumption by component, 2015

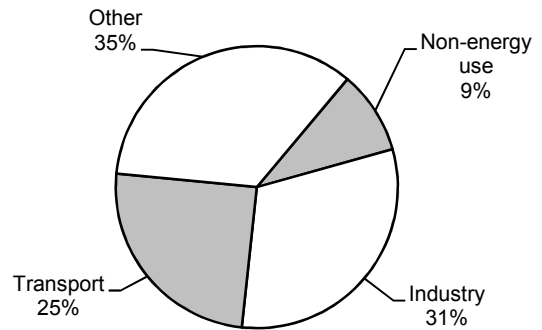


Figure 10: Total final consumption by region, 1993-2015

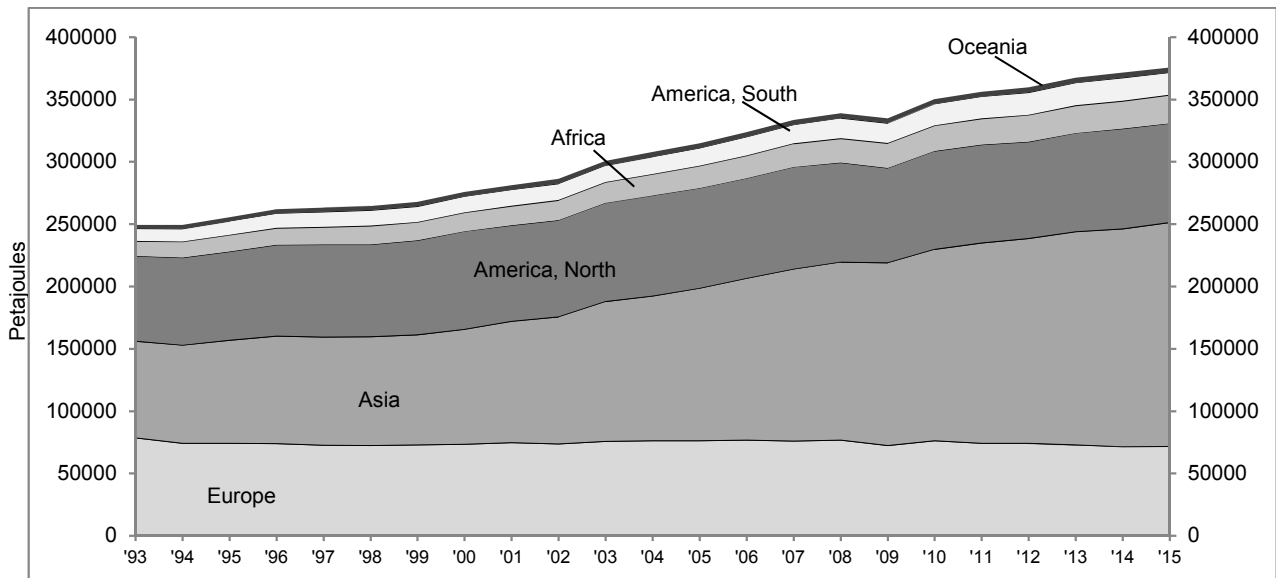


Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
World	2012	359,632	33,427	112,839	87,823	125,543	51
	2013	367,476	34,020	115,167	91,082	127,208	51
	2014	371,618	34,883	115,906	93,392	127,437	51
	2015	375,811	35,880	116,618	93,315	129,997	51
Africa	2012	21,166	735	3,666	3,685	13,081	19
	2013	22,082	788	4,010	3,837	13,447	20
	2014	22,271	711	3,658	4,240	13,661	19
	2015	22,679	736	3,725	4,389	13,829	19
Algeria	2012	1,299	116	216	535	431	35
	2013	1,363	109	222	558	474	36
	2014	1,460	155	227	606	472	38
	2015	1,560	155	241	647	517	39
Angola	2012	*442	10	48	98	*285	*19
	2013	*471	12	39	112	*308	*20
	2014	*479	11	38	117	*313	*20
	2015	*498	9	52	126	*311	*20
Benin	2012	*126	..	3	47	*76	*13
	2013	*137	..	4	53	*79	*13
	2014	*141	..	5	56	*79	*13
	2015	*150	..	7	63	*80	*14
Botswana	2012	55	1	12	28	15	26
	2013	57	1	12	29	15	26
	2014	60	1	14	31	15	27
	2015	57	1	15	*28	14	25
Burkina Faso	2012	*137	0	*11	17	*109	*8
	2013	*142	0	*12	19	*110	*8
	2014	*144	0	*11	20	*113	*8
	2015	*147	0	*12	21	*114	*8
Burundi	2012	*56	0	*1	3	*52	*6
	2013	*53	1	*1	2	*49	*5
	2014	*53	0	*1	2	*49	*5
	2015	*52	0	*1	2	*49	*5
Cabo Verde	2012	7	0	0	4	3	14
	2013	7	0	0	3	3	13
	2014	6	0	0	3	3	13
	2015	*7	0	0	*3	*3	*13
Cameroon	2012	*261	1	15	40	*205	*12
	2013	*269	1	16	42	*210	*12
	2014	*279	1	16	45	*216	*12
	2015	*289	2	17	48	*222	*12
Central African Rep.	2012	*18	0	0	*2	*15	*4
	2013	*18	0	0	*2	*15	*4
	2014	*18	0	0	*2	*15	*4
	2015	*18	0	0	*2	*15	*4
Chad	2012	*63	0	5	*1	*57	*5
	2013	*64	0	6	*1	*58	*5
	2014	*66	0	*6	*1	*59	*5
	2015	*66	0	*6	*1	*59	*5
Comoros	2012	*3	..	..	0	*3	*4
	2013	*3	..	..	*1	*3	*5
	2014	*3	..	..	*1	*3	*4
	2015	*4	..	..	*1	*3	*4

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Congo	2012	*76	1	3	22	*50	*18
	2013	*82	1	3	26	*52	*19
	2014	*84	1	2	28	*53	*19
	2015	*86	1	2	28	*54	*19
Côte d'Ivoire	2012	288	1	21	33	234	14
	2013	306	3	26	34	243	14
	2014	316	2	27	36	251	14
	2015	282	1	29	43	208	12
Dem. Rep. of the Congo	2012	699	0	130	29	540	10
	2013	800	0	133	45	621	11
	2014	898	0	141	62	695	12
	2015	898	0	143	37	718	12
Djibouti	2012	*7	0	0	1	*5	*8
	2013	*7	0	0	*1	*5	*8
	2014	*7	0	0	*1	*5	*8
	2015	*5	0	0	*1	*3	*6
Egypt	2012	2,379	274	640	458	1,008	28
	2013	2,554	*315	866	426	947	29
	2014	2,336	229	571	728	808	26
	2015	2,399	228	585	748	838	26
Equatorial Guinea	2012	*73	0	*61	*6	*6	*94
	2013	*65	0	*54	*6	*6	*82
	2014	*70	0	*57	*6	*7	*85
	2015	*68	0	*55	*6	*7	*80
Eritrea	2012	*21	0	1	2	*19	*4
	2013	*22	0	1	2	*19	*4
	2014	*22	0	1	2	*19	*4
	2015	*23	0	1	3	*20	*4
Ethiopia	2012	*1,250	3	42	46	*1,158	*14
	2013	*1,288	3	52	54	*1,179	*14
	2014	*1,346	4	64	60	*1,217	*14
	2015	*1,357	4	62	67	*1,224	*14
Gabon	2012	*87	0	26	10	*51	*54
	2013	*93	0	28	12	*53	*56
	2014	*93	0	28	11	*53	*55
	2015	*92	0	28	11	*52	*53
Gambia	2012	*9	..	*2	*1	*7	*5
	2013	*9	..	*1	*1	*7	*5
	2014	*10	..	*2	*1	*7	*5
	2015	*10	..	*2	*1	*7	*5
Ghana	2012	257	*3	34	105	116	10
	2013	266	*3	35	*109	120	10
	2014	267	*3	34	*110	121	10
	2015	274	*3	32	*119	120	10
Guinea	2012	*136	*1	*18	*14	*103	*12
	2013	*133	*1	*14	*15	*103	*11
	2014	*134	*2	*13	*15	*103	*11
	2015	*140	*2	*16	*18	*104	*11
Guinea-Bissau	2012	*27	*1	0	*1	*25	*16
	2013	*27	*1	0	*1	*25	*15
	2014	*28	*1	0	*1	*25	*15
	2015	*28	*1	0	*1	*26	*15

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Kenya	2012	473	12	57	66	338	11
	2013	485	2	62	79	342	11
	2014	498	2	50	103	343	11
	2015	501	2	58	126	315	11
Lesotho	2012	*55	..	*19	6	*29	*27
	2013	*55	..	*20	6	*29	*26
	2014	*56	..	*20	*7	*29	*27
	2015	*56	..	*18	8	*30	*26
Liberia	2012	*73	0	*1	*5	*67	*17
	2013	*74	0	*1	*8	*66	*17
	2014	*80	0	*1	*10	*68	*18
	2015	*82	0	*1	11	*70	*18
Libya	2012	387	51	23	234	79	62
	2013	444	74	46	246	78	71
	2014	388	30	32	263	64	62
	2015	323	24	17	227	54	51
Madagascar	2012	*122	*1	*10	*13	*98	*5
	2013	*120	*2	*15	*14	*90	*5
	2014	*124	*2	*13	*15	*94	*5
	2015	*133	*2	*14	*19	*98	*5
Malawi	2012	*63	0	*11	*9	*42	*4
	2013	*63	0	*11	*9	*42	*4
	2014	*64	0	*11	*10	*42	*4
	2015	*61	0	*11	*7	*43	*4
Mali	2012	*77	..	*11	*14	*52	*5
	2013	*77	..	*13	*15	*50	*5
	2014	*77	..	*14	*11	*52	*5
	2015	*78	..	*15	*13	*50	*4
Mauritania	2012	*40	0	8	*13	*18	*11
	2013	*38	0	*6	*13	*19	*10
	2014	*42	0	*8	14	*19	*11
	2015	*42	0	*8	*14	*20	*10
Mauritius	2012	36	1	8	18	9	28
	2013	37	1	8	18	9	29
	2014	38	1	8	19	9	30
	2015	38	1	8	19	10	30
Mayotte	2012	*3	..	..	*1	1	*13
	2013	*3	..	..	*1	1	*13
	2014	*3	..	..	*2	1	*13
	2015	*3	..	..	*2	*1	*14
Morocco	2012	579	17	*138	200	225	17
	2013	593	19	138	207	229	17
	2014	590	17	126	209	237	17
	2015	610	22	128	217	243	18
Mozambique	2012	*321	..	80	26	*215	*12
	2013	*412	..	84	27	*302	*16
	2014	*476	..	95	56	*326	*17
	2015	*451	..	91	34	*325	*16
Namibia	2012	*60	1	*9	22	*27	*26
	2013	*55	*1	7	*20	*26	*23
	2014	67	1	9	26	31	28
	2015	70	1	8	28	33	28

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Niger	2012	74	0	4	9	61	4
	2013	80	0	4	12	63	4
	2014	*81	0	4	*13	*63	*4
	2015	83	0	3	13	66	4
Nigeria	2012	*4,860	47	*425	362	*4,026	*29
	2013	*4,900	50	*415	340	*4,095	*28
	2014	*4,870	57	*306	302	*4,205	*27
	2015	*5,038	59	*316	349	*4,315	*28
Réunion	2012	40	*1	4	23	12	47
	2013	40	*1	4	22	12	47
	2014	40	*2	4	23	12	47
	2015	41	*2	4	24	12	48
Rwanda	2012	*75	0	*6	*6	*62	*7
	2013	*77	0	*6	*7	*64	*7
	2014	*78	0	*6	*7	*65	*7
	2015	*80	0	*7	*8	*65	*7
Sao Tome and Principe	2012	*2	0	0	0	*1	*11
	2013	*2	0	0	0	*1	*10
	2014	*2	0	0	0	*1	*10
	2015	*2	0	0	0	*1	*10
Senegal	2012	112	2	17	28	64	8
	2013	107	2	17	31	57	8
	2014	111	2	18	33	58	8
	2015	116	2	19	35	60	8
Seychelles	2012	*5	0	1	*1	*3	*49
	2013	*4	0	1	*1	*2	*43
	2014	*4	0	1	*1	*2	*44
	2015	*4	0	1	*1	*2	*45
Sierra Leone	2012	*54	0	*1	*6	*47	*9
	2013	*56	0	*2	*7	*48	*9
	2014	*58	0	*2	*8	*48	*9
	2015	*55	0	*2	*6	*47	*9
Somalia	2012	*98	..	*2	2	*94	*10
	2013	*104	..	*2	2	*100	*10
	2014	*108	..	*2	2	*104	*10
	2015	*105	..	*2	2	*101	*10
South Africa	2012	2,962	165	1,085	726	985	56
	2013	3,099	158	1,153	792	997	58
	2014	3,080	161	1,164	754	1,001	57
	2015	3,071	182	1,171	767	950	56
South Sudan	2012	23	..	0	13	9	2
	2013	22	..	0	13	9	2
	2014	23	..	0	13	9	2
	2015	18	..	0	9	8	1
St. Helena and Depend.	2012	0	..	..	0	0	*26
	2013	0	..	..	0	0	*23
	2014	0	..	..	0	0	*24
	2015	0	..	..	0	0	*25
Sudan	2012	418	9	53	116	241	11
	2013	428	10	55	112	251	11
	2014	434	10	60	108	255	11
	2015	445	10	62	108	264	11

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Swaziland	2012	*33	..	*15	*8	*9	*27
	2013	*35	..	*18	*8	*10	*28
	2014	34	0	17	8	*9	27
	2015	*36	0	*18	*9	*9	*28
Togo	2012	81	0	2	17	62	12
	2013	83	0	2	18	63	12
	2014	86	0	3	18	65	12
	2015	89	0	2	20	67	12
Tunisia	2012	303	7	85	91	120	28
	2013	304	8	88	86	124	28
	2014	316	9	93	89	126	28
	2015	331	11	92	98	130	29
Uganda	2012	462	0	48	28	386	13
	2013	486	0	53	31	402	13
	2014	507	1	57	35	414	13
	2015	530	1	61	41	428	14
United Rep. of Tanzania	2012	805	2	114	65	624	17
	2013	852	2	124	83	644	17
	2014	895	2	135	82	677	17
	2015	937	2	141	97	698	18
Zambia	2012	306	3	101	13	189	21
	2013	318	3	105	14	196	21
	2014	327	3	110	16	198	21
	2015	*345	3	113	17	*212	*21
Zimbabwe	2012	*391	1	39	35	*316	*27
	2013	*391	1	28	39	*323	*26
	2014	*396	1	30	36	*329	*26
	2015	*397	1	27	36	*334	*25
America, North	2012	77,643	6,628	15,122	31,005	24,888	139
	2013	79,120	6,607	15,285	31,017	26,211	140
	2014	80,155	6,453	15,269	31,501	26,931	141
	2015	79,605	6,598	14,772	32,060	26,175	139
Anguilla	2012	*1	..	..	*1	*1	*103
	2013	*1	..	..	*1	*1	*88
	2014	*1	..	..	*1	*1	*99
	2015	*2	..	..	*1	*1	*111
Antigua and Barbuda	2012	*5	0	0	*3	1	*53
	2013	*5	0	0	*3	*1	*52
	2014	*5	0	0	*3	*1	*52
	2015	*5	0	0	*4	*1	*53
Aruba	2012	*6	0	..	*3	*3	*62
	2013	*6	0	..	*3	*3	*62
	2014	*6	0	..	*3	*3	*62
	2015	*7	0	..	*3	*3	*63
Bahamas	2012	24	*1	8	7	9	65
	2013	*34	0	*9	*10	*15	*89
	2014	*26	0	*8	*8	*10	*68
	2015	*26	0	*8	*8	*10	*67
Barbados	2012	12	..	2	6	5	44
	2013	12	..	1	6	4	41
	2014	12	..	2	6	*4	41
	2015	11	..	1	6	*4	40

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Belize	2012	11	0	*3	4	3	31
	2013	11	0	*3	5	3	31
	2014	11	0	*3	5	3	31
	2015	12	0	*3	5	4	34
Bermuda	2012	5	0	0	*2	2	72
	2013	5	0	0	*2	3	78
	2014	5	0	0	*2	3	86
	2015	5	0	0	*2	3	85
Bonaire, St Eustatius, Saba	2012	*4	*1	*1	*2	*1	*185
	2013	*4	*1	*1	*2	*1	*182
	2014	*4	*1	*1	*2	*1	*178
	2015	*4	*1	*1	*2	*1	*178
British Virgin Islands	2012	*1	..	0	*1	*1	*51
	2013	*1	..	0	*1	*1	*50
	2014	*2	..	0	*1	*1	*51
	2015	*2	..	0	*1	*1	*50
Canada	2012	8,325	1,037	1,920	2,529	2,839	239
	2013	8,374	934	1,945	2,603	2,892	238
	2014	8,353	853	1,931	2,608	2,961	235
	2015	8,117	876	1,782	2,601	2,857	226
Cayman Islands	2012	5	0	1	2	1	80
	2013	5	0	1	2	1	80
	2014	5	0	1	2	1	79
	2015	5	0	1	2	1	80
Costa Rica	2012	145	2	36	67	40	31
	2013	148	2	37	68	40	31
	2014	150	3	38	70	40	31
	2015	155	3	37	74	41	32
Cuba	2012	*276	5	*175	19	77	*24
	2013	*271	*5	*165	20	81	*24
	2014	*260	*4	*155	20	81	*23
	2015	*263	*5	*155	21	82	*23
Curaçao	2012	28	4	6	14	3	184
	2013	28	4	6	15	3	183
	2014	29	4	7	15	3	184
	2015	29	4	6	15	4	184
Dominica	2012	1	..	0	1	1	19
	2013	*1	..	0	*1	1	*20
	2014	*1	..	0	*1	1	*21
	2015	*1	..	0	*1	1	*21
Dominican Republic	2012	228	15	60	90	63	22
	2013	224	14	69	76	65	22
	2014	206	10	60	69	67	20
	2015	225	13	59	82	71	21
El Salvador	2012	99	2	23	38	37	16
	2013	93	1	18	38	36	15
	2014	96	1	19	39	37	16
	2015	103	1	19	47	37	17
Greenland	2012	9	0	1	2	6	154
	2013	9	0	1	2	6	154
	2014	8	0	1	1	6	144
	2015	8	0	1	1	6	144

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Grenada	2012	3	..	0	1	1	25
	2013	3	..	0	1	1	26
	2014	3	..	0	1	1	26
	2015	3	..	0	1	1	27
Guadeloupe	2012	19	*1	*1	11	6	41
	2013	19	*1	*1	11	6	41
	2014	19	*1	*1	11	6	41
	2015	20	*1	*1	11	6	42
Guatemala	2012	*318	2	32	77	*207	*21
	2013	*317	2	25	84	*207	*20
	2014	350	1	34	90	224	22
	2015	*353	1	38	97	*217	*22
Haiti	2012	122	0	9	13	99	12
	2013	124	0	10	12	102	12
	2014	129	0	13	16	100	12
	2015	135	0	12	19	103	13
Honduras	2012	188	..	51	46	*92	24
	2013	*186	..	47	46	*93	*24
	2014	*176	..	31	48	*98	*22
	2015	*197	..	30	57	*111	*24
Jamaica	2012	74	1	33	26	15	27
	2013	81	1	40	26	*14	29
	2014	77	1	32	30	*14	28
	2015	78	1	37	25	14	28
Martinique	2012	*18	0	0	*11	*7	*46
	2013	*18	0	0	*11	*7	*46
	2014	*19	0	0	*11	*7	*47
	2015	*18	0	0	*11	7	*46
Mexico	2012	4,973	220	1,478	2,153	1,122	41
	2013	4,991	229	1,518	2,130	1,115	40
	2014	4,957	256	1,424	2,137	1,139	40
	2015	5,000	214	1,487	2,128	1,170	39
Montserrat	2012	0	0	0	0	0	84
	2013	*1	0	0	0	0	*113
	2014	*1	0	0	0	0	*100
	2015	*1	0	0	0	0	*117
Nicaragua	2012	92	1	13	25	53	16
	2013	95	1	13	25	55	16
	2014	*98	1	14	26	*56	*16
	2015	*105	2	15	31	*58	*17
Panama	2012	132	..	42	54	37	35
	2013	133	..	41	53	39	35
	2014	138	..	41	55	41	36
	2015	144	..	38	63	43	37
Puerto Rico	2012	66	..	10	..	56	18
	2013	66	..	9	..	57	18
	2014	63	..	8	..	55	17
	2015	63	..	8	..	54	17
Sint Maarten (Dutch part)	2012	*9	*1	*2	*5	*1	*260
	2013	*9	*1	*2	*5	1	*256
	2014	*10	*1	*2	*5	*1	*253
	2015	*10	*2	*2	*5	*1	*255

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
St. Kitts-Nevis	2012	2	0	0	1	1	33
	2013	*2	0	0	*1	*1	*33
	2014	*2	0	0	*1	*1	*33
	2015	*2	0	0	*1	*1	*34
St. Lucia	2012	*4	0	0	*2	2	*21
	2013	*4	0	0	*2	2	*21
	2014	*4	0	0	*2	2	*21
	2015	*4	0	0	*2	2	*21
St. Pierre-Miquelon	2012	*1	..	..	0	0	*107
	2013	*1	..	..	0	0	*110
	2014	*1	..	..	*1	0	*119
	2015	*1	..	..	*1	0	*117
St. Vincent-Grenadines	2012	*3	0	0	*2	1	*25
	2013	*2	0	0	*1	1	*21
	2014	*2	0	0	*1	*1	*22
	2015	*2	0	0	*2	*1	*23
Trinidad and Tobago	2012	561	406	94	43	18	418
	2013	564	404	94	45	22	418
	2014	575	399	111	44	20	425
	2015	576	405	103	47	21	424
Turks and Caicos Islands	2012	1	..	..	0	1	32
	2013	1	..	..	0	1	32
	2014	1	..	..	0	1	34
	2015	*1	..	..	0	*1	*35
United States	2012	61,869	4,929	11,121	25,743	20,076	197
	2013	63,267	5,006	11,224	25,707	21,330	199
	2014	64,349	4,914	11,331	26,165	21,939	201
	2015	63,908	5,068	10,923	26,682	21,236	199
United States Virgin Is.	2012	3	..	1	..	1	25
	2013	2	..	1	..	1	23
	2014	2	..	1	..	1	22
	2015	*2	..	*1	..	*1	*22
America, South	2012	18,276	998	6,462	6,434	4,382	45
	2013	18,302	936	6,417	6,457	4,492	45
	2014	18,595	946	6,328	6,769	4,551	45
	2015	18,088	896	6,111	6,616	4,465	43
Argentina	2012	2,508	202	680	756	870	60
	2013	2,408	177	686	648	896	57
	2014	2,538	200	701	710	927	59
	2015	2,593	201	699	741	953	60
Bolivia (Plur. State of)	2012	245	2	50	92	101	24
	2013	253	2	55	102	94	24
	2014	268	2	56	109	102	25
	2015	273	2	52	112	106	25
Brazil	2012	9,793	664	3,649	3,524	1,956	48
	2013	9,966	648	3,623	3,715	1,979	49
	2014	10,155	636	3,562	3,867	2,090	49
	2015	9,949	611	3,471	3,767	2,099	48
Chile	2012	1,042	31	379	310	322	60
	2013	1,112	26	417	338	330	63
	2014	1,042	29	441	327	245	59
	2015	1,048	9	442	351	246	58

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Colombia	2012	1,044	*20	239	454	331	22
	2013	1,083	15	268	434	367	23
	2014	1,120	17	316	452	334	23
	2015	1,004	18	344	371	271	21
Ecuador	2012	461	5	101	187	168	30
	2013	478	5	103	200	171	31
	2014	534	*6	108	214	205	34
	2015	484	..	104	225	156	30
Falkland Is. (Malvinas)	2012	*1	..	0	0	0	*234
	2013	*1	..	0	0	0	*233
	2014	*1	..	0	0	0	*232
	2015	*1	..	0	0	0	*233
French Guiana	2012	9	0	0	*4	5	37
	2013	9	0	0	*4	4	35
	2014	10	0	0	*4	5	38
	2015	9	0	0	*4	5	34
Guyana	2012	28	0	8	9	10	36
	2013	26	0	7	9	9	34
	2014	27	0	7	10	10	35
	2015	27	0	7	9	10	35
Paraguay	2012	211	1	70	68	72	33
	2013	212	1	70	71	69	33
	2014	222	1	72	75	73	34
	2015	236	2	75	83	76	36
Peru	2012	650	30	180	262	179	22
	2013	705	16	197	281	211	23
	2014	685	14	193	269	209	22
	2015	726	13	212	279	221	23
Suriname	2012	25	*1	5	8	11	46
	2013	22	0	5	8	10	42
	2014	23	0	5	8	10	43
	2015	24	0	5	8	10	43
Uruguay	2012	162	3	54	*47	58	48
	2013	170	4	57	50	59	50
	2014	179	3	68	50	57	52
	2015	192	3	*78	53	57	56
Venezuela (Bolivar. Rep.)	2012	2,098	39	1,046	712	300	70
	2013	1,858	40	929	596	293	61
	2014	1,792	38	798	673	282	58
	2015	1,523	36	620	613	254	49
Asia	2012	164,357	17,165	67,636	26,824	52,732	39
	2013	171,030	17,972	70,409	29,976	52,673	40
	2014	174,995	18,634	71,774	30,935	53,651	40
	2015	179,591	19,579	73,432	30,138	56,442	41
Afghanistan	2012	*162	0	*43	*96	*23	*5
	2013	*136	0	*46	66	*23	*4
	2014	*127	0	*49	53	*24	*4
	2015	*137	0	*46	*66	*24	*4
Armenia	2012	*109	*2	*16	*28	*63	*37
	2013	*102	*2	*16	*27	*58	*34
	2014	*105	*1	*17	*27	*59	*35
	2015	91	2	12	26	51	30

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Azerbaijan	2012	327	27	49	93	158	35
	2013	345	32	49	105	158	36
	2014	363	31	51	109	171	38
	2015	366	33	52	101	180	38
Bahrain	2012	209	67	53	46	42	157
	2013	240	70	80	47	44	178
	2014	252	67	89	48	48	185
	2015	258	66	89	50	53	188
Bangladesh	2012	1,233	63	244	126	800	8
	2013	1,242	64	259	120	800	8
	2014	1,273	58	267	129	819	8
	2015	1,370	58	273	135	903	9
Bhutan	2012	*61	0	7	5	*49	*82
	2013	*62	0	7	*6	*49	*83
	2014	*63	0	8	*5	*50	*83
	2015	*63	0	8	*6	*49	*81
Brunei Darussalam	2012	79	40	8	19	13	195
	2013	46	8	6	18	13	111
	2014	60	22	5	19	14	144
	2015	41	2	6	19	14	97
Cambodia	2012	212	1	35	48	128	14
	2013	220	1	38	49	132	15
	2014	231	0	37	54	140	15
	2015	248	2	43	59	144	16
China	2012	68,739	6,247	37,216	8,394	16,882	51
	2013	72,480	6,622	38,779	9,023	18,055	53
	2014	74,771	6,939	39,837	9,347	18,649	55
	2015	76,045	7,226	39,212	9,706	19,900	55
China, Hong Kong SAR	2012	306	1	30	68	207	43
	2013	308	2	25	81	200	43
	2014	314	1	26	81	206	43
	2015	326	1	29	89	208	45
China, Macao SAR	2012	28	0	2	5	21	50
	2013	28	0	*3	5	20	49
	2014	29	0	3	5	21	51
	2015	34	0	3	6	26	58
Cyprus	2012	64	2	7	29	26	57
	2013	58	1	8	26	23	51
	2014	59	1	9	25	23	51
	2015	60	1	8	26	25	52
Georgia	2012	138	10	32	36	60	33
	2013	151	12	27	43	70	37
	2014	169	13	26	52	77	42
	2015	175	15	25	58	77	44
India	2012	*21,874	1,356	8,202	1,016	*11,301	*17
	2013	24,045	1,524	9,630	3,101	*9,790	19
	2014	*25,483	1,517	10,794	*3,346	*9,825	*20
	2015	*27,154	*1,624	11,942	1,478	*12,109	*21
Indonesia	2012	7,076	343	2,139	1,807	*2,786	29
	2013	6,670	294	1,921	1,718	*2,737	27
	2014	6,097	347	1,038	1,758	*2,953	24
	2015	6,629	461	2,256	1,815	2,097	26

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Iran (Islamic Rep. of)	2012	7,080	945	*1,724	1,769	2,642	93
	2013	7,457	1,068	*1,720	1,829	2,840	97
	2014	7,954	1,250	1,846	2,000	2,857	102
	2015	7,881	1,209	*1,764	1,974	2,934	100
Iraq	2012	1,081	54	262	494	271	33
	2013	1,097	62	245	490	301	32
	2014	901	39	199	402	260	26
	2015	776	22	158	351	245	21
Israel	2012	615	64	64	237	250	80
	2013	549	77	87	219	166	70
	2014	551	61	97	222	170	69
	2015	577	67	89	234	187	72
Japan	2012	12,675	1,608	3,787	3,104	4,176	100
	2013	12,733	1,601	3,696	3,094	4,343	100
	2014	12,386	1,566	3,529	2,985	4,307	98
	2015	12,254	1,669	3,461	2,978	4,145	97
Jordan	2012	217	5	29	107	77	31
	2013	219	5	37	109	68	30
	2014	237	7	45	108	76	32
	2015	246	*5	41	118	82	32
Kazakhstan	2012	1,753	35	957	221	540	104
	2013	1,797	34	1,021	208	534	105
	2014	1,538	31	690	206	611	89
	2015	1,511	37	704	209	561	86
Korea, Dem.Ppl's.Rep.	2012	512	..	337	18	157	21
	2013	386	..	238	20	127	15
	2014	426	..	270	18	137	17
	2015	279	..	159	19	100	11
Korea, Republic of	2012	6,992	1,859	1,992	1,269	1,873	141
	2013	7,080	1,878	2,002	1,315	1,884	142
	2014	7,193	1,976	2,076	1,336	1,804	144
	2015	7,356	2,027	2,070	1,401	1,857	146
Kuwait	2012	673	160	186	175	152	197
	2013	656	118	207	180	152	183
	2014	704	116	239	184	165	188
	2015	730	115	272	178	166	188
Kyrgyzstan	2012	148	3	25	56	64	26
	2013	144	3	15	56	70	25
	2014	141	4	22	46	69	24
	2015	142	1	31	39	71	24
Lao People's Dem. Rep.	2012	*115	0	11	*32	*72	*18
	2013	*121	0	13	*32	*75	*18
	2014	121	0	15	32	74	18
	2015	*122	0	16	*31	*76	*18
Lebanon	2012	181	3	25	76	77	37
	2013	174	2	26	72	73	33
	2014	198	2	28	78	89	35
	2015	202	2	28	79	92	35
Malaysia	2012	1,996	421	565	645	366	69
	2013	2,109	349	547	834	379	72
	2014	2,142	323	531	908	380	72
	2015	2,110	300	566	866	379	70

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Maldives	2012	*14	0	0	*12	*2	*40
	2013	*13	0	0	*11	*2	*38
	2014	*16	0	0	*14	*2	*45
	2015	*16	0	0	*13	*2	*44
Mongolia	2012	336	..	26	19	291	120
	2013	429	..	26	18	386	150
	2014	265	..	24	20	221	91
	2015	203	..	23	21	160	69
Myanmar	2012	*607	10	79	41	*476	*12
	2013	626	13	79	44	490	12
	2014	*681	7	98	63	*512	*13
	2015	*678	11	85	78	*503	*13
Nepal	2012	*413	..	31	*36	*346	*15
	2013	*465	..	36	*41	*389	*17
	2014	*522	..	*45	*47	*430	*19
	2015	*499	0	48	29	*421	*18
Oman	2012	705	97	362	156	90	199
	2013	731	88	373	172	98	187
	2014	780	96	404	174	106	184
	2015	849	100	435	184	131	189
Other Asia	2012	2,732	794	956	499	483	117
	2013	2,824	859	981	499	485	121
	2014	2,845	875	968	505	497	122
	2015	2,867	893	955	517	501	123
Pakistan	2012	2,313	122	*712	505	975	13
	2013	2,325	135	*703	514	973	13
	2014	2,417	139	*741	544	993	13
	2015	*2,508	141	*784	567	*1,016	*13
Philippines	2012	1,088	12	242	366	468	11
	2013	1,154	19	263	385	487	12
	2014	1,208	15	273	413	508	12
	2015	1,316	20	281	495	519	13
Qatar	2012	659	180	253	146	79	327
	2013	667	181	247	161	78	317
	2014	783	213	289	194	86	360
	2015	814	237	279	205	94	364
Saudi Arabia	2012	5,533	1,145	1,929	1,670	789	188
	2013	5,525	1,080	1,908	1,728	809	183
	2014	5,887	1,155	2,041	1,821	869	191
	2015	6,300	1,369	1,838	2,146	947	200
Singapore	2012	678	240	234	109	95	128
	2013	711	259	249	106	97	132
	2014	725	276	248	103	98	132
	2015	715	274	241	100	101	128
Sri Lanka	2012	328	4	79	99	146	16
	2013	334	*6	79	*105	144	16
	2014	340	*2	83	*110	144	16
	2015	373	*1	111	117	144	18
State of Palestine	2012	49	0	*5	15	29	11
	2013	51	1	3	19	28	12
	2014	65	1	3	33	29	14
	2015	65	1	3	29	32	14

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Syrian Arab Republic	2012	400	41	101	128	130	20
	2013	356	32	88	120	117	18
	2014	299	30	71	91	107	16
	2015	276	27	65	88	95	15
Tajikistan	2012	89	1	24	13	52	11
	2013	87	1	20	25	41	11
	2014	98	1	15	36	47	12
	2015	101	1	15	35	50	12
Thailand	2012	*3,381	*583	*920	*995	*883	*50
	2013	3,669	828	993	957	892	54
	2014	3,662	824	1,013	939	886	54
	2015	3,739	805	1,055	1,003	876	55
Timor-Leste	2012	*4	..	..	*1	*3	*4
	2013	*4	..	..	*1	*3	*4
	2014	*5	..	..	*1	*4	*4
	2015	*5	..	..	*1	*4	*4
Turkey	2012	3,551	299	1,020	731	1,502	47
	2013	3,536	298	987	831	1,420	46
	2014	3,543	231	1,028	873	1,411	46
	2015	3,866	291	1,057	1,033	1,485	49
Turkmenistan	2012	704	..	51	160	493	136
	2013	729	..	53	173	503	139
	2014	750	..	56	182	512	141
	2015	757	..	58	182	517	141
United Arab Emirates	2012	*2,400	207	*1,415	479	299	*268
	2013	*2,523	*229	*1,445	539	310	*279
	2014	2,532	262	1,386	543	340	279
	2015	*2,887	*327	*1,614	575	370	*315
Uzbekistan	2012	1,491	80	331	129	952	52
	2013	1,272	66	284	113	809	44
	2014	1,290	66	292	111	821	44
	2015	1,233	63	280	106	784	41
Viet Nam	2012	2,055	33	789	416	816	23
	2013	2,092	49	798	406	839	23
	2014	2,176	63	809	430	874	24
	2015	2,258	72	826	451	909	24
Yemen	2012	168	1	29	77	61	7
	2013	247	1	44	116	86	10
	2014	222	1	41	103	77	8
	2015	82	0	15	44	23	3
Europe	2012	74,156	7,671	18,751	18,331	29,402	101
	2013	72,795	7,470	17,783	18,220	29,323	99
	2014	71,407	7,856	17,612	18,365	27,574	97
	2015	71,647	7,837	17,342	18,488	27,979	97
Albania	2012	81	1	16	31	32	28
	2013	92	6	15	35	37	32
	2014	94	3	20	35	35	33
	2015	86	3	13	35	35	30
Andorra	2012	9	0	0	5	4	109
	2013	8	0	0	4	4	112
	2014	8	0	0	4	4	113
	2015	8	0	0	4	4	118

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Austria	2012	1,138	75	315	337	410	135
	2013	1,158	73	320	353	413	136
	2014	1,118	82	310	349	377	131
	2015	1,139	78	314	359	388	133
Belarus	2012	962	228	200	171	362	101
	2013	830	94	192	183	361	87
	2014	853	141	189	173	349	90
	2015	760	104	167	155	334	80
Belgium	2012	1,690	310	444	365	571	153
	2013	1,770	331	461	359	620	159
	2014	1,695	354	457	365	520	151
	2015	1,763	359	457	382	565	156
Bosnia and Herzegovina	2012	133	7	28	44	54	35
	2013	123	3	31	40	50	32
	2014	184	3	32	42	107	48
	2015	190	3	34	43	110	50
Bulgaria	2012	400	20	108	124	149	55
	2013	381	20	108	112	142	53
	2014	393	22	110	125	137	55
	2015	418	26	113	137	142	58
Croatia	2012	298	23	48	80	147	69
	2013	294	24	47	80	143	69
	2014	280	24	46	79	131	66
	2015	295	23	46	84	142	69
Czechia	2012	1,091	114	291	246	441	103
	2013	1,077	110	278	244	445	102
	2014	1,059	121	273	253	413	100
	2015	1,067	102	278	263	423	101
Denmark	2012	576	11	95	171	298	103
	2013	569	12	90	169	299	101
	2014	542	11	88	170	274	96
	2015	561	11	88	173	289	99
Estonia	2012	122	4	24	32	63	92
	2013	126	7	27	31	61	96
	2014	121	5	23	32	62	92
	2015	120	4	22	32	61	91
Faeroe Islands	2012	8	0	1	3	4	157
	2013	9	0	1	3	5	182
	2014	8	0	1	3	4	165
	2015	8	0	1	3	4	172
Finland	2012	1,060	44	436	180	400	195
	2013	1,044	48	435	180	380	191
	2014	1,038	50	433	176	379	189
	2015	1,024	52	431	177	364	186
France	2012	6,496	578	1,063	1,857	2,998	102
	2013	6,612	559	1,139	1,846	3,068	104
	2014	6,161	586	1,041	1,860	2,673	96
	2015	6,255	563	1,067	1,879	2,746	94
Germany	2012	9,289	922	2,306	2,280	3,782	115
	2013	9,503	918	2,304	2,319	3,961	118
	2014	9,126	934	2,291	2,354	3,547	113
	2015	9,286	899	2,307	2,383	3,698	115

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Gibraltar	2012	6	1	..	5	1	195
	2013	6	1	..	5	1	204
	2014	7	1	..	5	1	218
	2015	7	1	..	6	1	230
Greece	2012	719	30	126	238	325	65
	2013	642	27	119	238	258	58
	2014	651	30	129	239	253	59
	2015	690	29	131	244	285	63
Guernsey	2012	*1	..	0	..	*1	*21
	2013	*1	..	0	..	*1	*21
	2014	*1	..	0	..	*1	*20
	2015	*1	..	0	..	*1	*21
Hungary	2012	747	71	136	159	381	75
	2013	750	66	158	149	378	76
	2014	748	79	159	167	342	76
	2015	794	83	166	180	365	81
Iceland	2012	109	0	57	11	41	338
	2013	114	0	59	12	43	350
	2014	116	1	60	12	44	354
	2015	120	1	61	13	45	363
Ireland	2012	427	12	91	148	176	92
	2013	430	13	91	150	176	92
	2014	424	9	93	156	165	91
	2015	439	9	101	158	170	94
Isle of Man	2012	2	..	0	..	2	28
	2013	2	..	0	..	2	27
	2014	2	..	0	..	2	26
	2015	2	..	1	..	2	26
Italy	2012	5,285	332	1,174	1,545	2,234	88
	2013	5,097	267	1,090	1,517	2,222	85
	2014	4,910	303	1,061	1,571	1,975	82
	2015	5,022	279	1,064	1,545	2,134	84
Jersey	2012	7	..	2	3	3	75
	2013	7	..	2	3	3	75
	2014	7	..	2	3	2	69
	2015	7	..	2	3	2	65
Latvia	2012	182	4	38	40	100	89
	2013	174	4	36	40	94	87
	2014	176	4	37	42	92	88
	2015	160	5	33	44	78	81
Liechtenstein	2012	*3	..	..	..	*3	*79
	2013	3	..	..	..	3	80
	2014	3	..	..	..	3	75
	2015	3	..	..	..	3	77
Lithuania	2012	251	52	42	63	94	83
	2013	237	42	41	63	91	80
	2014	244	45	41	70	89	84
	2015	248	47	41	74	86	86
Luxembourg	2012	163	2	29	94	38	305
	2013	160	2	27	92	39	294
	2014	154	2	27	89	36	276
	2015	151	1	27	84	39	266

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Malta	2012	18	0	2	8	8	42
	2013	18	0	2	8	8	43
	2014	18	0	2	8	9	44
	2015	19	0	2	8	9	47
Montenegro	2012	31	1	9	9	12	49
	2013	28	1	8	7	12	45
	2014	28	1	6	7	14	44
	2015	29	1	6	8	15	47
Netherlands	2012	2,575	601	573	482	919	154
	2013	2,580	603	563	469	945	153
	2014	2,392	599	554	439	800	142
	2015	2,384	551	551	445	836	141
Norway	2012	864	95	244	196	330	172
	2013	871	97	242	203	328	171
	2014	849	100	240	205	304	165
	2015	865	104	242	210	308	166
Poland	2012	2,828	211	581	702	1,335	73
	2013	2,798	214	604	664	1,316	72
	2014	2,730	223	600	669	1,238	71
	2015	2,770	234	596	709	1,232	72
Portugal	2012	707	56	208	234	209	67
	2013	696	58	204	230	205	67
	2014	696	61	197	231	207	67
	2015	701	57	200	236	209	68
Republic of Moldova	2012	82	2	10	23	47	20
	2013	85	2	10	24	48	21
	2014	86	2	10	25	49	21
	2015	88	1	9	27	51	22
Romania	2012	1,011	75	266	227	444	51
	2013	957	63	247	220	426	48
	2014	953	66	255	223	409	48
	2015	939	50	251	227	411	48
Russian Federation	2012	19,384	2,836	6,009	3,944	6,595	135
	2013	18,382	2,921	5,183	3,953	6,325	128
	2014	19,293	3,230	5,293	3,991	6,779	135
	2015	19,222	3,343	5,221	3,953	6,704	134
Serbia	2012	355	14	98	75	169	40
	2013	360	23	98	82	157	40
	2014	338	22	80	84	151	38
	2015	351	25	86	83	157	40
Slovakia	2012	433	41	139	99	154	80
	2013	448	45	136	99	168	83
	2014	413	39	140	94	140	76
	2015	425	44	143	94	145	78
Slovenia	2012	210	5	50	81	74	102
	2013	206	5	50	77	74	100
	2014	198	6	51	76	65	96
	2015	202	5	51	75	70	98
Spain	2012	3,580	253	845	1,266	1,217	77
	2013	3,421	212	836	1,191	1,182	74
	2014	3,319	173	806	1,198	1,142	72
	2015	3,368	182	757	1,257	1,172	73

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Sweden	2012	1,392	76	471	326	518	146
	2013	1,369	87	465	323	494	142
	2014	1,347	83	449	337	478	139
	2015	1,366	75	464	343	484	140
Switzerland	2012	835	22	156	254	403	104
	2013	855	22	157	253	422	105
	2014	785	20	151	251	363	95
	2015	788	21	141	242	384	95
T.F.Yug.Rep. Macedonia	2012	83	2	21	19	40	40
	2013	82	2	21	22	37	40
	2014	82	2	19	23	37	39
	2015	85	3	18	27	38	41
Ukraine	2012	3,073	256	1,039	483	1,294	68
	2013	2,959	207	927	498	1,328	66
	2014	2,599	146	879	435	1,140	58
	2015	2,145	139	692	371	943	48
United Kingdom	2012	5,438	281	962	1,674	2,521	86
	2013	5,459	281	959	1,670	2,549	85
	2014	5,156	274	954	1,695	2,233	80
	2015	5,276	320	947	1,714	2,296	82
Oceania	2012	4,035	231	1,201	1,545	1,057	107
	2013	4,147	247	1,263	1,574	1,062	109
	2014	4,195	282	1,264	1,581	1,067	108
	2015	4,201	234	1,236	1,624	1,107	107
American Samoa	2012	0	0	0	..	0	9
	2013	1	0	0	..	0	9
	2014	1	0	0	..	0	9
	2015	*1	0	0	..	0	*10
Australia	2012	3,298	183	981	1,306	828	144
	2013	3,387	192	1,029	1,331	834	146
	2014	3,385	206	1,010	1,332	836	143
	2015	3,394	168	988	1,365	873	142
Cook Islands	2012	*1	..	..	*1	0	*35
	2013	*1	..	..	*1	0	*35
	2014	*1	..	..	*1	0	*36
	2015	*1	..	..	*1	0	*33
Fiji	2012	*18	0	*7	*7	3	*20
	2013	*20	0	*9	*8	3	*23
	2014	*22	0	*9	*9	3	*25
	2015	*24	0	*10	*10	4	*27
French Polynesia	2012	*8	0	..	*5	3	*29
	2013	*8	0	..	*5	3	*28
	2014	*8	0	..	*5	*3	*27
	2015	*8	0	..	*5	*3	*28
Guam	2012	6	..	..	..	6	35
	2013	6	..	..	..	6	34
	2014	*6	..	..	..	*6	*34
	2015	*6	..	..	..	*6	*33
Kiribati	2012	1	0	0	0	0	6
	2013	1	0	0	0	0	6
	2014	1	0	0	0	0	5
	2015	*1	0	0	0	0	*5

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Marshall Islands	2012	*2	..	0	*1	0	*31
	2013	*2	..	0	*1	0	*31
	2014	*2	..	0	*1	0	*30
	2015	*2	..	0	*1	0	*31
Micronesia (Fed. States of)	2012	*1	0	0	*1	0	*14
	2013	*2	0	0	*1	0	*15
	2014	*2	0	0	*1	0	*17
	2015	*2	0	0	*1	0	*17
Nauru	2012	0	..	..	0	0	*35
	2013	0	..	..	0	0	*39
	2014	0	..	..	0	0	*42
	2015	0	..	..	0	0	*42
New Caledonia	2012	34	5	18	9	3	135
	2013	35	4	19	9	3	137
	2014	40	6	22	9	3	155
	2015	39	6	21	9	3	149
New Zealand	2012	539	42	163	190	144	122
	2013	556	49	173	192	142	125
	2014	595	68	189	194	145	132
	2015	591	59	183	201	147	130
Niue	2012	0	..	0	0	0	43
	2013	0	..	0	0	0	44
	2014	0	..	0	0	0	45
	2015	0	..	0	0	0	46
Northern Mariana Islands	2012	*1	..	..	..	*1	*22
	2013	*1	..	..	..	*1	*22
	2014	*1	..	..	..	*1	*21
	2015	*1	..	..	..	*1	*22
Palau	2012	*2	0	0	*2	0	*110
	2013	*2	0	0	*2	0	*111
	2014	*2	0	0	*2	0	*110
	2015	*2	0	0	*2	0	*110
Papua New Guinea	2012	*110	*1	31	19	*60	*15
	2013	*113	1	33	20	*60	*16
	2014	*117	1	34	22	*60	*16
	2015	*117	*1	*34	*22	*60	*15
Samoa	2012	*4	0	0	*2	*2	*20
	2013	4	0	0	2	2	20
	2014	*4	0	0	*2	*2	*20
	2015	*4	0	0	2	*2	*22
Solomon Islands	2012	*5	0	0	*1	*4	*9
	2013	*5	0	0	*1	*4	*9
	2014	*5	0	0	*1	*4	*9
	2015	*5	0	0	*1	*4	*9
Tonga	2012	*1	0	..	*1	0	*12
	2013	*1	0	..	*1	0	*12
	2014	*1	0	..	*1	0	*12
	2015	*1	0	..	*1	0	*12
Tuvalu	2012	0	..	..	0	0	*7
	2013	0	..	..	0	0	*7
	2014	0	..	..	0	0	*8
	2015	0	..	..	0	0	*9

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Vanuatu	2012	*2	0	..	*1	*1	*9
	2013	*2	0	..	*1	*1	*8
	2014	*3	0	..	*2	*1	*11
	2015	*3	0	..	*1	*1	*9
Wallis and Futuna Is.	2012	0	..	..	0	0	*13
	2013	0	..	..	0	0	*13
	2014	0	..	..	0	0	*13
	2015	0	..	..	0	0	*13

Table 4

Production, trade and supply of coal
 Thousand metric tons of coal equivalent and kilograms per capita

Table Notes

Production includes hard coal, brown coal, oil shale and peat. Production from other sources of hard coal and brown coal is also included, representing recovered slurries, middlings, and other low-grade coal products which cannot be classified according to type of coal and which includes coal recovered from waste piles and other waste receptacles.

Imports, Exports and Changes in stocks refer to hard coal, brown coal, oil shale, peat, coke oven coke, gas coke, coal tar, patent fuel, brown coal briquettes, peat products and other coal products.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/classification, and xvi to xvii for the descriptions of relevant flows.

Figure 11: Production of coal by region, 1990-2015

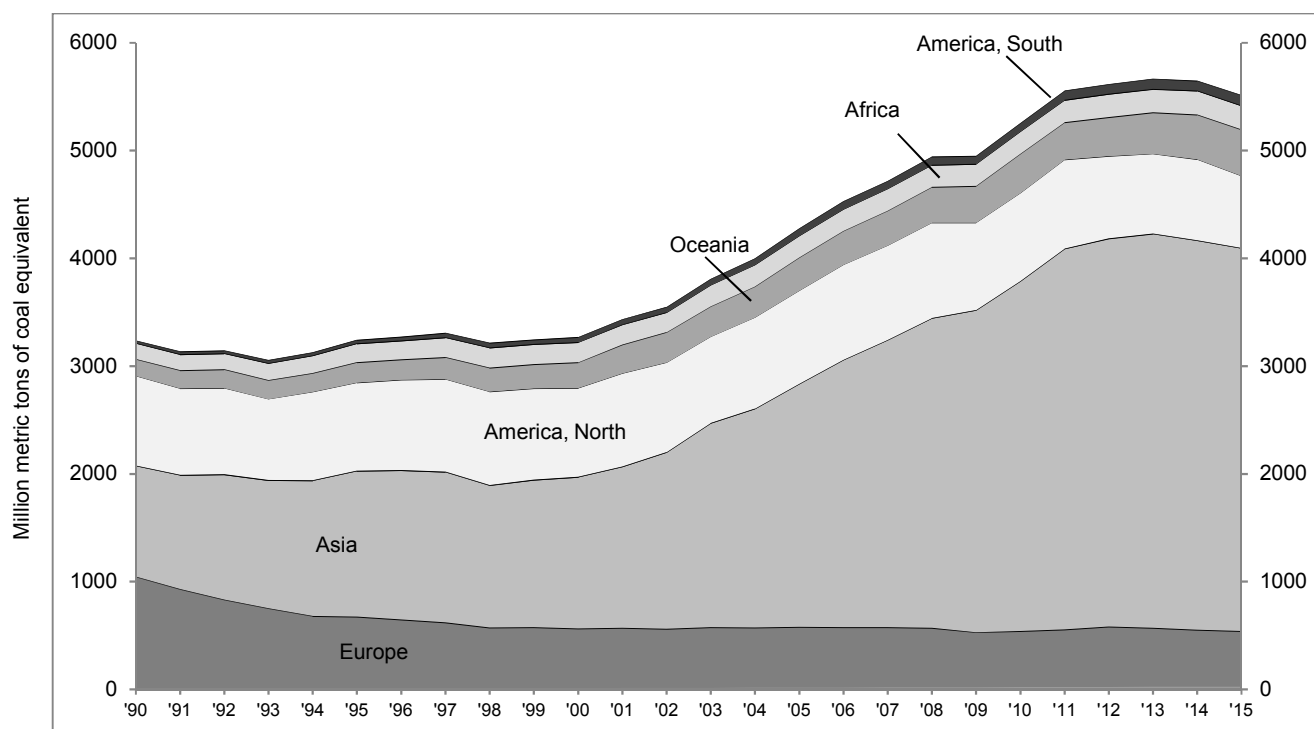


Table 4

Production, trade and supply of coal

Thousand metric tons of coal equivalent and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
World	2012	5,610,999	1,063,053	1,067,227	17,584	5,589,241	787
	2013	5,663,399	1,125,807	1,222,743	32,574	5,533,890	771
	2014	5,645,259	1,176,033	1,230,208	54,991	5,536,094	762
	2015	5,510,130	1,108,367	1,184,402	8,339	5,425,756	738
Africa	2012	216,006	11,683	64,756	1,940	160,993	146
	2013	217,417	9,702	64,485	2,628	160,006	142
	2014	223,918	11,498	60,686	3,303	171,427	148
	2015	221,490	11,286	66,085	2,473	164,218	139
Algeria	2012	..	405	..	-13	418	11
	2013	..	260	..	-33	293	8
	2014	..	246	..	28	218	6
	2015	..	203	..	1	202	5
Benin	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	62	..	..	62	6
	2015	..	36	..	..	36	3
Botswana	2012	1,184	..	87	220	878	411
	2013	1,205	..	54	105	1,046	481
	2014	1,378	..	156	-226	1,448	652
	2015	1,678	..	195	*391	1,093	483
Burundi	2012	10	..	..	..	10	1
	2013	8	..	..	..	8	1
	2014	6	..	..	..	6	1
	2015	2	..	..	..	2	0
Egypt	2012	18	*895	*247	-13	*679	*8
	2013	3	732	84	10	641	7
	2014	0	683	120	..	563	6
	2015	..	600	94	..	507	6
Ethiopia	2012	..	197	..	..	197	2
	2013	..	256	..	..	256	3
	2014	..	357	..	..	357	4
	2015	..	362	..	..	362	4
Kenya	2012	..	302	..	..	302	7
	2013	..	334	..	..	334	8
	2014	..	*414	..	..	*414	*9
	2015	..	438	..	..	438	10
Lesotho	2012	..	*599	..	..	*599	*291
	2013	..	*607	..	..	*607	*292
	2014	..	*616	..	..	*616	*292
	2015	..	*567	..	..	*567	*266
Madagascar	2012	..	232	..	..	232	10
	2013	..	375	..	..	375	16
	2014	..	338	..	..	338	14
	2015	..	*349	..	..	*349	*14
Malawi	2012	*66	13	*7	..	*72	*5
	2013	59	21	*7	..	73	4
	2014	56	17	*7	..	66	4
	2015	53	30	7	..	76	4
Mauritius	2012	..	646	..	48	598	475
	2013	..	627	..	-3	630	498
	2014	..	680	..	26	654	516
	2015	..	708	..	73	635	499

Table 4

Production, trade and supply of coal

Thousand metric tons of coal equivalent and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Morocco	2012	..	4,410	..	90	4,320	129
	2013	..	4,224	..	-2	4,226	124
	2014	..	6,146	..	379	5,767	167
	2015	..	6,090	..	-259	6,349	184
Mozambique	2012	4,158	..	2,714	1,429	15	1
	2013	5,502	..	3,549	1,939	14	1
	2014	5,814	..	4,296	1,208	310	11
	2015	6,152	..	4,482	*1,441	229	8
Namibia	2012	..	104	..	..	104	45
	2013	..	40	..	..	40	17
	2014	..	*26	..	..	*26	*11
	2015	..	0	..	-3	3	1
Niger	2012	137	..	..	-8	145	8
	2013	132	..	..	4	128	7
	2014	143	..	..	-6	150	8
	2015	123	..	..	-2	125	6
Nigeria	2012	42	..	..	..	42	0
	2013	39	..	..	..	39	0
	2014	40	..	..	..	40	0
	2015	41	..	..	..	41	0
Réunion	2012	1	604	..	-21	626	742
	2013	1	597	..	-1	599	706
	2014	1	560	..	-3	564	660
	2015	1	585	..	33	553	642
Senegal	2012	..	309	..	..	309	22
	2013	..	309	..	..	309	22
	2014	..	323	..	..	323	22
	2015	..	344	..	..	344	23
South Africa	2012	208,589	2,740	61,315	208	149,805	2,835
	2013	207,194	968	60,283	609	147,270	2,757
	2014	210,645	902	55,809	-398	156,135	2,893
	2015	208,921	834	61,007	-31	148,779	2,730
Swaziland	2012	*220	*85	*133	..	*173	*140
	2013	183	241	183	..	241	192
	2014	157	33	117	..	73	58
	2015	*163	*64	*119	..	*108	*84
United Rep. of Tanzania	2012	70	..	..	..	70	1
	2013	75	..	..	..	75	1
	2014	217	..	..	..	217	4
	2015	226	..	..	..	226	4
Zambia	2012	43	107	15	..	135	9
	2013	148	*63	*36	..	176	12
	2014	134	*54	*3	..	185	12
	2015	134	*54	*3	..	185	11
Zimbabwe	2012	1,468	36	238	..	1,266	87
	2013	2,869	48	290	..	2,627	176
	2014	5,327	42	177	2,296	2,895	190
	2015	3,994	22	179	829	3,008	193
America, North	2012	766,894	26,250	131,891	2,370	658,883	1,181
	2013	742,560	25,187	126,860	-26,370	667,257	1,185
	2014	754,406	27,177	107,849	4,012	669,722	1,178
	2015	671,256	27,005	86,909	25,285	586,067	1,021

Table 4

Production, trade and supply of coal

Thousand metric tons of coal equivalent and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Bahamas	2012	..	*1	..	..	*1	*4
	2013	..	*1	..	..	*1	*4
	2014	..	*1	..	..	*1	*4
	2015	..	*1	..	..	*1	*4
Bermuda	2012	..	0	..	..	0	1
	2013	..	0	..	..	0	1
	2014	..	0	..	..	0	1
	2015	..	0	..	..	0	1
Canada	2012	47,914	9,186	29,332	-431	28,199	809
	2013	50,057	7,975	33,501	-1,044	25,574	726
	2014	50,586	7,757	29,484	330	28,529	802
	2015	43,727	7,293	26,039	-1,125	26,106	726
Costa Rica	2012	..	119	..	..	119	25
	2013	..	122	..	..	122	26
	2014	..	121	..	..	121	25
	2015	..	110	..	..	110	23
Cuba	2012	..	6	..	..	6	1
	2013	..	12	..	..	12	1
	2014	..	2	..	..	2	0
	2015	..	7	..	..	7	1
Dominican Republic	2012	..	692	..	27	665	65
	2013	..	825	..	14	810	79
	2014	..	1,026	..	-33	1,059	102
	2015	..	981	..	2	979	93
Guadeloupe	2012	..	246	..	..	246	535
	2013	..	240	..	..	240	518
	2014	..	215	..	..	215	461
	2015	..	181	..	..	181	386
Guatemala	2012	..	658	..	148	510	33
	2013	..	999	..	231	768	49
	2014	..	1,104	..	273	831	52
	2015	..	1,731	..	541	1,191	73
Honduras	2012	..	249	..	0	249	32
	2013	..	254	..	0	254	32
	2014	..	192	..	0	192	24
	2015	..	99	..	0	99	12
Jamaica	2012	..	83	..	18	64	23
	2013	..	84	..	5	79	28
	2014	..	83	..	-9	92	33
	2015	..	95	..	9	86	31
Mexico	2012	11,350	6,415	215	-604	18,153	149
	2013	10,967	7,153	5	-330	18,444	149
	2014	11,074	7,277	4	273	18,074	144
	2015	11,409	7,554	3	-548	19,508	154
Panama	2012	..	284	..	..	284	76
	2013	..	300	..	..	300	79
	2014	..	310	..	..	310	80
	2015	..	312	..	..	312	79
United States	2012	707,630	8,311	102,343	3,212	610,386	1,939
	2013	681,536	7,223	93,354	-25,247	620,652	1,957
	2014	692,746	9,089	78,362	3,177	620,297	1,942
	2015	616,120	8,639	60,867	26,407	537,486	1,670

Table 4

Production, trade and supply of coal

Thousand metric tons of coal equivalent and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
America, South	2012	88,895	29,505	79,604	-1,020	39,815	98
	2013	94,276	31,378	82,192	731	42,731	104
	2014	91,927	33,588	79,882	-118	45,751	110
	2015	96,709	33,878	78,478	-1,324	53,433	128
Argentina	2012	80	1,631	117	-36	1,630	39
	2013	70	889	71	-9	896	21
	2014	48	1,861	81	-122	1,950	45
	2015	29	1,877	63	-126	1,969	45
Brazil	2012	4,199	18,837	0	-669	23,705	117
	2013	5,454	20,775	0	303	25,926	127
	2014	5,037	23,101	0	394	27,744	135
	2015	4,033	23,517	0	-498	28,047	135
Chile	2012	422	8,499	0	72	8,849	509
	2013	2,273	8,826	945	583	9,571	545
	2014	3,126	8,155	1,822	274	9,185	517
	2015	2,986	8,110	842	17	10,236	570
Colombia	2012	82,727	..	78,378	0	4,349	93
	2013	85,292	..	80,334	11	4,947	104
	2014	82,250	..	76,743	0	5,507	115
	2015	88,551	0	76,660	..	11,891	247
Falkland Is. (Malvinas)	2012	*4	..	..	..	*4	*1,476
	2013	*4	..	..	..	*4	*1,469
	2014	*4	..	..	..	*4	*1,462
	2015	*4	..	..	..	*4	*1,467
Paraguay	2012	..	1	..	..	1	0
	2013	..	0	..	..	0	0
	2014	..	0	..	..	0	0
	2015	..	3	..	..	3	0
Peru	2012	211	533	159	-387	972	32
	2013	195	884	154	-158	1,083	35
	2014	211	468	266	-664	1,077	35
	2015	241	368	242	-718	1,084	35
Uruguay	2012	..	3	..	..	3	1
	2013	..	3	..	..	3	1
	2014	..	2	..	..	2	1
	2015	..	3	..	..	3	1
Venezuela (Bolivar. Rep.)	2012	1,251	..	950	..	301	10
	2013	988	..	687	..	300	10
	2014	1,251	..	970	..	282	9
	2015	866	..	671	..	195	6
Asia	2012	3,599,594	729,931	341,668	9,605	3,978,252	934
	2013	3,659,762	784,865	448,881	50,033	3,945,713	917
	2014	3,614,651	831,346	433,158	35,294	3,977,545	914
	2015	3,553,076	779,218	393,072	-10,947	3,950,169	899
Afghanistan	2012	1,092	197	46	..	1,243	42
	2013	1,186	*197	*50	..	1,333	43
	2014	1,336	*197	*57	..	1,476	47
	2015	1,201	*193	*51	..	1,343	41
Armenia	2012	0	2	0	..	2	1
	2013	0	1	0	..	1	0
	2014	0	1	1	..	1	0
	2015	1	1	1	..	1	0

Table 4

Production, trade and supply of coal

Thousand metric tons of coal equivalent and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Azerbaijan	2012	..	5	..	-1	6	1
	2013	..	5	..	0	5	0
	2014	..	2	..	-1	3	0
	2015	..	1	..	-4	5	0
Bangladesh	2012	596	714	..	20	1,290	8
	2013	610	726	..	-75	1,412	9
	2014	676	705	..	59	1,322	8
	2015	483	2,620	..	-141	3,243	20
Bhutan	2012	87	..	41	..	46	62
	2013	68	..	5	..	64	85
	2014	107	..	23	..	84	110
	2015	75	..	5	..	70	91
Cambodia	2012	..	23	..	..	23	2
	2013	..	74	..	..	74	5
	2014	..	345	..	..	345	23
	2015	..	838	..	..	838	54
China	2012	2,676,472	159,574	7,281	15,157	2,813,609	2,076
	2013	2,706,449	176,979	9,640	49,458	2,824,330	2,073
	2014	2,663,058	178,295	12,201	30,517	2,798,635	2,044
	2015	2,607,837	124,709	13,088	-19,290	2,738,748	1,990
China, Hong Kong SAR	2012	..	11,114	0	702	10,412	1,466
	2013	..	11,674	2	572	11,100	1,549
	2014	..	12,407	0	778	11,629	1,609
	2015	..	10,063	0	499	9,564	1,312
China, Macao SAR	2012	..	1	..	..	1	1
	2013	..	0	..	..	0	0
	2014	..	0	..	..	0	0
	2015	..	0	..	..	0	0
Cyprus	2012	..	0	..	0	0	0
	2013	..	0	..	0	0	0
	2014	..	4	..	1	4	3
	2015	..	5	..	0	5	5
Georgia	2012	241	197	4	0	434	105
	2013	231	229	4	9	447	109
	2014	175	241	1	-7	422	104
	2015	177	218	2	15	378	95
India	2012	375,310	133,896	2,869	-7,534	513,870	407
	2013	342,209	155,438	1,416	-4,246	500,476	391
	2014	365,990	193,601	807	-2,870	561,654	434
	2015	378,702	182,105	812	3,612	556,384	424
Indonesia	2012	340,109	133	267,973	-140	72,409	292
	2013	404,094	617	374,099	690	29,921	119
	2014	383,741	2,437	361,221	9,351	15,605	61
	2015	376,390	2,863	323,263	-1,823	57,812	224
Iran (Islamic Rep. of)	2012	995	938	320	..	1,614	21
	2013	1,004	897	291	..	1,610	21
	2014	1,021	556	195	1	1,381	18
	2015	1,144	684	188	..	1,639	21
Israel	2012	42	11,923	..	-308	12,273	1,595
	2013	57	10,933	..	926	10,064	1,287
	2014	54	9,402	..	85	9,370	1,180
	2015	57	9,404	..	5	9,456	1,173

Table 4

Production, trade and supply of coal
 Thousand metric tons of coal equivalent and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Japan	2012	..	161,685	1,488	-85	160,283	1,261
	2013	..	174,513	1,209	13	173,291	1,365
	2014	..	169,744	498	42	169,204	1,334
	2015	..	168,559	785	-15	167,789	1,326
Jordan	2012	..	0	..	..	0	0
	2013	..	314	..	..	314	44
	2014	..	503	..	..	503	68
	2015	..	258	..	..	258	34
Kazakhstan	2012	75,376	921	20,417	1,800	54,080	3,215
	2013	74,913	854	21,181	1,045	53,541	3,131
	2014	71,343	1,054	19,300	188	52,907	3,046
	2015	67,300	843	19,493	-269	48,918	2,775
Korea, Dem.Ppl's.Rep.	2012	25,750	1,183	10,734	..	16,199	654
	2013	25,852	246	14,974	..	11,124	447
	2014	26,572	292	14,018	..	12,846	513
	2015	24,101	1,009	17,971	..	7,139	284
Korea, Republic of	2012	1,331	108,685	..	-58	110,074	2,219
	2013	1,154	110,541	..	254	111,441	2,236
	2014	1,111	113,603	..	-1,367	116,082	2,318
	2015	1,121	115,899	..	1,130	115,890	2,304
Kyrgyzstan	2012	603	897	8	0	1,492	264
	2013	738	907	97	224	1,323	230
	2014	941	920	152	41	1,668	285
	2015	1,011	972	149	222	1,612	271
Lao People's Dem. Rep.	2012	543	..	251	..	292	45
	2013	603	..	135	..	467	71
	2014	662	..	169	..	492	74
	2015	2,344	..	0	..	2,344	345
Lebanon	2012	..	236	..	..	236	48
	2013	..	189	..	..	189	36
	2014	..	236	..	..	236	42
	2015	..	239	..	..	239	41
Malaysia	2012	2,658	20,315	332	75	22,566	778
	2013	2,606	19,870	467	152	21,857	742
	2014	2,420	19,577	163	23	21,811	729
	2015	2,305	22,930	223	14	24,998	824
Mongolia	2012	25,796	0	14,896	-835	11,735	4,179
	2013	26,213	1	12,154	-814	14,874	5,202
	2014	21,641	1	13,741	-1,779	9,681	3,327
	2015	20,639	1	12,864	473	7,303	2,468
Myanmar	2012	662	6	27	..	641	12
	2013	472	0	42	..	430	8
	2014	450	..	16	..	435	8
	2015	363	..	16	..	347	6
Nepal	2012	8	305	..	..	313	11
	2013	12	380	..	..	392	14
	2014	12	680	..	..	692	25
	2015	16	780	..	..	796	28
Other Asia	2012	..	56,023	110	-647	56,560	2,427
	2013	..	58,007	13	434	57,560	2,466
	2014	..	57,867	68	-560	58,359	2,498
	2015	..	57,453	..	760	56,693	2,425

Table 4

Production, trade and supply of coal

Thousand metric tons of coal equivalent and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Pakistan	2012	2,040	3,499	..	..	5,539	31
	2013	2,144	2,955	..	..	5,099	28
	2014	2,187	4,719	..	..	6,907	37
	2015	2,406	4,607	..	..	7,013	37
Philippines	2012	5,534	9,175	2,392	562	11,755	122
	2013	5,353	11,076	2,565	-632	14,497	149
	2014	5,731	11,728	4,348	-2,373	15,484	156
	2015	5,563	13,248	2,342	-343	16,813	167
Singapore	2012	..	35	0	..	34	6
	2013	..	381	4	..	377	70
	2014	..	566	11	..	555	101
	2015	..	581	0	..	581	104
Sri Lanka	2012	..	962	..	239	724	35
	2013	..	1,131	..	370	761	37
	2014	..	1,607	..	145	1,461	71
	2015	..	1,882	..	*-85	1,967	95
Syrian Arab Republic	2012	..	1	..	..	1	0
	2013	..	1	..	..	1	0
	2014	..	1	..	..	1	0
	2015	..	1	..	..	1	0
Tajikistan	2012	249	15	1	..	263	33
	2013	323	7	..	..	329	41
	2014	549	8	1	..	556	67
	2015	653	8	..	..	661	78
Thailand	2012	7,485	16,559	0	-330	24,373	363
	2013	7,288	16,890	8	-459	24,629	365
	2014	6,603	19,155	21	3,070	22,668	335
	2015	5,545	21,582	19	2,984	24,124	355
Turkey	2012	22,271	27,803	89	-62	50,047	669
	2013	22,388	25,466	103	1,331	46,419	609
	2014	23,147	27,702	156	-578	51,271	661
	2015	18,284	31,470	215	274	49,265	626
United Arab Emirates	2012	..	2,030	55	..	1,974	221
	2013	..	2,533	7	..	2,526	279
	2014	..	2,820	1	..	2,819	310
	2015	..	2,451	3	..	2,449	267
Uzbekistan	2012	1,935	65	20	..	1,980	69
	2013	2,072	10	20	..	2,062	71
	2014	2,253	..	21	..	2,233	76
	2015	2,028	..	19	..	2,009	67
Viet Nam	2012	32,409	656	12,314	1,050	19,701	218
	2013	31,724	659	10,393	779	21,211	232
	2014	32,869	206	*5,967	528	26,580	288
	2015	33,331	625	*1,564	1,034	31,357	336
Yemen	2012	..	157	..	..	157	6
	2013	..	163	..	..	163	6
	2014	..	163	..	..	163	6
	2015	..	117	..	..	117	4
Europe	2012	580,410	265,007	168,531	254	676,632	918
	2013	566,457	273,658	188,493	308	651,313	883
	2014	549,250	271,223	201,333	10,340	608,799	825
	2015	538,291	255,636	196,665	-9,712	606,974	820

Table 4

Production, trade and supply of coal
 Thousand metric tons of coal equivalent and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Albania	2012	2	246	..	..	248	86
	2013	3	215	..	..	218	76
	2014	0	279	..	..	279	96
	2015	48	88	..	..	136	47
Andorra	2012	..	0	..	..	0	*2
	2013	..	0	..	..	0	*2
	2014	..	0	..	..	0	*3
	2015	..	0	..	..	0	*3
Austria	2012	0	4,775	3	129	4,644	549
	2013	0	4,473	2	-285	4,756	560
	2014	0	4,386	1	38	4,347	510
	2015	0	3,939	55	-688	4,573	535
Belarus	2012	930	458	132	108	1,148	121
	2013	812	584	55	145	1,196	126
	2014	513	747	39	-8	1,228	129
	2015	350	641	65	-172	1,098	116
Belgium	2012	19	5,503	1,226	-265	4,561	412
	2013	20	5,379	922	-215	4,692	421
	2014	18	5,437	705	116	4,634	413
	2015	14	4,455	87	-129	4,511	399
Bosnia and Herzegovina	2012	5,676	1,114	424	98	6,268	1,637
	2013	5,451	1,245	429	51	6,216	1,626
	2014	5,383	1,489	528	28	6,317	1,655
	2015	5,611	1,452	465	284	6,315	1,657
Bulgaria	2012	8,015	2,220	48	187	10,001	1,369
	2013	6,839	1,440	21	-199	8,457	1,166
	2014	7,327	1,359	12	-468	9,142	1,270
	2015	8,379	1,080	8	-6	9,457	1,323
Croatia	2012	..	793	1	-109	902	210
	2013	..	1,072	10	97	964	226
	2014	..	866	13	-71	924	217
	2015	..	892	0	26	865	204
Czechia	2012	28,968	2,971	5,794	1,199	24,946	2,366
	2013	25,392	3,066	5,522	-1,645	24,581	2,331
	2014	24,266	4,169	4,923	385	23,128	2,194
	2015	24,395	3,879	4,172	271	23,831	2,260
Denmark	2012	..	3,310	9	-224	3,525	629
	2013	..	3,951	41	-398	4,307	766
	2014	..	3,650	42	169	3,440	609
	2015	..	2,169	72	-370	2,467	435
Estonia	2012	5,765	76	43	366	5,432	4,103
	2013	6,322	55	42	3	6,332	4,797
	2014	6,469	76	42	127	6,376	4,844
	2015	6,000	6	21	483	5,503	4,192
Finland	2012	1,492	3,825	69	-1,416	6,663	1,228
	2013	2,573	4,871	77	-107	7,474	1,371
	2014	2,290	5,219	77	1,062	6,370	1,163
	2015	1,196	3,659	120	-1,077	5,814	1,056
France	2012	257	16,241	69	-507	16,936	266
	2013	278	16,761	12	-910	17,936	281
	2014	266	13,116	54	98	13,231	206
	2015	0	12,422	26	-205	12,601	190

Table 4

Production, trade and supply of coal

Thousand metric tons of coal equivalent and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Germany	2012	67,995	47,549	1,628	-266	114,182	1,419
	2013	64,364	53,493	1,649	-478	116,686	1,448
	2014	63,047	53,136	2,149	216	113,818	1,411
	2015	61,661	53,538	1,852	-531	113,878	1,411
Greece	2012	11,492	275	12	135	11,621	1,046
	2013	9,612	333	13	-39	9,971	902
	2014	9,120	285	8	-156	9,553	868
	2015	8,108	227	..	326	8,009	731
Hungary	2012	2,295	1,815	386	-120	3,843	386
	2013	2,302	1,601	595	-56	3,364	339
	2014	2,269	1,517	606	-1	3,181	322
	2015	2,169	1,578	430	-59	3,376	343
Iceland	2012	..	139	..	6	132	409
	2013	..	139	..	0	139	428
	2014	..	124	..	0	124	379
	2015	..	133	..	0	133	403
Ireland	2012	451	1,911	18	-994	3,338	715
	2013	1,845	2,120	18	1,037	2,909	623
	2014	1,387	1,736	14	258	2,852	610
	2015	1,088	2,116	18	61	3,125	666
Italy	2012	73	22,826	304	-619	23,214	388
	2013	66	18,847	243	-660	19,330	323
	2014	78	18,777	338	-158	18,675	312
	2015	73	18,058	378	98	17,655	295
Latvia	2012	3	135	10	-3	131	64
	2013	3	109	9	-9	113	56
	2014	2	70	5	-18	85	43
	2015	0	58	2	-10	66	34
Lithuania	2012	24	319	29	-11	325	108
	2013	34	408	37	29	375	126
	2014	40	294	8	10	316	109
	2015	30	223	4	-5	253	88
Luxembourg	2012	..	77	..	..	77	145
	2013	..	67	..	..	67	124
	2014	..	76	..	..	76	136
	2015	..	70	..	..	70	124
Montenegro	2012	561	0	17	..	544	872
	2013	532	1	7	..	525	841
	2014	520	1	9	..	512	819
	2015	557	2	18	..	541	864
Netherlands	2012	..	25,451	16,022	-1,945	11,374	679
	2013	..	35,932	23,397	1,343	11,193	666
	2014	..	40,947	27,319	1,141	12,486	740
	2015	..	48,955	31,697	2,042	15,217	899
Norway	2012	1,178	1,149	1,222	-64	1,169	233
	2013	1,779	1,023	1,984	-290	1,107	218
	2014	1,606	1,172	1,542	22	1,214	236
	2015	1,060	1,080	1,078	-110	1,173	225
Poland	2012	82,619	8,741	12,237	5,580	73,542	1,905
	2013	81,642	9,211	15,559	-1,819	77,113	1,997
	2014	77,220	9,174	14,030	770	71,594	1,854
	2015	76,974	7,227	14,119	22	70,060	1,814

Table 4

Production, trade and supply of coal
 Thousand metric tons of coal equivalent and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Portugal	2012	..	4,332	..	139	4,193	399
	2013	..	3,612	..	-173	3,785	362
	2014	..	3,710	..	-119	3,829	368
	2015	..	4,582	..	..	4,582	443
Republic of Moldova	2012	..	150	..	-6	155	38
	2013	..	217	..	8	209	51
	2014	..	120	..	-10	130	32
	2015	..	135	..	-4	139	34
Romania	2012	9,066	1,765	12	-10	10,829	543
	2013	6,652	1,505	6	-37	8,188	414
	2014	6,356	1,386	15	-423	8,149	415
	2015	6,837	1,507	102	-234	8,477	434
Russian Federation	2012	263,451	26,093	118,693	490	170,361	1,189
	2013	263,248	25,039	127,480	3,617	157,191	1,096
	2014	271,061	22,723	140,360	2,429	150,996	1,053
	2015	286,103	20,429	139,806	-2,349	169,075	1,179
Serbia	2012	10,397	586	8	76	10,900	1,213
	2013	10,958	441	54	22	11,324	1,267
	2014	8,161	695	27	-94	8,923	1,003
	2015	10,287	899	11	95	11,080	1,252
Slovakia	2012	811	4,566	102	312	4,963	916
	2013	835	4,093	110	-136	4,954	914
	2014	828	4,171	87	2	4,909	905
	2015	708	4,032	60	-22	4,701	866
Slovenia	2012	1,562	430	1	-18	2,009	974
	2013	1,536	368	6	-13	1,911	926
	2014	1,169	325	1	-6	1,498	725
	2015	1,232	291	0	-7	1,531	740
Spain	2012	3,515	18,502	1,596	-1,489	21,911	470
	2013	2,518	11,538	603	-2,196	15,649	337
	2014	2,326	13,600	960	-1,359	16,325	353
	2015	1,780	15,641	865	-2,319	18,876	409
Sweden	2012	201	2,471	22	-462	3,113	326
	2013	266	2,636	26	-283	3,160	328
	2014	192	2,873	30	30	3,004	310
	2015	157	2,868	78	-73	3,021	309
Switzerland	2012	..	177	..	5	173	21
	2013	..	186	..	10	176	22
	2014	..	157	..	-45	201	24
	2015	..	185	..	1	185	22
T.F.Yug.Rep. Macedonia	2012	1,780	203	8	-23	1,998	966
	2013	1,504	144	0	0	1,648	795
	2014	1,407	166	0	11	1,562	753
	2015	1,252	121	1	16	1,357	653
Ukraine	2012	57,628	14,180	7,419	2,551	61,838	1,364
	2013	58,440	12,984	8,950	2,684	59,790	1,324
	2014	46,225	14,820	6,926	2,006	52,113	1,158
	2015	24,914	14,199	616	-636	39,133	873
United Kingdom	2012	14,184	39,630	968	-2,574	55,420	872
	2013	10,629	44,500	612	1,210	53,308	834
	2014	9,704	38,376	467	4,357	43,256	672
	2015	7,307	22,796	440	-4,428	34,091	527

Table 4

Production, trade and supply of coal

Thousand metric tons of coal equivalent and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Oceania	2012	359,200	678	280,777	4,435	74,665	1,986
	2013	382,928	1,017	311,833	5,243	66,870	1,751
	2014	411,107	1,203	347,300	2,160	62,850	1,622
	2015	429,308	1,345	363,194	2,565	64,895	1,650
Australia	2012	355,096	123	278,539	4,862	71,818	3,135
	2013	379,014	86	309,693	5,100	64,308	2,763
	2014	407,766	180	345,530	2,298	60,118	2,545
	2015	426,544	238	361,805	2,803	62,174	2,594
New Caledonia	2012	..	554	..	41	513	2,027
	2013	..	550	..	45	505	1,969
	2014	..	685	..	-48	733	2,820
	2015	..	793	..	22	771	2,930
New Zealand	2012	4,104	1	2,238	-468	2,334	526
	2013	3,914	381	2,140	98	2,057	461
	2014	3,342	338	1,770	-90	1,999	445
	2015	2,765	314	1,389	-260	1,950	431

Table 5

Production, trade and supply of hard coal

Thousand metric tons and kilograms per capita

Table Notes

Production includes production from other sources as defined in the previous table.

Data for China include brown coal.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/ classification, and xvi to xvii for the descriptions of relevant flows.

Figure 12: Production of hard coal by region, 1990-2015

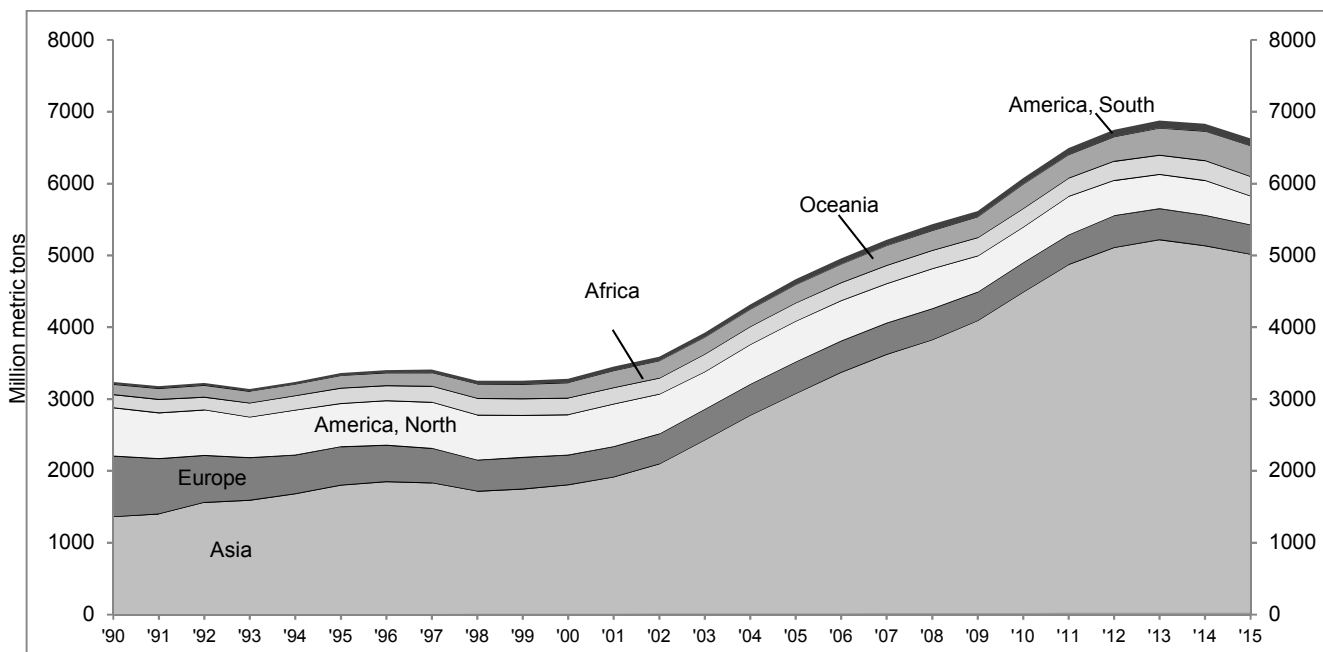


Figure 13: Major hard coal producing countries, 2015

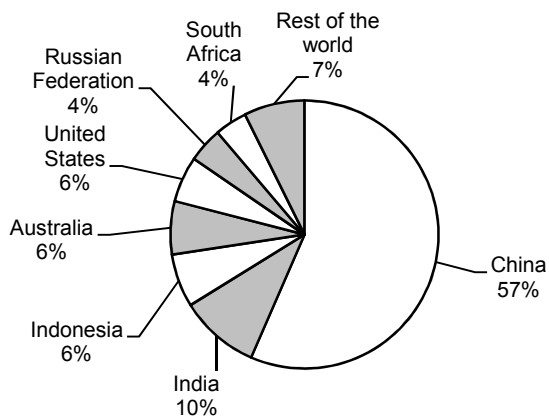


Figure 14: Major hard coal consuming countries, 2015

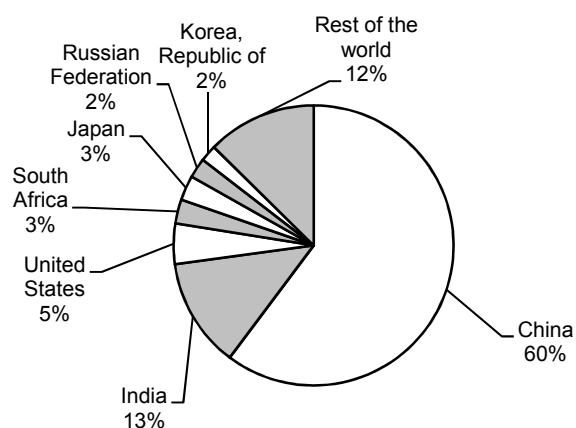


Table 5

Production, trade and supply of hard coal

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
World	2012	6,747,976	1,245,036	1,169,763	33,561	6,789,688	957
	2013	6,877,168	1,329,734	1,342,075	35,234	6,829,593	951
	2014	6,831,238	1,341,289	1,344,266	76,814	6,751,447	929
	2015	6,627,702	1,241,522	1,292,424	-15,938	6,592,738	897
Africa	2012	266,946	11,800	79,300	2,199	197,247	179
	2013	267,711	9,728	78,851	2,995	195,592	173
	2014	275,278	11,749	74,042	3,450	209,534	181
	2015	272,457	11,548	80,692	2,720	200,593	169
Algeria	2012	..	0	..	0	0	0
	2013	..	0	..	0	0	0
	2014	..	20	..	-1	21	1
	2015	..	0	..	-11	11	0
Benin	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	70	..	..	70	7
	2015	..	41	..	..	41	4
Botswana	2012	1,471	..	108	273	1,090	511
	2013	1,496	..	67	130	1,299	597
	2014	1,712	..	194	-281	1,799	810
	2015	2,085	..	242	*486	1,357	600
Egypt	2012	21	*905	..	..	*926	*11
	2013	3	416	..	..	419	5
	2014	0	436	..	..	436	5
	2015	..	341	..	..	341	4
Ethiopia	2012	..	224	..	..	224	2
	2013	..	291	..	..	291	3
	2014	..	405	..	..	405	4
	2015	..	411	..	..	411	4
Kenya	2012	..	343	..	..	343	8
	2013	..	379	..	..	379	9
	2014	..	*470	..	..	*470	*10
	2015	..	498	..	..	498	11
Lesotho	2012	..	*680	..	..	*680	*331
	2013	..	*690	..	..	*690	*331
	2014	..	*700	..	..	*700	*332
	2015	..	*644	..	..	*644	*302
Madagascar	2012	..	263	..	..	263	12
	2013	..	426	..	..	426	19
	2014	..	384	..	..	384	16
	2015	..	*396	..	..	*396	*16
Malawi	2012	*75	15	*8	..	*82	*5
	2013	67	24	*8	..	83	5
	2014	64	20	*8	..	75	5
	2015	61	34	8	..	86	5
Mauritius	2012	..	729	..	54	675	536
	2013	..	708	..	-3	711	563
	2014	..	772	..	29	743	586
	2015	..	804	..	83	721	566
Morocco	2012	..	4,677	..	95	4,582	137
	2013	..	4,480	..	-2	4,482	132
	2014	..	6,518	..	402	6,116	177
	2015	..	6,460	..	-275	6,735	196

Table 5

Production, trade and supply of hard coal

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Mozambique	2012	4,530	..	2,957	1,557	16	1
	2013	5,992	..	3,865	2,112	15	1
	2014	6,332	..	4,679	1,315	338	12
	2015	6,600	..	4,809	*1,546	246	9
Namibia	2012	..	134	..	..	134	58
	2013	..	52	..	..	52	22
	2014	..	*33	..	..	*33	*14
	2015	..	0	..	-4	4	2
Niger	2012	251	..	..	-15	265	15
	2013	242	..	..	7	235	13
	2014	263	..	..	-12	274	14
	2015	226	..	..	-4	230	12
Nigeria	2012	48	..	..	..	48	0
	2013	44	..	..	..	44	0
	2014	46	..	..	..	46	0
	2015	47	..	..	..	47	0
Réunion	2012	1	686	..	-23	711	843
	2013	2	678	..	-2	681	802
	2014	1	636	..	-4	641	749
	2015	1	664	..	37	628	730
Senegal	2012	..	349	..	..	349	25
	2013	..	350	..	..	350	25
	2014	..	365	..	..	365	25
	2015	..	389	..	..	389	26
South Africa	2012	258,575	2,591	76,009	258	184,899	3,499
	2013	256,282	915	74,565	753	181,879	3,405
	2014	260,540	853	69,029	-492	192,856	3,573
	2015	258,550	789	75,499	-38	183,878	3,375
Swaziland	2012	*250	*97	*151	..	*196	*159
	2013	208	255	208	..	255	204
	2014	133	21	133	..	21	16
	2015	*135	*53	*135	..	*53	*41
United Rep. of Tanzania	2012	79	..	..	..	79	2
	2013	85	..	..	..	85	2
	2014	246	..	..	..	246	5
	2015	257	..	..	..	257	5
Zambia	2012	51	67	15	..	103	7
	2013	176	*12	*39	..	149	10
	2014	159	..	..	..	159	10
	2015	159	..	..	..	159	10
Zimbabwe	2012	1,594	39	52	..	1,580	108
	2013	3,114	52	99	..	3,067	206
	2014	5,783	46	0	2,493	3,335	219
	2015	4,336	24	0	900	3,460	222
America, North	2012	489,680	25,923	140,753	-2,343	377,192	676
	2013	479,607	24,431	134,366	-15,872	385,544	685
	2014	486,307	26,405	116,710	10,000	386,001	679
	2015	400,370	25,219	92,122	5,285	328,182	572
Canada	2012	35,375	8,863	34,648	-208	9,798	281
	2013	38,282	6,263	38,989	-2,421	7,977	226
	2014	36,500	6,124	34,364	820	7,440	209
	2015	29,000	6,050	30,370	-2,489	7,169	199

Table 5

Production, trade and supply of hard coal

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Costa Rica	2012	..	4	..	..	4	1
	2013	..	8	..	..	8	2
	2014	..	10	..	..	10	2
	2015	..	1	..	..	1	0
Cuba	2012	..	4	..	..	4	0
	2013	..	13	..	..	13	1
	2014	..	1	..	..	1	0
	2015	..	7	..	..	7	1
Dominican Republic	2012	..	786	..	30	755	74
	2013	..	937	..	16	920	90
	2014	..	1,166	..	-38	1,203	116
	2015	..	1,115	..	2	1,113	106
Guadeloupe	2012	..	280	..	..	280	607
	2013	..	273	..	..	273	589
	2014	..	244	..	..	244	523
	2015	..	206	..	..	206	439
Guatemala	2012	..	747	..	168	579	38
	2013	..	1,134	..	262	873	56
	2014	..	1,254	..	310	944	59
	2015	..	1,967	..	614	1,353	83
Honduras	2012	..	110	..	..	110	14
	2013	..	112	..	..	112	14
	2014	..	119	..	..	119	15
	2015	..	113	..	..	113	14
Jamaica	2012	..	94	..	21	73	26
	2013	..	95	..	6	89	32
	2014	..	94	..	-10	105	38
	2015	..	108	..	10	98	35
Mexico	2012	2,096	6,790	217	-367	9,036	74
	2013	2,122	7,489	4	108	9,499	77
	2014	1,952	7,518	4	-20	9,486	76
	2015	3,186	7,245	3	-67	10,495	83
Panama	2012	..	323	..	..	323	86
	2013	..	341	..	..	341	90
	2014	..	352	..	..	352	91
	2015	..	354	..	..	354	90
United States	2012	452,209	7,922	105,888	-1,987	356,230	1,132
	2013	439,203	7,766	95,373	-13,843	365,439	1,152
	2014	447,855	9,523	82,342	8,938	366,098	1,146
	2015	368,184	8,055	61,749	7,215	307,275	955
America, South	2012	97,943	29,059	84,412	-707	43,297	107
	2013	104,717	30,204	87,190	1,163	46,569	114
	2014	102,166	32,318	84,625	159	49,700	120
	2015	105,976	32,467	82,896	-1,546	57,093	136
Argentina	2012	95	1,586	78	-14	1,617	38
	2013	83	864	27	17	903	21
	2014	57	1,919	29	-112	2,059	48
	2015	34	1,905	14	-120	2,045	47
Brazil	2012	6,617	16,486	0	-515	23,618	117
	2013	8,594	18,041	0	534	26,101	128
	2014	7,936	20,351	0	460	27,827	135
	2015	6,354	20,273	0	-679	27,306	131

Table 5

Production, trade and supply of hard coal

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Chile	2012	712	10,359	0	199	10,872	625
	2013	3,028	10,301	1,259	743	11,327	644
	2014	4,164	9,538	2,223	417	11,062	623
	2015	3,143	9,894	844	0	12,193	679
Colombia	2012	89,092	..	83,295	..	5,797	124
	2013	91,854	..	85,117	..	6,737	142
	2014	88,578	..	81,190	..	7,388	155
	2015	95,363	0	81,142	..	14,221	295
Paraguay	2012	..	2	..	..	2	0
	2013	..	0	..	..	0	0
	2014	..	0	..	..	0	0
	2015	..	4	..	..	4	1
Peru	2012	227	624	128	-377	1,100	36
	2013	211	995	128	-131	1,209	40
	2014	231	507	253	-606	1,091	35
	2015	252	388	253	-747	1,134	36
Uruguay	2012	..	3	..	..	3	1
	2013	..	3	..	..	3	1
	2014	..	3	..	..	3	1
	2015	..	3	..	..	3	1
Venezuela (Bolivar. Rep.)	2012	1,200	..	911	..	289	10
	2013	947	..	659	..	288	10
	2014	1,200	..	930	..	270	9
	2015	830	..	643	..	187	6
Asia	2012	5,106,246	896,553	389,731	27,997	5,585,072	1,311
	2013	5,216,587	973,793	508,837	43,035	5,638,507	1,310
	2014	5,132,248	984,590	483,221	48,788	5,584,829	1,284
	2015	5,015,034	901,025	438,199	-14,356	5,492,216	1,250
Afghanistan	2012	1,240	..	..	..	1,240	42
	2013	1,347	..	..	..	1,347	44
	2014	1,517	..	..	..	1,517	48
	2015	1,365	..	..	..	1,365	42
Armenia	2012	..	3	0	..	3	1
	2013	..	1	0	..	1	0
	2014	..	1	0	..	1	0
	2015	..	1	0	..	1	0
Azerbaijan	2012	..	5	..	-1	6	1
	2013	..	5	..	0	5	1
	2014	..	2	..	-1	3	0
	2015	..	1	..	-4	5	1
Bangladesh	2012	835	1,000	..	28	1,807	12
	2013	855	1,000	..	-105	1,960	12
	2014	947	988	..	83	1,852	12
	2015	676	3,651	..	-197	4,524	28
Bhutan	2012	99	..	47	..	52	70
	2013	78	..	5	..	73	96
	2014	122	..	27	..	95	125
	2015	85	..	5	..	80	103
China	2012	3,945,128	288,411	9,275	37,720	4,186,544	3,089
	2013	3,974,322	327,018	7,508	43,684	4,250,148	3,119
	2014	3,873,919	291,220	5,742	41,062	4,118,335	3,007
	2015	3,746,542	204,065	5,338	-25,469	3,970,738	2,886

Table 5

Production, trade and supply of hard coal

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
China, Hong Kong SAR	2012	..	12,351	0	780	11,571	1,629
	2013	..	12,974	2	636	12,336	1,722
	2014	..	13,789	0	865	12,924	1,788
	2015	..	11,184	0	555	10,629	1,458
Cyprus	2012	..	0	..	0	0	0
	2013	..	0	..	0	0	0
	2014	..	5	..	1	4	3
	2015	..	6	..	0	6	5
Georgia	2012	..	76	4	0	71	17
	2013	..	82	4	0	77	19
	2014	..	127	2	*-3	129	32
	2015	..	110	2	..	108	27
India	2012	557,707	145,790	2,825	-11,890	712,562	564
	2013	565,766	168,440	2,188	-7,535	739,553	578
	2014	612,435	212,103	1,238	-4,269	827,569	639
	2015	639,234	199,884	1,250	5,404	832,464	635
Indonesia	2012	385,899	78	304,051	-217	82,143	331
	2013	458,463	509	424,325	860	33,787	134
	2014	435,743	2,273	410,083	10,695	17,238	68
	2015	427,280	2,813	366,970	-2,069	65,192	253
Iran (Islamic Rep. of)	2012	1,043	91	333	..	801	11
	2013	1,051	48	305	..	794	10
	2014	1,075	140	205	..	1,010	13
	2015	1,206	397	183	..	1,420	18
Israel	2012	..	13,816	..	-360	14,176	1,842
	2013	..	12,643	..	1,083	11,560	1,479
	2014	..	11,021	..	100	10,921	1,376
	2015	..	11,042	..	6	11,036	1,369
Japan	2012	..	183,861	3	..	183,858	1,446
	2013	..	195,609	2	..	195,607	1,540
	2014	..	188,068	1	..	188,067	1,483
	2015	..	189,593	2	..	189,591	1,498
Jordan	2012	..	0	..	..	0	0
	2013	..	331	..	..	331	46
	2014	..	474	..	..	474	64
	2015	..	262	..	..	262	34
Kazakhstan	2012	112,779	206	30,322	2,848	79,815	4,745
	2013	112,884	228	31,762	1,608	79,742	4,663
	2014	107,091	15	28,471	61	78,574	4,523
	2015	101,793	14	28,865	-873	73,815	4,188
Korea, Dem.Ppl's.Rep.	2012	25,800	1,089	12,011	..	14,878	601
	2013	26,600	63	16,703	..	9,960	400
	2014	27,090	113	15,610	..	11,593	463
	2015	24,960	953	19,863	..	6,050	241
Korea, Republic of	2012	2,094	121,434	..	-92	123,620	2,492
	2013	1,815	124,704	..	400	126,119	2,530
	2014	1,748	126,167	..	-2,151	130,066	2,597
	2015	1,764	127,080	..	1,778	127,066	2,526
Kyrgyzstan	2012	153	1,399	0	0	1,552	275
	2013	251	1,271	144	354	1,024	178
	2014	298	1,276	236	-57	1,395	239
	2015	345	1,371	227	-26	1,515	255

Table 5

Production, trade and supply of hard coal

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Lao People's Dem. Rep.	2012	233	..	16	..	217	34
	2013	245	..	45	..	200	30
	2014	257	..	54	..	203	30
	2015	136	..	0	..	136	20
Lebanon	2012	..	250	..	..	250	51
	2013	..	200	..	..	200	38
	2014	..	250	..	..	250	45
	2015	..	253	..	..	253	43
Malaysia	2012	2,951	22,558	369	83	25,057	863
	2013	2,894	22,063	518	169	24,270	824
	2014	2,687	21,738	181	25	24,219	810
	2015	2,559	25,461	248	15	27,757	915
Mongolia	2012	23,124	0	15,155	-1,716	9,685	3,449
	2013	23,793	1	12,439	-945	12,300	4,302
	2014	19,215	1	13,986	-1,705	6,935	2,383
	2015	18,451	1	13,303	530	4,618	1,561
Myanmar	2012	790	8	34	..	765	15
	2013	565	0	53	..	512	10
	2014	533	..	20	..	513	10
	2015	420	..	20	..	400	7
Nepal	2012	9	356	..	..	365	13
	2013	14	443	..	..	457	16
	2014	14	794	..	..	808	29
	2015	19	910	..	..	929	33
Other Asia	2012	..	48,544	..	-714	49,258	2,114
	2013	..	52,633	..	879	51,754	2,218
	2014	..	52,534	..	-578	53,112	2,273
	2015	..	53,330	..	829	52,501	2,245
Pakistan	2012	3,179	3,710	..	..	6,889	39
	2013	3,340	3,134	..	..	6,474	36
	2014	3,408	5,004	..	..	8,412	45
	2015	3,749	4,885	..	..	8,634	46
Singapore	2012	..	39	0	..	39	7
	2013	..	431	4	..	427	79
	2014	..	642	12	..	630	114
	2015	..	659	0	..	659	118
Sri Lanka	2012	..	962	..	239	724	35
	2013	..	1,131	..	370	761	37
	2014	..	1,607	..	145	1,461	71
	2015	..	1,882	..	*-85	1,967	95
Tajikistan	2012	318	24	2	..	340	43
	2013	482	10	..	..	492	61
	2014	822	12	1	..	833	100
	2015	985	13	..	..	998	118
Thailand	2012	..	18,360	0	*-44	18,404	274
	2013	..	18,726	9	186	18,531	275
	2014	..	21,243	23	3,733	17,487	258
	2015	..	23,964	21	3,512	20,431	301
Turkey	2012	2,292	29,195	7	20	31,460	420
	2013	1,968	26,633	5	418	28,178	370
	2014	1,833	29,816	64	121	31,464	406
	2015	1,435	33,979	151	445	34,818	443

Table 5

Production, trade and supply of hard coal

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
United Arab Emirates	2012	..	2,132	58	..	2,074	232
	2013	..	2,656	7	..	2,649	293
	2014	..	2,939	1	..	2,938	323
	2015	..	2,578	3	..	2,575	281
Uzbekistan	2012	60	..	..	..	60	2
	2013	199	..	..	..	199	7
	2014	408	..	..	..	408	14
	2015	367	..	..	..	367	12
Viet Nam	2012	40,512	627	15,219	1,313	24,607	272
	2013	39,655	621	12,808	974	26,494	290
	2014	41,086	42	*7,265	660	33,203	359
	2015	41,664	551	*1,748	1,293	39,174	419
Yemen	2012	..	178	..	..	178	7
	2013	..	185	..	..	185	7
	2014	..	185	..	..	185	7
	2015	..	133	..	..	133	5
Europe	2012	445,270	281,030	171,841	1,222	553,237	751
	2013	432,698	290,894	194,539	-1,765	530,818	720
	2014	426,293	285,379	208,905	11,949	490,818	665
	2015	408,153	270,285	204,841	-11,085	484,683	655
Albania	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	99	102	..	..	201	69
Andorra	2012	..	0	..	..	0	*2
	2013	..	0	..	..	0	*3
	2014	..	0	..	..	0	*4
	2015	..	0	..	..	0	*4
Austria	2012	..	3,642	2	146	3,494	413
	2013	..	3,182	1	-301	3,482	410
	2014	..	3,157	0	52	3,105	365
	2015	..	3,027	10	-652	3,669	429
Belarus	2012	..	415	1	56	358	38
	2013	..	586	0	43	543	57
	2014	..	781	5	32	744	78
	2015	..	675	41	-46	680	72
Belgium	2012	20	5,374	627	-319	5,086	459
	2013	21	5,284	598	-311	5,018	450
	2014	19	5,226	557	190	4,498	401
	2015	15	4,058	79	-148	4,142	367
Bosnia and Herzegovina	2012	..	1,058	5	16	1,037	271
	2013	..	1,164	1	58	1,105	289
	2014	..	1,408	6	63	1,339	351
	2015	..	1,359	36	49	1,274	334
Bulgaria	2012	15	2,440	44	171	2,240	307
	2013	17	1,547	3	-198	1,759	243
	2014	35	1,369	..	-444	1,848	257
	2015	51	1,061	..	-3	1,115	156
Croatia	2012	..	875	0	-127	1,002	234
	2013	..	1,182	11	113	1,058	248
	2014	..	962	14	-80	1,028	242
	2015	..	974	0	23	951	224

Table 5

Production, trade and supply of hard coal

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Czechia	2012	11,652	2,092	5,226	1,182	7,336	696
	2013	8,746	2,361	4,828	-1,601	7,880	747
	2014	8,897	3,428	4,364	298	7,663	727
	2015	8,677	3,145	3,565	125	8,132	771
Denmark	2012	..	3,978	11	-271	4,238	757
	2013	..	4,953	52	-501	5,402	960
	2014	..	4,533	52	210	4,271	756
	2015	..	2,758	92	-471	3,137	553
Estonia	2012	..	82	1	17	64	48
	2013	..	59	0	-2	61	46
	2014	..	82	0	4	78	59
	2015	..	7	0	-22	29	22
Finland	2012	..	3,909	..	-693	4,602	848
	2013	..	5,067	..	-769	5,836	1,070
	2014	..	5,439	..	881	4,558	832
	2015	..	3,542	..	-451	3,993	726
France	2012	290	16,690	0	-790	17,770	279
	2013	313	17,308	0	-1,226	18,847	295
	2014	300	13,078	0	-30	13,408	209
	2015	0	12,655	0	-412	13,067	197
Germany	2012	11,558	49,034	347	-155	60,400	751
	2013	8,260	54,319	251	-416	62,744	779
	2014	8,337	53,740	208	139	61,730	765
	2015	6,649	54,528	179	-551	61,549	763
Greece	2012	..	276	9	-84	351	32
	2013	..	344	11	31	302	27
	2014	..	310	9	27	274	25
	2015	..	257	..	-24	281	26
Hungary	2012	..	1,487	0	-17	1,504	151
	2013	..	1,319	0	-13	1,332	134
	2014	..	1,361	0	20	1,341	136
	2015	..	1,373	..	-10	1,383	140
Iceland	2012	..	104	..	-1	105	325
	2013	..	120	..	0	120	369
	2014	..	100	..	0	100	306
	2015	..	116	..	0	116	352
Ireland	2012	..	2,219	12	-231	2,438	522
	2013	..	2,383	13	237	2,133	457
	2014	..	1,974	13	-40	2,001	428
	2015	..	2,394	13	66	2,315	494
Italy	2012	80	24,062	58	-662	24,746	414
	2013	73	19,637	0	-866	20,576	344
	2014	86	19,453	1	-90	19,628	328
	2015	81	19,186	82	174	19,011	318
Latvia	2012	..	144	6	-1	139	68
	2013	..	119	8	-10	121	60
	2014	..	85	6	-23	102	51
	2015	..	71	2	-12	81	41
Lithuania	2012	..	320	23	0	297	98
	2013	..	417	35	29	353	119
	2014	..	300	0	-7	307	105
	2015	..	227	..	-25	252	88

Table 5

Production, trade and supply of hard coal

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Luxembourg	2012	..	82	..	..	82	154
	2013	..	75	..	..	75	138
	2014	..	85	..	..	85	153
	2015	..	73	..	..	73	129
Netherlands	2012	..	28,996	18,370	-2,154	12,780	763
	2013	..	41,769	27,009	1,791	12,969	772
	2014	..	47,261	31,256	1,395	14,610	866
	2015	..	57,087	36,589	2,500	17,998	1,063
Norway	2012	1,229	723	1,273	-75	754	150
	2013	1,855	644	2,068	-297	728	143
	2014	1,675	761	1,608	25	803	156
	2015	1,106	693	1,124	-113	788	151
Poland	2012	79,813	10,165	7,070	6,838	76,070	1,970
	2013	77,017	10,515	10,846	-2,097	78,783	2,040
	2014	73,271	10,417	8,956	1,173	73,559	1,905
	2015	72,686	8,289	9,191	-137	71,921	1,863
Portugal	2012	..	5,035	..	162	4,873	463
	2013	..	4,246	..	-202	4,448	425
	2014	..	4,379	..	-141	4,520	435
	2015	..	5,419	..	..	5,419	524
Republic of Moldova	2012	..	184	..	-7	191	47
	2013	..	259	..	9	250	61
	2014	..	146	..	-12	158	39
	2015	..	166	..	-5	171	42
Romania	2012	..	261	8	-22	275	14
	2013	..	237	6	7	224	11
	2014	..	153	5	-13	161	8
	2015	..	124	..	-4	128	7
Russian Federation	2012	252,062	28,602	130,268	552	149,844	1,046
	2013	252,307	27,873	138,979	4,066	137,135	957
	2014	264,042	25,291	153,100	2,390	133,843	933
	2015	278,033	22,609	151,870	-2,193	150,965	1,052
Serbia	2012	..	173	0	11	162	18
	2013	..	101	3	-5	103	12
	2014	..	160	0	-8	168	19
	2015	..	219	1	12	206	23
Slovakia	2012	..	4,166	..	249	3,917	723
	2013	..	3,839	..	-78	3,917	723
	2014	..	3,784	..	-64	3,848	710
	2015	..	3,663	..	-102	3,765	694
Slovenia	2012	..	24	1	7	16	8
	2013	..	23	7	7	9	4
	2014	..	22	1	14	7	3
	2015	..	15	0	3	12	6
Spain	2012	3,910	22,414	1,876	-2,135	26,583	570
	2013	2,542	13,662	677	-3,410	18,937	408
	2014	2,669	16,394	1,284	-1,436	19,215	415
	2015	1,747	18,735	1,088	-2,743	22,137	480
Sweden	2012	..	2,281	1	-496	2,776	291
	2013	..	2,540	1	-293	2,832	294
	2014	..	2,774	1	101	2,672	275
	2015	..	2,791	..	-11	2,802	287

Table 5

Production, trade and supply of hard coal

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Switzerland	2012	..	141	..	3	138	17
	2013	..	144	..	7	137	17
	2014	..	39	..	-54	93	11
	2015	..	76	..	-1	77	9
T.F.Yug.Rep. Macedonia	2012	..	2	0	0	2	1
	2013	..	6	0	0	6	3
	2014	..	6	0	0	6	3
	2015	..	15	0	3	12	6
Ukraine	2012	67,674	14,764	6,114	3,018	73,306	1,618
	2013	68,779	14,208	8,537	3,128	71,322	1,579
	2014	55,315	14,695	7,034	2,404	60,572	1,346
	2015	30,411	14,598	494	-770	45,285	1,010
United Kingdom	2012	16,967	44,816	488	-2,966	64,261	1,011
	2013	12,768	49,402	594	1,305	60,271	942
	2014	11,647	42,225	425	4,973	48,474	754
	2015	8,598	24,198	385	-5,134	37,545	580
Oceania	2012	341,891	671	303,726	5,192	33,643	895
	2013	375,848	685	338,292	5,678	32,563	853
	2014	408,947	850	376,763	2,468	30,566	789
	2015	425,712	977	393,674	3,044	29,971	762
Australia	2012	339,614	96	301,516	5,273	32,921	1,437
	2013	373,568	53	336,196	5,611	31,814	1,367
	2014	407,007	111	375,044	2,466	29,608	1,253
	2015	424,313	125	392,348	3,047	29,043	1,212
New Caledonia	2012	..	574	..	42	531	2,099
	2013	..	570	..	47	523	2,039
	2014	..	709	..	-50	759	2,921
	2015	..	821	..	23	798	3,034
New Zealand	2012	2,277	1	2,210	-123	191	43
	2013	2,280	62	2,096	20	226	51
	2014	1,940	30	1,719	52	199	44
	2015	1,399	31	1,326	-26	130	29

Table 6

**International trade of hard coal
(Principal importers/exporters)**

Thousand metric tons

2014

Importers	Exporters					
	World	Australia	Canada	Colombia	Indonesia	Kazakhstan
Austria	3,157	236	..	70	..	..
Belgium	5,226	1,287	..	377	..	..
Brazil	20,351	3,747	2,263	5,051	..	72
Canada	6,124	..	..	965	..	..
Chile	9,538	835	220	5,952	..	..
China	291,220	94,398	5,361	106	*41,834	38
China, Hong Kong SAR	13,789	528	..	..	12,610	..
Denmark	4,533	..	..	1,833	..	..
Finland	5,439	0	599	5	..	183
France	13,078	3,111	31	1,690	..	..
Germany	53,740	2,339	3,567	7,528	..	..
India	212,103	42,972	1,715	0	*100,866	..
Israel	11,021	342	..	5,891	..	..
Italy	19,453	655	343	2,173	3,466	489
Japan	188,068	119,675	*8,232	170	33,395	..
Korea, Republic of	126,167	54,431	*8,221	..	29,606	..
Malaysia	21,738	5,660	..	..	12,085	..
Mexico	7,518	2,046	158	449	..	..
Morocco	6,518	..	..	..	..	..
Netherlands	47,261	2,404	25	13,522	..	..
Pakistan	5,004	275	..	..	953	..
Poland	10,417	957	122	107	..	65
Portugal	4,379	..	..	3,778	..	..
Russian Federation	25,291	..	0	48	..	22,864
Slovakia	3,784	..	59	..	..	..
Spain	16,394	950	0	5,611	3,936	13
Thailand	21,243	4,076	0	..	16,520	..
Turkey	29,816	239	492	9,375	..	..
Ukraine	14,695	683	419	61	..	657
United Kingdom	42,225	2,306	423	8,807	..	..
United States	9,523	0	833	5,860	713	..

**International trade of hard coal
(Principal importers/exporters)**

Thousand metric tons

2014

Exporters					
Mongolia	Poland	Russian Federation	South Africa	United States	Viet Nam
..	887	14	..	542	..
..	0	1,308	464	1,225	..
..	..	1,043	998	7,166	..
..	..	..	..	5,041	..
..	..	..	..	2,469	..
*13,706	..	25,237	5,757	3,784	*5,128
..	..	573	..	0	..
..	365	1,690	309	..	..
..	183	*3,780	..	670	..
..	0	2,658	2,608	2,283	..
..	3,291	13,900	5,089	*7,681	..
..	..	1,124	26,973	4,121	27
..	..	2,460	2,496	..	..
..	..	4,341	1,515	*4,121	..
..	..	14,886	133	6,618	534
..	..	17,394	323	3,894	1,250
..	..	1,417	1,760	..	69
..	..	..	..	4,238	..
..	588	1,748	949	2,328	..
..	..	8,086	10,290	*9,460	10
..	..	..	2,622	..	..
..	..	6,473	..	379	..
..	..	0	263	201	..
20	..	..	..	39	..
..	540	1,131	..	454	..
..	26	2,222	1,555	1,267	..
..	..	0	..	0	180
..	67	2,271	..	3,927	..
..	120	*9,880	299	2,573	..
..	228	16,200	142	8,837	..
..	..	39	..	..	..

Table 6

**International trade of hard coal
(Principal importers/exporters)**

Thousand metric tons

2015

Importers	Exporters					
	World	Australia	Canada	Colombia	Indonesia	Kazakhstan
Austria	3,027	180	..	0	..	..
Belgium	4,058	370	..	117	..	..
Brazil	20,273	*3,950	1,390	6,157	32	..
Canada	6,050	..	..	1,344	..	..
Chile	9,894	2,057	297	4,140	..	..
China	204,065	70,851	5,711	..	28,279	2
China, Hong Kong SAR	11,184	302	154	..	9,797	..
Denmark	2,758	..	..	*1,000	..	..
Finland	3,542	0	517	4	..	292
France	12,655	4,044	145	1,540	..	..
Germany	54,528	6,152	1,299	7,057	..	..
India	199,884	47,814	1,552	2	106,744	..
Israel	11,042	172	..	*5,850	..	..
Italy	19,186	668	288	*2,000	*3,400	..
Japan	189,593	125,107	*7,664	20	32,030	..
Korea, Republic of	127,080	60,416	*7,333	15	28,837	..
Malaysia	25,461	7,477	..	..	13,292	..
Mexico	7,245	1,565	130	336	..	..
Morocco	6,460	..	..	..	..	..
Netherlands	57,087	2,856	325	*17,200	31	..
Pakistan	4,885	165	54	..	1,155	..
Poland	8,289	1,238	294	309	..	35
Portugal	5,419	..	..	*4,000	..	..
Russian Federation	22,609	..	60	51	..	21,102
Slovakia	3,663	..	0	..	..	..
Spain	18,735	1,425	0	6,276	3,851	77
Thailand	23,964	3,665	..	..	17,459	..
Turkey	33,979	1,245	834	11,255	241	..
Ukraine	14,598	825	885	..	..	839
United Kingdom	24,198	1,891	185	6,377	..	..
United States	8,055	55	970	*6,071	580	..

**International trade of hard coal
(Principal importers/exporters)**

Thousand metric tons

2015

Exporters					
Mongolia	Poland	Russian Federation	South Africa	United States	Viet Nam
..	948	244	..	644	..
..	..	996	125	320	..
..	..	1,725	991	6,022	..
..	..	60	..	4,629	..
..	..	..	..	3,273	..
*13,000	..	15,780	*5,000	116	*600
..	..	930	..	0	..
..	150	*1,200	*100	41	..
..	85	2,213	..	352	..
..	235	2,569	2,088	1,644	..
..	3,195	14,732	2,613	7,479	..
..	..	3,233	33,952	5,151	39
..	..	*2,400	*2,500	..	..
..	..	*4,300	*1,500	3,112	..
..	..	17,037	183	4,277	456
..	..	22,766	167	3,411	341
..	..	2,129	501	..	52
..	..	..	..	2,967	..
..	261	1,556	4,474	93	..
..	..	13,081	5,560	*7,468	..
..	..	..	2,648	..	..
..	..	4,946	..	492	..
..	..	..	*300	126	..
77	..	..	..	..	..
..	613	1,286	..	210	..
..	25	4,035	1,209	1,151	105
..	..	187	..	..	120
..	68	11,225	..	1,863	32
..	230	7,926	928	2,549	..
..	123	8,124	266	3,811	..
..	..	0	46	..	..

Table 7

Production, trade and supply of brown coal and oil shale

Thousand metric tons and kilograms per capita

Table Notes

Data refer to brown coal and oil shale.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/ classification, and xvi to xvii for the descriptions of relevant flows.

Figure 15: Production of brown coal and oil shale by region, 1990-2015

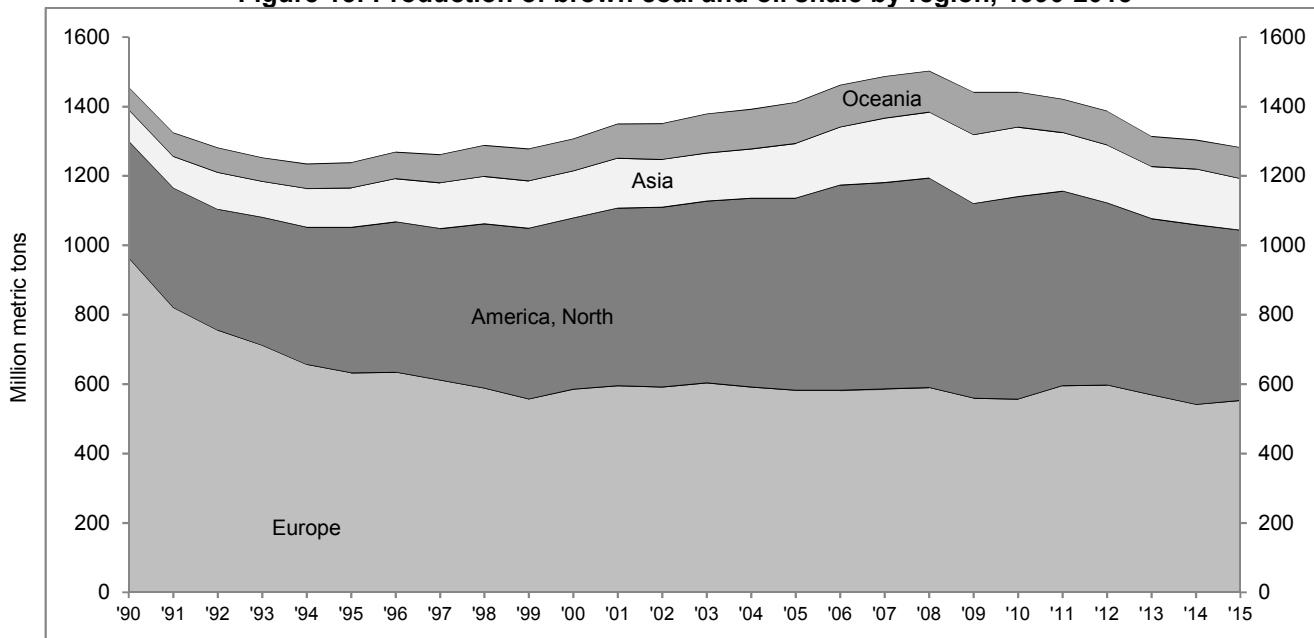


Figure 16: Major brown coal producing countries, 2015

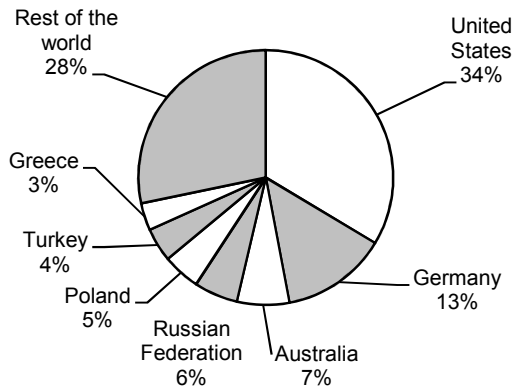


Figure 17: Major brown coal consuming countries, 2015

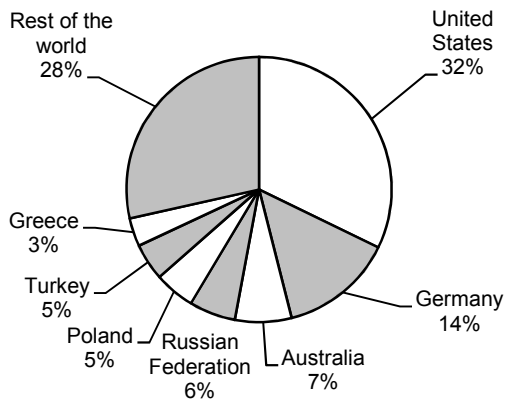


Table 7

Production, trade and supply of brown coal and oil shale

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
World	2012	1,386,619	39,052	19,794	12,326	1,393,550	196
	2013	1,314,310	38,739	21,394	-21,058	1,352,714	188
	2014	1,304,125	43,734	20,605	-17,419	1,344,674	185
	2015	1,282,083	48,260	17,651	34,693	1,277,999	174
Africa	2012	..	..	..	..	..	..
	2013	..	34	..	..	34	0
	2014	84	32	..	..	115	0
	2015	92	35	..	..	127	0
Swaziland	2012	..	..	..	..	..	..
	2013	..	34	..	..	34	27
	2014	84	32	..	..	115	91
	2015	*92	*35	..	..	*127	*99
America, North	2012	524,842	1,343	9,359	7,605	509,221	913
	2013	508,151	2,604	11,483	-20,053	519,325	922
	2014	517,313	2,472	5,988	-7,729	521,526	917
	2015	490,520	4,194	5,460	31,596	457,658	798
Canada	2012	31,121	954	158	-289	32,206	924
	2013	30,626	2,289	111	1,699	31,105	883
	2014	33,536	1,695	101	-440	35,570	1,000
	2015	32,931	1,518	116	1,445	32,888	915
Mexico	2012	13,656	3	..	-355	14,014	115
	2013	13,065	3	..	-642	13,710	111
	2014	13,435	3	..	430	13,008	104
	2015	12,083	462	..	-706	13,251	104
United States	2012	480,065	386	9,201	8,249	463,001	1,471
	2013	464,460	312	11,372	-21,110	474,510	1,496
	2014	470,342	774	5,887	-7,719	472,948	1,481
	2015	445,506	2,214	5,344	30,857	411,519	1,279
Asia	2012	166,724	31,162	6,539	2,403	188,944	44
	2013	150,508	29,875	5,859	-195	174,719	41
	2014	161,231	33,888	8,873	-6,721	192,967	44
	2015	147,830	36,808	5,557	1,144	177,938	41
Bangladesh	2012	..	..	..	..	..	..
	2013	..	30	..	..	30	0
	2014	..	0	..	..	0	0
	2015	..	32	..	..	32	0
Cambodia	2012	..	34	..	..	34	2
	2013	..	109	..	..	109	7
	2014	..	509	..	..	509	33
	2015	..	1,235	..	..	1,235	79
Cyprus	2012	..	1	..	..	1	1
	2013	..	1	..	..	1	1
	2014	..	0	..	..	0	0
	2015	..	0	..	..	0	0
Georgia	2012	422	..	..	0	422	102
	2013	404	..	..	-1	405	99
	2014	299	..	..	0	299	74
	2015	306	..	2	1	303	76
India	2012	46,598	0	107	442	46,049	36
	2013	44,271	0	2	367	43,902	34
	2014	48,257	1	3	-1,316	49,571	38
	2015	43,843	0	0	1,631	42,212	32

Table 7

Production, trade and supply of brown coal and oil shale

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Israel	2012	423	154	..	..	577	75
	2013	421	172	..	..	593	76
	2014	396	0	..	..	396	50
	2015	420	0	..	..	420	52
Jordan	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	62	..	..	62	8
	2015	..	..	..	..	..	..
Kazakhstan	2012	7,748	7	2,339	-98	5,514	328
	2013	6,690	1	2,049	45	4,597	269
	2014	6,894	..	2,474	205	4,215	243
	2015	5,526	..	2,357	496	2,673	152
Korea, Dem.Ppl's.Rep.	2012	4,488	..	..	..	4,488	181
	2013	3,342	..	..	..	3,342	134
	2014	3,741	..	..	..	3,741	149
	2015	2,530	..	..	..	2,530	101
Korea, Republic of	2012	..	2,834	..	..	2,834	57
	2013	..	1,803	..	..	1,803	36
	2014	..	4,865	..	..	4,865	97
	2015	..	6,824	..	..	6,824	136
Kyrgyzstan	2012	1,011	21	15	..	1,017	180
	2013	1,157	4	12	..	1,149	200
	2014	1,505	21	5	154	1,367	234
	2015	1,584	9	10	477	1,106	186
Lao People's Dem. Rep.	2012	709	..	498	..	211	33
	2013	810	..	200	..	610	93
	2014	911	..	254	..	657	98
	2015	4,658	..	0	..	4,658	685
Mongolia	2012	6,802	..	368	1,690	4,743	1,689
	2013	6,330	..	155	212	5,964	2,086
	2014	6,073	..	328	-252	5,997	2,061
	2015	5,755	..	46	-80	5,789	1,956
Myanmar	2012	62	..	..	..	62	1
	2013	42	..	..	..	42	1
	2014	50	..	..	..	50	1
	2015	54	..	..	..	54	1
Other Asia	2012	..	16,085	..	82	16,003	687
	2013	..	13,318	..	-834	14,152	606
	2014	..	13,247	..	55	13,192	565
	2015	..	11,429	..	28	11,401	488
Philippines	2012	7,340	11,896	3,173	745	15,317	160
	2013	7,100	14,415	3,401	-838	18,952	194
	2014	7,601	15,182	5,767	-3,147	20,163	203
	2015	7,378	17,279	3,106	-455	22,006	219
Tajikistan	2012	94	..	..	..	94	12
	2013	34	..	..	..	34	4
	2014	56	..	..	..	56	7
	2015	57	..	..	..	57	7
Thailand	2012	18,066	..	..	-299	18,365	273
	2013	17,591	..	..	-1,512	19,103	283
	2014	18,042	..	..	-409	18,451	272
	2015	15,151	..	..	-239	15,390	226

Table 7

Production, trade and supply of brown coal and oil shale

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Turkey	2012	69,169	..	..	-160	69,329	926
	2013	58,425	..	..	2,366	56,059	735
	2014	63,416	..	..	-2,011	65,427	844
	2015	56,979	..	..	-716	57,695	733
United Arab Emirates	2012	..	..	..	..	..	..
	2013	..	2	..	..	2	0
	2014	..	1	..	..	1	0
	2015	..	..	..	..	..	..
Uzbekistan	2012	3,793	130	39	..	3,884	136
	2013	3,891	20	40	..	3,871	133
	2014	3,989	..	41	..	3,948	134
	2015	3,590	..	37	..	3,553	119
Europe	2012	597,317	6,547	3,896	2,825	597,143	810
	2013	568,443	5,769	4,052	-925	571,085	774
	2014	541,674	6,901	5,722	-2,755	545,608	739
	2015	553,533	6,818	6,591	2,304	551,456	745
Albania	2012	7	..	..	..	7	2
	2013	9	..	..	..	9	3
	2014	0	..	..	..	0	0
	2015	..	..	..	..	..	..
Austria	2012	..	90	0	0	90	11
	2013	..	85	0	0	85	10
	2014	..	98	0	0	98	12
	2015	..	93	0	0	93	11
Bosnia and Herzegovina	2012	12,195	20	508	79	11,628	3,037
	2013	11,765	15	370	-94	11,504	3,009
	2014	11,651	20	425	-392	11,638	3,049
	2015	12,172	55	358	150	11,719	3,076
Bulgaria	2012	33,412	..	91	351	32,970	4,514
	2013	28,615	..	80	-184	28,719	3,960
	2014	31,268	2	51	-221	31,440	4,366
	2015	35,859	..	36	81	35,742	4,999
Croatia	2012	..	46	..	-4	50	12
	2013	..	54	..	-2	56	13
	2014	..	44	..	-2	46	11
	2015	..	57	..	12	45	11
Czechia	2012	43,533	450	1,245	99	42,639	4,043
	2013	40,385	354	1,114	-308	39,933	3,787
	2014	38,177	1,407	905	329	38,350	3,638
	2015	38,105	1,031	885	430	37,821	3,587
Estonia	2012	18,796	..	..	1,270	17,526	13,237
	2013	20,511	..	..	25	20,486	15,519
	2014	20,995	..	..	367	20,628	15,672
	2015	19,616	..	..	1,717	17,899	13,637
France	2012	..	76	..	-16	92	1
	2013	..	144	..	-51	195	3
	2014	..	155	..	2	153	2
	2015	..	118	..	-7	125	2
Germany	2012	185,432	0	276	-20	185,176	2,301
	2013	182,696	18	179	44	182,491	2,265
	2014	178,178	13	1,171	64	176,956	2,194
	2015	178,065	20	914	201	176,970	2,193

Table 7

Production, trade and supply of brown coal and oil shale

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Greece	2012	62,956	137	18	1,165	61,910	5,573
	2013	53,924	97	17	-382	54,386	4,920
	2014	50,845	26	..	-1,007	51,878	4,716
	2015	46,246	..	..	1,979	44,267	4,041
Hungary	2012	9,290	295	71	-388	9,902	994
	2013	9,558	245	220	-338	9,921	1,000
	2014	9,551	181	384	-34	9,382	949
	2015	9,261	224	355	-192	9,322	946
Italy	2012	..	439	..	..	439	7
	2013	..	500	..	..	500	8
	2014	..	478	..	..	478	8
	2015	..	448	..	..	448	7
Lithuania	2012	..	1	0	-15	16	5
	2013	..	4	0	0	4	1
	2014	..	1	0	0	1	0
	2015	..	..	..	..	..	..
Montenegro	2012	1,786	1	55	..	1,732	2,776
	2013	1,692	3	23	..	1,672	2,677
	2014	1,655	3	28	..	1,630	2,607
	2015	1,773	5	58	..	1,720	2,749
Netherlands	2012	..	31	0	2	29	2
	2013	..	41	0	17	24	1
	2014	..	41	..	10	31	2
	2015	..	26	5	-21	42	2
Poland	2012	64,280	147	134	138	64,155	1,662
	2013	65,849	195	218	-108	65,934	1,707
	2014	63,877	176	303	-95	63,845	1,653
	2015	63,128	281	198	164	63,047	1,633
Romania	2012	33,945	1,023	17	134	34,817	1,746
	2013	24,721	867	1	-80	25,667	1,297
	2014	23,565	931	37	-1,615	26,074	1,327
	2015	25,493	1,019	378	-770	26,904	1,379
Russian Federation	2012	77,299	1,673	1,422	0	77,550	541
	2013	73,680	1,530	1,775	123	73,312	511
	2014	68,893	1,552	2,404	785	67,256	469
	2015	73,629	1,531	3,371	-435	72,224	503
Serbia	2012	38,234	479	26	73	38,614	4,299
	2013	40,297	306	53	230	40,320	4,511
	2014	30,011	460	14	-233	30,690	3,451
	2015	37,826	781	30	142	38,435	4,342
Slovakia	2012	2,292	705	..	21	2,976	550
	2013	2,353	437	..	60	2,730	504
	2014	2,188	474	..	211	2,451	452
	2015	1,939	436	..	-223	2,598	479
Slovenia	2012	4,278	604	..	-53	4,935	2,392
	2013	3,876	532	..	-34	4,442	2,151
	2014	3,108	432	..	-33	3,573	1,729
	2015	3,168	388	..	-31	3,587	1,735
Spain	2012	2,271	..	..	80	2,191	47
	2013	1,826	..	..	153	1,673	36
	2014	1,230	..	..	-940	2,170	47
	2015	1,317	..	..	-960	2,277	49

Table 7

Production, trade and supply of brown coal and oil shale

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Switzerland	2012	..	53	..	3	50	6
	2013	..	64	..	6	58	7
	2014	..	134	..	3	131	16
	2015	..	132	..	2	130	16
T.F.Yug.Rep. Macedonia	2012	7,311	277	33	-94	7,649	3,697
	2013	6,686	278	2	-2	6,964	3,360
	2014	6,482	273	0	46	6,709	3,232
	2015	5,936	173	3	65	6,041	2,907
Oceania	2012	97,736	0	0	-506	98,242	2,613
	2013	87,208	458	0	115	87,551	2,293
	2014	83,824	441	22	-214	84,457	2,179
	2015	90,108	405	43	-350	90,820	2,309
Australia	2012	95,086	..	..	..	95,086	4,150
	2013	84,862	..	..	..	84,862	3,647
	2014	81,787	..	..	..	81,787	3,462
	2015	88,118	..	..	..	88,118	3,676
New Zealand	2012	2,650	0	0	-506	3,156	711
	2013	2,346	458	0	115	2,689	602
	2014	2,037	441	22	-214	2,670	594
	2015	1,990	405	43	-350	2,702	597

Table 8

Production, trade and supply of coke

Thousand metric tons and kilograms per capita

Table Notes

Data comprise coal tar, gas coke and coke oven coke.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/ classification, and xvi to xvii for the descriptions of relevant flows.

Figure 18: Per capita supply of coke by region, 2015

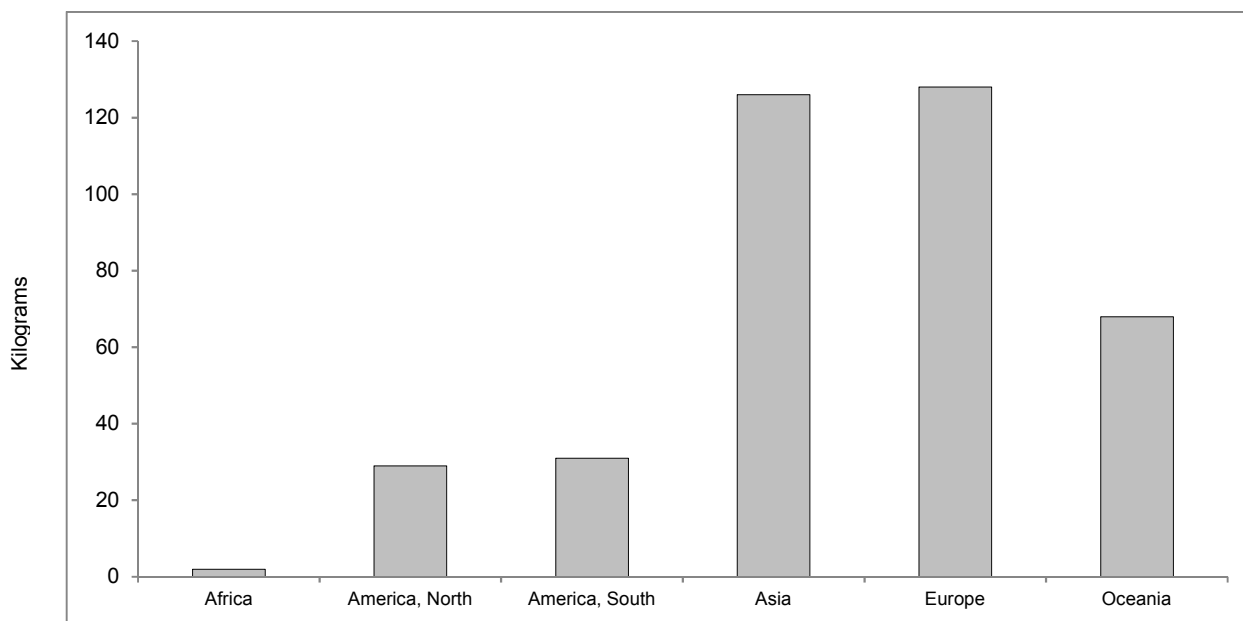


Figure 19: Major coke producing countries, 2015

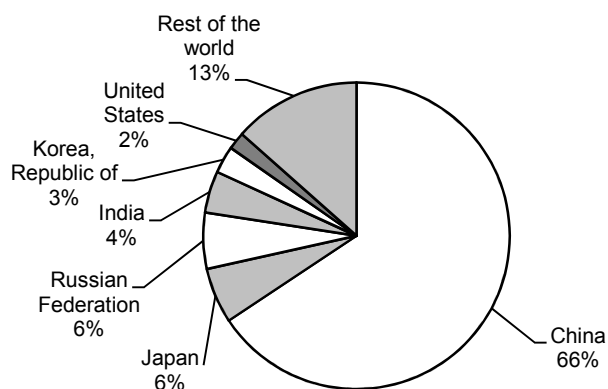


Figure 20: Major coke consuming countries, 2015

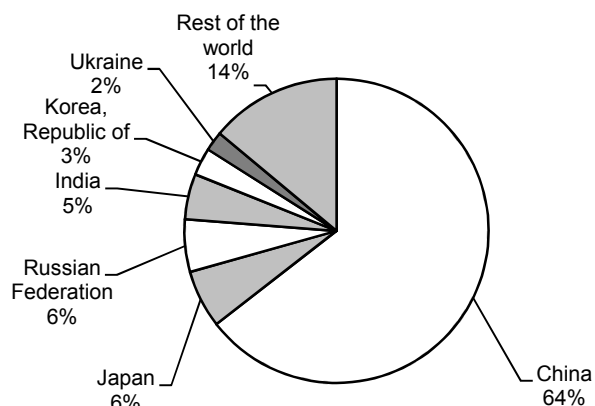


Table 8

Production, trade and supply of coke

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
World	2012	655,314	22,468	22,990	-11,763	666,555	94
	2013	715,386	26,049	24,955	21,101	695,379	97
	2014	711,200	28,452	28,163	2,279	709,210	98
	2015	682,487	26,789	27,490	-777	682,563	93
Africa	2012	3,172	499	489	-27	3,209	3
	2013	2,817	720	324	-23	3,236	3
	2014	2,670	615	339	30	2,916	3
	2015	2,619	591	313	12	2,885	2
Algeria	2012	..	421	..	-13	434	12
	2013	..	270	..	-34	304	8
	2014	..	236	..	30	206	5
	2015	..	211	..	12	199	5
Egypt	2012	*786	*26	*266	-14	*560	*7
	2013	269	395	90	11	563	6
	2014	379	323	129	..	573	6
	2015	297	324	101	..	520	6
South Africa	2012	2,070	..	..	..	2,070	39
	2013	2,218	..	..	..	2,218	42
	2014	1,981	..	..	..	1,981	37
	2015	2,009	..	..	..	2,009	37
Zambia	2012	..	52	2	..	50	3
	2013	..	*55	*3	..	*52	*3
	2014	..	*56	*3	..	*53	*3
	2015	..	*56	*3	..	*53	*3
Zimbabwe	2012	316	..	221	..	95	7
	2013	330	..	231	..	99	7
	2014	310	..	207	..	103	7
	2015	313	..	209	..	104	7
America, North	2012	18,941	2,254	912	-220	20,503	37
	2013	18,746	1,444	790	322	19,078	34
	2014	18,349	1,730	919	-192	19,352	34
	2015	16,548	1,579	854	728	16,545	29
Bermuda	2012	..	0	..	..	0	1
	2013	..	0	..	..	0	1
	2014	..	0	..	..	0	1
	2015	..	0	..	..	0	1
Canada	2012	2,949	554	27	-94	3,570	102
	2013	2,480	664	29	79	3,036	86
	2014	2,219	952	61	-124	3,234	91
	2015	2,151	636	77	175	2,535	71
Costa Rica	2012	..	120	..	..	120	26
	2013	..	119	..	..	119	25
	2014	..	117	..	..	117	25
	2015	..	114	..	..	114	24
Cuba	2012	..	2	..	..	2	0
	2013	..	1	..	..	1	0
	2014	..	1	..	..	1	0
	2015	..	1	..	..	1	0
Honduras	2012	..	158	..	0	158	20
	2013	..	161	..	0	161	21
	2014	..	91	..	0	91	11
	2015	..	0	..	0	0	0

Table 8

Production, trade and supply of coke

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Mexico	2012	2,228	391	1	..	2,618	21
	2013	2,368	374	1	..	2,741	22
	2014	2,383	501	..	..	2,884	23
	2015	1,919	701	..	..	2,620	21
United States	2012	13,764	1,029	884	-126	14,035	45
	2013	13,898	125	760	243	13,020	41
	2014	13,747	69	858	-68	13,026	41
	2015	12,478	127	777	553	11,275	35
America, South	2012	12,826	1,647	1,602	-439	13,311	33
	2013	13,027	1,967	1,980	-53	13,068	32
	2014	13,290	1,836	2,221	-85	12,990	31
	2015	12,686	2,336	2,009	-77	13,090	31
Argentina	2012	765	..	53	-25	737	18
	2013	722	..	50	-24	696	16
	2014	840	..	58	-28	810	19
	2015	769	..	53	-26	742	17
Brazil	2012	9,683	1,591	..	-328	11,602	57
	2013	9,393	1,896	..	-34	11,323	55
	2014	9,496	1,818	..	98	11,216	54
	2015	9,079	2,295	..	-64	11,438	55
Chile	2012	473	55	..	-47	575	33
	2013	451	34	..	26	459	26
	2014	459	5	153	-39	350	20
	2015	407	3	39	17	354	20
Colombia	2012	1,905	..	1,507	0	399	9
	2013	2,461	..	1,893	17	551	12
	2014	2,495	..	1,973	0	522	11
	2015	2,431	..	1,917	..	514	11
Peru	2012	..	1	42	-39	-2	0
	2013	..	37	37	-38	38	1
	2014	..	13	37	-116	92	3
	2015	..	38	..	-4	42	1
Asia	2012	516,790	7,851	3,974	-11,039	531,707	125
	2013	579,477	10,277	6,385	20,647	562,722	131
	2014	576,835	10,566	9,602	2,251	575,547	132
	2015	552,783	9,374	10,880	-1,586	552,863	126
Afghanistan	2012	48	205	48	..	205	7
	2013	*52	*205	*52	..	*205	*7
	2014	*59	*205	*59	..	*205	*6
	2015	*53	*200	*53	..	*200	*6
China	2012	438,315	76	1,020	-10,767	448,137	331
	2013	483,478	35	4,673	20,340	458,501	337
	2014	479,809	2	8,507	2,360	468,943	342
	2015	448,225	4	9,648	-1,608	440,189	320
Georgia	2012	..	131	0	..	131	32
	2013	..	151	0	10	141	35
	2014	..	131	0	-4	135	33
	2015	..	123	..	14	109	27
India	2012	9,271	3,007	1,050	..	11,228	9
	2013	26,007	4,171	154	..	30,024	23
	2014	22,290	3,294	102	..	25,482	20
	2015	30,071	3,068	103	..	33,036	25

Table 8

Production, trade and supply of coke

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Indonesia	2012	*18	*60	..	..	*78	0
	2013	23	130	..	..	153	1
	2014	27	257	81	..	203	1
	2015	19	160	..	..	179	1
Iran (Islamic Rep. of)	2012	543	892	2	..	1,433	19
	2013	997	889	0	..	1,886	24
	2014	1,124	438	..	1	1,561	20
	2015	1,179	315	15	..	1,479	19
Japan	2012	41,245	956	1,481	-85	40,805	321
	2013	41,184	2,163	1,214	13	42,120	332
	2014	40,627	3,337	500	42	43,422	342
	2015	39,956	2,733	787	-15	41,917	331
Jordan	2012	..	0	..	..	0	0
	2013	..	13	..	..	13	2
	2014	..	43	..	..	43	6
	2015	..	20	..	..	20	3
Kazakhstan	2012	2,569	918	27	51	3,409	203
	2013	2,379	827	23	3	3,180	186
	2014	2,698	1,218	15	55	3,846	221
	2015	2,647	973	15	43	3,562	202
Korea, Dem.Ppl's.Rep.	2012	..	200	..	..	200	8
	2013	..	198	..	..	198	8
	2014	..	200	..	..	200	8
	2015	..	177	..	..	177	7
Korea, Republic of	2012	15,229	367	..	..	15,596	314
	2013	15,246	364	..	..	15,610	313
	2014	19,099	405	..	..	19,504	390
	2015	19,650	389	..	..	20,039	398
Other Asia	2012	5,152	235	114	-33	5,306	228
	2013	5,678	175	14	155	5,684	244
	2014	6,277	173	71	-57	6,436	275
	2015	6,021	187	..	-35	6,243	267
Pakistan	2012	185	..	..	..	185	1
	2013	77	..	..	..	77	0
	2014	270	..	..	..	270	1
	2015	281	..	..	..	281	1
Philippines	2012	..	214	..	..	214	2
	2013	..	216	..	..	216	2
	2014	..	292	..	..	292	3
	2015	..	250	..	..	250	2
Syrian Arab Republic	2012	..	1	..	..	1	0
	2013	..	1	..	..	1	0
	2014	..	1	..	..	1	0
	2015	..	1	..	..	1	0
Thailand	2012	..	36	..	-173	209	3
	2013	..	38	..	0	38	1
	2014	..	38	..	-146	184	3
	2015	..	15	..	-93	108	2
Turkey	2012	4,216	378	87	-32	4,539	61
	2013	4,355	531	103	126	4,657	61
	2014	4,555	352	105	0	4,802	62
	2015	4,680	568	87	108	5,053	64

Table 8

Production, trade and supply of coke

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
United Arab Emirates	2012	..	16	1	..	16	2
	2013	..	2	0	..	2	0
	2014	..	1	0	..	1	0
	2015	..	2	0	..	2	0
Viet Nam	2012	..	159	144	..	15	0
	2013	..	168	152	..	16	0
	2014	..	178	161	..	17	0
	2015	..	190	172	..	18	0
Europe	2012	100,075	10,180	15,172	-38	95,120	129
	2013	97,746	11,600	14,497	209	94,640	128
	2014	96,696	13,624	14,236	275	95,810	130
	2015	94,381	12,778	12,490	146	94,524	128
Austria	2012	1,361	1,202	0	-12	2,575	305
	2013	1,403	1,305	1	4	2,703	318
	2014	1,393	1,232	1	-16	2,640	310
	2015	1,391	959	47	-60	2,363	277
Belarus	2012	..	90	..	4	86	9
	2013	..	81	..	-4	85	9
	2014	..	65	..	-2	67	7
	2015	..	52	..	-3	55	6
Belgium	2012	1,906	179	560	37	1,488	134
	2013	1,744	202	354	73	1,519	136
	2014	1,496	239	176	-63	1,622	144
	2015	1,274	301	5	12	1,558	138
Bosnia and Herzegovina	2012	700	0	199	48	453	118
	2013	759	22	279	37	465	122
	2014	908	9	354	156	407	107
	2015	911	0	286	178	447	117
Bulgaria	2012	0	66	0	1	65	9
	2013	0	71	0	0	71	10
	2014	0	90	0	9	81	11
	2015	..	76	..	-4	80	11
Croatia	2012	..	29	1	0	28	7
	2013	..	27	1	1	25	6
	2014	..	28	1	-2	29	7
	2015	..	25	0	0	25	6
Czechia	2012	2,666	766	482	77	2,873	272
	2013	2,682	731	466	6	2,941	279
	2014	2,737	597	530	-27	2,831	269
	2015	2,521	724	521	-29	2,753	261
Denmark	2012	..	21	..	0	21	4
	2013	..	19	..	0	19	3
	2014	..	21	..	1	20	4
	2015	..	15	..	-2	17	3
Estonia	2012	25	..	23	2	0	0
	2013	22	..	20	-3	5	4
	2014	25	..	26	-1	0	0
	2015	8	..	8	0	0	0
Finland	2012	915	320	67	22	1,146	211
	2013	915	373	76	31	1,181	217
	2014	928	398	76	16	1,234	225
	2015	915	446	121	78	1,162	211

Table 8

Production, trade and supply of coke

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
France	2012	3,303	584	72	213	3,602	57
	2013	3,438	426	13	218	3,633	57
	2014	3,385	606	56	129	3,806	59
	2015	3,315	470	27	193	3,565	54
Germany	2012	8,050	3,254	218	-121	11,207	139
	2013	8,273	3,489	302	-71	11,531	143
	2014	8,770	3,520	491	71	11,728	145
	2015	8,800	2,893	348	-24	11,369	141
Hungary	2012	1,086	7	369	-3	727	73
	2013	978	11	546	41	402	41
	2014	967	50	514	-12	515	52
	2015	1,006	48	344	-4	714	72
Iceland	2012	..	43	..	8	35	108
	2013	..	27	..	0	27	83
	2014	..	31	..	0	31	95
	2015	..	24	..	0	24	73
Italy	2012	4,184	0	254	-19	3,949	66
	2013	2,415	929	246	127	2,971	50
	2014	1,920	1,215	341	-77	2,871	48
	2015	1,977	682	307	-60	2,412	40
Latvia	2012	..	6	..	0	6	3
	2013	..	1	..	-1	2	1
	2014	..	0	..	0	0	0
	2015	..	0	..	..	0	0
Lithuania	2012	..	19	..	..	19	6
	2013	..	19	..	..	19	6
	2014	..	17	..	1	16	5
	2015	..	13	..	..	13	5
Luxembourg	2012	..	1	..	..	1	2
	2013	..	1	..	..	1	2
	2014	..	1	..	..	1	2
	2015	..	1	..	..	1	2
Netherlands	2012	1,983	261	108	-82	2,218	132
	2013	2,071	182	323	-205	2,135	127
	2014	2,103	500	608	-60	2,055	122
	2015	2,117	324	554	-75	1,962	116
Norway	2012	..	469	2	8	459	91
	2013	..	417	1	-5	421	83
	2014	..	455	0	-2	457	89
	2015	..	427	0	-2	429	82
Poland	2012	9,269	148	6,769	22	2,626	68
	2013	9,754	182	6,969	-79	3,046	79
	2014	9,952	195	7,037	-164	3,274	85
	2015	10,170	100	6,849	92	3,329	86
Portugal	2012	..	1	..	0	1	0
	2013	..	0	..	-1	1	0
	2014	..	9	..	..	9	1
	2015	..	8	..	..	8	1
Republic of Moldova	2012	..	1	..	..	1	0
	2013	..	0	..	..	0	0
	2014	..	0	..	..	0	0
	2015	..	0	..	..	0	0

Table 8

Production, trade and supply of coke

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Romania	2012	0	747	0	-29	776	39
	2013	0	716	0	-24	740	37
	2014	0	738	0	27	711	36
	2015	..	798	..	-27	825	42
Russian Federation	2012	36,404	563	2,361	..	34,606	242
	2013	36,449	162	2,522	..	34,089	238
	2014	39,518	150	2,528	155	36,985	258
	2015	40,348	91	2,455	-122	38,106	266
Serbia	2012	..	167	1	12	154	17
	2013	..	184	0	-16	200	22
	2014	..	290	0	1	289	32
	2015	..	491	0	-2	493	56
Slovakia	2012	1,620	218	106	58	1,674	309
	2013	1,596	161	115	-79	1,721	318
	2014	1,617	210	91	-11	1,747	322
	2015	1,698	191	63	165	1,661	306
Slovenia	2012	..	30	..	-5	35	17
	2013	..	31	..	-6	37	18
	2014	..	32	..	-5	37	18
	2015	..	31	..	2	29	14
Spain	2012	1,807	168	461	-208	1,722	37
	2013	1,826	190	168	-1	1,849	40
	2014	1,605	248	130	26	1,697	37
	2015	1,631	337	144	-34	1,858	40
Sweden	2012	1,115	92	22	22	1,163	122
	2013	1,079	98	26	3	1,148	119
	2014	1,113	98	30	-72	1,253	129
	2015	1,187	87	81	-65	1,258	129
Switzerland	2012	..	21	..	..	21	3
	2013	..	19	..	..	19	2
	2014	..	17	..	..	17	2
	2015	..	15	..	..	15	2
T.F.Yug.Rep. Macedonia	2012	..	14	0	0	13	6
	2013	..	3	0	0	3	1
	2014	..	2	0	1	2	1
	2015	..	0	0	0	1	0
Ukraine	2012	19,788	501	2,577	-7	17,719	391
	2013	18,383	702	1,982	58	17,045	377
	2014	14,473	1,636	1,158	..	14,951	332
	2015	12,267	2,037	240	0	14,064	314
United Kingdom	2012	3,893	192	520	-86	3,651	57
	2013	3,959	819	87	105	4,586	72
	2014	3,786	925	88	196	4,427	69
	2015	2,845	1,112	90	-61	3,928	61
Oceania	2012	3,509	37	841	0	2,705	72
	2013	3,573	41	979	0	2,635	69
	2014	3,360	81	846	0	2,595	67
	2015	3,470	130	944	0	2,656	68
Australia	2012	3,023	37	841	0	2,219	97
	2013	3,082	41	979	0	2,144	92
	2014	2,857	81	846	0	2,092	89
	2015	2,966	130	944	0	2,152	90

Production, trade and supply of coke

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
New Zealand	2012	486	..	..	..	486	110
	2013	491	..	..	..	491	110
	2014	503	..	..	..	503	112
	2015	504	..	..	..	504	111

Table 9

Production, trade and supply of patent fuel

Thousand metric tons and kilograms per capita

Table Notes

Data refer to patent fuel.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/classification, and xvi to xvii for the descriptions of relevant flows.

Figure 21: Major patent fuel producing countries, 2015

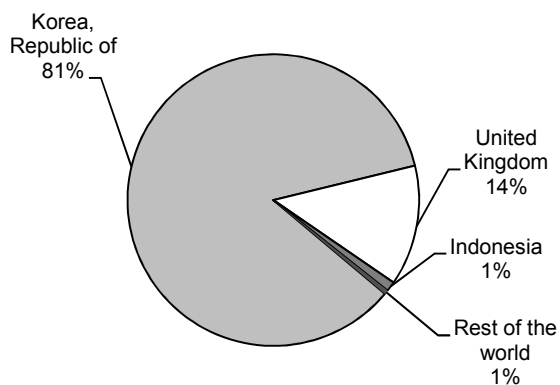


Figure 22: Major patent fuel consuming countries, 2015

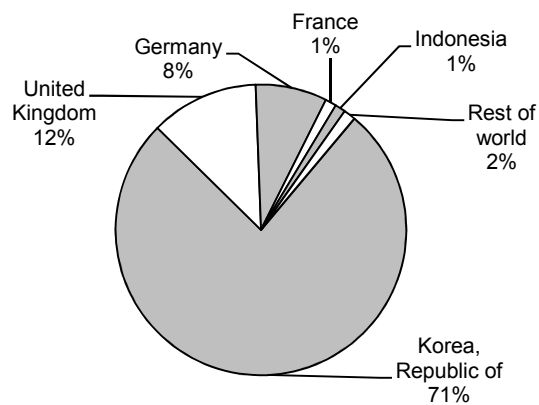


Table 9

Production, trade and supply of patent fuel

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
World	2012	2,260	285	49	61	2,435	0
	2013	2,353	263	177	-73	2,512	0
	2014	2,000	188	40	-79	2,227	0
	2015	1,731	237	40	-3	1,931	0
Africa	2012	4	..	..	..	4	0
	2013	3	..	..	..	3	0
	2014	3	..	..	..	3	0
	2015	4	..	..	..	4	0
Niger	2012	*4	..	..	..	*4	0
	2013	*3	..	..	..	*3	0
	2014	*3	..	..	..	*3	0
	2015	*4	..	..	..	*4	0
America, North	2012	..	2	..	..	2	0
	2013	..	2	..	..	2	0
	2014	..	2	..	..	2	0
	2015	..	2	..	..	2	0
Bahamas	2012	..	*2	..	..	*2	*5
	2013	..	*2	..	..	*2	*5
	2014	..	*2	..	..	*2	*5
	2015	..	*2	..	..	*2	*5
Asia	2012	1,998	0	0	73	1,925	0
	2013	2,014	3	135	-96	1,978	0
	2014	1,720	3	0	-96	1,819	0
	2015	1,492	3	0	0	1,495	0
Indonesia	2012	*165	0	0	*73	*92	0
	2013	96	3	135	*-96	60	0
	2014	91	3	0	-96	190	1
	2015	*19	*3	0	0	*22	0
Korea, Republic of	2012	1,833	..	..	..	1,833	37
	2013	1,917	..	..	..	1,917	38
	2014	1,629	..	..	..	1,629	33
	2015	1,473	..	..	..	1,473	29
Kyrgyzstan	2012	0	..	..	..	0	0
	2013	1	..	..	..	1	0
	2014	0	..	..	..	0	0
	2015	0	..	..	..	0	0
Europe	2012	258	283	49	-12	504	1
	2013	336	258	42	23	529	1
	2014	277	183	40	17	403	1
	2015	235	232	40	-3	430	1
Austria	2012	..	7	..	0	7	1
	2013	..	13	..	4	9	1
	2014	..	9	..	3	6	1
	2015	..	4	..	0	4	0
Belgium	2012	..	13	13	-2	2	0
	2013	..	14	9	3	2	0
	2014	..	10	7	0	3	0
	2015	..	8	7	0	1	0
France	2012	0	91	0	0	91	1
	2013	0	57	0	0	57	1
	2014	0	24	0	0	24	0
	2015	0	24	0	0	24	0

Table 9

Production, trade and supply of patent fuel

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Germany	2012	..	133	1	..	132	2
	2013	..	135	1	..	134	2
	2014	..	103	1	..	102	1
	2015	..	155	1	..	154	2
Luxembourg	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	1	..	..	1	2
Netherlands	2012	..	1	1	..	0	0
	2013	..	0	0	..	0	0
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
Poland	2012	..	12	2	..	10	0
	2013	..	12	2	..	10	0
	2014	3	14	8	..	9	0
	2015	3	12	10	..	5	0
Slovakia	2012	..	11	..	..	11	2
	2013	..	12	..	..	12	2
	2014	..	9	..	..	9	2
	2015	..	8	..	..	8	1
Ukraine	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	1	..	..	..	1	0
United Kingdom	2012	258	15	32	-7	248	4
	2013	336	15	30	17	304	5
	2014	274	14	24	15	249	4
	2015	231	20	22	-3	232	4

Production, trade and supply of brown coal briquettes and peat products

Thousand metric tons and kilograms per capita

Table Notes

Data refer to brown coal briquettes (BKB) and peat products.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/classification, and xvi to xvii for the descriptions of relevant flows.

Figure 23: Production of BKB and peat products by region, 1990-2015

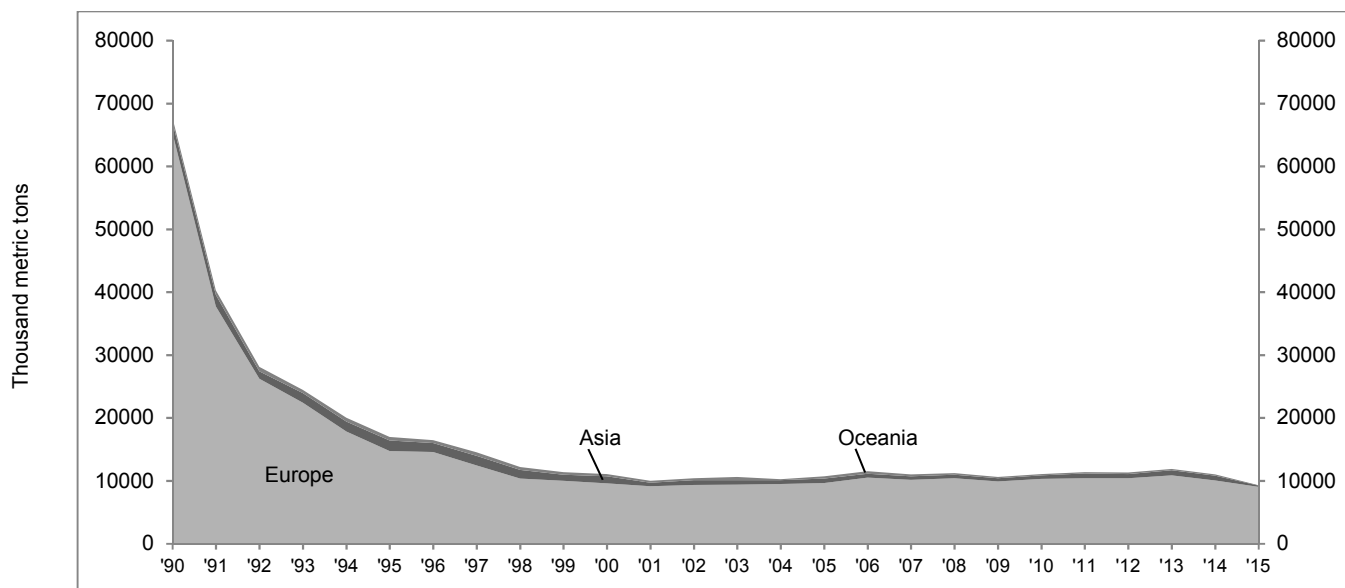


Figure 24: Major BKB and peat products producing countries, 2015

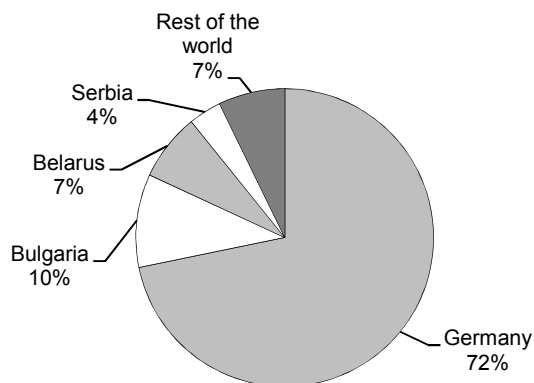


Figure 25: Major BKB and peat products consuming countries, 2015

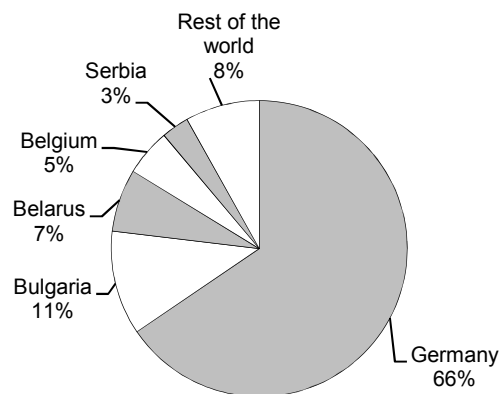


Table 10

Production, trade and supply of brown coal briquettes and peat products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
World	2012	11,310	1,344	1,970	131	10,553	1
	2013	11,881	1,257	1,894	-93	11,337	2
	2014	11,018	1,366	1,849	27	10,508	1
	2015	9,273	867	1,563	-12	8,589	1
America, North	2012	..	4	..	..	4	0
	2013	..	4	..	..	4	0
	2014	..	3	..	..	3	0
	2015	..	3	..	..	3	0
Mexico	2012	..	4	..	..	4	0
	2013	..	4	..	..	4	0
	2014	..	3	..	..	3	0
	2015	..	3	..	..	3	0
Asia	2012	669	0	..	..	669	0
	2013	811	2	..	..	813	0
	2014	754	2	..	..	756	0
	2015	173	1	..	..	174	0
India	2012	669	..	..	..	669	1
	2013	811	..	..	..	811	1
	2014	*754	..	..	..	*754	*1
	2015	*173	..	..	..	*173	0
Singapore	2012	..	..	..	..	..	..
	2013	..	2	..	..	2	0
	2014	..	2	..	..	2	0
	2015	..	1	..	..	1	0
Europe	2012	10,413	1,340	1,965	125	9,663	13
	2013	10,846	1,251	1,789	-20	10,328	14
	2014	10,051	1,361	1,843	-17	9,586	13
	2015	9,056	863	1,563	-12	8,368	11
Albania	2012	..	348	..	..	348	121
	2013	..	304	..	..	304	105
	2014	..	394	..	..	394	137
	2015	..	..	..	..	..	..
Austria	2012	..	23	1	0	22	3
	2013	..	17	0	0	17	2
	2014	..	15	0	0	15	2
	2015	..	16	0	0	16	2
Belarus	2012	1,392	..	393	74	925	97
	2013	1,117	..	166	85	866	91
	2014	852	..	105	53	694	73
	2015	677	..	87	2	588	62
Belgium	2012	..	402	93	-2	311	28
	2013	..	328	0	-1	329	29
	2014	..	426	0	1	425	38
	2015	..	440	0	-1	441	39
Bulgaria	2012	995	..	..	2	993	136
	2013	1,576	..	..	-57	1,633	225
	2014	1,392	..	..	-32	1,424	198
	2015	938	..	..	-40	978	137
Czechia	2012	0	173	11	-3	165	16
	2013	0	183	18	0	165	16
	2014	0	148	10	-3	141	13
	2015	0	141	3	-1	139	13

Table 10

Production, trade and supply of brown coal briquettes and peat products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Denmark	2012	..	1	..	..	1	0
	2013	..	1	..	..	1	0
	2014	..	0	..	..	0	0
	2015	..	..	..	..	..	..
Estonia	2012	52	..	41	-2	13	10
	2013	56	..	53	-10	13	10
	2014	62	..	50	0	12	9
	2015	9	..	0	0	9	7
Finland	2012	28	..	0	..	28	5
	2013	18	..	0	..	18	3
	2014	9	..	0	..	9	2
	2015	0	..	0	-9	9	2
France	2012	..	73	..	..	73	1
	2013	..	63	..	-1	64	1
	2014	..	84	..	0	84	1
	2015	..	54	..	0	54	1
Germany	2012	6,786	58	1,392	5	5,447	68
	2013	6,973	73	1,460	-39	5,625	70
	2014	6,883	78	1,522	-6	5,445	68
	2015	6,657	41	1,444	-9	5,263	65
Hungary	2012	..	7	..	..	7	1
	2013	..	6	..	..	6	1
	2014	..	4	..	..	4	0
	2015	..	4	..	..	4	0
Ireland	2012	197	25	21	-19	220	47
	2013	240	46	20	37	229	49
	2014	207	28	6	16	213	46
	2015	148	27	18	-33	190	41
Lithuania	2012	5	76	13	-5	73	24
	2013	7	86	8	9	76	26
	2014	6	57	12	-14	65	22
	2015	5	45	2	-1	49	17
Luxembourg	2012	..	9	..	..	9	17
	2013	..	4	..	..	4	7
	2014	..	4	..	..	4	7
	2015	..	9	..	..	9	16
Netherlands	2012	..	77	..	..	77	5
	2013	..	45	..	..	45	3
	2014	..	25	..	..	25	1
	2015	..	17	..	..	17	1
Poland	2012	..	10	0	..	10	0
	2013	..	37	0	..	37	1
	2014	..	70	0	..	70	2
	2015	..	39	2	..	37	1
Russian Federation	2012	82	..	0	0	82	1
	2013	74	..	2	0	72	1
	2014	60	..	2	..	58	0
	2015	43	..	3	-2	42	0
Serbia	2012	519	18	0	59	478	53
	2013	516	7	62	-35	496	55
	2014	271	4	39	-40	276	31
	2015	331	11	4	79	259	29

Table 10**Production, trade and supply of brown coal briquettes and peat products**

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Slovakia	2012	..	40	..	16	24	4
	2013	..	51	..	-12	63	12
	2014	..	23	..	-7	30	6
	2015	..	19	..	2	17	3
Ukraine	2012	357	..	..	0	357	8
	2013	269	..	..	4	265	6
	2014	309	1	97	15	198	4
	2015	248	..	..	1	247	6
Oceania	2012	228	..	5	6	217	6
	2013	224	..	105	-73	192	5
	2014	213	..	6	44	163	4
	2015	44	..	0	0	44	1
Australia	2012	228	..	5	6	217	9
	2013	224	..	105	-73	192	8
	2014	213	..	6	44	163	7
	2015	44	..	0	0	44	2

Production, trade and supply of peat

Thousand metric tons and kilograms per capita

Table Notes

Data refer to peat.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/classification, and xvi to xvii for the descriptions of relevant flows.

Figure 26: World production of peat, 1990-2015

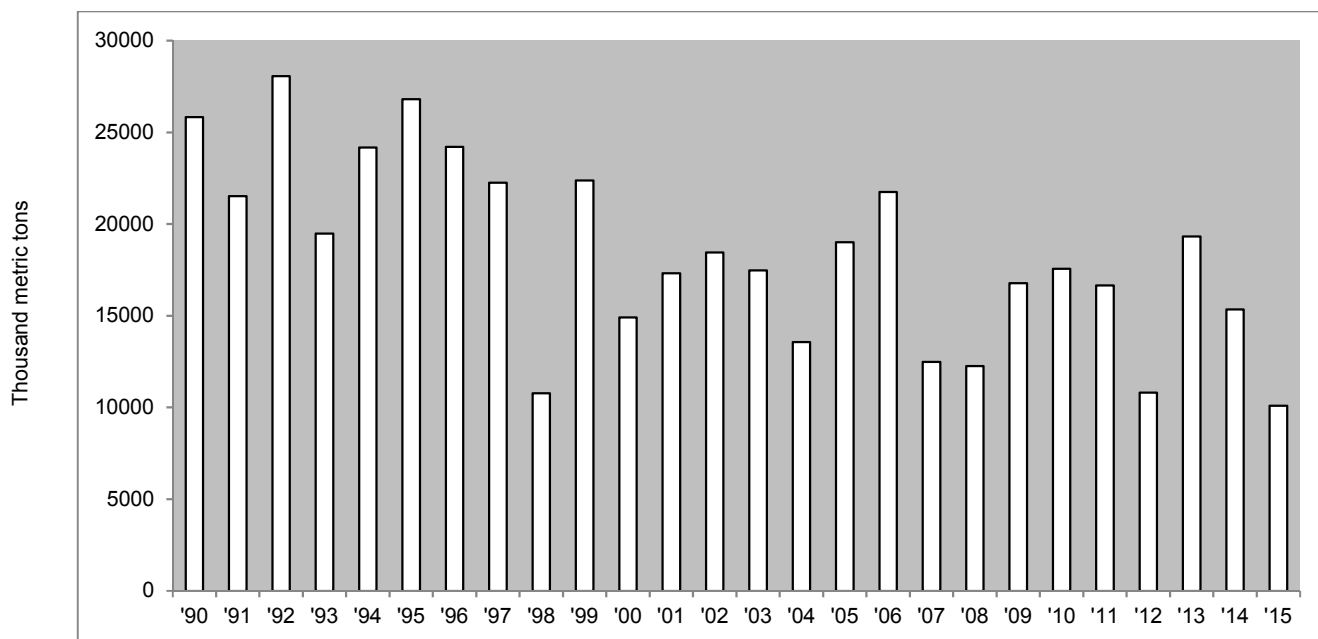


Figure 27: Major peat producing countries, 2015

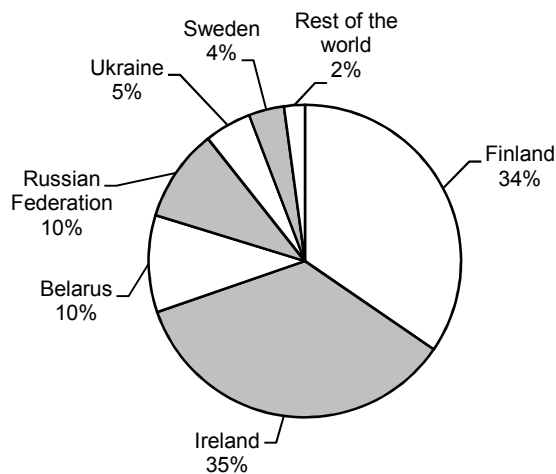


Figure 28: Major peat consuming countries, 2015

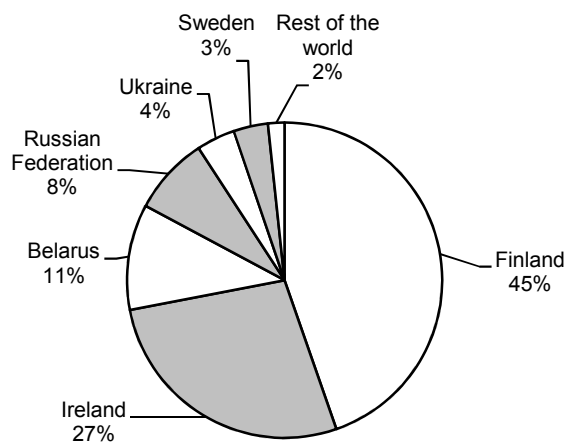


Table 11

Production, trade and supply of peat

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
World	2012	10,814	493	152	-4,969	16,123	2
	2013	19,315	262	134	4,470	14,972	2
	2014	15,337	230	226	930	14,411	2
	2015	10,093	209	167	-2,680	12,815	2
Africa	2012	20	..	..	..	20	0
	2013	16	..	..	..	16	0
	2014	11	..	..	..	11	0
	2015	4	..	..	..	4	0
Burundi	2012	20	..	..	..	20	2
	2013	16	..	..	..	16	1
	2014	11	..	..	..	11	1
	2015	4	..	..	..	4	0
America, South	2012	13	..	..	..	13	0
	2013	13	..	..	..	13	0
	2014	13	..	..	..	13	0
	2015	13	..	..	..	13	0
Falkland Is. (Malvinas)	2012	*13	..	..	..	*13	*4,541
	2013	*13	..	..	..	*13	*4,519
	2014	*13	..	..	..	*13	*4,497
	2015	*13	..	..	..	*13	*4,513
Asia	2012	1	4	1	..	4	0
	2013	0	4	0	..	4	0
	2014	1	5	2	..	5	0
	2015	2	6	2	..	6	0
Armenia	2012	*1	0	1	..	0	0
	2013	0	1	0	..	0	0
	2014	*1	0	2	..	0	0
	2015	2	0	2	..	0	0
Georgia	2012	..	1	..	..	1	0
	2013	..	0	..	..	0	0
	2014	..	2	..	..	2	0
	2015	..	2	..	..	2	1
Viet Nam	2012	..	3	..	..	3	0
	2013	..	3	..	..	3	0
	2014	..	3	..	..	3	0
	2015	..	3	..	..	3	0
Europe	2012	10,780	488	151	-4,969	16,086	22
	2013	19,286	258	134	4,470	14,940	20
	2014	15,311	225	224	930	14,382	19
	2015	10,074	203	165	-2,680	12,792	17
Austria	2012	1	..	..	..	1	0
	2013	1	..	..	..	1	0
	2014	1	..	..	..	1	0
	2015	1	..	..	..	1	0
Belarus	2012	2,679	..	..	86	2,593	273
	2013	2,269	..	..	233	2,036	214
	2014	1,433	..	..	-144	1,577	166
	2015	1,015	..	..	-375	1,390	146
Estonia	2012	166	..	17	-108	257	194
	2013	263	..	13	10	240	182
	2014	261	..	0	36	225	171
	2015	118	..	36	-50	132	101

Production, trade and supply of peat

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Finland	2012	4,330	92	9	-2,385	6,798	1,253
	2013	7,388	39	3	1,558	5,866	1,076
	2014	6,722	49	2	787	5,982	1,092
	2015	3,489	61	1	-2,175	5,724	1,040
Ireland	2012	1,452	..	..	-2,544	3,996	856
	2013	6,657	..	..	2,938	3,719	796
	2014	4,604	..	..	956	3,648	780
	2015	3,546	..	..	47	3,499	746
Latvia	2012	9	0	13	-7	3	1
	2013	10	4	4	2	8	4
	2014	5	0	0	2	3	2
	2015	0	..	..	-1	1	1
Lithuania	2012	61	..	13	6	42	14
	2013	84	..	12	4	68	23
	2014	100	..	9	48	43	15
	2015	74	..	8	43	23	8
Romania	2012	2	0	0	0	2	0
	2013	1	39	2	0	38	2
	2014	2	34	3	0	33	2
	2015	4	36	1	..	39	2
Russian Federation	2012	1,162	6	49	0	1,119	8
	2013	1,522	6	50	-222	1,700	12
	2014	1,149	9	66	-755	1,847	13
	2015	967	12	95	-141	1,025	7
Sweden	2012	472	363	..	..	835	87
	2013	624	144	..	..	768	80
	2014	450	110	..	..	560	58
	2015	369	82	..	..	451	46
T.F.Yug.Rep. Macedonia	2012	..	4	0	..	4	2
	2013	..	0	0	..	0	0
	2014	..	0	0	..	0	0
	2015	..	0	0	..	0	0
Ukraine	2012	446	23	50	-17	436	10
	2013	467	26	50	-53	496	11
	2014	584	23	144	0	463	10
	2015	491	12	24	-28	507	11

Production of biofuels and wastes

Terajoules

Table Notes

The conversion of fuelwood (solid volume, 9.135 TJ/m³) is based on an average 20-30% moisture content of wood from an unspecified species.

The methodology used for estimating fuel bagasse production for certain countries is derived from the work done by the Economic Commission for Latin America and the Caribbean (ECLAC). Although several different methodologies have been devised, the one selected assumes a yield of 3.26 tons of fuel bagasse at 50% humidity per ton of cane sugar produced. This methodology was used for instances where national data on bagasse production were not

available. In these cases, data were derived from sugar production figures extracted from the Sugar Yearbook of the International Sugar Organization (London).

Biogasoline includes Other liquid biofuels.

The total column excludes charcoal as it is the only secondary energy product in the table.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/classification, and xvi to xvii for the descriptions of relevant flows.

Figure 29: Production of fuelwood by region, 1990-2015

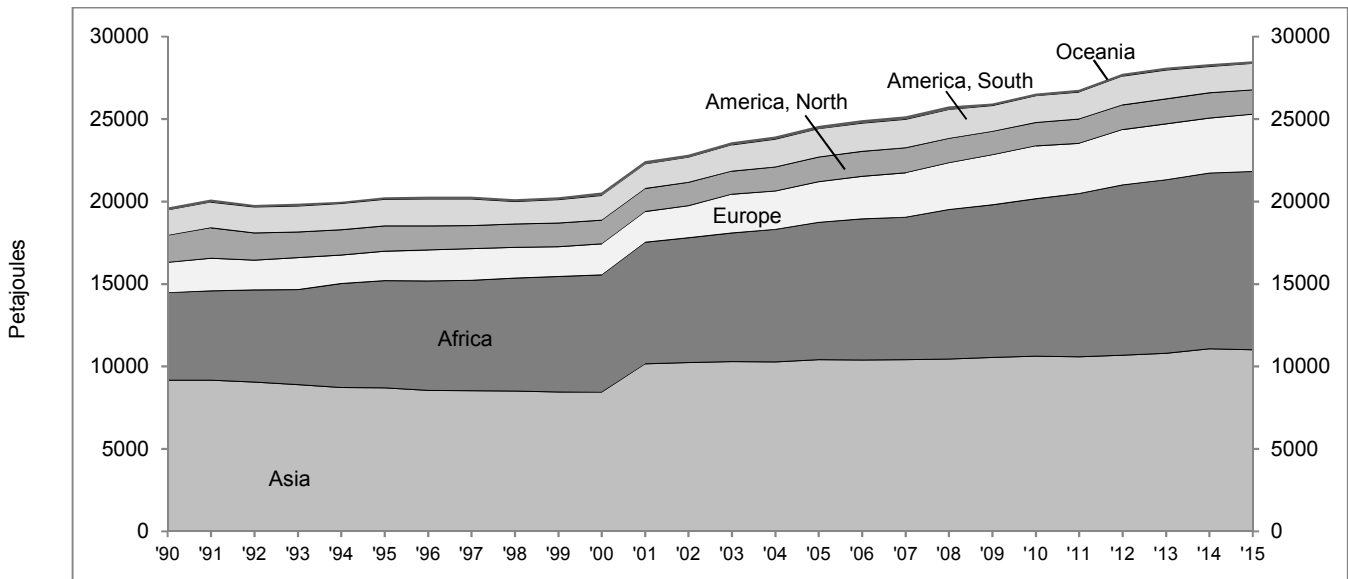


Figure 30: Production of charcoal by region, 1990-2015

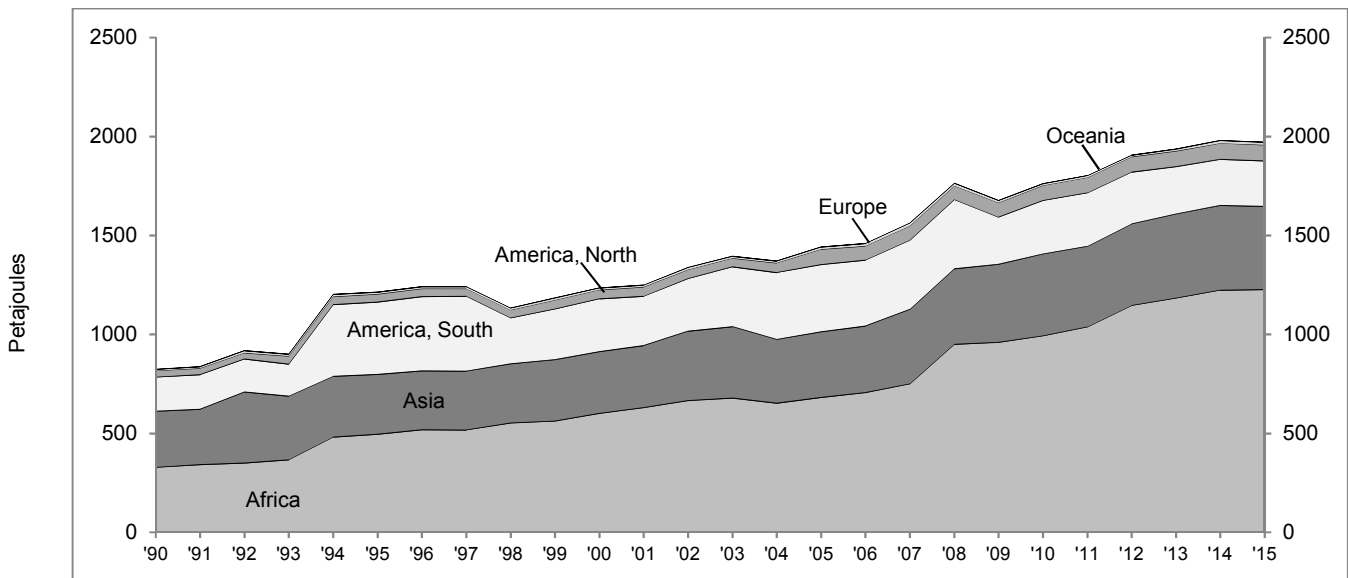


Figure 31: Production of total solid biofuels by region, 2015

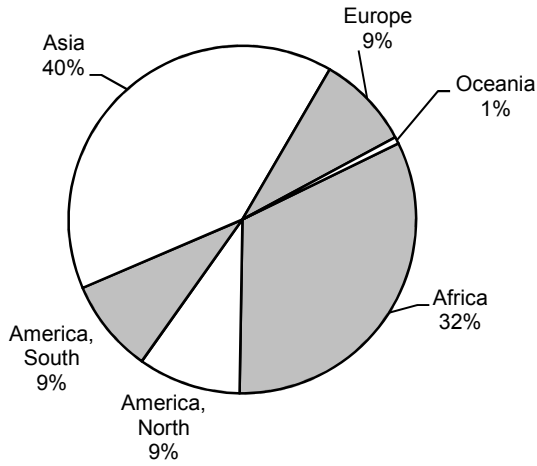


Figure 32: Production of biogases by region, 2015

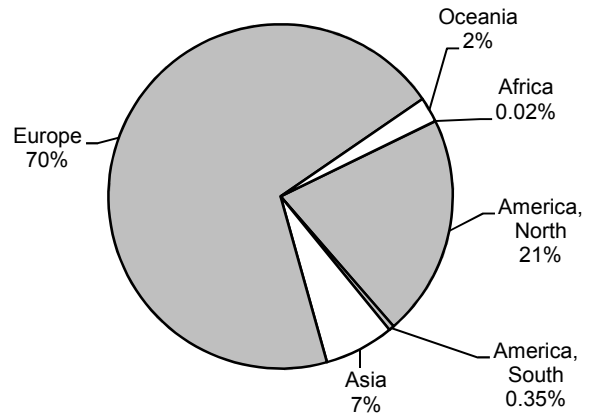


Figure 33: Production of bagasse by region, 2015

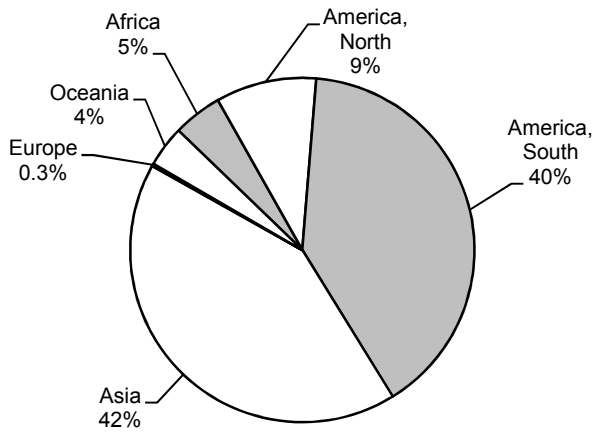


Figure 34: Production of liquids biofuels by region, 2015

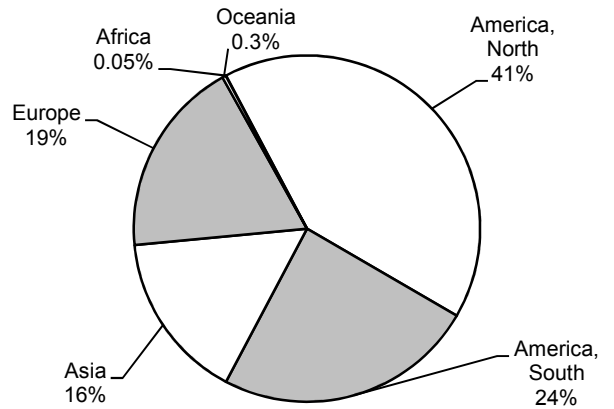


Figure 35: Production of energy from wastes by region, 2015

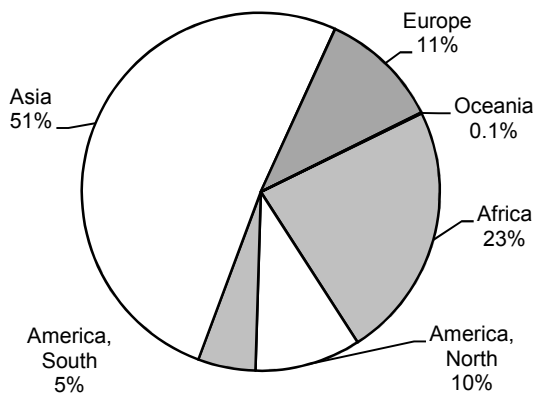


Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
World	2012	27,740,316	645,795	9,474,183	3,511,990	1,617,472	1,906,639
	2013	28,104,892	683,300	9,706,599	3,717,896	1,734,934	1,937,308
	2014	28,325,713	709,100	9,921,453	3,749,643	1,852,966	1,980,448
	2015	28,503,598	671,634	10,028,754	3,666,559	1,782,226	1,972,167
Africa	2012	10,329,619	150,944	2,939,603	166,308	3,950	1,145,714
	2013	10,513,999	154,551	3,011,600	184,231	4,000	1,183,105
	2014	10,646,658	158,206	3,088,446	180,048	4,000	1,224,459
	2015	10,818,546	161,953	3,168,890	169,702	4,066	1,227,039
Algeria	2012	652	..	..	..	..	..
	2013	918	..	..	..	..	..
	2014	251	..	..	..	..	..
	2015	292	..	..	..	..	..
Angola	2012	174,762	..	113,594	..	..	33,040
	2013	178,186	..	115,819	..	..	33,689
	2014	181,598	..	118,037	..	..	34,338
	2015	184,987	..	120,240	..	..	34,987
Benin	2012	92,310	..	2,219	226	..	13,128
	2013	98,665	..	2,764	226	..	14,927
	2014	105,118	..	2,847	252	..	15,429
	2015	110,625	..	2,973	252	..	15,783
Botswana	2012	6,299	..	..	..	..	2,164
	2013	6,328	..	..	..	..	2,181
	2014	6,357	..	..	..	..	2,198
	2015	6,387	..	..	..	..	2,216
Burkina Faso	2012	120,080	..	..	934	..	18,275
	2013	121,779	..	..	1,035	..	18,786
	2014	123,505	..	..	633	..	19,311
	2015	125,268	..	..	633	..	19,850
Burundi	2012	52,462	..	..	583	..	1,770
	2013	54,874	..	..	650	..	7,936
	2014	54,801	..	..	542	..	7,788
	2015	54,801	..	..	579	..	7,788
Cabo Verde	2012	1,473	..	..	..	..	24
	2013	1,508	..	..	..	..	26
	2014	1,501	..	..	..	..	19
	2015	*1,516	..	..	..	..	*19
Cameroon	2012	188,698	..	6,344	..	..	6,638
	2013	193,507	..	6,505	..	..	6,785
	2014	198,403	..	6,670	..	..	6,962
	2015	203,378	..	6,838	..	..	7,139
Central African Rep.	2012	18,270	..	..	..	..	5,880
	2013	18,270	..	..	..	..	5,988
	2014	18,270	..	..	..	..	6,097
	2015	18,270	..	..	..	..	6,209
Chad	2012	66,686	..	..	806	..	12,493
	2013	67,769	..	..	770	..	12,812
	2014	68,869	..	..	829	..	13,142
	2015	69,992	..	..	885	..	13,479
Comoros	2012	2,556	..	..	..	..	1,236
	2013	2,621	..	..	..	..	1,271
	2014	2,689	..	..	..	..	1,307
	2015	2,758	..	..	..	..	1,342
Congo	2012	39,381	..	19,691	..	..	5,782
	2013	40,389	..	20,187	..	..	5,900
	2014	41,393	..	20,697	..	..	6,077
	2015	42,450	..	21,225	..	..	6,225

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
778,455	2,564,192	1,792,921	889,060	733,339	49,747,723
785,870	2,732,428	1,913,096	873,191	841,902	51,094,108
798,332	2,853,491	2,019,643	990,780	913,830	52,134,951
794,625	2,909,604	2,104,030	962,304	947,989	52,371,324
98	..	134	..	186	13,590,842
98	..	161	..	256	13,868,896
98	..	1,367	..	229	14,079,052
98	..	1,394	..	266	14,324,914
..	652
..	918
..	251
..	292
..	288,356
..	294,005
..	299,635
..	305,227
..	94,755
..	101,655
..	108,217
..	113,850
..	6,299
..	6,328
..	6,357
..	6,387
..	121,014
..	122,813
..	124,138
..	125,901
..	53,046
..	55,524
..	55,343
..	55,380
..	1,473
..	1,508
..	1,501
..	*1,516
..	195,042
..	200,012
..	205,073
..	210,216
..	18,270
..	18,270
..	18,270
..	18,270
..	67,491
..	68,539
..	69,697
..	70,877
..	2,556
..	2,621
..	2,689
..	2,758
..	59,072
..	60,576
..	62,090
..	63,675

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Côte d'Ivoire	2012	392,717	..	1,412	..	..	38,911
	2013	411,252	..	1,450	..	..	41,359
	2014	421,878	..	1,489	..	..	42,392
	2015	391,481	..	1,928	..	..	45,666
Dem. Rep. of the Congo	2012	1,023,871	..	10,467	..	..	104,725
	2013	1,060,330	..	10,804	..	..	108,472
	2014	1,096,788	..	5,824	..	..	112,189
	2015	1,135,176	..	6,028	..	..	116,112
Djibouti	2012	3,355	..	..	..	..	1,460
	2013	3,408	..	..	..	..	1,484
	2014	3,461	..	..	..	..	1,509
	2015	3,516	..	..	..	..	1,534
Egypt	2012	160,781	..	35,000	23,386	..	40,849
	2013	161,199	..	35,798	25,023	..	41,223
	2014	161,625	..	36,601	23,160	..	41,595
	2015	162,058	..	37,389	23,160	..	41,979
Equatorial Guinea	2012	4,083	..	..	..	..	280
	2013	4,083	..	..	..	..	289
	2014	4,083	..	..	..	..	295
	2015	4,083	..	..	..	..	295
Eritrea	2012	21,427	2,519	1,425	..	..	4,160
	2013	21,896	2,574	1,456	..	..	4,248
	2014	22,382	2,631	1,488	..	..	4,307
	2015	23,122	2,720	1,537	..	..	4,455
Ethiopia	2012	949,733	138,376	135,636	6,950	..	115,678
	2013	962,335	141,839	139,031	9,267	..	118,540
	2014	975,143	145,441	142,561	9,946	..	139,172
	2015	988,160	148,963	148,963	10,448	..	124,478
Gabon	2012	48,691	..	2,949	579	..	620
	2013	49,854	..	3,019	612	..	631
	2014	*49,786	..	3,048	598	..	643
	2015	*49,968	..	3,104	592	..	643
Gambia	2012	6,513	..	..	..	..	1,817
	2013	6,595	..	..	..	..	1,856
	2014	6,687	..	..	..	..	1,894
	2015	6,773	..	..	..	..	1,936
Ghana	2012	93,531	..	..	..	..	39,949
	2013	97,555	..	..	..	..	42,707
	2014	99,627	..	..	..	..	43,976
	2015	99,322	..	..	..	..	43,843
Guinea	2012	110,196	..	..	579	..	10,733
	2013	110,689	..	..	579	..	10,969
	2014	111,209	..	..	579	..	11,209
	2015	111,730	..	..	604	..	11,455
Guinea-Bissau	2012	24,438	..	..	..	..	1,981
	2013	24,788	..	..	..	..	2,027
	2014	25,141	..	..	..	..	2,075
	2015	25,499	..	..	..	..	2,124
Kenya	2012	*578,693	..	28,378	14,057	..	183,699
	2013	*600,973	..	22,353	15,057	..	188,664
	2014	593,629	..	23,393	14,640	..	188,422
	2015	545,871	..	24,139	15,393	..	191,316
Lesotho	2012	19,253	*8,160	*1,330	..	..	2,956
	2013	19,326	*8,180	*1,335	..	..	3,009
	2014	19,398	*8,190	*1,340	..	..	3,065
	2015	19,471	*8,377	*1,371	..	..	3,121

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	394,129
..	412,702
..	423,367
..	393,409
..	1,034,338
..	1,071,134
..	1,102,612
..	1,141,204
..	3,355
..	3,408
..	3,461
..	3,516
..	219,168
..	222,020
..	221,386
..	222,607
..	4,083
..	4,083
..	4,083
..	4,083
..	25,371
..	25,926
..	26,501
..	27,379
..	..	134	..	..	1,230,829
..	..	161	..	..	1,252,632
..	..	214	..	..	1,273,305
..	..	241	..	..	1,296,776
..	52,219
..	53,485
..	*53,432
..	*53,665
..	6,513
..	6,595
..	6,687
..	6,773
..	93,531
..	97,555
..	99,627
..	99,322
..	110,775
..	111,268
..	111,789
..	112,334
..	24,438
..	24,788
..	25,141
..	25,499
..	*621,128
..	*638,383
..	631,662
..	585,403
..	28,743
..	28,841
..	28,928
..	29,219

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Liberia	2012	68,588	..	..	..	..	7,445
	2013	70,992	..	..	..	..	7,722
	2014	73,480	..	..	..	..	8,010
	2015	76,056	..	..	..	..	8,309
Libya	2012	6,466	..	..	..	..	..
	2013	6,395	..	..	..	..	..
	2014	6,333	..	..	..	..	..
	2015	6,352	..	..	..	..	..
Madagascar	2012	119,166	..	..	1,762	..	34,989
	2013	121,733	..	..	1,938	..	46,021
	2014	124,318	..	..	1,440	..	46,021
	2015	126,899	..	..	2,189	..	46,021
Malawi	2012	50,500	..	..	7,628	..	15,167
	2013	51,094	..	..	7,351	..	15,538
	2014	51,711	..	..	7,552	..	15,919
	2015	52,350	..	..	7,300	..	16,309
Mali	2012	49,740	..	..	805	..	4,160
	2013	48,637	..	..	805	..	5,065
	2014	50,860	..	..	1,259	..	5,045
	2015	51,439	..	..	1,259	..	8,113
Mauritania	2012	17,532	..	..	..	..	5,773
	2013	17,925	..	..	..	..	5,927
	2014	18,325	..	..	..	..	6,086
	2015	18,325	..	..	..	..	6,245
Mauritius	2012	183	..	..	9,969	..	18
	2013	174	..	..	9,738	..	18
	2014	164	..	..	9,336	..	18
	2015	155	..	..	11,104	..	18
Mayotte	2012	242	..	..	..	..	..
	2013	242	..	..	..	..	..
	2014	242	..	..	..	..	..
	2015	242	..	..	..	..	..
Morocco	2012	40,662	..	..	780	..	502
	2013	39,716	..	..	741	..	502
	2014	39,302	..	..	703	..	561
	2015	39,335	..	..	718	..	561
Mozambique	2012	338,466	..	17,773	9,676	..	20,503
	2013	348,121	..	18,280	9,645	..	21,093
	2014	357,972	..	18,798	10,572	..	21,063
	2015	367,995	..	19,324	9,313	..	27,730
Namibia	2012	11,580	..	1,415	..	..	4,248
	2013	11,858	..	1,449	..	..	3,983
	2014	12,458	..	1,449	..	..	4,278
	2015	12,939	..	1,449	..	..	4,514
Niger	2012	56,570	434	442	..	..	1,325
	2013	58,776	500	378	..	..	1,376
	2014	*60,071	*500	*405	..	..	*1,420
	2015	63,457	*510	*410	..	..	1,486
Nigeria	2012	2,369,125	..	2,151,823	273	..	118,148
	2013	2,336,770	..	2,210,364	273	..	110,419
	2014	2,280,848	..	2,269,954	158	..	114,077
	2015	2,341,562	..	2,330,400	378	..	117,115
Réunion	2012	923	..	..	4,095	..	435
	2013	922	..	..	3,920	..	434
	2014	921	..	..	4,145	..	434
	2015	920	..	..	4,396	..	434

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	68,588
..	70,992
..	73,480
..	76,056
..	6,466
..	6,395
..	6,333
..	6,352
..	120,928
..	123,671
..	125,758
..	129,088
*98	58,226
*98	58,543
*98	59,361
*98	59,748
..	50,545
..	49,443
..	52,119
..	52,698
..	17,532
..	17,925
..	18,325
..	18,325
..	*65	10,217
..	*68	9,979
..	*70	9,570
..	73	11,333
..	242
..	242
..	242
..	242
..	41,442
..	40,457
..	40,005
..	40,053
..	365,915
..	376,046
..	387,342
..	396,632
..	12,995
..	13,307
..	13,907
..	14,388
..	57,446
..	59,654
..	*60,976
..	64,377
..	4,521,221
..	4,547,407
..	4,550,960
..	4,672,340
..	121	5,140
..	188	5,030
..	159	5,225
..	193	5,508

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Rwanda	2012	*79,803	..	..	226	..	*16,968
	2013	*82,368	..	..	151	..	*17,865
	2014	*83,129	..	..	252	..	*17,995
	2015	*83,476	..	..	126	..	*18,113
Sao Tome and Principe	2012	996	..	..	..	..	268
	2013	1,005	..	..	..	..	271
	2014	1,014	..	..	..	..	276
	2015	1,023	..	..	..	..	280
Senegal	2012	85,358	..	611	3,072	..	16,992
	2013	69,442	..	1,021	2,055	..	14,219
	2014	71,649	..	1,053	2,120	..	14,662
	2015	73,876	..	1,085	2,186	..	15,104
Seychelles	2012	29	..	..	..	..	..
	2013	29	..	..	..	..	..
	2014	29	..	..	..	..	..
	2015	29	..	..	..	..	..
Sierra Leone	2012	51,704	..	..	201	..	11,830
	2013	52,097	..	..	201	..	12,125
	2014	52,471	..	..	286	..	12,420
	2015	52,965	..	..	286	..	12,744
Somalia	2012	127,494	..	..	579	..	35,022
	2013	127,495	..	..	579	..	35,022
	2014	128,241	..	..	579	..	35,022
	2015	128,241	..	..	579	..	34,854
South Africa	2012	557,140	..	84,096	49,497	..	20,945
	2013	565,815	..	85,405	59,279	..	21,013
	2014	574,809	..	86,763	53,287	..	21,081
	2015	584,975	..	88,297	41,000	..	5,573
South Sudan	2012	8,064	..	..	..	..	325
	2013	7,826	..	..	..	..	325
	2014	8,138	..	..	..	..	325
	2015	8,431	..	..	..	..	207
St. Helena and Depend.	2012	5	..	..	..	..	..
	2013	6	..	..	..	..	..
	2014	*5	..	..	..	..	..
	2015	*5	..	..	..	..	..
Sudan	2012	339,332	..	39,640	..	..	45,106
	2013	346,699	..	40,634	..	..	46,050
	2014	354,540	..	41,639	..	..	47,082
	2015	362,757	..	42,739	..	..	48,144
Swaziland	2012	9,987	..	..	15,390	*3,950	1,325
	2013	10,131	..	..	17,290	*4,000	1,361
	2014	10,277	..	..	17,336	*4,000	1,397
	2015	10,426	..	..	17,583	*4,066	1,434
Togo	2012	103,262	..	1,225	..	..	18,733
	2013	106,063	..	1,258	..	..	19,234
	2014	108,910	..	1,292	..	..	19,765
	2015	111,818	..	1,327	..	..	20,097
Tunisia	2012	34,058	1,455	4,075	..	..	5,871
	2013	34,214	1,458	4,088	..	..	6,018
	2014	34,384	1,444	4,074	..	..	6,136
	2015	34,558	1,383	3,800	..	..	6,284
Uganda	2012	500,472	..	..	*11,506	..	27,478
	2013	521,640	..	..	*14,278	..	29,500
	2014	543,816	..	..	*17,375	..	30,604
	2015	567,076	..	..	*16,603	..	31,439

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	*80,029
..	*82,520
..	*83,380
..	*83,602
..	996
..	1,005
..	1,014
..	1,023
..	89,041
..	72,518
..	74,822
..	77,147
..	29
..	29
..	29
..	29
..	51,905
..	52,298
..	52,757
..	53,250
..	128,074
..	128,074
..	128,820
..	128,820
..	690,733
..	710,499
..	714,859
..	714,272
..	8,064
..	7,826
..	8,138
..	8,431
..	5
..	6
..	*5
..	*5
..	378,972
..	387,333
..	396,179
..	405,496
..	29,327
..	31,421
..	31,613
..	32,075
..	104,487
..	107,321
..	110,202
..	113,145
..	39,588
..	39,759
..	39,902
..	39,741
..	511,978
..	535,918
..	561,191
..	583,678

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
United Rep. of Tanzania	2012	665,915	..	126,790	342	..	53,130
	2013	708,344	..	130,691	378	..	54,752
	2014	742,758	..	137,635	396	..	57,142
	2015	770,550	..	142,010	378	..	58,971
Zambia	2012	256,417	..	43,779	..	..	30,503
	2013	264,870	..	45,222	..	..	31,211
	2014	273,675	..	46,218	..	..	31,949
	2015	290,383	..	44,229	..	..	32,686
Zimbabwe	2012	178,927	..	109,489	2,405	..	266
	2013	183,503	..	112,289	2,390	..	266
	2014	188,213	..	115,171	2,074	..	266
	2015	192,976	..	118,085	1,757	..	266
America, North	2012	1,481,756	351,527	651,418	303,664	894,819	77,765
	2013	1,507,445	382,523	726,105	317,370	975,122	80,004
	2014	1,536,215	401,140	735,091	337,367	1,004,349	81,694
	2015	1,474,053	358,073	660,257	346,585	928,313	80,287
Anguilla	2012	*2	..	..	..	..	..
	2013	*2	..	..	..	..	..
	2014	*2	..	..	..	..	..
	2015	*2	..	..	..	..	..
Aruba	2012	17	..	..	..	..	5
	2013	17	..	..	..	..	5
	2014	18	..	..	..	..	6
	2015	19	..	..	..	..	6
Bahamas	2012	304	..	..	..	..	32
	2013	305	..	..	..	..	33
	2014	307	..	..	..	..	33
	2015	308	..	..	..	..	33
Barbados	2012	45	..	..	692	..	9
	2013	45	..	..	518	..	9
	2014	45	..	..	463	..	9
	2015	44	..	..	455	..	9
Belize	2012	1,151	..	..	3,158	..	22
	2013	1,151	..	..	2,587	..	22
	2014	1,151	..	..	3,120	..	22
	2015	1,151	..	..	3,784	..	23
Bermuda	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
British Virgin Islands	2012	13	..	..	..	..	2
	2013	13	..	..	..	..	2
	2014	14	..	..	..	..	2
	2015	14	..	..	..	..	2
Canada	2012	352,340	..	..	..	175,026	..
	2013	360,069	..	..	..	191,861	..
	2014	379,138	..	..	..	182,966	..
	2015	299,607	..	..	..	195,115	..
Costa Rica	2012	12,304	..	4,965	9,285	..	36
	2013	12,213	..	4,742	11,061	..	38
	2014	11,254	..	4,851	11,447	..	47
	2015	11,053	..	4,279	11,269	..	57
Cuba	2012	11,062	..	88	30,580	..	974
	2013	12,641	..	*88	28,085	..	3,339
	2014	10,931	..	*88	35,554	..	3,685
	2015	9,858	..	*88	38,163	..	3,098

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	..	..	..	..	793,047
..	..	..	..	..	839,413
..	..	..	..	..	880,789
..	..	..	..	..	912,938
..	..	..	..	..	300,196
..	..	..	..	..	310,092
..	..	..	..	..	319,893
..	..	..	..	..	334,612
..	..	..	..	..	290,821
..	..	..	..	..	298,182
..	..	1,152	..	..	306,610
..	..	1,152	..	..	313,970
89,331	305,729	1,093,697	130,456	154,241	5,456,637
66,915	305,140	1,083,380	73,195	178,575	5,615,771
64,987	303,957	1,167,273	79,488	202,439	5,832,306
56,941	303,075	1,195,438	65,136	197,371	5,585,243
..	..	..	..	..	*2
..	..	..	..	..	*2
..	..	..	..	..	*2
..	..	..	..	..	*2
..	..	..	..	..	17
..	..	..	..	..	17
..	..	..	..	..	18
..	..	..	..	..	19
..	..	..	..	..	304
..	..	..	..	..	305
..	..	..	..	..	307
..	..	..	..	..	308
..	..	..	..	..	737
..	..	..	..	..	563
..	..	..	..	..	507
..	..	..	..	..	499
..	..	..	..	..	4,309
..	..	..	..	..	3,738
..	..	..	..	..	4,271
..	..	..	..	..	4,935
..	*565	..	..	..	*565
..	*565	..	..	..	*565
..	*605	..	..	..	*605
..	*605	..	..	..	*605
..	..	..	..	..	13
..	..	..	..	..	13
..	..	..	..	..	14
..	..	..	..	..	14
5,252	5,815	36,475	3,754	14,969	593,630
5,429	7,399	36,073	4,048	16,664	621,543
5,606	7,658	37,413	9,826	16,977	639,583
5,783	7,658	36,368	9,973	16,977	571,480
..	..	742	..	4	27,301
..	..	742	..	4	28,762
..	..	705	..	4	28,261
..	..	705	..	4	27,310
..	..	375	..	..	42,104
..	..	374	..	..	41,188
..	..	372	..	..	46,945
..	..	*348	..	..	48,457

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Dominica	2012	69	..	..	..	..	7
	2013	69	..	..	..	..	7
	2014	69	..	..	..	..	7
	2015	69	..	..	..	..	7
Dominican Republic	2012	9,778	..	..	12,771	..	2,088
	2013	9,803	..	..	11,981	..	2,139
	2014	10,009	..	..	12,519	..	2,232
	2015	10,196	..	..	10,632	..	2,324
El Salvador	2012	16,618	..	..	12,347	..	236
	2013	15,712	..	..	7,495	..	236
	2014	16,109	..	..	7,640	..	1,092
	2015	14,411	..	..	11,525	..	1,121
Greenland	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
Grenada	2012	280	..	..	22	..	58
	2013	273	..	..	22	..	57
	2014	296	..	..	20	..	60
	2015	300	..	..	20	..	62
Guadeloupe	2012	137	..	..	*1,390	..	62
	2013	137	..	..	*1,506	..	62
	2014	137	..	..	*1,622	..	62
	2015	137	..	..	1,737	..	62
Guatemala	2012	183,663	..	..	75,799	..	1,977
	2013	183,663	..	..	80,657	..	2,036
	2014	199,158	..	..	80,657	..	2,095
	2015	188,300	..	..	80,221	..	*2,095
Haiti	2012	137,987	..	..	967	..	36,787
	2013	138,054	..	..	963	..	38,173
	2014	134,364	..	..	931	..	38,232
	2015	137,436	..	..	958	..	37,052
Honduras	2012	81,085	..	..	11,502	..	620
	2013	82,677	..	..	11,864	..	620
	2014	83,904	..	..	10,692	..	620
	2015	90,423	..	..	11,304	..	620
Jamaica	2012	2,773	..	..	3,357	..	1,133
	2013	2,773	..	..	3,687	..	1,133
	2014	2,773	..	..	3,926	..	1,133
	2015	*2,773	..	..	*3,926	..	*1,183
Martinique	2012	91	..	..	*175	..	53
	2013	91	..	..	*175	..	53
	2014	91	..	..	*175	..	53
	2015	91	..	..	*175	..	53
Mexico	2012	252,826	..	40,993	41,468	..	2,360
	2013	255,520	..	61,991	53,758	..	2,419
	2014	254,274	..	37,708	71,125	..	2,655
	2015	253,164	..	37,151	68,415	..	2,803
Nicaragua	2012	42,078	..	2,755	11,670	..	531
	2013	41,933	..	3,531	15,269	..	531
	2014	41,935	..	4,775	15,695	..	561
	2015	42,000	..	4,899	16,735	..	590
Panama	2012	7,282	..	..	4,666	..	41
	2013	7,236	..	..	5,395	..	38
	2014	7,191	..	..	4,901	..	38
	2015	7,146	..	..	4,764	..	36

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	69
..	69
..	69
..	69
..	22,549
..	21,784
..	22,528
..	20,828
..	28,965
..	526	23,733
..	409	24,158
..	588	26,524
..	103	..	..	..	103
..	117	..	..	..	117
..	92	..	..	..	92
..	98	..	..	..	98
..	302
..	295
..	316
..	320
..	*1,527
..	*1,643
..	*1,759
..	1,874
..	259,462
..	264,320
..	279,815
..	268,521
..	138,954
..	139,017
..	135,295
..	138,394
..	92,587
..	94,541
..	94,596
..	101,727
..	6,130
..	6,460
..	6,699
..	*6,699
..	*432	..	..	..	*698
..	*432	..	..	..	*698
..	*432	..	..	..	*698
..	*432	..	..	..	*698
8,922	1,822	346,031
1,690	1,970	374,929
861	1,939	365,907
472	1,961	361,163
..	56,503
..	60,733
..	62,405
..	63,634
..	11,948
..	12,630
..	12,092
..	11,910

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
St. Lucia	2012	90	..	..	..	..	10
	2013	90	..	..	..	..	10
	2014	90	..	..	..	..	10
	2015	90	..	..	..	..	11
St. Pierre-Miquelon	2012	5	..	..	..	..	..
	2013	5	..	..	..	..	..
	2014	5	..	..	..	..	..
	2015	5	..	..	..	..	..
St. Vincent-Grenadines	2012	68	..	..	..	..	11
	2013	67	..	..	..	..	11
	2014	67	..	..	..	..	11
	2015	66	..	..	..	..	11
Trinidad and Tobago	2012	294	..	..	..	..	59
	2013	291	..	..	..	..	59
	2014	289	..	..	..	..	59
	2015	286	..	..	..	..	59
Turks and Caicos Islands	2012	9	..	..	..	..	4
	2013	10	..	..	..	..	4
	2014	10	..	..	..	..	4
	2015	10	..	..	..	..	4
United States	2012	369,383	*351,527	*602,617	83,816	*719,793	30,651
	2013	382,583	*382,523	*655,754	82,348	*783,261	28,969
	2014	382,583	*401,140	*687,669	76,881	*821,383	28,969
	2015	405,092	*358,073	*613,840	82,503	*733,198	28,969
America, South	2012	1,754,923	..	640,842	1,382,907	34,508	260,872
	2013	1,751,423	..	646,244	1,463,305	34,293	238,307
	2014	1,598,552	..	675,478	1,456,205	112,779	232,991
	2015	1,595,113	..	750,316	1,461,173	121,785	230,914
Argentina	2012	28,230	..	29,978	40,220	..	11,977
	2013	29,917	..	16,915	47,313	..	10,679
	2014	36,397	..	27,141	36,259	..	14,573
	2015	38,220	..	24,459	33,673	..	15,222
Bolivia (Plur. State of)	2012	21,798	..	4,431	11,001	..	1,062
	2013	21,970	..	4,606	10,195	..	1,062
	2014	22,145	..	4,815	11,832	..	1,062
	2015	22,145	..	*4,953	11,328	..	708
Brazil	2012	1,039,325	..	534,041	1,189,968	..	217,917
	2013	987,722	..	554,035	1,259,722	..	195,143
	2014	1,005,206	..	574,738	1,244,602	..	191,957
	2015	1,006,403	..	648,338	1,255,521	..	190,098
Chile	2012	392,646	..	..	..	..	7,287
	2013	428,535	..	..	..	..	7,287
	2014	240,937	..	..	..	65,771	2,124
	2015	237,262	..	..	..	64,768	2,154
Colombia	2012	59,414	..	11,023	75,870	10,157	7,139
	2013	57,706	..	10,796	78,565	7,630	8,142
	2014	67,046	..	6,488	94,375	12,095	7,552
	2015	65,155	..	7,075	90,232	12,440	7,759
Ecuador	2012	12,163	..	..	20,196	..	..
	2013	11,695	..	..	19,215	..	..
	2014	11,724	..	..	21,299	..	..
	2015	10,828	..	..	24,847	..	..
Falkland Is. (Malvinas)	2012	7	..	..	..	..	3
	2013	7	..	..	..	..	3
	2014	7	..	..	..	..	3
	2015	7	..	..	..	..	3

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	90
..	90
..	90
..	90
..	5
..	5
..	5
..	5
..	68
..	67
..	67
..	66
..	294
..	291
..	289
..	286
..	9
..	10
..	10
..	10
75,157	298,814	1,056,105	126,702	137,446	3,821,360
59,796	296,627	1,046,192	69,147	159,411	3,917,642
58,520	295,170	1,128,783	69,662	183,110	4,104,902
50,686	294,282	1,158,017	55,163	177,841	3,928,696
..	..	498,090	118,588	1,180	4,431,037
..	..	587,946	93,848	1,394	4,578,453
..	..	612,979	117,145	3,161	4,576,298
..	..	658,616	88,654	4,656	4,680,313
..	..	5,628	97,704	..	201,760
..	..	10,023	73,526	..	177,695
..	..	10,372	95,864	..	206,033
..	..	12,596	67,160	..	176,108
..	37,230
..	36,772
..	38,792
..	38,426
..	..	478,916	..	..	3,242,250
..	..	564,837	..	..	3,366,315
..	..	588,126	..	..	3,412,672
..	..	629,693	..	..	3,539,954
..	303	392,949
..	559	429,094
..	2,325	309,033
..	3,671	305,701
..	..	7,818	19,633	..	183,915
..	..	7,049	19,151	..	180,896
..	..	7,501	19,713	..	207,218
..	..	8,241	19,533	..	202,676
..	..	161	..	..	32,521
..	..	188	..	..	31,097
..	..	*188	..	..	33,210
..	..	*188	..	..	35,863
..	7
..	7
..	7
..	7

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
French Guiana	2012	1,255	..	..	18	..	232
	2013	1,299	..	..	6	..	242
	2014	1,346	..	..	22	..	254
	2015	1,394	..	..	11	..	263
Guyana	2012	1,213	..	..	6,960	..	48
	2013	1,096	..	..	6,014	..	46
	2014	1,277	..	..	5,540	..	50
	2015	1,228	..	..	5,998	..	47
Paraguay	2012	96,611	..	23,412	3,605	..	12,966
	2013	90,272	..	23,627	5,236	..	13,610
	2014	92,418	..	23,412	5,035	..	13,381
	2015	94,953	..	23,530	5,035	..	12,686
Peru	2012	61,904	..	8,285	21,043	..	2,006
	2013	80,895	..	8,242	22,301	..	*1,859
	2014	81,302	..	7,701	23,128	..	1,829
	2015	79,377	..	7,419	20,726	..	1,770
Suriname	2012	1,028	..	*784	0	..	..
	2013	1,066	..	*816	0	..	..
	2014	1,028	..	*823	0	..	..
	2015	1,220	..	*823	..	..	..
Uruguay	2012	26,530	..	10,258	1,062	24,351	..
	2013	27,038	..	8,316	1,421	26,663	..
	2014	26,080	..	11,207	1,149	34,913	..
	2015	25,245	..	*14,309	*1,467	*44,577	..
Venezuela (Bolivar. Rep.)	2012	12,798	..	18,629	12,965	..	236
	2013	12,205	..	18,892	13,317	..	236
	2014	11,639	..	19,153	12,965	..	207
	2015	11,675	..	19,411	12,335	..	207
Asia	2012	10,681,254	136,141	4,926,409	1,519,394	184,005	413,331
	2013	10,806,723	136,653	5,014,103	1,601,010	203,345	426,284
	2014	11,071,165	138,353	5,124,945	1,631,268	211,714	427,708
	2015	11,012,075	141,111	5,105,340	1,538,788	202,695	420,068
Afghanistan	2012	15,474	..	..	..	..	3,510
	2013	15,765	..	..	..	..	3,610
	2014	16,063	..	..	..	..	3,714
	2015	16,368	..	..	..	..	3,821
Armenia	2012	18,946	..	..	..	..	..
	2013	14,123	..	..	..	..	..
	2014	16,279	..	..	..	..	..
	2015	6,360	1,068	..	..	..	..
Azerbaijan	2012	3,700	..	..	..	..	..
	2013	3,855	..	..	..	..	148
	2014	3,289	..	..	..	..	177
	2015	3,088	..	..	..	..	177
Bahrain	2012	62	..	..	..	..	32
	2013	63	..	..	..	..	33
	2014	63	..	..	..	..	33
	2015	64	..	..	..	..	33
Bangladesh	2012	246,378	115,710	220,240	2,190	..	9,708
	2013	244,961	117,126	222,935	2,769	..	9,779
	2014	243,561	118,558	225,660	2,769	..	9,850
	2015	242,179	119,987	228,381	1,762	..	9,922
Bhutan	2012	45,222	..	..	..	..	207
	2013	45,715	..	..	..	..	207
	2014	46,216	..	..	..	..	207
	2015	46,722	..	..	..	..	207

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	1,272
..	1,306
..	1,367
..	1,405
..	8,173
..	7,110
..	6,817
..	7,226
..	..	3,265	..	..	126,894
..	..	3,853	..	..	122,987
..	..	4,279	..	..	125,144
..	..	5,069	..	..	128,586
..	..	1,876	589	877	94,574
..	..	1,394	37	835	113,704
..	..	1,608	110	836	114,685
..	..	1,313	110	985	109,931
..	1,812
..	1,881
..	1,850
..	2,043
..	..	426	662	..	63,289
..	..	603	1,133	..	65,174
..	..	906	1,457	..	75,712
..	..	1,517	1,851	..	*88,965
..	44,392
..	44,414
..	43,757
..	43,421
340,192	1,509,751	94,450	259,877	43,809	19,695,282
385,308	1,644,213	112,720	300,355	54,812	20,259,242
381,303	1,735,426	124,614	321,287	55,504	20,795,579
361,933	1,757,298	137,420	345,122	62,013	20,663,795
..	15,474
..	15,765
..	16,063
..	16,368
..	18,946
..	14,123
..	16,279
..	7,428
..	3,700
..	2,104	..	..	..	5,959
..	2,628	..	..	..	5,917
..	3,037	..	..	..	6,125
..	62
..	63
..	63
..	64
..	584,518
..	587,791
..	590,548
..	592,309
..	45,222
..	45,715
..	46,216
..	46,722

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Brunei Darussalam	2012	107	..	..	..	..	9
	2013	107	..	..	..	..	9
	2014	107	..	..	..	..	9
	2015	106	..	..	..	..	9
Cambodia	2012	162,658	..	288	..	..	25,547
	2013	167,311	..	158	..	..	25,960
	2014	171,447	..	201	..	..	26,403
	2015	176,140	..	545	..	..	26,845
China	2012	1,663,483	..	..	299,316	..	50,328
	2013	1,633,621	..	..	330,599	..	50,050
	2014	1,604,309	..	..	315,409	..	49,773
	2015	1,574,744	..	..	258,327	..	49,090
China, Macao SAR	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
Cyprus	2012	208	..	28	..	..	30
	2013	181	..	28	..	..	30
	2014	105	..	198	..	..	30
	2015	150	..	121	..	..	30
Georgia	2012	12,840	..	..	..	..	..
	2013	23,231	..	..	..	..	..
	2014	22,607	..	1	..	..	..
	2015	19,408	..	..	..	..	..
India	2012	3,874,672	..	3,614,237	734,928	..	84,960
	2013	3,923,089	..	3,682,785	*749,044	..	92,601
	2014	4,005,976	..	3,771,228	*749,044	..	94,017
	2015	*4,054,715	..	*3,823,148	*749,044	..	*94,636
Indonesia	2012	1,768,546	..	469,995	64,848	..	19,913
	2013	1,795,239	..	475,710	64,269	..	17,671
	2014	1,884,621	..	481,657	65,411	..	21,624
	2015	1,920,460	..	386,296	*65,638	..	14,131
Iran (Islamic Rep. of)	2012	73,994	1,175	7,500	..	..	32
	2013	73,994	1,175	7,500	..	..	35
	2014	73,994	1,175	7,500	..	..	30
	2015	73,994	1,175	7,500	..	..	27
Iraq	2012	1,758	..	..	..	..	708
	2013	1,807	..	..	..	..	738
	2014	1,856	..	..	..	..	738
	2015	1,935	..	..	..	..	767
Israel	2012	*183	..	..	..	..	..
	2013	*183	..	..	..	..	..
	2014	*183	..	..	..	..	..
	2015	*183	..	..	..	..	..
Japan	2012	39,054	..	123,311	3,247	165,523	354
	2013	42,856	..	129,642	3,121	181,750	354
	2014	44,525	..	128,546	3,147	185,782	354
	2015	45,915	..	142,507	3,147	183,076	354
Jordan	2012	2,905	..	..	..	..	1,248
	2013	2,978	..	..	..	..	1,281
	2014	3,051	..	..	..	..	1,315
	2015	3,133	..	..	..	..	1,350
Kazakhstan	2012	2,441	..	49	..	..	14
	2013	2,762	..	..	..	..	14
	2014	2,202	..	..	..	..	14
	2015	2,202	..	..	..	..	14

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	..	..	..	..	107
..	..	..	..	..	107
..	..	..	..	..	107
..	..	..	..	..	106
..	..	..	..	..	162,946
..	..	..	..	..	167,469
..	..	..	..	..	171,648
..	..	..	..	..	176,685
198,687	1,355,330	74,555	204,750	..	3,796,122
220,786	1,484,547	84,294	231,494	..	3,985,341
233,878	1,572,324	87,920	241,445	..	4,055,285
200,666	1,580,328	93,543	256,893	..	3,964,501
..	*1,627	..	..	..	*1,627
..	*1,842	..	..	..	*1,842
..	*2,058	..	..	..	*2,058
..	*2,274	..	..	..	*2,274
0	..	..	258	476	970
0	..	..	74	466	749
273	13	..	0	475	1,064
124	24	..	37	471	927
..	..	..	..	3	12,843
..	..	..	..	0	23,231
..	..	..	..	0	22,608
..	..	..	..	0	19,408
..	..	..	..	..	8,223,837
..	..	..	..	..	8,354,918
..	..	..	..	..	8,526,248
..	..	..	..	..	*8,626,907
..	..	..	..	..	2,303,389
..	..	..	..	..	2,335,218
..	..	..	..	..	2,431,689
..	..	..	..	..	2,372,394
..	..	..	..	127	82,796
..	..	..	..	127	82,796
..	..	..	..	127	82,796
..	..	..	..	127	82,796
..	..	..	..	..	1,758
..	..	..	..	..	1,807
..	..	..	..	..	1,856
..	..	..	..	..	1,935
..	..	..	..	777	960
..	..	..	..	442	625
..	..	..	..	638	821
..	..	..	..	700	883
51,858	28,672	..	..	..	411,665
67,381	31,368	..	..	..	456,118
67,303	32,520	..	..	..	461,823
69,952	35,618	..	..	..	480,215
..	..	..	..	72	2,977
..	..	..	..	72	3,050
..	..	..	..	72	3,123
..	..	..	..	23	3,156
..	..	..	..	..	2,490
..	..	..	..	..	2,762
..	..	..	..	..	2,202
..	..	..	..	..	2,202

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Korea, Dem.Ppl's.Rep.	2012	45,444	..	..	..	..	4,691
	2013	45,686	..	..	..	..	4,750
	2014	45,928	..	..	..	..	4,779
	2015	46,163	..	..	..	..	4,809
Korea, Republic of	2012	21,178	..	718	..	9,560	..
	2013	28,710	..	1,573	..	9,598	..
	2014	74,353	..	..	..	13,494	..
	2015	69,022	..	..	..	9,672	..
Kuwait	2012	173	..	..	..	..	85
	2013	176	..	..	..	..	86
	2014	176	..	..	..	..	87
	2015	176	..	..	..	..	87
Kyrgyzstan	2012	160	..	..	..	..	..
	2013	140	..	..	..	..	..
	2014	130	..	..	..	..	..
	2015	130	..	..	..	..	..
Lao People's Dem. Rep.	2012	*67,599	..	..	1,359	..	*5,517
	2013	*64,859	..	..	2,165	..	*5,605
	2014	63,114	..	..	2,392	..	5,694
	2015	*61,506	..	..	3,147	..	*5,664
Lebanon	2012	4,997	..	..	..	..	325
	2013	4,988	..	..	..	..	325
	2014	4,979	..	..	..	..	295
	2015	4,971	..	..	..	..	295
Malaysia	2012	24,768	..	11,405	579	..	856
	2013	24,339	..	15,955	226	..	858
	2014	23,925	..	9,346	226	..	861
	2015	23,526	..	9,878	226	..	864
Maldives	2012	144	..	..	..	..	24
	2013	145	..	..	..	..	24
	2014	147	..	..	..	..	25
	2015	148	..	..	..	..	25
Mongolia	2012	5,481	..	..	..	..	..
	2013	5,481	..	..	..	..	..
	2014	5,481	..	..	..	..	..
	2015	5,481	..	..	..	..	..
Myanmar	2012	425,015	..	26,098	*2,355	..	826
	2013	428,574	..	26,317	*2,355	..	826
	2014	432,238	..	26,542	*2,355	..	826
	2015	399,487	..	23,948	2,494	..	826
Nepal	2012	299,482	18,757	14,811	14,779	..	2,390
	2013	341,392	17,836	*14,811	16,873	..	2,419
	2014	381,166	18,087	14,811	17,082	..	2,419
	2015	351,623	18,338	17,333	*17,719	..	325
Oman	2012	378	..	..	..	..	182
	2013	390	..	..	..	..	199
	2014	402	..	..	..	..	194
	2015	414	..	..	..	..	200
Other Asia	2012	10,274	..	..	..	..	..
	2013	8,839	..	..	..	..	..
	2014	10,383	..	..	..	..	..
	2015	16,624	..	..	..	..	..
Pakistan	2012	270,944	..	*163,428	118,920	..	2,243
	2013	270,944	..	*165,000	130,959	..	2,300
	2014	269,784	..	*168,500	134,936	..	2,358
	2015	269,784	..	*172,034	153,562	..	2,418

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	45,444
..	45,686
..	45,928
..	46,163
88,080	37,499	..	12,218	9,358	178,611
95,926	36,341	..	12,806	9,917	194,871
78,446	36,953	5,261	13,579	9,330	231,416
88,702	40,708	8,686	15,198	7,726	239,714
..	173
..	176
..	176
..	176
..	160
..	140
..	130
..	130
..	*68,958
..	*67,024
..	65,505
..	*64,653
..	4,997
..	4,988
..	4,979
..	4,971
..	9,163	..	45,915
..	17,370	..	57,890
..	22,522	..	56,019
..	24,766	..	58,396
..	144
..	145
..	147
..	148
..	5,481
..	5,481
..	5,481
..	5,481
..	453,468
..	457,246
..	461,135
..	425,929
..	4,296	352,125
..	6,711	397,623
..	6,711	437,857
..	11,688	416,701
..	378
..	390
..	402
..	414
..	55,210	4,372	..	283	70,139
..	55,412	4,750	..	254	69,255
..	55,156	3,091	..	224	68,854
..	57,016	2,273	..	200	76,113
..	553,292
..	566,903
..	573,220
..	595,380

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Philippines	2012	171,650	499	37,965	18,372	..	49,442
	2013	175,173	516	39,169	19,003	..	52,065
	2014	177,028	533	39,662	19,243	..	54,481
	2015	175,999	543	39,317	22,365	..	55,976
Qatar	2012	46	..	..	..	..	23
	2013	47	..	..	..	..	23
	2014	47	..	..	..	..	23
	2015	47	..	..	..	..	23
Singapore	2012	290	..	..	..	..	153
	2013	285	..	..	..	..	150
	2014	280	..	..	..	..	*148
	2015	276	..	..	..	..	146
Sri Lanka	2012	159,638	..	..	1,004	..	..
	2013	156,526	..	..	1,475	..	..
	2014	159,976	..	..	1,148	..	..
	2015	156,317	..	..	1,517	..	..
State of Palestine	2012	2,762	..	702	..	..	..
	2013	3,013	..	436	..	..	..
	2014	3,332	..	726	..	..	..
	2015	3,135	..	*625	..	..	..
Syrian Arab Republic	2012	275	..	..	..	..	30
	2013	280	..	..	..	..	30
	2014	285	..	..	..	..	30
	2015	238	..	..	..	..	30
Tajikistan	2012	822	..	..	..	..	..
	2013	822	..	..	..	..	..
	2014	822	..	..	..	..	..
	2015	822	..	..	..	..	..
Thailand	2012	503,666	..	188,938	221,809	8,922	130,243
	2013	518,371	..	187,957	238,965	11,997	134,166
	2014	537,420	..	208,908	278,054	12,438	127,027
	2015	504,764	..	212,555	225,232	9,947	126,526
Timor-Leste	2012	1,009	..	..	..	..	..
	2013	966	..	..	..	..	..
	2014	925	..	..	..	..	..
	2015	886	..	..	..	..	..
Turkey	2012	98,396	..	46,696	..	..	..
	2013	93,848	..	44,128	..	..	..
	2014	90,519	..	41,459	..	..	..
	2015	77,791	..	41,152	..	..	..
Turkmenistan	2012	91	..	..	..	..	..
	2013	*91	..	..	..	..	..
	2014	*91	..	..	..	..	..
	2015	*91	..	..	..	..	..
Uzbekistan	2012	238	..	..	..	..	..
	2013	238	..	..	..	..	..
	2014	238	..	..	..	..	..
	2015	219	..	..	..	..	..
Viet Nam	2012	629,175	..	..	35,687	..	17,553
	2013	635,912	..	..	39,186	..	17,730
	2014	642,777	..	..	40,053	..	17,907
	2015	649,684	..	..	34,609	..	18,113
Yemen	2012	4,531	..	..	..	..	2,154
	2013	4,649	..	..	..	..	2,213
	2014	4,768	..	..	..	..	2,272
	2015	4,886	..	..	..	..	2,331

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	925	1,399	4,453	..	235,264
..	1,499	2,316	4,939	..	242,615
..	1,640	4,357	5,285	..	247,747
..	955	6,172	6,496	..	251,848
..	..	..	..	..	46
..	..	..	..	..	47
..	..	..	..	..	47
..	..	..	..	..	47
..	26,008	..	..	..	26,298
..	26,917	..	..	..	27,202
..	27,063	..	..	..	27,344
..	27,830	..	..	..	28,105
..	..	..	..	..	160,642
..	..	..	..	..	158,001
..	..	..	..	..	161,123
..	..	..	..	..	157,833
..	..	..	..	..	3,463
..	..	..	..	..	3,448
..	..	..	..	..	4,058
..	..	..	..	..	3,760
..	..	..	..	..	275
..	..	..	..	..	280
..	..	..	..	..	285
..	..	..	..	..	238
..	..	..	..	..	822
..	..	..	..	..	822
..	..	..	..	..	822
..	..	..	..	..	822
..	4,479	13,909	28,373	23,030	993,126
..	4,183	20,395	32,862	28,312	1,043,042
..	5,071	22,512	37,131	28,186	1,129,720
..	9,508	24,951	39,192	29,749	1,055,898
..	..	..	..	..	1,009
..	..	..	..	..	966
..	..	..	..	..	925
..	..	..	..	..	886
1,567	..	214	662	5,387	152,923
1,215	..	965	810	8,511	149,476
1,403	..	1,474	1,325	9,741	145,921
2,489	..	1,796	2,539	11,329	137,096
..	..	..	..	..	91
..	..	..	..	..	*91
..	..	..	..	..	*91
..	..	..	..	..	*91
..	..	..	..	..	238
..	..	..	..	..	238
..	..	..	..	..	238
..	..	..	..	..	219
..	..	..	..	..	664,862
..	..	..	..	..	675,098
..	..	..	..	..	682,830
..	..	..	..	..	684,293
..	..	..	..	..	4,531
..	..	..	..	..	4,649
..	..	..	..	..	4,768
..	..	..	..	..	4,886

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Europe	2012	3,362,283	7,183	307,338	13,218	478,454	8,596
	2013	3,395,955	9,573	299,588	13,645	497,228	9,234
	2014	3,339,868	11,401	288,394	12,591	498,133	13,215
	2015	3,472,009	10,496	334,858	9,497	504,638	13,471
Albania	2012	8,642	..	..	..	..	..
	2013	8,433	..	..	..	..	..
	2014	8,161	..	..	..	..	..
	2015	8,960	..	..	..	..	..
Andorra	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
Austria	2012	159,802	..	9,742	..	27,689	30
	2013	157,289	..	8,326	..	30,088	30
	2014	144,124	..	8,806	..	30,329	30
	2015	148,195	..	10,555	..	28,545	30
Belarus	2012	61,644	..	3,256	..	..	118
	2013	59,946	..	3,071	..	..	118
	2014	55,795	..	3,790	..	..	89
	2015	55,842	..	..	..	..	89
Belgium	2012	51,678	263	5,838	..	1,400	..
	2013	53,947	133	3,150	..	1,735	..
	2014	38,570	97	5,826	..	1,733	..
	2015	41,304	266	5,800	..	1,666	..
Bosnia and Herzegovina	2012	6,458	..	..	..	..	561
	2013	*6,458	..	..	..	..	679
	2014	72,578	..	..	..	..	2,596
	2015	73,043	..	..	..	..	2,596
Bulgaria	2012	41,388	..	772	..	4,265	118
	2013	40,906	..	850	..	5,235	148
	2014	40,501	..	..	..	4,987	177
	2015	45,681	..	..	..	2,898	177
Croatia	2012	60,238	..	21	..	..	148
	2013	61,312	..	12	..	..	177
	2014	57,543	..	12	..	..	236
	2015	64,129	..	19	..	..	236
Czechia	2012	92,286	..	5,208	..	12,749	..
	2013	96,966	..	4,761	..	14,218	..
	2014	98,604	..	5,096	..	15,281	..
	2015	102,917	..	5,581	..	15,196	..
Denmark	2012	40,830	..	19,241	..	..	..
	2013	38,795	..	21,125	..	..	..
	2014	35,481	..	19,134	..	..	..
	2015	46,757	..	19,824	..	..	..
Estonia	2012	32,115	..	9,220	..	1,056	..
	2013	35,807	..	7,471	..	1,408	..
	2014	38,208	..	7,398	..	1,374	..
	2015	41,571	..	7,721	..	1,340	..
Finland	2012	195,228	271	1,537	..	135,768	..
	2013	195,269	256	2,133	..	140,701	..
	2014	196,230	204	1,499	..	141,905	..
	2015	187,269	244	1,230	..	142,056	..
France	2012	346,541	97	10,980	0	33,188	*1,328
	2013	385,629	97	13,223	0	34,821	*1,328
	2014	335,170	177	11,493	0	33,248	*1,180
	2015	357,670	340	12,265	0	34,217	*1,033

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
344,805	748,713	100,438	377,269	516,165	6,255,866
329,527	783,074	122,241	402,739	589,985	6,443,556
347,646	814,108	107,459	468,886	633,195	6,521,682
371,618	849,231	105,775	458,313	661,326	6,777,762
..	..	..	..	..	8,642
..	..	..	..	..	8,433
..	..	..	..	..	8,161
..	..	..	..	..	8,960
..	*211	..	..	..	*211
..	*232	..	..	..	*232
..	*241	..	..	..	*241
..	*248	..	..	..	*248
19,728	15,554	2,975	7,654	8,640	251,784
17,915	15,722	2,680	6,440	8,442	246,902
17,651	18,705	5,575	9,642	12,418	247,250
18,655	19,346	5,655	12,622	12,563	256,137
1,135	..	..	1,214	182	67,431
1,037	..	..	957	381	65,392
1,156	..	..	1,030	373	62,144
1,157	..	..	810	398	58,207
14,575	29,194	7,359	11,334	6,680	128,322
13,607	28,829	7,278	11,040	7,913	127,632
13,526	30,133	6,808	16,413	8,672	121,778
13,479	30,394	6,516	9,126	9,492	118,043
..	..	..	..	..	6,458
..	..	..	..	..	*6,458
..	..	..	..	..	72,578
..	..	..	..	..	73,043
276	871	0	294	5	47,871
322	644	322	1,582	93	49,954
951	272	563	2,208	435	49,917
1,073	489	670	1,766	820	53,397
341	..	..	1,435	479	62,514
366	..	..	1,214	693	63,597
425	..	..	1,288	1,096	60,364
390	..	..	626	1,507	66,671
7,093	5,840	2,734	6,366	15,698	147,974
6,742	5,786	2,787	6,698	23,910	161,868
8,194	5,755	2,787	8,059	25,457	169,233
9,382	5,570	2,814	6,182	25,681	173,323
..	35,616	685	..	4,399	100,771
..	35,060	603	..	4,588	100,171
..	35,271	575	..	5,519	95,980
..	35,545	411	..	6,347	108,884
..	..	..	..	122	42,513
..	4,411	..	..	302	49,399
..	2,851	..	..	403	50,234
..	2,819	..	..	550	54,001
2,741	13,039	786	9,090	2,425	360,885
2,120	15,933	1,384	11,261	3,725	372,782
2,219	17,949	1,413	12,586	4,173	378,178
1,792	19,622	999	15,382	4,321	372,915
..	104,926	17,554	81,438	16,511	611,235
2,149	100,632	21,065	80,187	18,279	656,082
3,058	98,076	19,537	86,848	19,783	607,390
5,584	101,482	15,892	89,571	22,549	639,571

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Germany	2012	425,016	..	..	..	32,642	59
	2013	417,169	..	5,614	..	33,674	59
	2014	436,947	..	5,905	..	35,478	59
	2015	462,327	..	6,483	..	36,183	59
Greece	2012	32,894	..	8,985	..	..	30
	2013	28,171	..	5,985	..	..	59
	2014	29,663	..	6,633	..	..	30
	2015	30,583	..	9,293	..	..	30
Hungary	2012	92,960	106	13,525	..	290	0
	2013	98,212	230	13,796	..	82	0
	2014	86,037	87	12,474	..	330	0
	2015	91,350	291	13,222	..	265	0
Iceland	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
Ireland	2012	6,851	623	..	..	..	..
	2013	7,046	628	..	..	..	..
	2014	7,386	1,423	..	..	..	..
	2015	7,233	1,203	..	..	..	..
Isle of Man	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
Italy	2012	294,361	..	9,136	..	..	295
	2013	303,913	..	7,918	..	..	295
	2014	264,871	..	8,921	..	..	295
	2015	297,890	..	9,433	..	..	295
Jersey	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
Latvia	2012	89,779	..	38	..	..	325
	2013	81,950	..	58	..	..	295
	2014	94,319	..	99	..	..	384
	2015	83,986	..	135	..	..	325
Liechtenstein	2012	*203	..	..	..	..	..
	2013	172	..	..	..	..	..
	2014	187	..	..	..	..	..
	2015	209	..	..	..	..	..
Lithuania	2012	41,291	..	242	..	..	30
	2013	43,355	..	238	..	..	30
	2014	46,749	..	457	..	..	30
	2015	49,852	..	585	..	..	30
Luxembourg	2012	1,561	..	269	..	..	..
	2013	1,752	..	265	..	..	..
	2014	2,513	..	243	..	..	..
	2015	2,085	..	217	..	..	..
Malta	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	..	..	..	..	..
Montenegro	2012	7,838	..	..	..	..	*15
	2013	7,427	..	..	..	..	*15
	2014	7,509	..	..	..	..	*20
	2015	8,432	..	..	..	..	*246

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
59,464	217,346	25,109	100,611	268,856	1,129,045
49,437	245,060	21,481	107,125	287,845	1,167,405
52,968	254,310	23,878	123,354	311,259	1,244,099
52,659	250,720	23,781	113,528	328,840	1,274,521
625	..	..	5,042	3,710	51,256
883	..	..	5,594	3,704	44,337
868	..	..	5,741	3,640	46,545
3,732	..	..	5,410	3,826	52,844
1,804	3,766	6,432	5,299	2,218	126,400
1,680	3,475	7,584	5,152	3,336	133,547
2,255	3,709	7,906	4,894	3,323	121,015
2,510	4,728	10,613	5,373	3,335	131,687
..	0	..	..	73	73
..	0	..	..	71	71
..	0	..	..	101	101
..	0	..	..	69	69
13	3,680	..	994	2,341	14,502
4	4,455	..	920	2,062	15,115
0	4,799	..	994	2,187	16,789
0	4,798	..	994	2,287	16,515
..	*436	..	..	..	*436
..	*440	..	..	..	*440
..	*440	..	..	..	*440
..	*440	..	..	..	*440
13,626	67,560	3,686	10,562	49,352	448,282
12,994	69,302	4,485	16,891	76,013	491,516
12,532	71,882	3,178	21,344	82,105	464,833
12,696	70,840	5,392	21,234	78,355	495,839
..	*780	..	..	..	*780
..	*616	..	..	..	*616
..	*658	..	..	..	*658
..	*732	..	..	..	*732
84	51	54	3,312	2,175	95,492
84	85	80	2,429	2,695	87,381
168	171	0	2,760	3,136	100,653
84	256	80	2,429	3,674	90,644
..	328	..	..	..	531
..	356	..	..	..	529
..	378	..	..	..	565
..	380	..	..	..	589
..	..	563	3,938	484	46,517
155	943	616	4,306	649	50,262
258	970	268	4,416	876	53,994
303	1,337	429	4,342	981	57,829
603	1,203	..	..	658	4,294
641	1,225	..	..	653	4,536
640	1,171	..	..	701	5,268
569	1,365	..	..	739	4,975
..	..	..	37	93	130
..	..	..	37	59	96
..	..	..	37	65	102
..	..	..	37	69	106
..	..	..	..	..	7,838
..	..	..	..	..	7,427
..	..	..	..	..	7,509
..	..	..	..	..	8,432

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Netherlands	2012	34,388	..	11,291	..	..	177
	2013	34,153	..	12,994	..	..	177
	2014	40,875	..	13,139	..	..	..
	2015	42,811	..	14,281	..	..	..
Norway	2012	48,183	..	..	..	..	..
	2013	44,138	..	..	..	..	..
	2014	35,322	..	..	..	..	..
	2015	38,307	..	..	..	..	..
Poland	2012	201,106	..	91,456	..	..	..
	2013	211,876	..	74,367	..	..	..
	2014	201,369	..	57,354	..	..	..
	2015	204,512	..	57,919	..	..	..
Portugal	2012	44,191	..	23,808	..	38,563	561
	2013	42,767	..	27,424	..	41,266	590
	2014	44,040	..	26,779	..	40,995	236
	2015	44,700	..	23,105	..	41,179	236
Republic of Moldova	2012	9,007	..	455	..	..	..
	2013	10,231	..	490	..	..	30
	2014	12,953	..	888	..	..	30
	2015	13,438	..	650	..	..	30
Romania	2012	158,895	..	..	..	..	528
	2013	153,097	..	..	..	..	628
	2014	152,640	..	..	..	..	487
	2015	147,416	..	..	..	..	177
Russian Federation	2012	144,541	..	..	..	..	1,564
	2013	126,851	..	..	..	..	1,510
	2014	115,921	..	..	..	..	1,552
	2015	118,109	..	..	..	..	1,543
Serbia	2012	44,187	..	..	..	..	266
	2013	46,823	..	..	..	..	325
	2014	46,518	..	..	..	..	354
	2015	46,240	..	..	..	..	354
Slovakia	2012	17,202	..	861	..	15,465	118
	2013	15,140	..	1,425	..	15,615	118
	2014	15,618	..	1,737	..	14,443	124
	2015	17,277	..	6,813	..	13,164	118
Slovenia	2012	24,352	..	290	..	..	..
	2013	25,527	..	269	..	..	..
	2014	22,037	..	263	..	..	..
	2015	24,436	..	273	..	..	..
Spain	2012	146,908	549	32,756	13,218	19,890	1,062
	2013	148,981	567	34,189	13,645	20,532	1,062
	2014	156,406	560	26,234	12,591	20,275	1,062
	2015	142,420	449	43,829	9,497	24,039	1,062
Sweden	2012	244,757	153	..	..	155,489	..
	2013	227,662	149	..	..	157,853	..
	2014	215,728	110	..	..	157,755	..
	2015	218,230	76	..	..	163,890	..
Switzerland	2012	39,500	..	..	..	..	..
	2013	42,460	..	..	..	..	..
	2014	37,020	..	..	..	..	..
	2015	38,060	..	..	..	..	..
T.F.Yug.Rep. Macedonia	2012	14,262	..	203	..	..	..
	2013	15,106	..	176	..	..	..
	2014	14,617	..	164	..	..	..
	2015	13,960	..	205	..	..	..

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	63,855	..	43,314	12,165	165,013
..	60,809	11,095	50,600	12,777	182,428
..	61,576	..	63,296	13,094	191,980
..	64,014	..	59,947	13,693	194,746
295	15,062	0	2,613	1,187	67,340
112	16,907	192	1,214	1,105	63,668
103	18,586	110	0	1,032	55,153
410	19,164	110	0	1,866	59,857
13,250	5,672	4,636	22,264	7,033	345,417
14,761	5,513	5,119	23,626	7,593	342,854
16,993	6,099	3,832	27,195	8,685	321,528
16,997	6,593	4,718	34,224	9,581	334,544
2,424	7,197	137	11,187	2,383	129,890
1,963	8,097	137	11,003	2,763	135,420
2,680	6,845	164	12,328	3,432	137,263
1,011	8,155	110	13,211	3,457	134,928
374	..	27	..	0	9,864
130	..	274	..	36	11,161
207	..	..	..	178	14,226
73	..	..	..	401	14,562
1,131	4	1,769	3,717	1,143	166,659
1,695	14	1,099	5,042	822	161,768
2,738	189	322	4,048	810	160,747
2,968	159	1,045	5,520	767	157,875
177,809	..	..	..	..	322,350
177,615	..	..	..	..	304,466
179,858	..	..	..	..	295,779
198,890	..	..	..	..	316,999
50	..	..	..	39	44,276
38	..	..	..	184	47,045
34	..	..	..	215	46,767
29	..	..	..	242	46,511
1,175	1,407	2,734	4,048	2,594	45,486
5,165	1,099	2,787	3,864	2,300	47,395
5,072	1,720	2,841	3,717	4,025	49,173
6,905	1,668	3,002	3,901	6,223	58,952
1,333	..	..	37	1,597	27,609
1,453	..	..	74	1,454	28,777
1,809	..	..	0	1,290	25,399
1,802	..	..	0	1,242	27,753
..	14,710	8,120	18,253	12,177	266,581
..	16,724	9,702	26,496	20,072	290,908
..	17,098	10,291	44,602	14,791	302,848
..	21,102	10,479	40,958	10,954	303,727
1,283	53,698	11,809	13,763	5,303	486,255
1,580	57,233	8,366	8,979	6,070	467,892
863	59,853	5,564	6,514	6,422	452,809
749	63,387	5,501	5,336	7,009	464,178
10,260	46,060	..	258	3,745	99,823
10,500	44,220	..	184	4,087	101,451
11,864	45,050	..	184	4,354	98,472
10,234	46,430	..	221	4,585	99,530
..	..	..	33	..	14,497
..	..	..	0	..	15,282
..	..	..	128	..	14,909
..	..	..	80	..	14,245

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Ukraine	2012	52,234	..	..	..	..	1,269
	2013	58,254	..	..	..	..	1,564
	2014	71,938	..	..	..	..	4,248
	2015	87,769	..	..	..	..	4,809
United Kingdom	2012	48,966	5,121	48,208	..	..	..
	2013	62,964	7,513	50,258	..	..	..
	2014	59,720	8,743	64,050	..	..	..
	2015	67,039	7,627	85,420	..	..	..
Oceania	2012	130,481	..	8,574	126,500	21,737	361
	2013	129,346	..	8,960	138,335	20,946	374
	2014	133,256	..	9,100	132,164	21,991	381
	2015	131,802	..	9,093	140,815	20,729	387
Australia	2012	29,677	..	417	121,740	21,737	..
	2013	30,797	..	708	132,171	20,946	..
	2014	34,467	..	828	125,219	21,991	..
	2015	31,968	..	1,016	133,994	20,729	..
Fiji	2012	338	..	..	3,762	..	71
	2013	338	..	..	5,297	..	71
	2014	338	..	..	6,001	..	72
	2015	338	..	..	5,877	..	72
French Polynesia	2012	41	..	..	..	..	15
	2013	41	..	..	..	..	15
	2014	42	..	..	..	..	15
	2015	42	..	..	..	..	16
Kiribati	2012	28	..	..	..	..	11
	2013	28	..	..	..	..	11
	2014	29	..	..	..	..	11
	2015	29	..	..	..	..	11
Marshall Islands	2012	..	..	*195	..	..	..
	2013	..	..	*195	..	..	..
	2014	..	..	*190	..	..	..
	2015	..	..	*185	..	..	..
Micronesia (Fed. States of)	2012	23	..	..	..	..	10
	2013	23	..	..	..	..	11
	2014	23	..	..	..	..	11
	2015	24	..	..	..	..	11
New Zealand	2012	47,149	..	..	..	..	..
	2013	44,884	..	..	..	..	..
	2014	45,113	..	..	..	..	..
	2015	46,147	..	..	..	..	..
Niue	2012	1	..	..	..	..	0
	2013	1	..	..	..	..	0
	2014	1	..	..	..	..	0
	2015	1	..	..	..	..	0
Papua New Guinea	2012	50,544	..	*5,263	934	..	177
	2013	50,544	..	*5,263	803	..	188
	2014	50,544	..	*5,263	880	..	192
	2015	50,544	..	*5,263	880	..	195
Samoa	2012	639	..	*679	*64	..	14
	2013	639	..	*774	*64	..	14
	2014	639	..	*796	*64	..	15
	2015	639	..	*605	*64	..	15
Solomon Islands	2012	1,191	..	*2,020	..	..	39
	2013	1,200	..	*2,020	..	..	40
	2014	1,209	..	*2,023	..	..	41
	2015	1,220	..	*2,024	..	..	42

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	52,234
..	..	1,956	..	..	60,210
..	..	858	..	..	72,796
..	..	482	..	600	88,851
13,313	40,647	3,270	9,163	81,698	250,386
4,379	39,252	11,149	9,826	85,309	270,649
8,556	49,351	10,988	5,262	89,145	295,815
7,485	67,448	7,075	5,483	94,303	341,880
4,029	..	6,112	2,870	17,757	318,059
4,022	..	6,648	3,054	16,879	328,190
4,298	..	5,951	3,974	19,301	330,034
4,035	..	5,388	5,078	22,357	339,297
4,029	..	5,950	2,834	14,851	201,234
4,022	..	6,486	3,054	13,992	212,176
4,298	..	5,816	3,938	16,366	212,922
4,035	..	5,226	5,078	19,417	221,463
..	4,100
..	5,635
..	6,339
..	6,215
..	41
..	41
..	42
..	42
..	28
..	28
..	29
..	29
..	*195
..	*195
..	*190
..	*185
..	23
..	23
..	23
..	24
..	..	107	37	2,906	50,199
..	..	107	0	2,887	47,878
..	..	80	37	2,935	48,165
..	..	107	..	2,940	49,194
..	1
..	1
..	1
..	1
..	56,741
..	56,610
..	56,687
..	56,687
..	*1,382
..	*1,477
..	*1,499
..	*1,309
..	*3,211
..	*3,220
..	*3,232
..	*3,244

Table 12**Production of biofuels and wastes**

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Tonga	2012	19	..	..	..	..	7
	2013	19	..	..	..	..	7
	2014	19	..	..	..	..	7
	2015	19	..	..	..	..	7
Vanuatu	2012	831	..	..	..	..	16
	2013	831	..	..	..	..	17
	2014	831	..	..	..	..	17
	2015	831	..	..	..	..	18

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	19
..	19
..	19
..	19
..	*55	..	886
..	*55	..	886
..	*55	..	886
..	*55	..	886

Table 13

Production, trade and supply of conventional crude oil

Thousand metric tons; kilograms per capita; reserves production ratio (R/P) in years

Table Notes

The **Reserves / Production** ratio refers to crude oil and natural gas liquids.

Data on reserves were taken from the Survey of Energy Resources, World Energy Council.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/classification, and xvi to xvii for the descriptions of relevant flows.

Figure 36: Production of conventional crude oil by region, 1990-2015

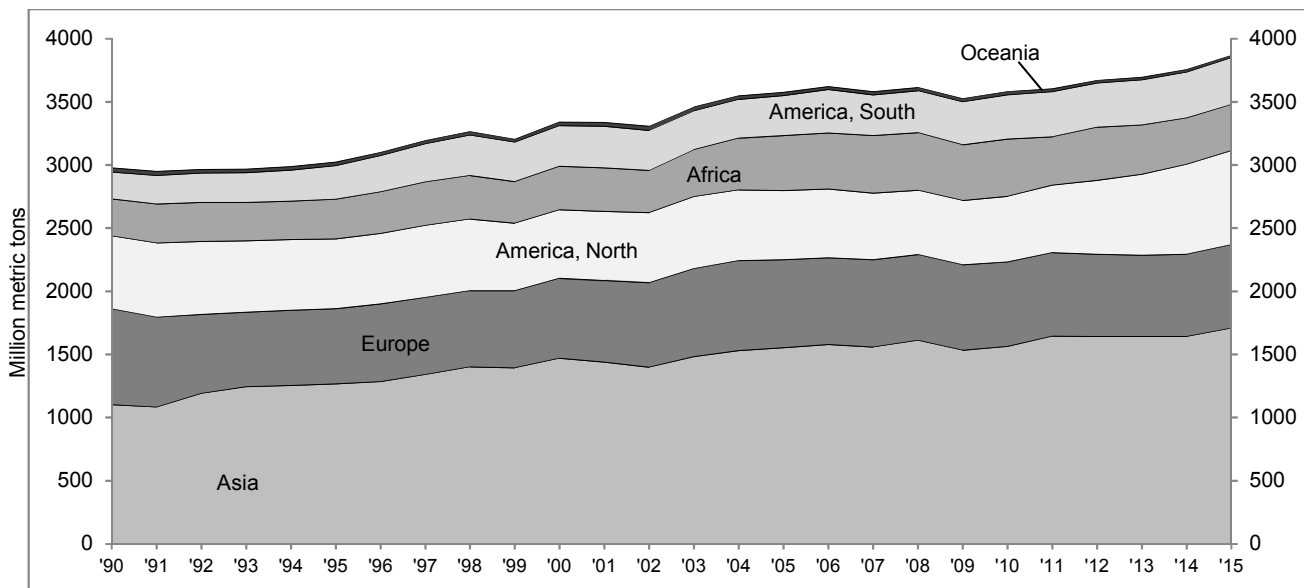


Figure 37: Exports of conventional crude oil by region, 1990-2015

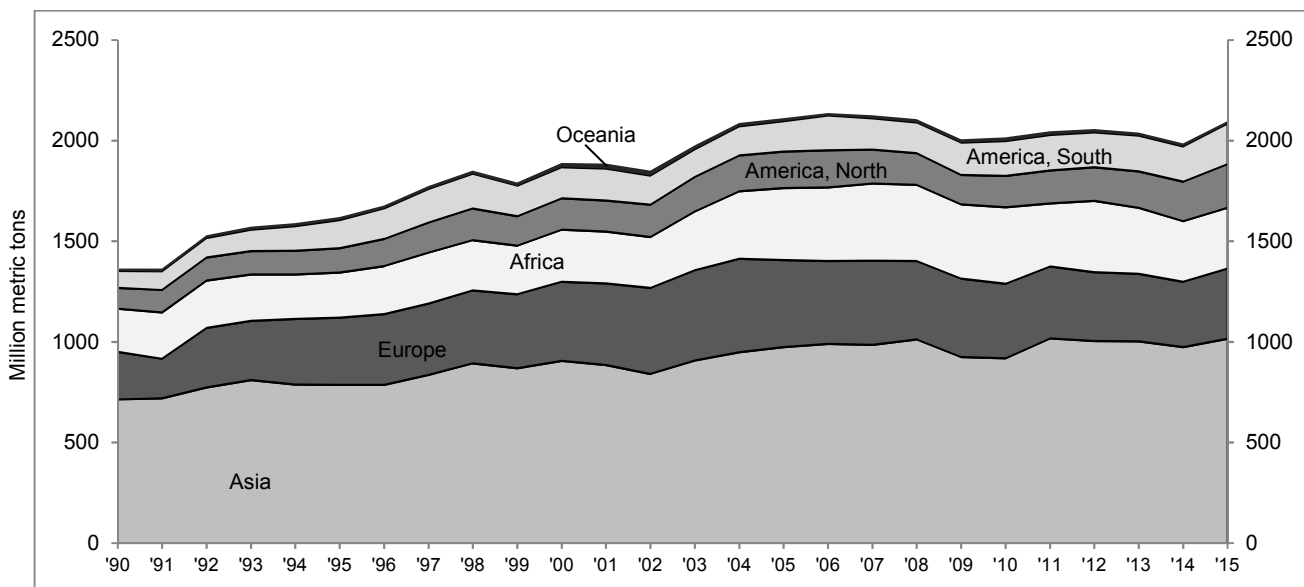


Figure 38: Production, trade and supply of conventional crude oil by region, 2015

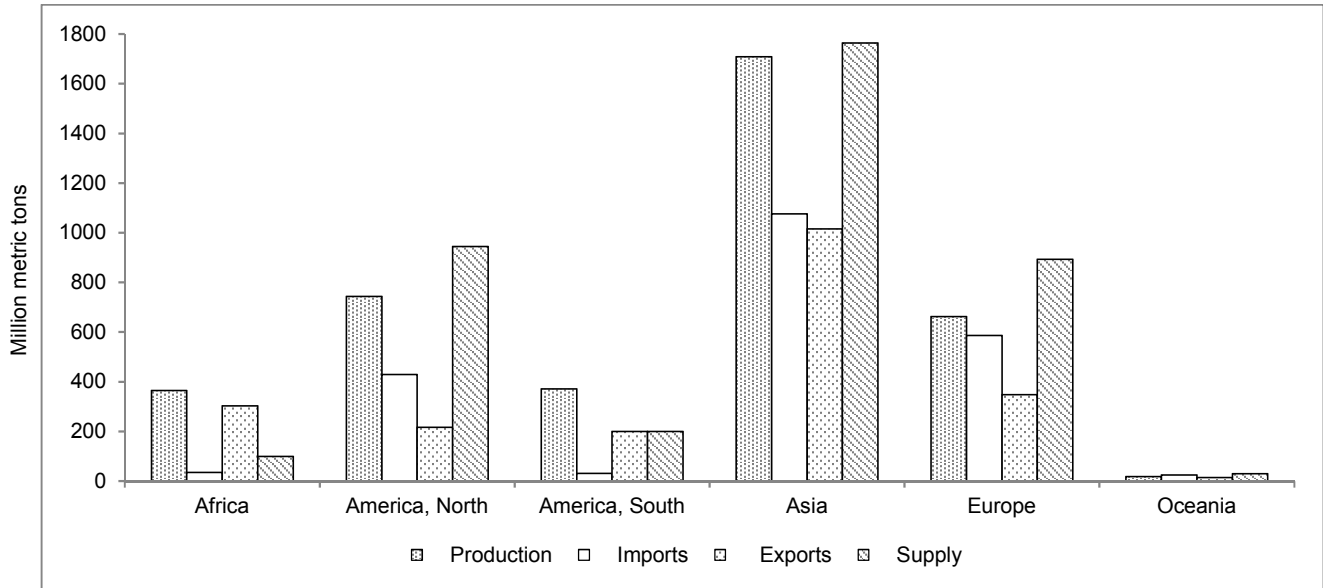


Figure 39: Major crude oil producing countries, 2015

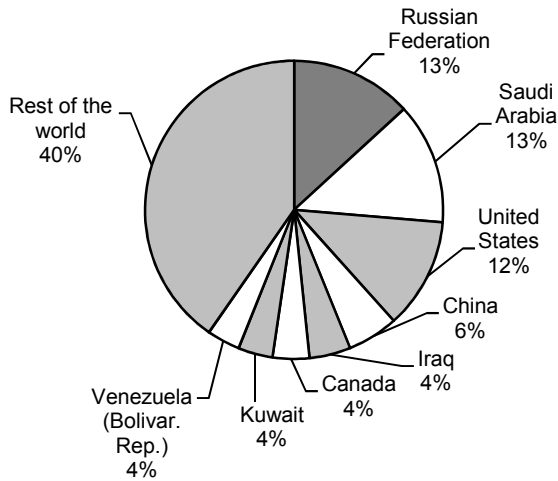


Figure 40: Major crude oil consuming countries, 2015

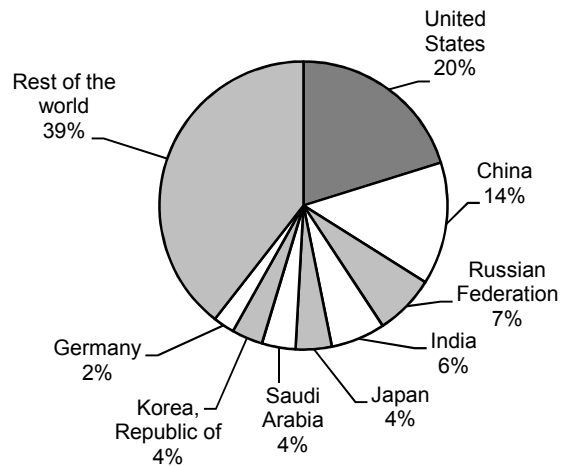


Table 13

Production, trade and supply of conventional crude oil

Thousand metric tons; kilograms per capita; reserves/production ratio (R/P) in years

Country or area	Year	Production		Imports	Exports	Changes in stocks	Supply	
		Total	Reserves/ Production				Total	Per Capita
World	2012	3,669,944	45	2,159,616	2,056,081	2,207	3,771,272	531
	2013	3,694,416	45	2,095,927	2,038,498	-2,344	3,754,189	523
	2014	3,754,372	53	2,083,149	1,984,539	10,981	3,842,000	529
	2015	3,867,864	51	2,181,903	2,097,256	19,991	3,932,520	535
Africa	2012	418,649	40	38,091	354,407	-2,821	105,153	96
	2013	390,979	44	38,466	327,060	-4,353	106,738	95
	2014	369,553	43	39,217	300,787	2,510	105,474	91
	2015	365,134	43	34,714	302,364	-2,051	99,534	84
Algeria	2012	51,063	47	295	31,881	-398	19,875	531
	2013	49,574	49	146	28,130	109	21,481	563
	2014	50,805	22	294	23,550	747	26,802	688
	2015	49,184	23	267	24,181	-578	25,848	652
Angola	2012	85,433	15	..	83,371	..	2,062	91
	2013	85,778	15	..	83,510	..	2,268	97
	2014	83,584	20	..	81,274	..	2,310	95
	2015	88,977	19	..	*86,919	..	2,058	82
Cameroon	2012	3,103	54	1,468	1,845	..	2,726	126
	2013	3,367	50	1,132	3,298	..	1,201	54
	2014	3,814	5	1,712	3,838	..	1,688	74
	2015	4,851	4	1,824	4,882	..	1,793	77
Chad	2012	5,211	39	..	5,119	..	92	7
	2013	4,888	42	..	4,775	..	112	9
	2014	5,158	42	..	*5,040	..	119	9
	2015	*3,640	59	..	*3,522	..	*118	*8
Congo	2012	13,793	15	..	12,884	0	909	212
	2013	12,153	17	..	11,551	-287	889	202
	2014	12,809	14	..	11,637	327	845	188
	2015	12,184	15	..	11,380	..	804	174
Côte d'Ivoire	2012	1,459	10	3,413	1,433	..	3,439	163
	2013	1,254	11	3,546	1,234	..	3,566	165
	2014	948	15	3,277	888	..	3,337	151
	2015	1,349	10	3,083	1,338	..	3,094	136
Dem. Rep. of the Congo	2012	1,197	21	..	1,197	..	0	0
	2013	1,129	22	..	1,129	..	0	0
	2014	1,061	23	..	1,061	..	0	0
	2015	1,048	23	..	1,048	..	0	0
Egypt	2012	32,936	17	2,919	9,530	..	26,325	307
	2013	33,007	17	2,757	11,752	..	24,012	274
	2014	33,687	13	4,940	12,161	..	26,466	295
	2015	33,195	13	3,238	12,399	..	24,034	263
Equatorial Guinea	2012	13,072	11	..	*13,072	..	0	0
	2013	12,823	11	..	*12,823	..	0	0
	2014	13,511	10	..	*13,511	..	0	0
	2015	14,414	10	..	*14,414	..	0	0
Gabon	2012	12,655	40	..	11,884	..	771	478
	2013	11,608	44	..	10,770	..	838	508
	2014	11,607	24	..	10,792	..	815	483
	2015	11,503	24	..	10,701	..	802	465
Ghana	2012	4,134	5	1,210	3,776	..	1,567	61
	2013	5,267	4	1,302	5,150	157	1,262	48
	2014	5,328	17	693	5,386	0	635	24
	2015	5,351	17	310	5,209	20	432	16

Table 13

Production, trade and supply of conventional crude oil

Thousand metric tons; kilograms per capita; reserves/production ratio (R/P) in years

Country or area	Year	Production		Imports	Exports	Changes in stocks	Supply	
		Total	Reserves/ Production				Total	Per Capita
Kenya	2012	..	..	997	27	1	969	23
	2013	..	..	567	18	0	549	13
	2014	..	..	0	0	0	0	0
	2015	..	..	0	0	0	0	0
Libya	2012	70,013	86	..	61,807	-406	8,612	1,371
	2013	48,100	124	..	41,689	-4,383	10,794	1,723
	2014	23,113	249	..	16,425	1,748	4,940	789
	2015	20,165	283	..	13,077	..	7,088	1,129
Mauritania	2012	330	42	..	354	*-24	0	0
	2013	336	42	..	*336	..	0	0
	2014	297	10	..	*297	..	0	0
	2015	264	11	..	*264	..	0	0
Morocco	2012	7	57	5,375	..	-156	5,538	165
	2013	8	50	5,487	..	-53	5,548	163
	2014	5	50	5,189	..	-13	5,207	151
	2015	5	50	2,690	..	72	2,623	76
Niger	2012	625	..	..	..	13	613	35
	2013	877	..	..	..	-8	885	48
	2014	844	24	..	..	26	818	43
	2015	741	27	..	..	-1	742	37
Nigeria	2012	113,704	42	..	110,770	-1,792	4,726	28
	2013	106,732	47	..	101,606	38	5,088	29
	2014	106,472	46	..	103,178	-219	3,513	20
	2015	103,128	48	..	102,892	-1,581	1,817	10
Senegal	2012	..	..	756	..	-22	778	56
	2013	..	..	862	..	0	862	61
	2014	..	..	840	..	0	840	57
	2015	..	..	894	..	0	894	59
South Africa	2012	53	8	19,909	..	..	19,962	378
	2013	66	9	20,915	..	..	20,981	393
	2014	163	6	20,532	..	..	20,695	383
	2015	163	6	20,414	..	..	20,577	378
South Sudan	2012	1,550	..	..	1,550	..	0	0
	2013	4,954	..	..	4,938	..	16	1
	2014	7,775	61	..	7,760	..	15	1
	2015	7,388	64	..	7,363	..	25	2
Sudan	2012	5,117	..	..	1,315	..	3,802	101
	2013	6,178	..	..	2,169	..	4,009	104
	2014	6,000	34	..	1,788	..	4,212	107
	2015	5,250	39	472	977	..	4,745	118
Tunisia	2012	3,193	16	1,106	2,592	-25	1,732	159
	2013	2,881	17	1,146	2,182	95	1,750	159
	2014	2,572	20	1,180	2,201	35	1,516	136
	2015	2,334	22	879	1,798	17	1,398	124
Zambia	2012	..	..	643	..	-12	655	44
	2013	..	..	606	..	-21	627	41
	2014	..	..	560	..	-141	701	45
	2015	..	..	643	..	..	643	40
America, North	2012	585,403	9	487,143	167,542	3,725	901,278	1,615
	2013	641,247	8	442,851	181,704	-335	902,730	1,603
	2014	712,234	44	421,992	197,323	4,914	931,990	1,639
	2015	743,502	42	429,378	216,775	11,220	944,886	1,647

Table 13

Production, trade and supply of conventional crude oil

Thousand metric tons; kilograms per capita; reserves/production ratio (R/P) in years

Country or area	Year	Production		Imports	Exports	Changes in stocks	Supply	
		Total	Reserves/ Production				Total	Per Capita
Aruba	2012	*80	..	*2,500	..	..	*2,580	*25,197
	2013	0	..	0	..	..	0	0
	2014	0	..	0	..	..	0	0
	2015	0	..	0	..	..	0	0
Barbados	2012	37	15	..	38	0	0	0
	2013	35	16	..	34	1	0	0
	2014	32	8	..	29	3	0	0
	2015	34	7	..	34	0	0	0
Belize	2012	151	7	..	132	5	15	44
	2013	120	8	..	101	4	14	42
	2014	97	3	..	89	-4	12	35
	2015	80	3	..	61	6	13	35
Canada	2012	124,862	5	41,784	95,715	-159	71,090	2,039
	2013	135,353	5	39,838	109,827	316	65,048	1,846
	2014	149,405	170	38,468	117,961	942	68,970	1,938
	2015	154,620	165	44,743	131,780	260	67,323	1,873
Costa Rica	2012	..	..	0	64	-59	-5	-1
	2013	..	..	0	0	-3	3	1
	2014	..	..	0	0	-2	2	0
	2015	..	..	0	0	-9	9	2
Cuba	2012	2,999	6	4,976	..	..	7,975	703
	2013	2,897	7	4,778	..	..	7,675	675
	2014	2,905	1	4,625	..	..	7,531	662
	2015	2,822	1	4,408	..	..	7,230	635
Curaçao	2012	..	..	8,558	..	..	8,558	56,074
	2013	..	..	8,817	..	..	8,817	57,140
	2014	..	..	9,803	..	..	9,803	62,935
	2015	..	..	9,232	..	..	9,232	58,727
Dominican Republic	2012	..	..	1,270	..	39	1,232	121
	2013	..	..	1,319	..	-35	1,354	132
	2014	..	..	1,321	..	25	1,296	125
	2015	..	..	813	..	-6	820	78
El Salvador	2012	..	..	497	..	-85	582	96
	2013	..	..	0	11	-11	0	0
	2014	..	..	0	0	0	0	0
	2015	..	..	0	0	0	0	0
Guatemala	2012	579	16	..	488	19	72	5
	2013	498	18	..	440	-3	60	4
	2014	501	22	..	411	17	73	5
	2015	497	22	..	431	2	64	4
Jamaica	2012	..	..	1,204	..	..	1,204	436
	2013	..	..	1,167	..	..	1,167	421
	2014	..	..	942	..	..	942	339
	2015	..	..	1,218	..	..	1,218	436
Martinique	2012	..	..	908	..	..	908	2,298
	2013	..	..	*908	..	..	*908	*2,295
	2014	..	..	*953	..	..	*953	*2,406
	2015	..	..	*950	..	..	*950	*2,395
Mexico	2012	132,183	10	..	66,181	267	65,735	538
	2013	130,488	10	..	62,912	410	67,166	543
	2014	125,472	11	..	59,823	706	64,943	518
	2015	117,001	12	..	59,932	-354	57,423	452

Production, trade and supply of conventional crude oil

Thousand metric tons; kilograms per capita; reserves/production ratio (R/P) in years

Country or area	Year	Production		Imports	Exports	Changes in stocks	Supply	
		Total	Reserves/ Production				Total	Per Capita
Nicaragua	2012	..	..	542	..	1	541	92
	2013	..	..	634	..	45	589	99
	2014	..	..	709	..	48	661	110
	2015	..	..	809	..	55	754	124
Trinidad and Tobago	2012	4,225	8	2,959	1,587	80	5,517	4,112
	2013	4,184	9	4,109	1,761	-285	6,817	5,056
	2014	4,189	21	2,923	1,681	34	5,397	3,985
	2015	4,055	22	4,043	1,599	35	6,464	4,753
United States	2012	320,286	11	421,945	3,337	3,619	735,275	2,336
	2013	367,673	9	381,281	6,617	-775	743,112	2,343
	2014	429,633	13	362,247	17,329	3,145	771,406	2,415
	2015	464,394	12	363,163	22,938	11,231	793,388	2,466
America, South	2012	349,589	88	32,824	172,609	-1,121	210,925	520
	2013	357,679	86	35,882	177,619	333	215,608	526
	2014	361,799	81	33,299	174,189	332	220,578	532
	2015	370,865	79	30,676	200,254	97	201,190	481
Argentina	2012	28,324	11	219	3,080	-331	25,794	613
	2013	27,730	12	373	1,932	116	26,055	613
	2014	27,484	11	488	1,898	-176	26,250	611
	2015	27,496	11	837	1,878	230	26,225	604
Bolivia (Plur. State of)	2012	2,458	19	..	0	-1	2,459	240
	2013	2,812	17	..	353	-3	2,462	237
	2014	3,030	6	..	453	-3	2,580	244
	2015	2,973	7	..	59	4	2,910	271
Brazil	2012	95,652	20	17,495	27,051	-532	86,628	428
	2013	93,777	21	20,006	20,142	5	93,636	458
	2014	107,004	17	17,960	26,619	-25	98,370	477
	2015	116,835	15	15,273	37,794	1,157	93,157	448
Chile	2012	290	8	8,470	..	-116	8,876	510
	2013	340	8	9,259	..	193	9,406	535
	2014	337	48	8,701	..	-23	9,061	510
	2015	244	71	8,297	..	39	8,502	474
Colombia	2012	47,686	5	8	31,445	-77	16,326	348
	2013	56,312	5	0	38,365	108	17,839	377
	2014	51,064	6	1	33,073	559	17,433	365
	2015	52,818	6	0	41,515	-1,761	13,064	271
Ecuador	2012	23,255	42	..	17,001	2	6,252	405
	2013	26,428	37	..	18,466	3	7,958	508
	2014	27,945	42	..	20,456	3	7,487	471
	2015	27,268	43	..	20,139	8	7,121	441
Peru	2012	3,289	12	4,466	768	-176	7,163	238
	2013	3,095	11	4,178	718	84	6,471	212
	2014	3,410	23	4,105	763	76	6,676	216
	2015	2,854	27	4,223	392	301	6,384	203
Suriname	2012	811	15	109	..	-11	932	1,763
	2013	817	15	150	..	-3	970	1,818
	2014	837	14	164	..	-5	1,006	1,869
	2015	845	14	41	..	3	883	1,627
Uruguay	2012	..	..	2,056	..	121	1,935	570
	2013	..	..	1,916	..	-169	2,085	612
	2014	..	..	1,881	..	-74	1,955	572
	2015	..	..	2,005	..	116	1,890	551

Table 13

Production, trade and supply of conventional crude oil

Thousand metric tons; kilograms per capita; reserves/production ratio (R/P) in years

Country or area	Year	Production		Imports	Exports	Changes in stocks	Supply	
		Total	Reserves/ Production				Total	Per Capita
Venezuela (Bolivar. Rep.)	2012	147,824	185	..	93,264	..	54,560	1,828
	2013	146,368	188	..	97,643	..	48,725	1,609
	2014	140,688	182	..	90,927	..	49,761	1,621
	2015	139,531	184	..	98,478	..	41,053	1,320
Asia	2012	1,642,921	63	986,597	1,004,437	1,153	1,623,928	381
	2013	1,642,047	63	991,830	1,002,488	-1,204	1,632,592	379
	2014	1,643,403	65	1,008,070	974,430	-833	1,677,876	386
	2015	1,708,106	62	1,075,732	1,015,435	4,902	1,763,502	401
Azerbaijan	2012	41,015	22	..	34,728	38	6,249	668
	2013	40,726	22	..	34,260	-45	6,511	686
	2014	39,443	23	..	32,903	14	6,526	678
	2015	39,035	23	..	32,843	-60	6,252	641
Bahrain	2012	8,648	18	10,951	6,649	..	12,950	9,711
	2013	9,853	16	10,735	7,120	..	13,468	9,981
	2014	10,093	1	10,385	7,693	..	12,785	9,387
	2015	10,049	1	10,753	7,453	..	13,349	9,693
Bangladesh	2012	..	13	1,266	..	116	1,150	7
	2013	..	12	1,183	..	-118	1,301	8
	2014	..	16	1,308	..	155	1,153	7
	2015	..	14	1,093	..	-116	1,209	8
Brunei Darussalam	2012	7,280	19	..	6,920	36	324	799
	2013	6,061	23	..	5,822	-35	274	666
	2014	5,680	24	..	5,362	87	231	553
	2015	5,936	23	..	5,763	-96	269	636
China	2012	207,478	13	271,027	2,432	9,226	466,847	344
	2013	209,919	13	281,742	1,617	3,334	486,709	357
	2014	211,429	12	308,374	600	3,757	515,446	376
	2015	214,556	12	335,483	2,866	6,238	540,935	393
Georgia	2012	44	114	0	37	3	4	1
	2013	48	104	0	57	-9	0	0
	2014	43	117	10	51	-2	3	1
	2015	40	124	133	153	6	14	4
India	2012	37,862	18	184,173	..	0	222,035	176
	2013	37,788	18	189,238	..	703	226,323	177
	2014	37,461	19	189,432	..	0	226,893	175
	2015	36,950	19	202,850	..	0	239,800	183
Indonesia	2012	42,987	11	13,110	15,757	-1,638	41,978	169
	2013	42,110	11	16,015	10,450	991	46,684	186
	2014	40,746	11	16,186	11,091	183	45,658	179
	2015	40,324	11	18,431	13,542	884	44,329	172
Iran (Islamic Rep. of)	2012	142,127	129	..	56,476	-2,521	88,173	1,158
	2013	140,613	129	..	50,916	-701	90,398	1,172
	2014	139,707	131	..	53,405	-765	87,066	1,114
	2015	139,415	132	..	56,230	164	83,021	1,049
Iraq	2012	144,902	107	..	119,328	0	25,574	776
	2013	146,340	106	..	117,466	557	28,317	830
	2014	152,906	125	..	123,677	2,179	27,050	767
	2015	171,889	112	..	147,539	-2,287	26,637	731
Israel	2012	12	23	11,127	..	385	10,754	1,398
	2013	64	4	10,879	..	-308	11,251	1,439
	2014	82	24	11,157	..	16	11,223	1,414
	2015	76	26	11,718	..	126	11,668	1,447

Table 13

Production, trade and supply of conventional crude oil

Thousand metric tons; kilograms per capita; reserves/production ratio (R/P) in years

Country or area	Year	Production		Imports	Exports	Changes in stocks	Supply	
		Total	Reserves/ Production				Total	Per Capita
Japan	2012	240	14	170,309	..	-559	171,108	1,346
	2013	226	16	168,028	..	652	167,602	1,320
	2014	224	8	158,705	..	-2,575	161,504	1,274
	2015	205	9	158,627	..	-636	159,468	1,260
Jordan	2012	1	125	3,626	..	-22	3,650	522
	2013	1	166	3,141	..	-41	3,183	441
	2014	1	357	3,225	..	46	3,179	429
	2015	0	548	3,432	..	87	3,346	441
Kazakhstan	2012	66,475	52	5,919	*57,943	87	14,364	854
	2013	69,483	50	7,494	58,078	-65	18,964	1,109
	2014	67,908	49	969	53,879	-411	15,409	887
	2015	79,457	43	74	63,581	-419	16,369	929
Korea, Dem.Ppl's.Rep.	2012	..	..	525	..	..	525	21
	2013	..	..	580	..	..	580	23
	2014	..	..	532	..	..	532	21
	2015	..	..	532	..	..	532	21
Korea, Republic of	2012	36	..	128,275	..	938	127,373	2,568
	2013	39	..	122,580	..	-1,072	123,691	2,481
	2014	27	..	125,058	..	575	124,510	2,487
	2015	16	..	138,751	..	1,302	137,465	2,733
Kuwait	2012	148,833	89	..	101,296	..	47,537	13,901
	2013	148,110	90	..	102,646	..	45,464	12,651
	2014	145,319	92	..	101,123	..	44,196	11,776
	2015	144,908	92	..	99,554	..	45,354	11,653
Kyrgyzstan	2012	79	63	6	0	6	79	14
	2013	84	60	0	1	-2	85	15
	2014	82	61	60	0	-2	144	25
	2015	107	47	224	0	8	323	54
Malaysia	2012	28,133	18	9,658	11,584	-934	27,141	935
	2013	27,612	19	8,794	10,421	-509	26,494	899
	2014	28,549	16	9,450	11,432	480	26,087	872
	2015	31,347	14	8,097	15,533	-55	23,966	790
Mongolia	2012	430	5	..	422	8	0	0
	2013	607	3	..	621	-14	0	0
	2014	876	40	..	815	62	0	0
	2015	1,038	34	..	963	75	0	0
Myanmar	2012	849	8	..	140	28	682	13
	2013	838	8	..	236	3	599	11
	2014	801	4	..	241	-14	575	11
	2015	642	5	..	94	0	548	10
Oman	2012	45,067	17	..	37,507	..	7,560	2,132
	2013	46,148	16	..	40,497	..	5,651	1,446
	2014	46,228	15	..	39,221	..	7,007	1,654
	2015	48,921	15	..	42,090	..	6,831	1,521
Other Asia	2012	10	27	46,215	..	-461	46,686	2,003
	2013	9	30	43,716	..	-479	44,204	1,894
	2014	8	4	45,066	..	821	44,253	1,894
	2015	8	4	43,931	..	224	43,715	1,870
Pakistan	2012	3,735	10	6,966	..	0	10,701	60
	2013	4,237	9	7,009	67	0	11,179	62
	2014	4,627	10	*8,332	474	0	*12,485	*67
	2015	4,246	11	*8,409	308	0	*12,347	*65

Table 13

Production, trade and supply of conventional crude oil

Thousand metric tons; kilograms per capita; reserves/production ratio (R/P) in years

Country or area	Year	Production		Imports	Exports	Changes in stocks	Supply	
		Total	Reserves/ Production				Total	Per Capita
Philippines	2012	224	27	8,683	191	-110	8,826	92
	2013	257	28	7,676	190	52	7,692	79
	2014	421	18	8,861	387	548	8,346	84
	2015	329	22	10,644	334	36	10,603	105
Qatar	2012	35,797	46	..	31,767	..	4,030	1,999
	2013	35,226	46	..	29,133	..	6,093	2,900
	2014	34,508	36	..	30,614	..	3,894	1,793
	2015	31,915	38	..	28,216	..	3,699	1,655
Saudi Arabia	2012	487,969	66	..	370,327	-4,924	122,566	4,155
	2013	480,352	68	..	375,945	-1,540	105,947	3,508
	2014	484,110	68	..	353,920	-2,844	133,034	4,307
	2015	508,238	64	..	357,172	2,288	148,778	4,717
Singapore	2012	..	..	49,915	0	..	49,915	9,419
	2013	..	..	46,441	0	..	46,441	8,592
	2014	..	..	46,666	0	..	46,666	8,475
	2015	..	..	47,598	61	..	47,537	8,483
Sri Lanka	2012	..	..	1,626	..	0	1,626	80
	2013	..	..	1,743	..	0	1,743	85
	2014	..	..	1,824	..	0	1,824	88
	2015	..	..	1,677	..	-15	1,692	82
Syrian Arab Republic	2012	8,253	39	0	..	..	8,253	413
	2013	2,544	125	2,913	..	..	5,457	282
	2014	1,300	244	4,157	..	..	5,457	291
	2015	1,074	296	4,383	..	..	5,457	295
Tajikistan	2012	30	67	..	0	..	30	4
	2013	27	74	..	4	..	23	3
	2014	25	80	..	..	..	25	3
	2015	25	80	..	..	..	25	3
Thailand	2012	7,430	6	43,003	2,052	*-139	48,520	722
	2013	7,455	6	42,054	1,359	-4,160	52,310	776
	2014	6,909	4	40,129	334	-4,231	50,935	752
	2015	7,600	4	43,644	39	-4,842	56,047	825
Timor-Leste	2012	3,965	..	..	*3,965	..	0	0
	2013	3,958	..	..	*3,958	..	0	0
	2014	3,347	18	..	*3,347	..	0	0
	2015	*3,461	17	..	*3,461	..	0	0
Turkey	2012	2,338	18	19,488	..	277	21,549	288
	2013	2,399	18	18,556	..	84	20,871	274
	2014	2,465	19	17,480	..	80	19,865	256
	2015	2,516	18	25,067	..	890	26,693	339
Turkmenistan	2012	10,903	7	..	3,100	..	7,803	1,508
	2013	11,651	7	..	3,600	..	8,051	1,536
	2014	11,800	6	..	3,200	..	8,600	1,620
	2015	12,050	6	..	3,450	..	8,600	1,600
United Arab Emirates	2012	132,469	84	..	126,477	..	5,992	669
	2013	139,278	81	..	134,497	..	4,781	529
	2014	139,113	77	..	127,327	..	11,786	1,297
	2015	148,838	73	..	124,538	..	24,300	2,654
Uzbekistan	2012	3,165	26	..	..	..	3,165	111
	2013	2,997	27	..	..	..	2,997	103
	2014	2,821	29	..	..	..	2,821	96
	2015	2,736	30	..	..	..	2,736	92

Production, trade and supply of conventional crude oil

Thousand metric tons; kilograms per capita; reserves/production ratio (R/P) in years

Country or area	Year	Production		Imports	Exports	Changes in stocks	Supply	
		Total	Reserves/ Production				Total	Per Capita
Viet Nam	2012	16,739	35	728	9,458	*1,314	6,695	74
	2013	16,705	35	1,312	8,568	*1,517	7,932	87
	2014	17,392	34	704	9,306	*1,009	7,781	84
	2015	18,746	32	182	9,222	*1,100	8,606	92
Yemen	2012	7,396	51	..	5,881	..	1,515	61
	2013	8,283	45	..	4,960	..	3,323	130
	2014	6,953	54	..	4,028	..	2,925	112
	2015	1,413	269	..	430	..	983	37
Europe	2012	651,051	15	585,249	341,554	1,511	893,235	1,212
	2013	642,948	15	557,177	335,654	3,257	861,213	1,168
	2014	648,697	23	552,665	324,253	4,023	873,086	1,183
	2015	662,215	23	586,093	348,523	6,076	893,709	1,207
Albania	2012	1,031	29	..	920	..	111	38
	2013	1,207	25	..	1,167	..	40	14
	2014	1,368	19	..	1,007	..	361	125
	2015	1,279	20	..	987	16	276	95
Austria	2012	839	8	7,473	..	-37	8,349	987
	2013	843	8	7,778	..	55	8,566	1,009
	2014	953	7	7,510	..	28	8,435	990
	2015	854	8	8,079	..	52	8,881	1,039
Belarus	2012	1,660	16	21,669	1,645	10	21,674	2,284
	2013	1,645	16	21,261	1,619	105	21,182	2,230
	2014	1,645	16	22,508	1,617	220	22,316	2,349
	2015	1,645	16	22,919	1,615	-80	23,029	2,425
Belgium	2012	..	..	31,569	..	-80	31,649	2,857
	2013	..	..	27,618	..	-9	27,627	2,477
	2014	..	..	32,188	..	67	32,121	2,861
	2015	..	..	32,080	..	19	32,061	2,837
Bosnia and Herzegovina	2012	..	..	1,006	..	0	1,006	263
	2013	..	..	1,017	..	59	958	251
	2014	..	..	934	..	-56	990	259
	2015	..	..	916	..	2	914	240
Bulgaria	2012	24	6,667	5,885	..	15	5,894	807
	2013	28	5,714	5,641	..	46	5,623	775
	2014	26	77	5,103	..	-25	5,154	716
	2015	25	80	6,068	..	56	6,037	844
Croatia	2012	549	17	2,325	..	-184	3,058	713
	2013	536	17	2,462	..	30	2,968	695
	2014	541	12	1,851	..	3	2,389	561
	2015	619	10	2,328	..	84	2,863	675
Czechia	2012	156	11	7,074	21	-38	7,247	687
	2013	154	11	6,552	25	17	6,664	632
	2014	150	13	7,371	27	18	7,476	709
	2015	128	16	7,132	28	16	7,216	684
Denmark	2012	9,980	11	3,717	6,059	135	7,503	1,340
	2013	8,683	13	4,670	6,165	32	7,156	1,272
	2014	8,131	9	3,458	4,799	-127	6,917	1,225
	2015	7,690	10	4,165	4,524	74	7,257	1,280
Finland	2012	..	..	10,821	..	98	10,723	1,977
	2013	..	..	11,154	..	83	11,071	2,030
	2014	..	..	11,267	..	-82	11,349	2,071
	2015	..	..	10,073	..	435	9,638	1,751

Table 13

Production, trade and supply of conventional crude oil

Thousand metric tons; kilograms per capita; reserves/production ratio (R/P) in years

Country or area	Year	Production		Imports	Exports	Changes in stocks	Supply	
		Total	Reserves/ Production				Total	Per Capita
France	2012	807	17	56,568	183	405	56,787	893
	2013	793	17	55,484	68	594	55,615	871
	2014	766	14	53,583	20	-318	54,647	852
	2015	835	13	56,742	40	114	57,423	865
Germany	2012	2,602	8	93,421	194	1,321	94,508	1,174
	2013	2,636	8	90,567	34	343	92,826	1,152
	2014	2,435	13	89,397	30	211	91,591	1,136
	2015	2,414	13	91,275	333	-280	93,636	1,160
Greece	2012	94	11	20,953	258	242	20,547	1,849
	2013	70	14	19,434	145	-497	19,856	1,796
	2014	64	16	20,826	59	140	20,691	1,881
	2015	62	16	22,085	80	383	21,684	1,979
Hungary	2012	649	5	5,449	0	-16	6,114	614
	2013	599	6	5,377	61	-53	5,968	601
	2014	584	5	6,058	10	102	6,530	660
	2015	623	5	6,211	96	261	6,477	657
Ireland	2012	..	..	2,939	0	-129	3,068	657
	2013	..	..	2,933	0	95	2,838	608
	2014	..	..	2,701	0	-51	2,752	589
	2015	..	..	3,642	0	276	3,366	718
Italy	2012	5,397	14	68,826	881	-297	73,639	1,232
	2013	5,502	14	58,357	522	652	62,685	1,048
	2014	5,765	14	53,843	358	269	58,981	986
	2015	5,470	15	62,457	709	223	66,995	1,120
Lithuania	2012	102	20	8,512	79	2	8,533	2,829
	2013	86	23	8,962	67	-31	9,012	3,041
	2014	82	12	7,467	63	-11	7,497	2,570
	2015	75	13	8,491	50	29	8,487	2,949
Netherlands	2012	1,111	27	50,040	506	298	50,347	3,006
	2013	1,122	26	47,184	544	55	47,707	2,838
	2014	1,525	16	47,480	614	-1,388	49,779	2,951
	2015	1,396	17	52,237	292	554	52,787	3,119
Norway	2012	78,453	8	1,369	65,256	102	14,464	2,882
	2013	74,380	9	1,816	60,702	56	15,438	3,037
	2014	75,691	12	1,221	64,072	-301	13,141	2,553
	2015	78,066	11	1,151	64,962	430	13,825	2,653
Poland	2012	681	24	24,633	211	25	25,078	650
	2013	962	17	23,347	403	-297	24,203	627
	2014	951	16	23,713	420	112	24,132	625
	2015	928	16	26,492	254	1,057	26,109	676
Portugal	2012	..	..	11,058	..	4	11,054	1,051
	2013	..	..	12,209	..	297	11,912	1,139
	2014	..	..	10,543	..	-249	10,792	1,037
	2015	..	..	13,969	..	122	13,847	1,338
Republic of Moldova	2012	11	..	0	..	0	11	3
	2013	10	..	1	..	0	11	3
	2014	8	..	0	..	-1	9	2
	2015	7	..	0	..	0	7	2
Romania	2012	3,860	14	5,128	49	115	8,824	442
	2013	4,043	13	5,299	60	-125	9,407	475
	2014	3,963	20	6,727	51	321	10,318	525
	2015	3,902	20	6,596	49	67	10,382	532

Table 13

Production, trade and supply of conventional crude oil

Thousand metric tons; kilograms per capita; reserves/production ratio (R/P) in years

Country or area	Year	Production		Imports	Exports	Changes in stocks	Supply	
		Total	Reserves/ Production				Total	Per Capita
Russian Federation	2012	497,425	16	..	236,716	-494	261,203	1,823
	2013	497,483	16	..	233,686	1,442	262,355	1,830
	2014	503,092	27	756	222,846	4,656	276,346	1,927
	2015	510,230	26	2,862	244,521	2,262	266,309	1,856
Serbia	2012	1,125	9	1,017	..	-1	2,143	239
	2013	1,160	9	1,608	..	20	2,748	307
	2014	1,108	6	1,435	..	-71	2,614	294
	2015	1,022	7	1,799	..	-117	2,938	332
Slovakia	2012	11	67	5,376	12	-24	5,399	997
	2013	10	77	5,861	10	70	5,791	1,069
	2014	9	83	5,288	9	68	5,220	963
	2015	10	83	5,902	10	-28	5,930	1,093
Spain	2012	142	141	58,807	..	-296	59,245	1,270
	2013	368	54	57,871	..	85	58,154	1,252
	2014	305	62	59,054	..	330	59,029	1,276
	2015	232	82	64,628	..	-73	64,933	1,408
Sweden	2012	..	..	20,673	29	-147	20,791	2,179
	2013	..	..	16,770	0	276	16,494	1,714
	2014	..	..	18,733	0	-106	18,839	1,942
	2015	..	..	20,110	..	137	19,973	2,042
Switzerland	2012	..	..	3,397	..	2	3,395	421
	2013	..	..	4,850	..	4	4,846	594
	2014	..	..	4,900	..	11	4,889	593
	2015	..	..	2,785	..	-19	2,804	336
T.F.Yug.Rep. Macedonia	2012	..	..	259	..	0	260	125
	2013	..	..	52	..	-8	60	29
	2014	..	..	0	7	-7	0	0
	2015	..	..	0	0	0	0	0
Ukraine	2012	2,290	16	1,522	0	-78	3,890	86
	2013	2,172	18	729	0	1	2,900	64
	2014	2,061	20	179	41	92	2,107	47
	2015	1,877	21	227	8	-23	2,119	47
United Kingdom	2012	42,052	9	53,763	28,535	558	66,722	1,050
	2013	38,456	9	50,313	30,376	-140	58,533	915
	2014	37,474	9	46,571	28,203	168	55,674	865
	2015	42,826	8	42,672	29,965	27	55,506	858
Oceania	2012	22,332	20	29,713	15,531	-239	36,753	977
	2013	19,517	22	29,722	13,973	-42	35,308	925
	2014	18,685	23	27,905	13,558	35	32,997	851
	2015	18,042	24	25,309	13,905	-253	29,699	755
Australia	2012	19,731	21	23,340	13,021	-136	30,186	1,318
	2013	17,114	24	23,348	11,715	-50	28,797	1,237
	2014	16,111	24	21,835	11,099	-60	26,907	1,139
	2015	15,382	26	19,076	11,404	-207	23,261	970
New Zealand	2012	1,853	10	5,273	1,763	-147	5,510	1,242
	2013	1,592	11	5,172	1,464	69	5,231	1,171
	2014	1,770	9	4,959	1,679	24	5,026	1,118
	2015	1,856	8	5,122	1,721	-141	5,398	1,192
Papua New Guinea	2012	748	16	1,100	747	44	1,057	148
	2013	811	15	1,202	794	-61	1,280	175
	2014	804	30	1,111	780	71	1,064	143
	2015	*804	30	*1,111	*780	*95	*1,040	*137

Table 14

Production of additives and other hydrocarbons

Thousand metric tons

Table Notes

Additives production refers to any quantities of additives (as per the definition in page x) which come from non-energy sources, such as Tetraethyllead (TEL) or detergents.

Additives from other sources refers to quantities of additives (as per the definition in page x) already accounted for in energy statistics, such as oxygenates from a biomass or hydrocarbon origin.

Other hydrocarbons production refers to quantities of other hydrocarbons which are oils obtained by non-conventional production techniques and are primary for the purposes of energy statistics.

Other hydrocarbons from other sources refers to the oils extracted from extra heavy oils, oil sands, coal and oil shale whose production has been already accounted for in energy statistics, together with the output of GTL plants.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/classification, and xvi to xvii for the descriptions of relevant flows.

Figure 41: Major additives producing countries, 2015

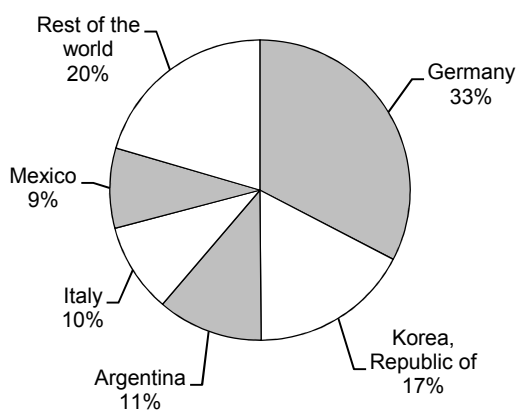
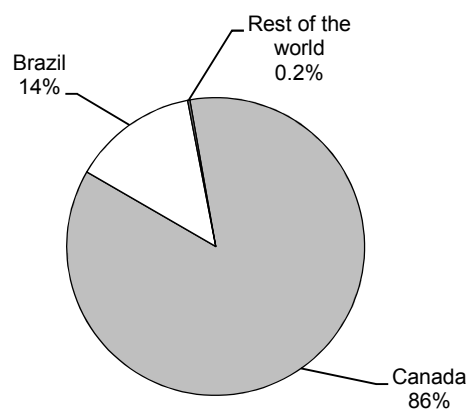


Figure 42: Major other hydrocarbons producing countries, 2015



Production of additives and other hydrocarbons

Thousand metric tons

Country or area	Year	Additives Production (kt)	Additives From other sources (kt)	Other hydrocarbons Production (kt)	Other hydrocarbons From other sources (kt)
World	2012	3,884	2,983	59,249	18,371
	2013	3,689	2,959	60,352	20,729
	2014	3,691	2,888	61,591	22,601
	2015	3,723	2,749	61,882	23,145
Africa	2012	..	..	..	4,850
	2013	..	..	..	5,059
	2014	..	..	..	5,013
	2015	..	..	..	5,266
South Africa	2012	..	..	..	4,850
	2013	..	..	..	5,059
	2014	..	..	..	5,013
	2015	..	..	..	5,266
America, North	2012	407	2,788	49,582	5,945
	2013	364	2,747	51,076	6,224
	2014	397	2,667	52,496	6,473
	2015	321	2,516	53,296	6,443
Canada	2012	..	..	49,582	2,359
	2013	..	..	51,076	2,237
	2014	..	..	52,496	2,296
	2015	..	..	53,296	2,432
Mexico	2012	407	..	..	63
	2013	364	..	..	163
	2014	397	..	..	251
	2015	321	..	..	62
United States	2012	..	2,788	..	3,523
	2013	..	2,747	..	3,824
	2014	..	2,667	..	3,926
	2015	..	2,516	..	3,949
America, South	2012	431	..	9,442	..
	2013	414	..	9,102	..
	2014	369	..	8,914	..
	2015	423	..	8,442	..
Argentina	2012	393	..	..	..
	2013	379	..	..	..
	2014	369	..	..	..
	2015	423	..	..	..
Brazil	2012	..	..	9,442	..
	2013	..	..	9,102	..
	2014	..	..	8,914	..
	2015	..	..	8,442	..
Colombia	2012	38	..	..	..
	2013	35	..	..	..
	2014	..	..	..	..
	2015	..	..	..	..
Asia	2012	681	1	157	5,914
	2013	565	1	149	7,464
	2014	755	1	140	9,100
	2015	642	1	136	9,106
China	2012	..	..	..	*1,474
	2013	..	..	..	*1,767
	2014	..	..	..	2,536
	2015	..	..	..	2,494

Table 14

Production of additives and other hydrocarbons

Thousand metric tons

Country or area	Year	Additives Production (kt)	Additives From other sources (kt)	Other hydrocarbons Production (kt)	Other hydrocarbons From other sources (kt)
China, Macao SAR	2012	..	1	..	..
	2013	..	1	..	..
	2014	..	1	..	..
	2015	..	1	..	..
Korea, Republic of	2012	681	..	..	..
	2013	565	..	..	..
	2014	755	..	..	..
	2015	642	..	..	..
Malaysia	2012	..	..	..	467
	2013	..	..	..	459
	2014	..	..	..	460
	2015	..	..	..	407
Qatar	2012	..	..	..	3,973
	2013	..	..	..	5,060
	2014	..	..	..	5,902
	2015	..	..	..	5,788
Turkey	2012	..	..	..	0
	2013	..	..	..	178
	2014	..	..	..	202
	2015	..	..	..	417
Uzbekistan	2012	..	..	157	..
	2013	..	..	149	..
	2014	..	..	140	..
	2015	..	..	136	..
Europe	2012	2,365	194	68	1,647
	2013	2,346	211	25	1,889
	2014	2,170	220	41	1,921
	2015	2,337	232	8	2,249
Bulgaria	2012	..	..	..	27
	2013	..	..	..	28
	2014	..	..	..	28
	2015	..	..	..	99
Croatia	2012	..	..	..	145
	2013	..	..	..	58
	2014	..	..	..	61
	2015	..	..	..	60
Czechia	2012	165	6	..	..
	2013	106	2	..	..
	2014	115	3	..	..
	2015	81	7	..	..
Estonia	2012	..	..	..	599
	2013	..	..	..	624
	2014	..	..	..	697
	2015	..	..	..	854
Finland	2012	70	..	..	196
	2013	70	..	..	235
	2014	65	..	..	179
	2015	70	..	..	210
France	2012	188	..	..	..
	2013	267	..	..	..
	2014	282	..	..	..
	2015	228	..	..	..

Production of additives and other hydrocarbons

Thousand metric tons

Country or area	Year	Additives Production (kt)	Additives From other sources (kt)	Other hydrocarbons Production (kt)	Other hydrocarbons From other sources (kt)
Germany	2012	1,193	..	..	..
	2013	1,137	..	..	..
	2014	1,061	..	..	..
	2015	1,215	..	..	..
Hungary	2012	..	0	68	34
	2013	..	4	0	34
	2014	..	0	4	36
	2015	..	0	6	37
Ireland	2012	..	..	..	53
	2013	..	..	..	50
	2014	..	..	..	49
	2015	..	..	..	39
Italy	2012	389	..	..	..
	2013	411	..	..	..
	2014	365	..	..	..
	2015	360	..	..	..
Netherlands	2012	175	..	..	..
	2013	165	..	..	..
	2014	138	..	..	..
	2015	198	..	..	..
Norway	2012	113	..	..	..
	2013	90	..	..	..
	2014	59	..	..	..
	2015	74	..	..	..
Poland	2012	10	..	..	401
	2013	1	..	..	538
	2014	0	..	..	542
	2015	1	..	..	628
Portugal	2012	..	..	..	16
	2013	..	..	..	76
	2014	..	..	..	72
	2015	..	..	..	70
Romania	2012	..	21	..	49
	2013	..	..	..	65
	2014	10	..	..	79
	2015	25	..	..	77
Serbia	2012	5	..	..	..
	2013	15	..	..	28
	2014	8	..	..	27
	2015	10	..	..	26
Slovakia	2012	..	167	..	127
	2013	..	205	..	153
	2014	..	217	..	151
	2015	..	225	..	149
Ukraine	2012	57	..	..	..
	2013	84	..	..	..
	2014	67	..	..	..
	2015	75	..	..	..
United Kingdom	2012	..	..	..	..
	2013	..	..	25	..
	2014	..	..	37	..
	2015	..	..	2	..

Table 14**Production of additives and other hydrocarbons**

Thousand metric tons

Country or area	Year	Additives Production (kt)	Additives From other sources (kt)	Other hydrocarbons Production (kt)	Other hydrocarbons From other sources (kt)
Oceania	2012	..	..	..	15
	2013	..	..	..	93
	2014	..	..	..	94
	2015	..	..	..	81
Australia	2012	..	..	..	15
	2013	..	..	..	93
	2014	..	..	..	94
	2015	..	..	..	81

Table 15

**International trade of conventional crude oil
(Principal importers/exporters)**

Thousand metric tons

2014

Importers	Exporters							
	World	Angola	Azerbaijan	Canada	Colombia	Iran (Islamic Rep. of)	Iraq	Kazakhstan
Australia	21,835	..	91	..	..	..	..	..
Bahrain	10,385	..	..	..	..	..	..	..
Belarus	22,508	..	..	..	..	..	..	..
Belgium	32,188	..	31	..	82	..	16	404
Brazil	17,960	1,302	..	..	424	..	1,551	..
Canada	38,468	1,301	516	..	245	..	2,044	271
Chile	8,701	509	..	400	132	..	..	..
China	308,374	40,648	222	202	*8,073	*24,167	28,578	5,686
Finland	11,267	..	..	..	..	..	..	505
France	53,583	3,025	2,297	95	79	..	1,374	6,566
Germany	89,397	197	4,033	..	904	..	808	6,536
Greece	20,826	..	673	..	79	..	7,669	4,126
India	189,432	7,244	499	..	*4,214	*11,922	22,794	943
Indonesia	16,186	255	3,033	..	..	..	..	..
Italy	53,843	1,832	9,158	1,994	1,242	446	6,371	4,464
Japan	158,705	556	..	..	554	*5,515	2,091	139
Korea, Republic of	125,058	..	..	57	610	*6,095	9,692	435
Netherlands	47,480	1,661	..	..	752	..	3,191	69
Philippines	8,861	..	..	..	..	..	..	..
Poland	23,713	..	..	..	..	..	..	1,705
Portugal	10,543	2,788	885	..	..	..	274	1,088
Singapore	46,666	132	..	43	203	..	3,196	..
South Africa	20,532	2,614	..	..	274	..	584	..
Spain	59,054	5,135	1,235	246	*3,146	..	1,718	*161
Sweden	18,733	73	..	..	..	..	144	..
Thailand	40,129	413	1,525	..	64	..	36	..
Turkey	17,480	..	..	..	555	5,194	5,483	1,526
United Kingdom	46,571	881	..	696	..	..	..	24
United States	362,247	6,420	1,190	104,525	*10,458	..	16,959	..

**International trade of conventional crude oil
(Principal importers/exporters)**

Thousand metric tons

2014

Exporters									
Kuwait	Mexico	Nigeria	Norway	Qatar	Russian Federation	Saudi Arabia	United Arab Emirates	United Kingdom	Venezuela (Bolivar. Rep.)
..	..	1,728	..	..	1,334	..	2,686	..	..
..	..	..	..	..	..	*10,385	..	..	..
..	..	..	..	..	22,508	..	..	..	..
..	..	200	258	..	2,549	..	..	422	653
145	..	10,301	..	..	..	3,461	..	..	0
..	823	435	1,549	..	0	2,770	..	275	0
..	..	..	..	..	..	..	..	276	..
10,619	682	1,996	..	361	33,108	49,667	11,652	1,219	13,786
..	..	..	1,428	..	8,665	..	..	237	..
208	243	6,186	1,934	..	5,659	11,485	274	1,227	..
213	386	6,357	10,270	..	27,189	1,426	..	7,706	..
..	..	..	..	..	3,776	2,107	..	..	..
18,327	5,214	18,343	..	*3,383	202	35,431	15,012	..	21,599
..	..	3,856	..	..	81	5,378	..	..	..
211	515	1,382	901	..	8,582	5,879	..	165	..
12,794	281	177	50	*7,926	13,468	56,661	40,179	..	375
19,514	..	96	..	*9,438	*4,577	*39,056	14,498	3,273	..
3,275	..	6,036	*10,229	..	11,118	4,855	..	7,150	..
..	..	..	..	750	1,165	4,275	895	..	..
..	..	..	517	..	21,207	..	..	74	..
..	..	1,013	82	..	262	1,321	..	..	..
2,906	..	..	..	*6,275	1,278	9,350	12,549	..	..
153	..	6,658	..	202	..	8,120	924	273	..
..	*8,559	9,854	1,035	..	4,455	7,155	..	2,279	2,885
..	..	2,242	3,174	..	8,576	..	..	1,970	1,183
179	..	1,019	..	2,244	3,092	7,276	13,350	138	..
..	..	1,721	..	..	608	2,014	..	..	..
..	..	5,170	22,505	..	2,961	1,568	..	..	499
13,869	34,313	3,315	584	..	945	56,247	..	508	32,239

Table 15

**International trade of conventional crude oil
(Principal importers/exporters)**

Thousand metric tons

2015

Importers	Exporters							
	World	Angola	Azerbaijan	Canada	Colombia	Iran (Islamic Rep. of)	Iraq	Kazakhstan
Australia	19,076	..	..	..	..	..	..	..
Bahrain	10,753	..	..	..	..	..	..	..
Belarus	22,919	..	..	..	..	..	..	..
Belgium	32,080	..	..	..	..	..	100	318
Brazil	15,273	..	..	..	..	..	1,144	..
Canada	44,743	678	452	..	135	..	..	100
Chile	8,297	137	..	..	..	..	..	..
China	335,483	38,694	284	124	8,867	26,615	32,105	4,991
Finland	10,073	..	..	..	..	..	..	373
France	56,742	4,175	3,007	..	89	..	2,452	7,614
Germany	91,275	161	5,471	..	540	..	1,504	6,141
Greece	22,085	..	508	..	..	..	10,024	3,744
India	202,850	7,623	139	..	1,148	11,423	32,345	543
Indonesia	18,431	1,566	2,789	..	..	..	..	..
Italy	62,457	2,792	11,189	..	577	0	11,618	5,381
Japan	158,627	513	..	..	1,343	4,179	1,262	581
Korea, Republic of	138,751	273	..	..	288	5,706	17,845	132
Netherlands	52,237	*1,700	..	..	163	..	5,190	242
Philippines	10,644	..	..	..	..	..	..	..
Poland	26,492	..	..	..	..	..	1,931	1,797
Portugal	13,969	3,274	1,234	..	..	..	290	1,352
Singapore	47,598	..	..	..	56	..	2,578	61
South Africa	20,414	2,970	..	..	..	..	238	..
Spain	64,628	5,832	1,057	494	3,380	..	3,906	2,722
Sweden	20,110	..	..	..	..	..	..	..
Thailand	43,644	330	865	..	41	..	..	..
Turkey	25,067	..	..	..	862	5,588	11,412	659
United Kingdom	42,672	2,441	..	494	..	..	..	..
United States	363,163	6,298	803	*130,660	19,154	..	11,554	..

**International trade of conventional crude oil
(Principal importers/exporters)**

Thousand metric tons

2015

Exporters									
Kuwait	Mexico	Nigeria	Norway	Qatar	Russian Federation	Saudi Arabia	United Arab Emirates	United Kingdom	Venezuela (Bolivar. Rep.)
..	..	588	..	..	330	..	3,125	..	..
..	..	..	..	..	..	*10,753	..	..	..
..	..	..	..	..	22,919	..	..	..	..
..	63	..	613	..	2,434	..	..	274	263
..	..	8,475	..	..	..	3,677	32	..	..
..	*1,000	1,048	1,003	..	..	1,978	..	59	..
..
14,426	812	659	..	267	42,434	50,555	12,565	1,973	16,008
..	..	..	624	..	9,038	..	..	..	..
413	1,338	6,649	3,231	..	4,929	10,429	530	931	..
144	412	4,640	12,455	..	29,245	1,291	..	8,566	206
..	..	..	..	..	3,459	2,211	..	..	..
12,581	6,333	21,144	..	3,697	145	38,433	15,242	..	22,398
..	..	2,929	..	..	..	4,901	..	..	..
186	613	1,926	263	..	8,046	5,508	..	248	..
6,547	2,002	..	..	7,232	7,809	*55,000	22,869	..	204
19,800	..	239	..	*9,345	8,308	41,719	13,345	3,293	..
5,715	..	7,761	*9,590	..	17,354	2,087	271	5,925	22
2,020	..	..	..	768	642	4,831	1,009	..	34
..	..	..	340	..	21,828	208	..	..	..
..	..	264	..	..	743	1,953	..	..	..
5,407	..	..	..	*4,088	908	9,722	11,155	..	..
743	..	11,032	..	549	..	4,117	911	..	..
..	8,750	10,408	1,145	..	4,111	6,680	..	3,865	3,268
..	..	1,957	4,948	..	8,372	..	..	1,454	1,279
..	..	221	..	*2,200	2,051	8,975	15,111	184	..
..	..	530	..	..	3,101	2,380	..	..	..
..	..	5,175	21,921	..	2,836	1,721	..	..	447
10,640	34,714	3,191	440	..	1,812	53,892	82	567	39,576

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Table Notes

Output is equal to the sum of “production from refineries” for aviation gasoline, bitumen, gas/diesel oil, ethane, feedstocks, gasoline-type jet fuel, kerosene-type jet fuel, other kerosene, liquefied petroleum gas, lubricants, motor gasoline, naphtha, petroleum coke, other oil products, paraffin waxes, fuel oil, refinery gas and white spirits.

Throughput is equal to the sum of “transformation in refineries” for conventional crude oil, feedstocks, other hydrocarbons, additives and oxygenates, and natural gas liquids.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/ classification, and xvi to xvii for the descriptions of relevant flows.

Figure 43: Refinery distillation capacity, throughput and output by region, 2015

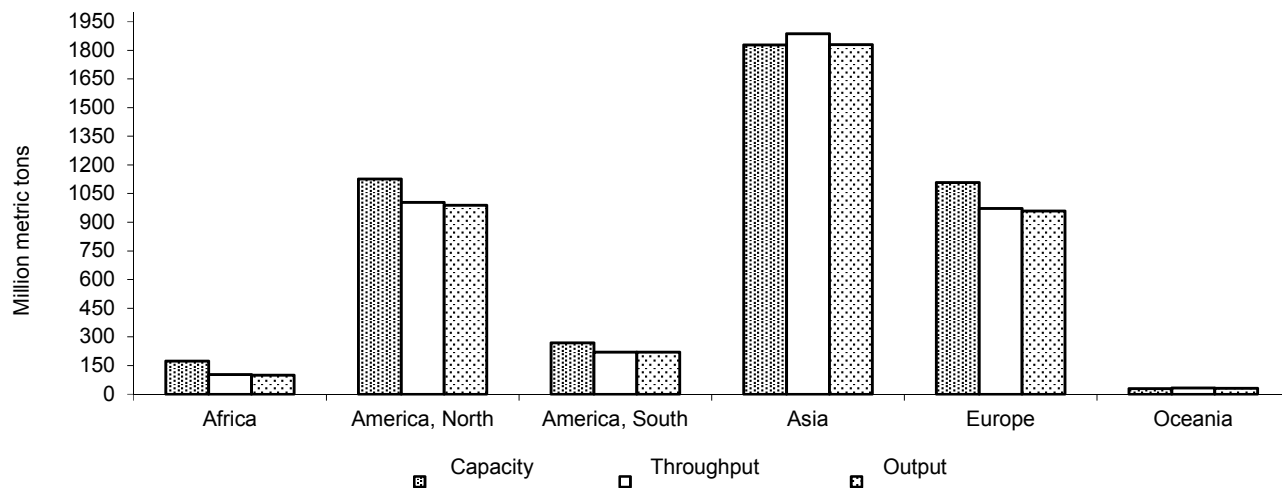


Figure 44: Total refinery distillation capacity by region, 1990-2015

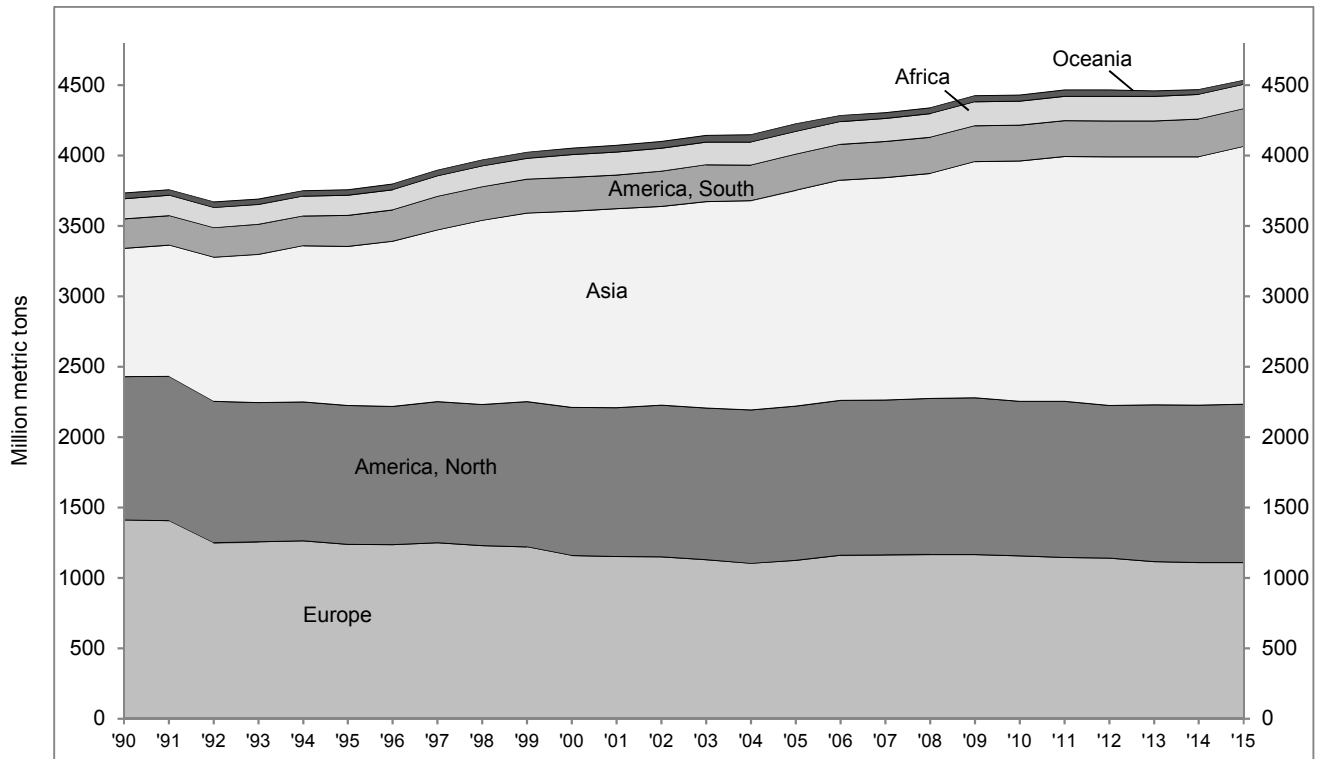


Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
World	2012	4,464,838	4,050,649	3,958,755
	2013	4,460,039	4,059,816	3,980,469
	2014	4,468,775	4,129,535	4,036,486
	2015	4,534,913	4,216,267	4,128,148
Africa	2012	174,754	110,542	107,183
	2013	174,777	111,945	107,327
	2014	176,474	110,729	107,525
	2015	173,266	102,684	99,617
Algeria	2012	32,459	23,710	23,007
	2013	32,459	24,326	23,978
	2014	32,459	31,108	31,033
	2015	32,459	29,903	29,713
Angola	2012	2,750	2,062	1,963
	2013	2,750	2,268	2,187
	2014	2,750	2,310	2,235
	2015	2,843	2,058	2,049
Cameroon	2012	*2,244	1,726	1,740
	2013	*2,244	1,201	1,242
	2014	*2,993	1,688	1,713
	2015	*2,993	1,793	1,789
Congo	2012	1,047	870	711
	2013	1,047	915	775
	2014	1,047	870	791
	2015	1,047	828	754
Côte d'Ivoire	2012	3,192	3,448	3,226
	2013	3,192	3,336	3,290
	2014	3,192	3,201	3,112
	2015	3,192	3,267	3,172
Egypt	2012	36,222	27,230	26,892
	2013	36,222	25,598	23,969
	2014	36,222	26,414	25,268
	2015	38,040	26,087	25,595
Gabon	2012	1,198	771	770
	2013	1,198	838	837
	2014	1,198	815	814
	2015	1,197	802	801
Ghana	2012	2,244	524	474
	2013	2,244	438	424
	2014	2,244	120	129
	2015	2,244	104	89
Kenya	2012	4,488	969	968
	2013	4,488	627	597
	2014	4,488	0	0
	2015	0	0	0
Libya	2012	18,852	8,612	8,362
	2013	18,852	10,794	10,479
	2014	18,853	4,940	4,797
	2015	18,953	4,368	4,239
Mauritania	2012	948	..	..
	2013	948	..	..
	2014	998	..	..
	2015	998	..	..

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Morocco	2012	10,000	7,715	7,494
	2013	10,000	7,237	7,080
	2014	10,000	6,729	6,581
	2015	10,000	3,195	3,127
Niger	2012	*1,200	608	545
	2013	*1,200	885	808
	2014	*1,200	818	725
	2015	*1,200	742	637
Nigeria	2012	22,195	4,953	5,011
	2013	22,195	5,195	5,168
	2014	22,195	3,470	3,477
	2015	22,195	1,708	1,607
Senegal	2012	1,248	778	768
	2013	1,248	862	764
	2014	1,248	840	784
	2015	1,248	894	835
Sierra Leone	2012	498	..	..
	2013	498	..	..
	2014	498	..	..
	2015	499	..	..
South Africa	2012	24,167	20,159	19,002
	2013	24,190	21,128	19,767
	2014	25,087	20,842	19,701
	2015	25,087	20,724	19,039
Sudan	2012	6,074	4,008	3,905
	2013	6,074	3,978	3,734
	2014	6,074	4,212	4,065
	2015	6,074	4,273	4,261
Tunisia	2012	1,800	1,743	1,728
	2013	1,800	1,692	1,640
	2014	1,800	1,651	1,641
	2015	1,800	1,315	1,305
United Rep. of Tanzania	2012	743	..	..
	2013	743	..	..
	2014	743	..	..
	2015	..	..	..
Zambia	2012	1,185	655	616
	2013	1,185	627	589
	2014	1,185	701	659
	2015	1,197	623	605
America, North	2012	1,085,466	978,558	971,409
	2013	1,112,250	990,466	982,912
	2014	1,117,524	1,008,780	991,495
	2015	1,126,738	1,004,169	988,383
Aruba	2012	11,463	*2,580	*2,440
	2013	*11,463	0	0
	2014	*11,463	0	0
	2015	*11,463	0	0
Canada	2012	95,249	93,313	92,633
	2013	97,594	91,161	91,037
	2014	100,125	91,711	85,991
	2015	100,125	91,732	87,571

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Cuba	2012	6,135	5,145	5,107
	2013	6,135	5,056	5,138
	2014	6,135	5,001	4,877
	2015	*6,135	5,181	4,526
Curaçao	2012	15,971	9,105	8,619
	2013	15,971	9,314	9,044
	2014	15,971	9,952	9,574
	2015	15,960	9,481	9,062
Dominican Republic	2012	1,721	1,234	1,163
	2013	1,721	1,367	1,295
	2014	1,721	1,351	1,278
	2015	1,721	810	764
El Salvador	2012	1,097	582	575
	2013	1,097	0	0
	2014	1,097	0	0
	2015	1,097	0	0
Guatemala	2012	748	72	71
	2013	748	60	59
	2014	748	73	72
	2015	748	64	66
Jamaica	2012	1,795	1,145	1,218
	2013	1,795	1,096	1,171
	2014	1,795	903	963
	2015	1,795	1,218	1,194
Martinique	2012	864	*908	*858
	2013	864	*908	*867
	2014	864	*953	*904
	2015	864	*950	*898
Mexico	2012	76,808	66,620	62,343
	2013	76,808	70,403	64,969
	2014	76,808	69,604	61,799
	2015	76,808	63,749	56,815
Nicaragua	2012	997	538	518
	2013	997	717	690
	2014	997	713	688
	2015	995	729	702
Trinidad and Tobago	2012	8,379	5,517	5,415
	2013	8,379	6,817	6,613
	2014	8,379	5,397	5,275
	2015	8,379	6,464	6,306
United States	2012	864,239	791,799	790,449
	2013	888,678	803,566	802,029
	2014	891,421	823,122	820,074
	2015	900,648	823,792	820,479
America, South	2012	254,491	233,882	234,412
	2013	254,676	232,000	231,386
	2014	266,590	237,771	236,705
	2015	268,124	220,550	219,223
Argentina	2012	31,472	31,223	31,128
	2013	31,472	30,377	28,044
	2014	30,483	30,557	30,072
	2015	31,621	31,205	30,665

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Bolivia (Plur. State of)	2012	3,708	2,527	2,451
	2013	3,584	2,510	2,435
	2014	*3,584	2,718	2,636
	2015	3,394	3,039	2,948
Brazil	2012	106,812	98,498	101,717
	2013	104,993	104,992	108,480
	2014	117,580	108,355	111,078
	2015	120,742	100,981	104,248
Chile	2012	11,312	10,398	9,022
	2013	11,312	10,373	9,378
	2014	11,628	10,361	9,617
	2015	11,628	10,085	9,685
Colombia	2012	15,328	15,328	15,840
	2013	17,456	14,533	14,997
	2014	*17,456	16,937	15,697
	2015	14,506	12,815	10,937
Ecuador	2012	8,778	8,334	8,206
	2013	8,778	7,687	7,633
	2014	8,778	6,912	6,946
	2015	8,728	6,672	6,631
Paraguay	2012	370	..	..
	2013	370	..	..
	2014	370	..	..
	2015	370	..	..
Peru	2012	9,923	8,947	8,818
	2013	9,923	8,796	8,945
	2014	9,923	9,056	9,065
	2015	9,923	8,590	8,030
Suriname	2012	350	316	316
	2013	349	380	379
	2014	349	199	200
	2015	748	396	396
Uruguay	2012	2,493	1,934	1,951
	2013	2,494	2,083	2,051
	2014	2,494	1,947	1,903
	2015	2,494	1,888	1,900
Venezuela (Bolivar. Rep.)	2012	63,945	56,378	54,963
	2013	63,945	50,269	49,043
	2014	63,945	50,728	49,492
	2015	63,970	44,878	43,783
Asia	2012	1,764,792	1,722,738	1,670,978
	2013	1,761,384	1,748,314	1,702,244
	2014	1,764,251	1,785,741	1,733,684
	2015	1,828,989	1,886,146	1,830,479
Azerbaijan	2012	16,000	6,205	6,056
	2013	16,000	6,571	6,375
	2014	16,000	6,770	6,536
	2015	10,000	6,485	6,387
Bahrain	2012	12,964	12,950	13,466
	2013	12,964	13,468	13,312
	2014	12,965	12,785	13,360
	2015	12,964	13,349	13,446

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Bangladesh	2012	1,646	1,261	1,193
	2013	1,646	1,383	1,347
	2014	1,646	1,231	1,216
	2015	1,502	1,294	1,247
Brunei Darussalam	2012	*1,000	471	418
	2013	*1,000	564	485
	2014	*1,000	401	381
	2015	*1,000	493	468
China	2012	352,419	515,819	496,858
	2013	352,419	544,255	526,665
	2014	352,419	582,289	564,104
	2015	413,745	621,892	603,236
Georgia	2012	*5,440	9	7
	2013	*5,440	0	0
	2014	*5,440	0	0
	2015	*5,440	*14	12
India	2012	215,066	231,799	229,362
	2013	216,597	232,407	227,580
	2014	215,066	232,765	231,555
	2015	230,066	241,175	243,139
Indonesia	2012	57,711	47,635	44,942
	2013	46,957	48,011	47,125
	2014	46,957	50,677	44,593
	2015	46,957	45,657	42,655
Iran (Islamic Rep. of)	2012	85,596	89,911	91,584
	2013	85,596	92,478	93,062
	2014	88,890	89,133	90,427
	2015	94,813	85,812	86,097
Iraq	2012	41,397	29,131	28,646
	2013	41,397	29,782	29,343
	2014	43,690	24,524	23,931
	2015	25,935	20,556	19,694
Israel	2012	12,500	11,865	11,720
	2013	*14,000	13,420	13,923
	2014	*14,300	14,469	14,073
	2015	14,300	14,389	13,927
Japan	2012	237,201	170,470	169,173
	2013	220,593	173,552	172,618
	2014	222,775	164,513	161,842
	2015	195,347	164,294	162,843
Jordan	2012	4,509	3,757	3,537
	2013	4,509	3,284	3,146
	2014	4,509	3,282	3,075
	2015	4,509	3,346	3,174
Kazakhstan	2012	17,212	14,458	13,528
	2013	17,212	14,760	13,762
	2014	16,969	15,537	14,544
	2015	16,958	*14,610	13,358
Korea, Dem.Ppl's.Rep.	2012	3,541	525	508
	2013	3,541	580	561
	2014	3,541	532	515
	2015	2,541	532	515

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Korea, Republic of	2012	147,556	133,852	131,006
	2013	147,556	128,952	126,256
	2014	148,055	131,507	128,633
	2015	147,581	144,693	139,689
Kuwait	2012	46,683	45,273	40,496
	2013	46,683	43,767	41,381
	2014	46,683	42,546	41,638
	2015	46,683	43,661	42,787
Kyrgyzstan	2012	499	84	81
	2013	499	83	77
	2014	499	144	144
	2015	499	323	320
Malaysia	2012	26,862	26,720	25,114
	2013	26,862	25,784	24,086
	2014	26,862	25,526	23,519
	2015	26,862	23,772	23,684
Myanmar	2012	2,843	690	648
	2013	2,843	552	510
	2014	2,843	555	521
	2015	2,843	*548	499
Oman	2012	11,072	10,033	9,876
	2013	11,072	9,274	9,160
	2014	11,072	10,733	10,598
	2015	11,072	10,702	10,857
Other Asia	2012	65,337	48,871	45,973
	2013	65,382	45,856	43,382
	2014	65,382	45,724	42,658
	2015	65,337	44,527	42,694
Pakistan	2012	*13,080	10,746	10,375
	2013	*13,080	11,758	11,434
	2014	*13,080	12,142	11,780
	2015	*13,080	12,999	12,616
Philippines	2012	13,616	8,237	7,954
	2013	13,616	7,657	7,384
	2014	13,766	8,101	7,843
	2015	13,766	10,349	9,839
Qatar	2012	16,893	13,618	13,478
	2013	16,893	14,920	12,640
	2014	16,893	12,428	12,314
	2015	14,115	11,970	11,914
Saudi Arabia	2012	105,337	97,530	95,618
	2013	125,287	93,401	91,570
	2014	124,489	109,580	107,431
	2015	144,589	126,145	128,043
Singapore	2012	67,681	*58,115	52,148
	2013	67,057	*53,659	49,222
	2014	67,057	*53,912	45,521
	2015	67,057	*54,878	44,437
Sri Lanka	2012	2,350	1,626	1,494
	2013	2,350	1,743	1,569
	2014	2,350	1,824	1,686
	2015	2,494	1,692	1,615

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Syrian Arab Republic	2012	11,963	8,253	8,152
	2013	11,963	5,457	5,392
	2014	11,963	5,457	5,391
	2015	11,963	5,457	5,391
Tajikistan	2012	*100	30	26
	2013	150	23	21
	2014	*150	25	21
	2015	*150	25	*21
Thailand	2012	61,670	48,715	48,293
	2013	62,419	53,801	53,347
	2014	62,419	51,349	51,005
	2015	62,443	56,516	56,162
Turkey	2012	35,625	23,332	23,139
	2013	35,625	24,207	23,995
	2014	33,067	22,032	21,876
	2015	33,067	29,412	29,234
Turkmenistan	2012	11,819	8,157	7,912
	2013	11,819	8,241	7,911
	2014	11,819	8,903	8,547
	2015	11,819	8,906	8,550
United Arab Emirates	2012	34,453	31,843	28,323
	2013	35,205	32,442	31,117
	2014	34,956	32,092	30,794
	2015	56,119	54,802	41,548
Uzbekistan	2012	11,186	3,245	3,204
	2013	11,186	3,075	3,058
	2014	11,186	2,897	2,864
	2015	7,880	2,812	2,778
Viet Nam	2012	6,983	6,200	5,429
	2013	6,983	6,063	6,493
	2014	6,510	*6,632	6,152
	2015	6,510	7,118	6,721
Yemen	2012	6,983	1,302	1,240
	2013	6,983	3,084	2,937
	2014	6,983	2,724	2,594
	2015	6,983	942	882
Europe	2012	1,140,439	966,480	937,806
	2013	1,116,373	940,010	919,951
	2014	1,109,964	951,678	933,466
	2015	1,108,477	971,363	959,271
Albania	2012	1,500	111	111
	2013	1,500	40	40
	2014	1,500	361	336
	2015	1,496	276	288
Austria	2012	9,645	8,868	8,756
	2013	10,169	8,999	8,917
	2014	10,169	8,977	8,904
	2015	10,169	9,261	9,132
Belarus	2012	24,605	21,667	21,375
	2013	24,605	21,156	20,880
	2014	24,605	22,289	21,973
	2015	24,605	23,003	22,678

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Belgium	2012	36,293	35,155	34,828
	2013	36,293	32,361	32,145
	2014	41,060	35,680	35,250
	2015	41,658	35,390	35,204
Bosnia and Herzegovina	2012	11,970	1,119	1,079
	2013	*11,970	1,036	965
	2014	*11,970	990	989
	2015	*11,970	914	919
Bulgaria	2012	5,748	6,606	6,425
	2013	5,748	6,639	6,443
	2014	5,748	6,318	6,129
	2015	9,726	6,935	6,681
Croatia	2012	12,485	3,727	3,707
	2013	12,485	3,389	3,357
	2014	12,485	2,979	2,953
	2015	10,699	3,376	3,342
Czechia	2012	9,127	7,662	7,587
	2013	9,127	7,001	6,969
	2014	9,676	7,862	7,822
	2015	9,676	7,542	7,508
Denmark	2012	8,698	7,635	7,427
	2013	8,698	7,173	6,989
	2014	8,449	6,910	6,685
	2015	8,449	9,128	8,912
Finland	2012	12,996	14,415	14,293
	2013	12,996	14,837	14,758
	2014	12,996	14,327	14,145
	2015	12,996	12,804	12,720
France	2012	87,153	61,406	60,903
	2013	75,233	58,296	57,891
	2014	70,120	58,111	57,621
	2015	70,120	59,958	59,505
Germany	2012	112,082	102,874	100,742
	2013	112,082	100,062	97,921
	2014	109,122	98,953	96,755
	2015	109,122	101,162	99,200
Greece	2012	24,381	23,917	23,765
	2013	26,234	24,251	24,034
	2014	24,688	27,579	27,516
	2015	*24,688	28,507	28,427
Hungary	2012	8,030	7,896	7,818
	2013	8,030	7,715	7,644
	2014	8,030	8,022	7,944
	2015	8,030	7,557	7,473
Ireland	2012	3,541	3,073	3,019
	2013	3,541	2,850	2,788
	2014	3,541	2,763	2,710
	2015	3,541	3,380	3,365
Italy	2012	109,488	82,020	81,598
	2013	105,523	70,111	69,628
	2014	102,060	66,817	66,337
	2015	105,601	74,675	73,935

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Lithuania	2012	10,220	9,059	8,977
	2013	10,220	9,584	9,486
	2014	10,220	8,036	7,943
	2015	9,476	9,018	8,920
Netherlands	2012	59,585	57,831	56,639
	2013	59,560	56,196	55,381
	2014	60,503	57,257	56,579
	2015	60,503	60,452	59,972
Norway	2012	15,910	15,641	15,023
	2013	15,910	16,423	16,018
	2014	15,910	14,592	14,514
	2015	15,910	17,008	16,951
Poland	2012	24,586	26,767	25,625
	2013	24,586	25,707	24,893
	2014	24,586	25,636	24,821
	2015	24,586	27,821	27,230
Portugal	2012	15,171	11,673	11,673
	2013	15,171	13,941	13,941
	2014	15,171	12,662	12,662
	2015	15,171	15,092	15,092
Republic of Moldova	2012	*19	17	18
	2013	*19	20	19
	2014	*19	18	18
	2015	19	11	11
Romania	2012	26,797	9,850	9,850
	2013	23,032	10,122	10,122
	2014	23,032	11,666	11,666
	2015	18,968	11,530	11,530
Russian Federation	2012	274,314	274,310	255,290
	2013	274,314	278,600	266,656
	2014	274,314	292,845	283,328
	2015	271,906	282,140	278,118
Serbia	2012	10,715	2,260	2,260
	2013	10,715	3,111	3,111
	2014	10,715	3,132	3,110
	2015	10,715	3,402	3,382
Slovakia	2012	5,736	5,907	5,877
	2013	5,736	6,572	6,552
	2014	5,736	5,745	5,725
	2015	5,736	6,487	6,437
Slovenia	2012	674	..	..
	2013	674	..	..
	2014	674	..	..
	2015	673	..	..
Spain	2012	63,416	61,892	61,346
	2013	64,414	61,037	60,501
	2014	71,197	61,169	60,290
	2015	71,197	65,663	64,967
Sweden	2012	21,796	22,105	21,410
	2013	21,796	18,138	17,584
	2014	21,796	20,280	19,799
	2015	21,796	21,214	20,667

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Switzerland	2012	3,591	3,454	3,424
	2013	3,591	4,933	4,914
	2014	3,591	4,964	4,940
	2015	3,592	2,874	2,837
T.F.Yug.Rep. Macedonia	2012	2,494	261	244
	2013	2,494	80	78
	2014	2,494	1	1
	2015	2,494	0	0
Ukraine	2012	43,878	5,073	4,968
	2013	43,878	3,944	4,018
	2014	43,878	3,210	3,323
	2015	43,878	2,949	2,849
United Kingdom	2012	83,795	72,229	71,750
	2013	76,029	65,687	65,308
	2014	69,910	61,527	60,678
	2015	69,312	61,834	61,019
Oceania	2012	44,895	38,450	36,967
	2013	40,581	37,081	36,648
	2014	33,973	34,835	33,610
	2015	29,321	31,355	31,175
Australia	2012	37,938	31,821	30,346
	2013	33,623	30,395	30,038
	2014	26,990	28,557	27,441
	2015	22,329	24,680	24,547
New Zealand	2012	5,337	5,577	5,577
	2013	5,337	5,363	5,342
	2014	5,337	5,238	5,208
	2015	5,337	5,635	5,612
Papua New Guinea	2012	1,621	1,052	1,044
	2013	1,621	1,323	1,268
	2014	*1,646	1,040	961
	2015	*1,655	*1,040	*1,016

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Table Notes

Production includes output from refineries and plants.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/ classification, and xvi to xvii for the descriptions of relevant flows.

Figure 45: Production of LPG by region, 1990-2015

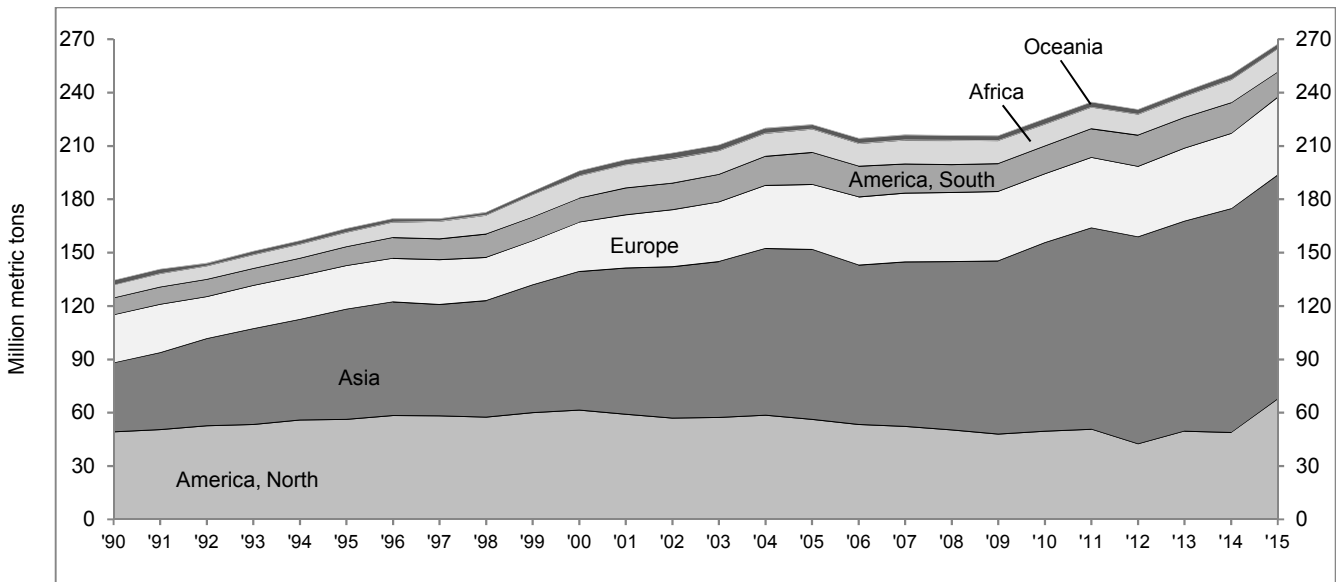


Figure 46: Major LPG producing countries, 2015

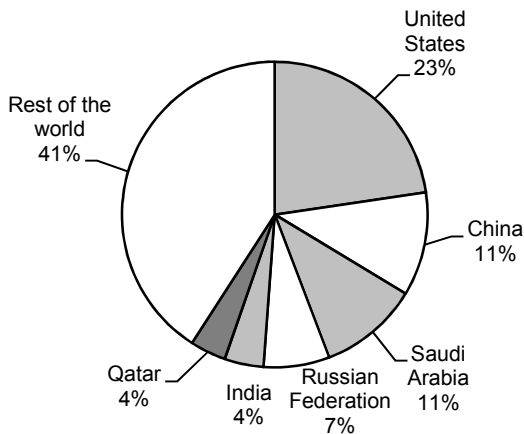


Figure 47: Major LPG consuming countries, 2015

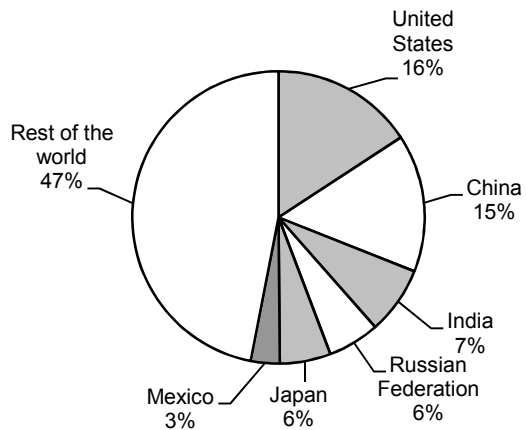


Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
World	2012	230,419	75,428	79,700	1,606	224,541	32
	2013	240,421	78,946	78,020	-700	242,047	34
	2014	250,005	86,198	82,716	1,413	252,074	35
	2015	267,155	98,871	100,858	1,681	263,487	36
Africa	2012	11,665	5,675	6,091	39	11,212	10
	2013	11,822	5,778	5,988	-80	11,693	10
	2014	13,079	6,319	7,656	17	11,724	10
	2015	13,141	6,685	8,084	-155	11,898	10
Algeria	2012	7,429	..	5,505	28	1,896	51
	2013	7,484	..	5,346	-4	2,142	56
	2014	9,176	..	7,191	-12	1,997	51
	2015	9,351	..	7,564	-110	1,897	48
Angola	2012	592	64	402	..	254	11
	2013	712	91	537	..	266	11
	2014	551	52	356	..	247	10
	2015	565	166	394	..	337	13
Benin	2012	..	12	..	..	12	1
	2013	..	10	..	..	10	1
	2014	..	11	..	..	11	1
	2015	..	13	..	..	13	1
Botswana	2012	..	19	..	..	19	9
	2013	..	22	..	..	22	10
	2014	..	24	..	..	24	11
	2015	..	6	..	..	6	3
Burkina Faso	2012	..	46	..	*5	41	2
	2013	..	46	..	*-3	49	3
	2014	..	61	..	*6	55	3
	2015	..	65	..	*3	62	3
Burundi	2012	..	*2	..	..	*2	0
	2013	..	*2	..	..	*2	0
	2014	..	1	..	..	1	0
	2015	..	*1	..	..	*1	0
Cabo Verde	2012	..	11	..	..	11	21
	2013	..	11	..	..	11	21
	2014	..	11	..	..	11	22
	2015	..	*12	..	..	*12	*23
Cameroon	2012	17	57	..	..	74	3
	2013	12	66	..	..	78	4
	2014	16	80	..	..	96	4
	2015	17	77	..	..	94	4
Chad	2012	..	*1	..	..	*1	0
	2013	..	*1	..	..	*1	0
	2014	..	*1	..	..	*1	0
	2015	..	*1	..	..	*1	0
Congo	2012	7	..	..	..	7	2
	2013	8	..	..	..	8	2
	2014	8	..	..	..	8	2
	2015	8	..	..	..	8	2
Côte d'Ivoire	2012	13	104	2	..	115	5
	2013	3	166	0	..	169	8
	2014	17	188	5	..	200	9
	2015	14	233	15	..	232	10

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Djibouti	2012	..	*20	..	..	*20	*23
	2013	..	*20	..	..	*20	*23
	2014	..	*20	..	..	*20	*23
	2015	..	*20	..	..	*20	*23
Egypt	2012	1,996	2,077	..	..	4,073	48
	2013	2,102	2,013	..	..	4,115	47
	2014	2,019	2,191	..	-18	4,228	47
	2015	1,939	2,333	..	-18	4,290	47
Equatorial Guinea	2012	..	*20	..	..	*20	*26
	2013	..	*20	..	..	*20	*25
	2014	..	*20	..	..	*20	*24
	2015	..	*20	..	..	*20	*24
Eritrea	2012	..	2	..	..	2	0
	2013	..	2	..	..	2	0
	2014	..	2	..	..	2	0
	2015	..	2	..	..	2	0
Ethiopia	2012	..	5	..	..	5	0
	2013	..	7	..	..	7	0
	2014	..	7	..	..	7	0
	2015	..	7	..	..	7	0
Gabon	2012	14	19	..	..	33	20
	2013	14	21	..	..	35	21
	2014	13	23	..	..	36	21
	2015	13	23	..	..	36	21
Gambia	2012	..	2	..	..	2	1
	2013	..	2	..	..	2	1
	2014	..	2	..	..	2	1
	2015	..	*2	..	..	*2	*1
Ghana	2012	27	242	..	..	268	11
	2013	26	204	..	-3	232	9
	2014	3	236	..	..	240	9
	2015	2	198	..	..	200	7
Guinea-Bissau	2012	..	*3	..	..	*3	*2
	2013	..	*3	..	..	*3	*2
	2014	..	*3	..	..	*3	*2
	2015	..	*3	..	..	*3	*2
Kenya	2012	17	77	0	..	94	2
	2013	12	81	4	4	85	2
	2014	0	159	9	..	150	3
	2015	0	154	6	..	149	3
Lesotho	2012	..	*6	..	..	*6	*3
	2013	..	*6	..	..	*6	*3
	2014	..	*6	..	..	*6	*3
	2015	..	5	..	..	5	2
Liberia	2012	..	*3	..	..	*3	*1
	2013	..	*3	..	..	*3	*1
	2014	..	*3	..	..	*3	*1
	2015	..	*3	..	..	*3	*1
Libya	2012	446	..	153	..	293	47
	2013	374	..	53	..	321	51
	2014	343	..	40	..	303	48
	2015	316	..	52	..	264	42

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Madagascar	2012	..	9	..	1	8	0
	2013	..	13	..	0	13	1
	2014	..	*13	..	0	*13	*1
	2015	..	*13	..	0	*13	*1
Malawi	2012	..	*2	..	..	*2	0
	2013	..	*2	..	..	*2	0
	2014	..	*2	..	..	*2	0
	2015	..	*2	..	..	*2	0
Mali	2012	..	13	..	..	13	1
	2013	..	12	..	..	12	1
	2014	..	12	..	..	12	1
	2015	..	11	..	..	11	1
Mauritania	2012	..	46	..	..	46	12
	2013	..	55	..	..	55	14
	2014	..	53	..	..	53	13
	2015	..	*53	..	..	*53	*13
Mauritius	2012	..	68	..	1	67	53
	2013	..	68	..	..	68	54
	2014	..	76	..	..	76	60
	2015	..	72	..	-1	73	57
Mayotte	2012	..	*3	..	..	*3	*11
	2013	..	*3	..	..	*3	*11
	2014	..	*3	..	..	*3	*12
	2015	..	*3	..	..	*3	*11
Morocco	2012	116	2,046	..	1	2,161	64
	2013	96	2,039	..	-69	2,204	65
	2014	99	2,255	..	39	2,315	67
	2015	29	2,306	..	-31	2,366	69
Mozambique	2012	..	17	..	..	17	1
	2013	..	13	..	..	13	0
	2014	..	23	..	..	23	1
	2015	..	19	..	-1	19	1
Namibia	2012	..	6	..	..	6	3
	2013	..	7	..	..	7	3
	2014	..	12	..	..	12	5
	2015	..	11	..	..	11	4
Niger	2012	39	0	11	0	28	2
	2013	51	0	30	-1	22	1
	2014	57	0	*21	*-1	37	2
	2015	46	2	14	0	33	2
Nigeria	2012	104	..	..	..	104	1
	2013	195	..	..	..	195	1
	2014	72	..	..	..	72	0
	2015	31	..	..	..	31	0
Réunion	2012	..	23	..	1	23	27
	2013	..	21	..	-1	22	26
	2014	..	21	..	0	21	25
	2015	..	21	..	-1	22	25
Sao Tome and Principe	2012	..	0	..	..	0	*1
	2013	..	0	..	..	0	*1
	2014	..	0	..	..	0	*1
	2015	..	0	..	..	0	*1

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Senegal	2012	1	102	..	..	103	7
	2013	1	96	..	..	97	7
	2014	1	105	..	..	106	7
	2015	1	108	..	..	109	7
Seychelles	2012	..	3	..	..	3	28
	2013	..	4	..	..	4	43
	2014	..	3	..	..	3	36
	2015	..	4	..	..	4	43
Somalia	2012	..	*6	..	..	*6	*1
	2013	..	*6	..	..	*6	*1
	2014	..	*6	..	..	*6	*1
	2015	..	*6	..	..	*6	*1
South Africa	2012	354	10	14	..	350	7
	2013	262	40	16	..	286	5
	2014	215	25	33	..	207	4
	2015	318	53	37	..	334	6
South Sudan	2012	..	3	..	..	3	0
	2013	..	2	..	..	2	0
	2014	..	2	..	..	2	0
	2015	..	1	..	..	1	0
Sudan	2012	320	136	3	..	453	12
	2013	289	177	1	..	465	12
	2014	310	161	1	..	470	12
	2015	325	162	1	..	486	12
Swaziland	2012	..	*7	..	..	*7	*5
	2013	..	*7	..	..	*7	*5
	2014	..	6	..	..	6	5
	2015	..	*6	..	..	*6	*5
Togo	2012	..	7	..	..	7	1
	2013	..	7	..	..	7	1
	2014	..	7	..	..	7	1
	2015	..	7	..	..	7	1
Tunisia	2012	164	319	..	2	481	44
	2013	173	325	..	-4	502	46
	2014	167	342	..	3	506	45
	2015	156	384	..	3	537	48
Uganda	2012	..	*7	..	..	*7	0
	2013	..	7	..	..	7	0
	2014	..	7	..	..	7	0
	2015	..	6	..	..	6	0
United Rep. of Tanzania	2012	..	44	..	..	44	1
	2013	..	69	..	..	69	1
	2014	..	69	..	..	69	1
	2015	..	71	..	..	71	1
Zambia	2012	10	..	1	..	9	1
	2013	9	..	1	..	8	1
	2014	11	..	0	..	11	1
	2015	10	..	1	..	9	1
Zimbabwe	2012	..	7	..	..	7	0
	2013	..	9	..	..	9	1
	2014	..	14	..	..	14	1
	2015	..	20	..	..	20	1

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
America, North	2012	42,462	5,465	1,592	485	45,850	82
	2013	49,647	5,269	1,804	-286	53,398	95
	2014	48,819	5,644	1,710	609	52,144	92
	2015	67,789	10,488	22,994	1,634	53,649	94
Anguilla	2012	..	6	..	..	6	389
	2013	..	5	..	..	5	364
	2014	..	6	..	..	6	394
	2015	..	9	..	..	9	623
Antigua and Barbuda	2012	..	*3	..	..	*3	*37
	2013	..	*3	..	..	*3	*37
	2014	..	*3	..	..	*3	*37
	2015	..	*4	..	..	*4	*38
Aruba	2012	..	*10	..	..	*10	*94
	2013	..	*10	..	..	*10	*94
	2014	..	*10	..	..	*10	*100
	2015	..	*11	..	..	*11	*103
Bahamas	2012	..	14	..	..	14	37
	2013	..	11	..	..	11	29
	2014	..	*11	..	..	*11	*29
	2015	..	*11	..	..	*11	*28
Barbados	2012	..	9	..	..	9	34
	2013	..	9	..	0	8	30
	2014	..	7	..	0	7	24
	2015	..	7	..	..	7	26
Belize	2012	1	11	..	..	12	36
	2013	1	17	..	..	18	52
	2014	1	4	..	..	5	14
	2015	1	20	..	..	21	58
Bermuda	2012	..	1	..	..	1	21
	2013	..	4	..	..	4	65
	2014	..	7	..	..	7	108
	2015	..	4	..	..	4	60
Bonaire, St Eustatius, Saba	2012	..	*8	..	..	*8	*349
	2013	..	*8	..	..	*8	*346
	2014	..	*8	..	..	*8	*337
	2015	..	*8	..	..	*8	*334
Canada	2012	1,534	188	483	108	1,131	32
	2013	1,437	85	571	37	914	26
	2014	1,287	201	581	72	835	23
	2015	1,284	123	356	-121	1,172	33
Cayman Islands	2012	..	3	..	..	3	52
	2013	..	4	..	..	4	69
	2014	..	3	..	..	3	54
	2015	..	4	..	..	4	74
Costa Rica	2012	..	124	..	3	121	26
	2013	..	127	..	1	127	27
	2014	..	134	..	0	134	28
	2015	..	140	..	-3	143	30
Cuba	2012	42	107	..	..	149	13
	2013	74	65	..	..	139	12
	2014	67	80	..	..	147	13
	2015	51	79	..	..	130	11

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Curaçao	2012	51	30	43	..	38	249
	2013	47	6	39	..	14	91
	2014	55	0	46	..	9	58
	2015	59	0	49	..	10	64
Dominica	2012	..	2	..	..	2	30
	2013	..	*2	..	..	*2	*31
	2014	..	*2	..	..	*2	*33
	2015	..	*2	..	..	*2	*32
Dominican Republic	2012	14	716	..	2	728	72
	2013	13	773	..	3	783	76
	2014	16	829	..	-5	849	82
	2015	7	918	..	4	921	87
El Salvador	2012	6	231	0	19	218	36
	2013	0	237	0	0	237	39
	2014	0	270	6	-13	277	45
	2015	0	263	0	-21	284	46
Greenland	2012	..	0	..	..	0	1
	2013	..	0	..	..	0	1
	2014	..	0	..	..	0	1
	2015	..	0	..	..	0	1
Grenada	2012	..	5	..	..	5	43
	2013	..	5	..	..	5	49
	2014	..	4	..	..	4	40
	2015	..	4	..	..	4	42
Guadeloupe	2012	..	13	..	..	13	27
	2013	..	13	..	..	13	27
	2014	..	12	..	..	12	26
	2015	..	12	..	..	12	26
Guatemala	2012	..	248	69	-7	186	12
	2013	..	283	81	8	194	12
	2014	..	280	94	-15	202	13
	2015	..	340	103	3	235	14
Haiti	2012	..	13	..	..	13	1
	2013	..	21	..	..	21	2
	2014	..	8	..	..	8	1
	2015	..	16	..	..	16	1
Honduras	2012	..	480	377	0	103	13
	2013	..	527	414	0	113	14
	2014	..	497	394	-17	120	15
	2015	..	135	402	-399	132	16
Jamaica	2012	9	76	..	1	85	31
	2013	6	69	..	1	74	27
	2014	6	67	..	0	73	26
	2015	7	72	..	..	79	28
Martinique	2012	*21	*3	*12	..	*12	*29
	2013	*21	*3	*12	..	*12	*31
	2014	*22	*3	*13	..	*12	*30
	2015	*22	*3	*13	..	*12	*30
Mexico	2012	6,096	2,918	4	2	9,008	74
	2013	6,154	2,691	6	-7	8,846	71
	2014	6,006	2,893	18	15	8,866	71
	2015	5,171	3,488	1	186	8,472	67

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Montserrat	2012	..	1	..	*-1	1	239
	2013	..	1	..	0	1	198
	2014	..	1	..	0	1	118
	2015	..	1	..	0	1	98
Nicaragua	2012	9	73	..	-1	83	14
	2013	11	81	..	0	92	15
	2014	9	88	..	-5	102	17
	2015	12	94	..	-7	113	19
Panama	2012	..	158	0	-1	159	42
	2013	..	194	0	-16	210	55
	2014	..	199	0	29	170	44
	2015	..	222	0	33	189	48
Sint Maarten (Dutch part)	2012	..	*2	..	..	*2	*51
	2013	..	2	..	..	2	50
	2014	..	*2	..	..	*2	*50
	2015	..	*2	..	..	*2	*52
St. Kitts-Nevis	2012	..	2	..	..	2	36
	2013	..	*2	..	..	*2	*35
	2014	..	*2	..	..	*2	*35
	2015	..	*2	..	..	*2	*36
St. Lucia	2012	..	*6	..	..	*6	*33
	2013	..	*6	..	..	*6	*33
	2014	..	*6	..	..	*6	*34
	2015	..	*6	..	..	*6	*34
St. Vincent-Grenadines	2012	..	6	..	..	6	51
	2013	..	7	..	..	7	61
	2014	..	*7	..	..	*7	*61
	2015	..	*7	..	..	*7	*64
Trinidad and Tobago	2012	708	..	603	90	15	11
	2013	753	..	681	-9	81	60
	2014	659	..	558	73	28	21
	2015	621	..	494	113	14	10
United States	2012	33,970	..	..	269	33,701	107
	2013	41,130	..	..	-303	41,433	131
	2014	40,691	..	..	475	40,216	126
	2015	60,554	4,480	21,576	1,847	41,611	129
America, South	2012	17,515	3,249	3,418	62	17,285	43
2013	17,298	3,795	3,142	23	17,929	44	
2014	17,165	4,001	2,888	159	18,119	44	
2015	14,125	3,571	1,130	78	16,488	39	
Argentina	2012	2,775	..	919	7	1,849	44
	2013	*2,624	..	748	7	*1,869	*44
	2014	2,620	..	874	4	1,742	41
	2015	2,583	..	855	1	1,727	40
Bolivia (Plur. State of)	2012	328	39	..	..	367	36
	2013	360	5	6	..	359	35
	2014	396	..	37	..	359	34
	2015	366	..	44	..	322	30
Brazil	2012	5,437	1,540	17	53	6,907	34
	2013	5,422	1,819	49	-4	7,196	35
	2014	5,297	2,010	10	9	7,288	35
	2015	5,477	1,722	15	2	7,182	35

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Chile	2012	593	755	2	-17	1,363	78
	2013	257	1,024	67	13	1,201	68
	2014	316	945	24	-8	1,245	70
	2015	305	777	37	33	1,012	56
Colombia	2012	623	..	52	..	572	12
	2013	630	..	70	..	560	12
	2014	593	..	31	..	562	12
	2015	636	1	20	..	617	13
Ecuador	2012	325	742	..	0	1,067	69
	2013	332	787	..	0	1,119	71
	2014	277	883	..	-1	1,161	73
	2015	237	890	..	1	1,126	70
French Guiana	2012	..	4	..	..	4	17
	2013	..	4	..	..	4	17
	2014	..	4	..	..	4	17
	2015	..	*5	..	..	*5	*17
Guyana	2012	..	16	..	-1	16	22
	2013	..	16	..	-1	17	22
	2014	..	17	..	0	17	22
	2015	..	17	..	0	16	21
Paraguay	2012	..	88	..	..	88	14
	2013	..	78	..	-5	83	13
	2014	..	82	..	1	81	12
	2015	..	85	..	2	83	13
Peru	2012	1,517	1	128	20	1,370	45
	2013	1,795	0	238	11	1,546	51
	2014	1,774	0	18	155	1,601	52
	2015	1,623	18	2	39	1,600	51
Suriname	2012	..	16	..	..	16	30
	2013	..	17	..	..	17	31
	2014	..	14	..	..	14	27
	2015	..	14	..	..	14	26
Uruguay	2012	76	49	..	0	125	37
	2013	91	45	..	2	135	40
	2014	81	44	..	-2	126	37
	2015	80	42	..	-1	123	36
Venezuela (Bolivar. Rep.)	2012	5,841	..	2,300	..	3,541	119
	2013	5,787	..	1,964	..	3,823	126
	2014	5,811	..	1,894	..	3,917	128
	2015	2,818	..	157	..	2,661	86
Asia	2012	116,438	44,227	51,924	950	107,791	25
	2013	117,988	44,388	49,880	-282	112,778	26
	2014	125,900	48,453	53,180	403	120,770	28
	2015	125,852	54,899	49,889	170	130,692	30
Armenia	2012	..	7	..	..	7	2
	2013	..	7	..	..	7	2
	2014	..	7	..	..	7	2
	2015	..	7	..	..	7	2
Azerbaijan	2012	215	..	90	-2	127	14
	2013	263	..	93	0	170	18
	2014	202	..	35	-3	170	18
	2015	172	..	15	4	153	16

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Bahrain	2012	122	..	61	9	52	39
	2013	104	..	38	11	55	41
	2014	104	..	39	7	58	43
	2015	159	..	71	26	62	45
Bangladesh	2012	21	..	..	..	21	0
	2013	22	..	..	..	22	0
	2014	18	..	..	..	18	0
	2015	18	..	..	..	18	0
Bhutan	2012	..	8	..	..	8	10
	2013	..	7	..	..	7	9
	2014	..	7	..	..	7	9
	2015	..	7	..	..	7	9
Brunei Darussalam	2012	16	..	..	..	16	39
	2013	16	..	..	..	16	39
	2014	16	..	..	..	16	38
	2015	18	..	..	..	18	43
Cambodia	2012	..	85	..	..	85	6
	2013	..	99	..	..	99	7
	2014	..	112	..	..	112	7
	2015	..	162	..	..	162	10
China	2012	22,687	3,585	1,282	30	24,960	18
	2013	25,133	4,517	1,269	20	28,361	21
	2014	27,058	7,394	1,444	80	32,927	24
	2015	29,344	12,440	1,442	260	40,082	29
China, Hong Kong SAR	2012	..	391	0	-2	393	55
	2013	..	378	2	-14	390	54
	2014	..	399	0	-5	404	56
	2015	..	378	0	3	375	51
China, Macao SAR	2012	..	43	..	..	43	77
	2013	..	45	..	..	45	79
	2014	..	44	..	..	44	76
	2015	..	45	..	..	45	77
Cyprus	2012	..	53	..	1	52	46
	2013	..	50	..	-2	52	46
	2014	..	48	..	0	48	42
	2015	..	54	..	0	54	46
Georgia	2012	..	18	..	0	18	4
	2013	..	17	..	0	17	4
	2014	..	18	..	0	18	4
	2015	..	15	..	-3	18	5
India	2012	9,824	8,176	200	563	17,237	14
	2013	10,030	6,607	227	-289	16,699	13
	2014	11,727	8,318	254	0	19,791	15
	2015	11,057	8,885	195	0	19,747	15
Indonesia	2012	2,493	2,574	0	36	5,031	20
	2013	2,388	3,426	10	..	5,804	23
	2014	3,140	3,590	4	..	6,726	26
	2015	2,331	6,044	26	..	8,349	32
Iran (Islamic Rep. of)	2012	5,577	154	2,604	..	3,128	41
	2013	5,418	124	1,733	..	3,809	49
	2014	7,030	37	2,503	..	4,564	58
	2015	7,717	0	2,639	..	5,077	64

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Iraq	2012	1,377	391	..	64	1,704	52
	2013	1,431	440	..	46	1,825	54
	2014	1,206	328	..	-134	1,668	47
	2015	820	248	..	-411	1,479	41
Israel	2012	498	275	129	0	644	84
	2013	582	231	132	-2	683	87
	2014	407	189	144	1	451	57
	2015	381	245	167	-6	465	58
Japan	2012	4,014	13,240	33	385	16,836	132
	2013	4,509	11,996	69	212	16,224	128
	2014	4,242	11,645	46	216	15,625	123
	2015	4,320	10,913	90	334	14,809	117
Jordan	2012	102	295	..	12	385	55
	2013	78	275	..	-5	359	50
	2014	91	282	..	5	367	49
	2015	79	330	..	-10	419	55
Kazakhstan	2012	2,136	7	1,682	32	429	26
	2013	2,202	3	1,650	15	540	32
	2014	2,388	1	1,917	16	456	26
	2015	2,068	1	1,997	0	72	4
Korea, Republic of	2012	1,487	6,234	153	-261	7,829	158
	2013	1,728	5,623	76	162	7,113	143
	2014	2,099	5,344	114	174	7,155	143
	2015	2,187	5,270	107	-297	7,647	152
Kuwait	2012	4,896	..	4,492	..	404	118
	2013	4,620	..	4,376	..	244	68
	2014	4,583	..	4,398	..	185	49
	2015	4,898	..	4,791	..	107	27
Kyrgyzstan	2012	..	14	..	..	14	2
	2013	..	13	..	..	13	2
	2014	..	0	..	..	0	0
	2015	13	5	..	..	18	3
Lao People's Dem. Rep.	2012	..	1	..	..	1	0
	2013	..	*2	..	..	*2	0
	2014	..	2	..	..	2	0
	2015	..	*2	..	..	*2	0
Lebanon	2012	..	243	..	..	243	49
	2013	..	270	..	..	270	51
	2014	..	247	..	..	247	44
	2015	..	258	..	..	258	44
Malaysia	2012	2,725	411	399	-9	2,746	95
	2013	2,387	388	313	-204	2,666	90
	2014	2,249	382	318	-61	2,374	79
	2015	1,823	322	250	-148	2,043	67
Maldives	2012	..	10	..	..	10	29
	2013	..	12	..	..	12	34
	2014	..	14	..	..	14	38
	2015	..	12	..	..	12	34
Myanmar	2012	16	0	..	0	16	0
	2013	12	16	..	-2	29	1
	2014	4	23	..	3	23	0
	2015	15	0	..	0	15	0

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Nepal	2012	..	207	..	..	207	8
	2013	..	233	..	..	233	8
	2014	..	258	..	..	258	9
	2015	..	222	..	..	222	8
Oman	2012	586	..	488	..	98	28
	2013	557	..	462	..	95	24
	2014	573	..	455	..	118	28
	2015	564	..	422	..	142	32
Other Asia	2012	1,176	742	91	11	1,816	78
	2013	1,329	1,148	89	-97	2,485	106
	2014	976	1,700	44	72	2,560	110
	2015	936	1,353	8	12	2,269	97
Pakistan	2012	398	68	..	..	466	3
	2013	415	71	..	..	486	3
	2014	456	146	..	..	602	3
	2015	525	118	..	..	643	3
Philippines	2012	351	705	0	-2	1,058	11
	2013	314	779	0	8	1,085	11
	2014	294	798	0	2	1,090	11
	2015	454	832	5	4	1,277	13
Qatar	2012	10,820	..	9,999	..	821	407
	2013	10,886	..	10,013	..	873	415
	2014	10,968	..	10,041	..	927	427
	2015	10,125	..	9,152	..	973	435
Saudi Arabia	2012	27,798	..	23,097	1	4,700	159
	2013	26,273	..	22,224	2	4,047	134
	2014	27,325	..	22,871	4	4,450	144
	2015	28,220	..	20,293	5	7,923	251
Singapore	2012	394	9	395	..	8	1
	2013	285	837	168	..	953	176
	2014	317	101	213	..	206	37
	2015	318	83	223	..	178	32
Sri Lanka	2012	17	193	..	0	210	10
	2013	22	197	..	-12	231	11
	2014	28	198	..	-5	232	11
	2015	10	277	..	-7	293	14
State of Palestine	2012	..	126	..	..	126	29
	2013	..	133	..	..	133	30
	2014	..	148	..	..	148	33
	2015	..	167	..	..	167	36
Syrian Arab Republic	2012	324	362	..	..	686	34
	2013	190	427	..	..	617	32
	2014	151	320	..	..	471	25
	2015	132	324	..	..	456	25
Tajikistan	2012	..	175	..	..	175	22
	2013	..	254	..	..	254	31
	2014	..	295	..	..	295	36
	2015	..	336	..	..	336	40
Thailand	2012	5,687	1,730	10	29	7,378	110
	2013	5,447	1,949	6	-125	7,515	111
	2014	5,506	2,099	10	78	7,517	111
	2015	5,513	1,370	36	260	6,587	97

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Turkey	2012	775	2,993	88	53	3,627	48
	2013	733	3,077	82	-6	3,734	49
	2014	699	3,118	113	-47	3,751	48
	2015	899	3,462	258	145	3,958	50
Turkmenistan	2012	734	..	..	..	734	142
	2013	1,038	..	..	..	1,038	198
	2014	994	..	..	..	994	187
	2015	1,034	..	..	..	1,034	192
United Arab Emirates	2012	7,827	44	6,604	..	1,267	142
	2013	8,072	42	6,769	..	1,345	149
	2014	9,681	40	8,140	..	1,581	174
	2015	8,789	39	7,361	..	1,467	160
Uzbekistan	2012	19	..	..	..	19	1
	2013	18	..	..	..	18	1
	2014	17	..	..	..	17	1
	2015	16	..	..	..	16	1
Viet Nam	2012	656	659	9	..	1,306	14
	2013	707	697	57	..	1,347	15
	2014	661	801	62	..	1,400	15
	2015	728	673	300	..	1,101	12
Yemen	2012	670	..	18	..	652	26
	2013	778	..	21	..	757	30
	2014	691	..	15	..	676	26
	2015	169	..	41	..	128	5
Europe	2012	39,557	16,227	15,490	18	40,275	55
	2013	41,024	19,187	15,863	7	44,340	60
	2014	42,267	21,354	15,885	186	47,550	64
	2015	43,750	22,652	17,571	3	48,827	66
Albania	2012	..	88	..	..	88	31
	2013	..	141	..	29	112	39
	2014	..	157	0	36	121	42
	2015	..	184	..	48	136	47
Andorra	2012	..	2	..	..	2	29
	2013	..	2	..	..	2	30
	2014	..	2	..	..	2	29
	2015	..	2	..	..	2	31
Austria	2012	67	80	22	0	125	15
	2013	66	62	24	-1	105	12
	2014	65	64	21	3	105	12
	2015	139	54	83	2	108	13
Belarus	2012	532	6	297	25	216	23
	2013	568	0	407	-31	192	20
	2014	573	40	432	11	170	18
	2015	536	61	446	-3	154	16
Belgium	2012	580	1,611	736	6	1,449	131
	2013	576	1,743	732	-1	1,588	142
	2014	707	1,830	669	6	1,862	166
	2015	671	2,415	807	-8	2,287	202
Bosnia and Herzegovina	2012	23	56	..	0	79	21
	2013	23	40	..	1	62	16
	2014	24	43	..	1	66	17
	2015	24	45	..	1	68	18

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Bulgaria	2012	119	287	20	-5	391	54
	2013	93	331	19	-1	406	56
	2014	98	348	16	-6	436	61
	2015	102	395	15	11	471	66
Croatia	2012	281	14	146	2	147	34
	2013	250	40	145	-1	146	34
	2014	225	44	132	-2	139	33
	2015	248	36	143	1	140	33
Czechia	2012	200	122	112	-2	212	20
	2013	180	139	90	0	229	22
	2014	208	167	82	3	290	28
	2015	220	176	140	-2	258	24
Denmark	2012	168	5	117	1	55	10
	2013	103	18	74	3	44	8
	2014	118	17	100	-4	39	7
	2015	123	25	94	2	52	9
Estonia	2012	..	8	0	-2	10	8
	2013	..	13	4	0	9	7
	2014	..	16	6	1	9	7
	2015	..	26	13	0	13	10
Finland	2012	256	290	6	-34	574	106
	2013	310	293	10	-17	610	112
	2014	293	316	15	35	559	102
	2015	241	283	1	-15	538	98
France	2012	1,466	2,915	1,302	-34	3,113	49
	2013	1,472	3,221	1,238	-20	3,475	54
	2014	1,474	3,479	1,061	-3	3,895	61
	2015	1,561	3,330	1,150	-26	3,767	57
Germany	2012	2,624	1,088	303	-31	3,440	43
	2013	2,645	1,001	290	-7	3,363	42
	2014	2,518	672	276	-14	2,928	36
	2015	2,656	732	259	-3	3,132	39
Greece	2012	631	53	216	15	453	41
	2013	671	40	177	-1	535	48
	2014	735	39	244	-2	532	48
	2015	703	66	179	-2	592	54
Hungary	2012	272	165	62	3	372	37
	2013	372	176	74	-7	481	48
	2014	385	243	76	10	542	55
	2015	362	338	91	-10	619	63
Iceland	2012	..	3	..	..	3	9
	2013	..	3	..	..	3	9
	2014	..	2	..	..	2	6
	2015	..	3	..	..	3	9
Ireland	2012	73	80	35	0	118	25
	2013	62	92	26	1	127	27
	2014	60	98	30	1	127	27
	2015	46	108	14	0	140	30
Italy	2012	1,541	2,135	391	-161	3,446	58
	2013	1,681	2,322	423	30	3,550	59
	2014	1,327	2,204	215	-35	3,351	56
	2015	1,299	2,262	236	-25	3,350	56

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Latvia	2012	..	153	81	0	72	35
	2013	..	187	104	-1	84	42
	2014	..	197	102	2	93	47
	2015	..	210	121	-1	90	46
Lithuania	2012	299	112	143	-2	270	90
	2013	322	106	179	0	249	84
	2014	275	112	156	1	230	79
	2015	307	107	211	-1	204	71
Luxembourg	2012	..	12	1	..	11	21
	2013	..	11	1	..	10	18
	2014	..	9	1	..	8	14
	2015	..	9	1	..	8	14
Malta	2012	..	23	..	1	22	53
	2013	..	22	..	1	21	50
	2014	..	22	..	1	21	50
	2015	..	23	..	..	23	55
Montenegro	2012	..	17	..	..	17	27
	2013	..	14	..	..	14	22
	2014	..	18	..	2	16	26
	2015	..	20	..	2	18	29
Netherlands	2012	1,477	1,732	1,574	7	1,628	97
	2013	1,424	3,570	1,428	-2	3,568	212
	2014	1,632	4,823	1,629	38	4,788	284
	2015	1,735	4,759	1,828	76	4,590	271
Norway	2012	5,729	183	4,727	45	1,140	227
	2013	5,560	138	4,689	-27	1,036	204
	2014	5,775	167	4,923	-18	1,037	201
	2015	6,592	250	5,617	69	1,156	222
Poland	2012	539	1,945	114	6	2,364	61
	2013	548	2,053	301	0	2,300	60
	2014	560	2,032	225	8	2,359	61
	2015	575	2,035	216	-6	2,400	62
Portugal	2012	221	431	77	4	571	54
	2013	261	604	68	-17	814	78
	2014	198	824	39	8	975	94
	2015	175	741	72	-1	845	82
Republic of Moldova	2012	..	78	7	-4	75	18
	2013	..	90	12	3	75	18
	2014	..	78	1	-1	78	19
	2015	..	74	0	-2	76	19
Romania	2012	527	84	180	3	428	21
	2013	523	112	203	-6	438	22
	2014	560	132	204	2	486	25
	2015	567	169	244	..	492	25
Russian Federation	2012	15,314	147	2,681	298	12,482	87
	2013	16,899	79	3,135	214	13,629	95
	2014	18,227	138	3,391	-173	15,147	106
	2015	18,622	125	3,687	-46	15,106	105
Serbia	2012	113	269	9	4	369	41
	2013	193	164	14	-11	354	40
	2014	158	161	16	4	299	34
	2015	176	146	59	0	263	30

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Slovakia	2012	122	51	19	1	153	28
	2013	172	51	67	0	156	29
	2014	155	49	71	0	133	25
	2015	181	43	63	2	159	29
Slovenia	2012	..	81	1	-4	84	41
	2013	..	76	1	-2	77	37
	2014	..	74	0	0	74	36
	2015	..	81	0	-1	82	40
Spain	2012	1,702	355	300	66	1,691	36
	2013	1,713	326	398	-98	1,739	37
	2014	1,575	643	425	78	1,715	37
	2015	1,699	780	395	7	2,077	45
Sweden	2012	391	819	571	-181	820	86
	2013	308	1,025	307	-13	1,039	108
	2014	423	1,100	387	175	961	99
	2015	473	986	568	-58	949	97
Switzerland	2012	119	75	20	..	174	22
	2013	193	34	55	..	172	21
	2014	173	35	39	1	168	20
	2015	76	86	3	-2	161	19
T.F.Yug.Rep. Macedonia	2012	10	51	3	2	55	27
	2013	3	57	3	-1	57	28
	2014	0	63	1	-1	62	30
	2015	0	72	1	0	70	34
Ukraine	2012	563	307	70	-2	802	18
	2013	500	361	..	2	859	19
	2014	440	431	..	-12	883	20
	2015	341	598	..	8	931	21
United Kingdom	2012	3,598	293	1,147	-9	2,753	43
	2013	3,333	431	1,165	-11	2,610	41
	2014	3,306	465	899	30	2,842	44
	2015	3,300	797	814	-14	3,297	51
Oceania	2012	2,782	585	1,186	52	2,128	57
	2013	2,643	528	1,343	-82	1,909	50
	2014	2,775	426	1,396	39	1,767	46
	2015	2,498	576	1,190	-49	1,933	49
Australia	2012	2,606	524	1,156	50	1,924	84
	2013	2,454	472	1,298	-80	1,708	73
	2014	2,553	372	1,338	42	1,545	65
	2015	2,288	491	1,151	-49	1,677	70
Fiji	2012	..	19	0	..	19	22
	2013	..	21	0	..	21	24
	2014	..	22	0	..	22	25
	2015	..	27	0	..	27	30
French Polynesia	2012	..	*8	..	..	*8	*29
	2013	..	*8	..	..	*8	*29
	2014	..	*8	..	..	*8	*27
	2015	..	*8	..	..	*8	*28
Kiribati	2012	..	0	..	..	0	2
	2013	..	0	..	..	0	2
	2014	..	0	..	..	0	1
	2015	..	0	..	..	0	*1

Table 17

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Marshall Islands	2012	..	0	..	..	0	*3
	2013	..	0	..	..	0	3
	2014	..	0	..	..	0	*3
	2015	..	0	..	..	0	*3
Nauru	2012	..	0	..	..	0	*1
	2013	..	0	..	..	0	*1
	2014	..	0	..	..	0	*1
	2015	..	0	..	..	0	*1
New Caledonia	2012	..	12	..	-1	12	49
	2013	..	18	..	0	18	70
	2014	..	16	..	-1	17	65
	2015	..	31	..	0	31	119
New Zealand	2012	166	14	30	3	147	33
	2013	177	2	45	-2	136	30
	2014	210	1	58	-1	154	34
	2015	197	8	39	..	166	37
Niue	2012	..	0	..	..	0	19
	2013	..	0	..	..	0	20
	2014	..	0	..	..	0	21
	2015	..	0	..	..	0	21
Papua New Guinea	2012	10	2	..	..	12	2
	2013	12	0	..	..	12	2
	2014	12	1	..	-1	14	2
	2015	*13	*1	..	..	*14	*2
Samoa	2012	..	*1	..	..	*1	*7
	2013	..	1	..	0	1	7
	2014	..	1	..	..	1	7
	2015	..	5	..	..	5	25
Solomon Islands	2012	..	*2	..	..	*2	*3
	2013	..	*2	..	..	*2	*3
	2014	..	*2	..	..	*2	*3
	2015	..	*2	..	..	*2	*3
Tonga	2012	..	1	..	..	1	13
	2013	..	1	..	..	1	14
	2014	..	2	..	..	2	15
	2015	..	2	..	..	2	15
Tuvalu	2012	..	0	..	..	0	*2
	2013	..	0	..	..	0	*2
	2014	..	0	..	..	0	*2
	2015	..	0	..	..	0	*2
Vanuatu	2012	..	*1	..	..	*1	*5
	2013	..	*1	..	..	*1	*5
	2014	..	*1	..	..	*1	*5
	2015	..	*1	..	..	*1	*5
Wallis and Futuna Is.	2012	..	0	..	..	0	*19
	2013	..	0	..	..	0	*18
	2014	..	0	..	..	0	*21
	2015	..	0	..	..	0	*20

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Table Notes

Production includes output from refineries and plants, together with quantities from other sources which include any blended biogasoline.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/ classification, and xvi to xvii for the descriptions of relevant flows.

Figure 48: Production of motor gasoline by region, 1990-2015

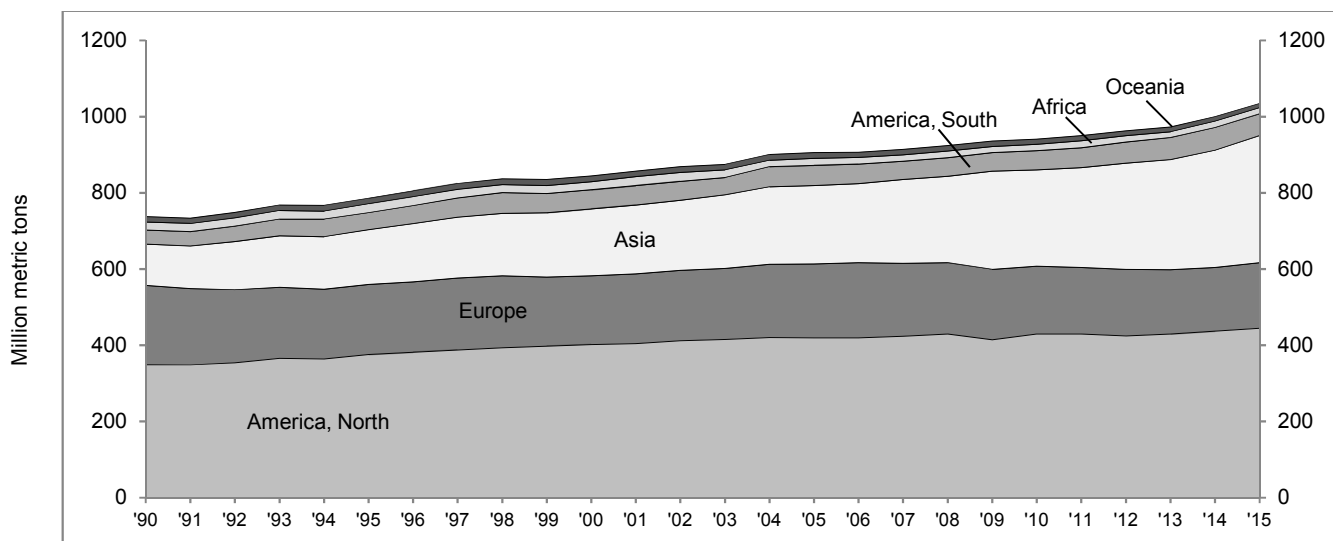


Figure 49: Major motor gasoline producing countries, 2015

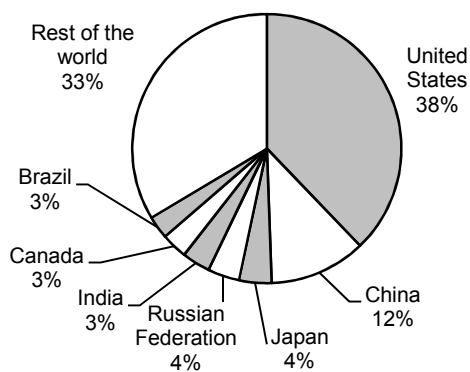


Figure 50: Major motor gasoline consuming countries, 2015

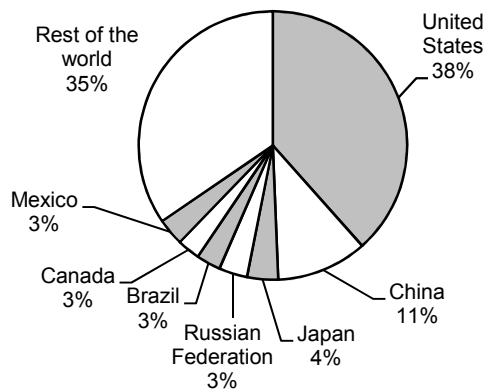


Table 18

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
World	2012	962,923	183,337	185,511	-1,850	962,599	136
	2013	972,996	184,712	179,599	-1,944	980,054	136
	2014	999,505	192,011	188,107	8,144	995,265	137
	2015	1,034,545	211,180	214,860	-809	1,031,674	140
Africa	2012	16,468	21,593	1,135	-18	36,943	34
	2013	15,619	23,133	1,965	213	36,575	32
	2014	17,107	26,844	4,430	-138	39,660	34
	2015	16,467	30,239	4,045	73	42,588	36
Algeria	2012	2,273	1,181	0	24	3,430	92
	2013	2,300	1,592	0	107	3,785	99
	2014	3,007	1,033	0	-18	4,058	104
	2015	2,798	1,601	0	21	4,378	110
Angola	2012	73	1,313	6	0	1,380	61
	2013	69	1,005	7	0	1,067	46
	2014	27	1,400	7	0	1,420	59
	2015	11	1,237	7	0	1,241	50
Benin	2012	..	615	..	..	615	61
	2013	..	678	..	..	678	66
	2014	..	721	..	..	721	68
	2015	..	785	..	..	785	72
Botswana	2012	..	348	..	..	348	163
	2013	..	343	..	..	343	158
	2014	..	355	..	..	355	160
	2015	..	307	..	..	307	136
Burkina Faso	2012	..	190	..	*-13	203	12
	2013	..	255	..	*32	223	13
	2014	..	207	..	*-24	231	13
	2015	..	297	..	*50	248	14
Burundi	2012	..	31	..	-1	32	3
	2013	..	30	..	1	29	3
	2014	..	27	..	-1	28	3
	2015	..	24	..	1	23	2
Cabo Verde	2012	..	7	..	..	7	14
	2013	..	7	..	..	7	14
	2014	..	7	..	..	7	14
	2015	..	*7	..	..	*7	*14
Cameroon	2012	320	125	43	..	402	19
	2013	223	91	22	..	292	13
	2014	313	120	30	..	403	18
	2015	333	120	30	..	423	18
Central African Rep.	2012	..	*27	..	..	*27	*6
	2013	..	*28	..	..	*28	*6
	2014	..	*28	..	..	*28	*6
	2015	..	*29	..	..	*29	*6
Chad	2012	..	*10	..	..	*10	*1
	2013	..	*10	..	..	*10	*1
	2014	..	*10	..	..	*10	*1
	2015	..	*11	..	..	*11	*1
Comoros	2012	..	*10	..	..	*10	*14
	2013	..	*11	..	..	*11	*15
	2014	..	*11	..	..	*11	*15
	2015	..	*12	..	..	*12	*15

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Congo	2012	80	54	..	..	134	31
	2013	70	76	..	..	146	33
	2014	78	86	..	..	164	36
	2015	74	94	..	..	168	36
Côte d'Ivoire	2012	559	..	417	0	142	7
	2013	647	..	361	0	286	13
	2014	548	..	252	-12	308	14
	2015	641	..	288	-16	369	16
Dem. Rep. of the Congo	2012	..	239	..	..	239	3
	2013	..	376	..	..	376	5
	2014	..	513	..	..	513	7
	2015	..	303	..	..	303	4
Djibouti	2012	..	*4	..	..	*4	*5
	2013	..	*4	..	..	*4	*5
	2014	..	*5	..	..	*5	*5
	2015	..	*5	..	..	*5	*5
Egypt	2012	4,201	1,193	..	..	5,394	63
	2013	2,839	1,610	..	..	4,449	51
	2014	4,377	2,115	..	..	6,492	72
	2015	4,487	2,554	..	..	7,041	77
Equatorial Guinea	2012	..	*23	..	..	*23	*30
	2013	..	*23	..	..	*23	*29
	2014	..	*23	..	..	*23	*28
	2015	..	*23	..	..	*23	*27
Eritrea	2012	..	10	..	..	10	2
	2013	..	10	..	..	10	2
	2014	..	11	..	..	11	2
	2015	..	12	..	..	12	2
Ethiopia	2012	..	193	..	-7	200	2
	2013	..	212	..	1	211	2
	2014	..	238	..	-5	243	3
	2015	..	308	..	..	308	3
Gabon	2012	76	..	8	..	68	42
	2013	62	16	..	..	78	47
	2014	68	12	..	..	80	47
	2015	72	8	..	..	80	46
Gambia	2012	..	21	..	..	21	12
	2013	..	22	..	..	22	12
	2014	..	25	..	..	25	13
	2015	..	*25	..	..	*25	*12
Ghana	2012	158	812	54	0	915	36
	2013	167	1,017	36	6	1,143	44
	2014	40	1,254	10	11	1,273	48
	2015	32	1,182	10	..	1,204	44
Guinea	2012	..	241	..	..	241	21
	2013	..	251	..	..	251	21
	2014	..	267	..	..	267	22
	2015	..	281	..	..	281	22
Guinea-Bissau	2012	..	*2	..	..	*2	*1
	2013	..	*2	..	..	*2	*1
	2014	..	*2	..	..	*2	*1
	2015	..	*2	..	..	*2	*1

Table 18

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Kenya	2012	117	502	0	..	619	15
	2013	76	1,207	424	..	859	20
	2014	0	3,850	2,956	..	895	20
	2015	0	3,537	2,441	..	1,096	24
Lesotho	2012	..	75	..	..	75	37
	2013	..	77	..	..	77	37
	2014	..	*90	..	..	*90	*43
	2015	..	117	..	..	117	55
Liberia	2012	..	92	..	..	92	22
	2013	..	113	..	..	113	26
	2014	..	129	..	..	129	29
	2015	..	149	..	..	149	33
Libya	2012	615	2,819	..	..	3,434	547
	2013	640	3,160	..	..	3,800	606
	2014	516	3,306	..	..	3,822	611
	2015	497	3,873	..	..	4,370	696
Madagascar	2012	..	91	..	6	85	4
	2013	..	94	..	0	94	4
	2014	..	*110	..	0	*110	*5
	2015	..	128	..	0	128	5
Malawi	2012	..	76	..	..	76	5
	2013	..	82	..	..	82	5
	2014	..	96	..	..	96	6
	2015	..	70	..	..	70	4
Mali	2012	..	*148	..	..	*148	*9
	2013	..	*152	..	..	*152	*9
	2014	..	*154	..	..	*154	*9
	2015	..	*158	..	..	*158	*9
Mauritania	2012	..	29	..	..	29	8
	2013	..	26	..	..	26	7
	2014	..	31	..	..	31	8
	2015	..	*32	..	..	*32	*8
Mauritius	2012	..	128	..	2	126	100
	2013	..	138	..	6	132	104
	2014	..	138	..	-3	141	111
	2015	..	155	..	4	151	119
Mayotte	2012	..	12	..	..	12	56
	2013	..	13	..	..	13	57
	2014	..	14	..	..	14	58
	2015	..	15	..	..	15	61
Morocco	2012	407	161	5	-7	570	17
	2013	369	173	2	-13	553	16
	2014	331	181	3	-31	540	16
	2015	186	437	0	20	603	18
Mozambique	2012	..	177	..	0	177	7
	2013	..	277	..	98	179	7
	2014	..	404	..	-30	434	16
	2015	..	294	..	0	294	11
Namibia	2012	..	315	..	..	315	137
	2013	..	177	..	..	177	75
	2014	..	301	..	..	301	125
	2015	..	320	..	..	320	130

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Niger	2012	177	2	47	0	133	8
	2013	253	0	135	0	118	6
	2014	235	3	98	0	140	7
	2015	212	22	71	0	163	8
Nigeria	2012	1,135	6,539	..	..	7,674	46
	2013	1,237	5,917	..	..	7,154	41
	2014	542	5,781	..	..	6,323	36
	2015	261	7,110	..	..	7,371	40
Réunion	2012	..	100	..	2	98	116
	2013	..	89	..	-7	96	112
	2014	..	93	..	0	93	108
	2015	..	88	..	-6	94	109
Rwanda	2012	..	74	..	..	74	7
	2013	..	77	..	..	77	7
	2014	..	78	..	..	78	7
	2015	..	88	..	..	88	8
Sao Tome and Principe	2012	..	*8	..	..	*8	*45
	2013	..	*8	..	..	*8	*44
	2014	..	*8	..	..	*8	*43
	2015	..	*8	..	..	*8	*44
Senegal	2012	75	52	3	0	124	9
	2013	29	68	40	0	57	4
	2014	28	57	39	0	46	3
	2015	30	60	42	0	48	3
Seychelles	2012	..	15	..	..	15	159
	2013	..	17	..	..	17	174
	2014	..	20	..	..	20	210
	2015	..	19	..	..	19	201
Sierra Leone	2012	..	68	..	..	68	11
	2013	..	86	..	..	86	14
	2014	..	92	..	..	92	15
	2015	..	*74	..	..	*74	*11
Somalia	2012	..	*34	..	..	*34	*3
	2013	..	*34	..	..	*34	*3
	2014	..	*34	..	..	*34	*3
	2015	..	*34	..	..	*34	*3
South Africa	2012	5,014	1,352	328	..	6,038	114
	2013	5,544	1,116	708	..	5,952	111
	2014	5,817	851	733	..	5,935	110
	2015	5,609	1,383	805	..	6,187	114
South Sudan	2012	..	50	..	..	50	5
	2013	..	47	..	..	47	4
	2014	..	49	..	..	49	4
	2015	..	33	..	..	33	3
St. Helena and Depend.	2012	..	1	..	..	1	159
	2013	..	1	..	..	1	149
	2014	..	*1	..	..	*1	*143
	2015	..	*1	..	..	*1	*151
Sudan	2012	1,099	32	224	..	907	24
	2013	1,009	41	230	..	820	21
	2014	1,085	39	302	..	822	21
	2015	1,137	39	351	..	825	21

Table 18

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Swaziland	2012	..	*92	..	..	*92	*75
	2013	..	*93	..	..	*93	*74
	2014	..	95	..	..	95	75
	2015	..	*97	..	..	*97	*75
Togo	2012	..	125	..	-20	145	21
	2013	..	128	..	-21	149	22
	2014	..	131	..	-22	153	22
	2015	..	135	..	-34	169	23
Tunisia	2012	..	489	..	-4	493	45
	2013	..	483	..	3	480	44
	2014	..	535	..	-4	539	48
	2015	..	560	..	33	527	47
Uganda	2012	..	367	..	..	367	10
	2013	..	420	..	..	420	11
	2014	..	477	..	..	477	13
	2015	..	558	..	..	558	14
United Rep. of Tanzania	2012	..	415	..	..	415	9
	2013	..	564	..	..	564	11
	2014	..	687	..	..	687	13
	2015	..	827	..	..	827	15
Zambia	2012	89	142	..	..	231	16
	2013	85	185	..	..	270	18
	2014	95	203	..	..	298	19
	2015	87	220	..	..	307	19
Zimbabwe	2012	..	362	..	..	362	25
	2013	..	401	..	..	401	27
	2014	..	336	..	..	336	22
	2015	..	372	..	..	372	24
America, North	2012	424,588	56,363	31,044	-3,817	453,724	813
	2013	429,808	52,994	31,640	-448	451,611	802
	2014	436,819	51,655	33,182	996	454,296	799
	2015	444,333	58,052	37,530	-1,538	466,393	813
Anguilla	2012	..	8	..	..	8	545
	2013	..	6	..	..	6	413
	2014	..	7	..	..	7	491
	2015	..	7	..	..	7	452
Antigua and Barbuda	2012	..	*41	*3	..	*38	*427
	2013	..	*41	*3	..	*38	*422
	2014	..	*42	*3	..	*39	*429
	2015	..	*43	*3	..	*40	*436
Aruba	2012	..	*60	..	..	*60	*589
	2013	..	*61	..	..	*61	*589
	2014	..	*61	..	..	*61	*593
	2015	..	*63	..	..	*63	*604
Bahamas	2012	..	210	..	..	210	564
	2013	..	269	*1	..	268	710
	2014	..	247	*1	..	246	643
	2015	..	*227	1	..	*226	*582
Barbados	2012	..	90	..	0	90	320
	2013	..	88	..	0	88	312
	2014	..	82	..	-5	87	307
	2015	..	94	..	5	89	313

Table 18

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Belize	2012	..	47	..	..	47	139
	2013	..	49	..	..	49	143
	2014	..	52	..	..	52	149
	2015	..	50	..	..	50	138
Bermuda	2012	..	66	..	*36	30	475
	2013	..	23	..	-5	28	447
	2014	..	23	..	-3	26	416
	2015	..	15	..	-9	24	386
Bonaire, St Eustatius, Saba	2012	..	*10	..	..	*10	*414
	2013	..	*10	..	..	*10	*409
	2014	..	*10	..	..	*10	*399
	2015	..	*10	..	..	*10	*394
British Virgin Islands	2012	..	*14	..	..	*14	*491
	2013	..	*14	..	..	*14	*482
	2014	..	*15	..	..	*15	*490
	2015	..	*15	..	..	*15	*481
Canada	2012	31,555	2,932	5,933	-96	28,650	822
	2013	30,993	2,395	6,158	-194	27,424	778
	2014	30,619	2,454	6,046	274	26,753	752
	2015	32,392	2,887	7,155	-261	28,385	790
Cayman Islands	2012	..	37	..	..	37	643
	2013	..	38	..	..	38	651
	2014	..	39	..	..	39	663
	2015	..	39	..	..	39	642
Costa Rica	2012	..	753	0	7	746	160
	2013	..	768	0	-9	777	165
	2014	..	803	0	23	780	164
	2015	..	837	0	-21	858	178
Cuba	2012	415	560	732	..	243	21
	2013	672	274	701	..	245	22
	2014	554	311	656	..	209	18
	2015	446	320	376	..	390	34
Curaçao	2012	1,574	64	1,574	..	64	419
	2013	1,712	64	1,712	..	64	415
	2014	1,890	65	1,890	..	65	417
	2015	1,818	64	1,818	..	64	407
Dominica	2012	..	10	..	0	10	135
	2013	..	*10	..	0	*10	*140
	2014	..	*10	..	0	*10	*145
	2015	..	*10	..	0	*10	*142
Dominican Republic	2012	231	1,022	..	-11	1,263	124
	2013	265	743	..	7	1,001	97
	2014	267	572	..	13	825	79
	2015	158	806	..	-10	974	93
El Salvador	2012	72	365	0	-3	440	72
	2013	0	453	0	0	453	74
	2014	0	476	0	0	476	78
	2015	0	559	0	0	559	91
Greenland	2012	..	12	..	-2	14	240
	2013	..	14	..	0	14	240
	2014	..	13	..	-1	14	241
	2015	..	13	..	-1	14	248

Table 18

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Grenada	2012	..	24	..	0	24	230
	2013	..	24	..	0	25	232
	2014	..	24	..	0	24	221
	2015	..	26	..	0	26	243
Guadeloupe	2012	..	85	..	..	85	185
	2013	..	83	..	..	83	180
	2014	..	80	..	..	80	172
	2015	..	83	..	..	83	178
Guatemala	2012	..	929	0	0	929	60
	2013	..	997	33	-49	1,014	65
	2014	..	1,195	60	32	1,103	69
	2015	..	1,303	132	-15	1,187	73
Haiti	2012	..	154	..	..	154	15
	2013	..	149	..	..	149	14
	2014	..	178	..	..	178	17
	2015	..	213	..	..	213	20
Honduras	2012	..	509	..	0	509	66
	2013	..	518	..	0	518	66
	2014	..	497	..	-48	545	68
	2015	..	554	..	-68	622	77
Jamaica	2012	133	354	..	3	484	175
	2013	124	372	..	-14	510	184
	2014	103	316	..	0	419	151
	2015	135	254	..	4	385	138
Martinique	2012	*149	*17	*47	..	*119	*301
	2013	*149	*16	*44	..	*121	*306
	2014	*156	*17	*50	..	*123	*311
	2015	*156	*17	*49	..	*123	*310
Mexico	2012	17,517	16,126	..	0	33,643	276
	2013	18,262	14,522	..	-46	32,830	265
	2014	17,581	15,032	..	27	32,586	260
	2015	15,785	17,353	..	-514	33,652	265
Montserrat	2012	..	4	..	..	4	855
	2013	..	5	..	..	5	968
	2014	..	5	..	..	5	1,060
	2015	..	6	..	..	6	1,151
Nicaragua	2012	68	181	..	7	242	41
	2013	97	160	..	-14	271	46
	2014	99	162	..	-9	270	45
	2015	104	202	..	-17	323	53
Panama	2012	..	630	..	-49	679	181
	2013	..	652	..	-56	708	186
	2014	..	687	..	-50	738	191
	2015	..	768	..	-69	836	213
Sint Maarten (Dutch part)	2012	..	*13	..	..	*13	*370
	2013	..	*13	..	..	*13	*365
	2014	..	*14	..	..	*14	*361
	2015	..	*14	..	..	*14	*361
St. Kitts-Nevis	2012	..	17	..	1	17	309
	2013	..	*16	..	..	*16	*295
	2014	..	*17	..	..	*17	*300
	2015	..	*17	..	..	*17	*308

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
St. Lucia	2012	..	*48	..	..	*48	*265
	2013	..	*48	..	..	*48	*263
	2014	..	*49	..	..	*49	*267
	2015	..	*49	..	..	*49	*265
St. Pierre-Miquelon	2012	..	*4	..	..	*4	*637
	2013	..	*4	..	..	*4	*637
	2014	..	*4	..	..	*4	*669
	2015	..	*4	..	..	*4	*668
St. Vincent-Grenadines	2012	..	21	..	..	21	194
	2013	..	17	..	..	17	152
	2014	..	*17	..	..	*17	*153
	2015	..	*16	..	..	*16	*148
Trinidad and Tobago	2012	1,132	337	951	0	518	386
	2013	1,640	0	1,281	-151	510	378
	2014	1,259	0	823	-83	519	383
	2015	2,111	0	1,560	-6	557	410
United States	2012	371,742	30,609	21,804	-3,710	384,257	1,221
	2013	375,895	30,078	21,706	84	384,183	1,211
	2014	384,290	28,079	23,653	826	387,890	1,214
	2015	391,229	31,117	26,435	-555	396,466	1,232
America, South	2012	55,092	7,080	3,253	-1,323	60,242	148
	2013	57,436	6,122	3,268	-992	61,282	149
	2014	59,770	6,378	2,475	-144	63,817	154
	2015	57,260	7,011	3,477	-390	61,184	146
Argentina	2012	5,539	39	..	-141	5,719	136
	2013	6,031	39	..	77	5,993	141
	2014	5,244	330	..	372	5,202	121
	2015	5,682	11	..	-456	6,149	142
Bolivia (Plur. State of)	2012	686	159	..	0	845	83
	2013	783	153	..	-1	937	90
	2014	794	211	..	0	1,005	95
	2015	870	267	..	3	1,134	106
Brazil	2012	25,353	2,798	91	-972	29,032	143
	2013	28,844	1,677	246	-990	31,265	153
	2014	30,678	1,563	258	-480	32,463	158
	2015	28,402	2,172	451	0	30,123	145
Chile	2012	2,246	572	243	-28	2,603	150
	2013	2,619	542	197	3	2,961	168
	2014	2,789	440	77	13	3,139	177
	2015	2,823	488	70	30	3,211	179
Colombia	2012	3,276	561	422	23	3,391	72
	2013	3,372	449	383	..	3,438	73
	2014	2,934	609	2	..	3,540	74
	2015	2,552	740	..	..	3,292	68
Ecuador	2012	1,423	1,671	172	-20	2,941	191
	2013	1,273	1,879	162	22	2,968	190
	2014	1,128	2,335	148	-30	3,345	210
	2015	976	2,281	21	72	3,164	196
Falkland Is. (Malvinas)	2012	..	*1	..	..	*1	*349
	2013	..	*1	..	..	*1	*348
	2014	..	*1	..	..	*1	*346
	2015	..	*1	..	..	*1	*344

Table 18

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
French Guiana	2012	..	*32	..	..	*32	*129
	2013	..	*33	..	..	*33	*130
	2014	..	*33	..	..	*33	*126
	2015	..	*30	..	..	*30	*112
Guyana	2012	..	136	..	3	133	175
	2013	..	132	..	-5	137	180
	2014	..	139	..	-8	147	193
	2015	..	149	..	2	147	191
Paraguay	2012	118	347	..	-52	518	81
	2013	138	370	..	-4	512	79
	2014	149	409	..	3	555	85
	2015	174	459	..	-14	647	97
Peru	2012	3,311	185	1,872	-174	1,798	60
	2013	3,720	409	1,904	43	2,182	71
	2014	3,724	108	1,562	8	2,262	73
	2015	3,096	208	1,543	-25	1,786	57
Suriname	2012	..	141	..	..	141	268
	2013	..	149	..	..	149	280
	2014	..	149	..	..	149	277
	2015	3	152	..	..	155	285
Uruguay	2012	473	82	81	-6	479	141
	2013	537	15	22	14	515	151
	2014	496	51	23	-22	546	160
	2015	546	54	0	-2	601	175
Venezuela (Bolivar. Rep.)	2012	12,668	356	371	44	12,609	422
	2013	10,119	273	354	-152	10,190	337
	2014	11,835	..	405	..	11,430	372
	2015	12,137	..	1,392	..	10,745	345
Asia	2012	279,188	61,641	64,682	3,639	272,507	64
	2013	288,791	68,269	61,466	-1,691	297,284	69
	2014	307,531	72,656	67,564	7,835	304,788	70
	2015	333,252	78,314	78,215	1,131	332,219	76
Afghanistan	2012	..	*1,261	..	..	*1,261	*42
	2013	..	932	..	..	932	30
	2014	..	713	..	..	713	23
	2015	..	872	..	..	872	27
Armenia	2012	..	136	..	..	136	45
	2013	..	132	..	..	132	44
	2014	..	129	..	..	129	43
	2015	..	130	..	..	130	43
Azerbaijan	2012	1,297	..	60	-25	1,262	135
	2013	1,407	..	25	66	1,316	139
	2014	1,238	194	13	30	1,389	144
	2015	1,224	46	5	-50	1,315	135
Bahrain	2012	664	..	0	-5	669	502
	2013	596	..	1	-108	703	521
	2014	753	..	0	4	749	550
	2015	821	..	4	39	778	565
Bangladesh	2012	114	116	..	..	230	1
	2013	137	98	..	..	235	1
	2014	130	36	..	..	166	1
	2015	122	34	..	..	156	1

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Bhutan	2012	..	22	..	..	22	30
	2013	..	22	..	..	22	30
	2014	..	23	..	..	23	30
	2015	..	25	..	..	25	32
Brunei Darussalam	2012	146	116	..	1	261	644
	2013	167	99	..	1	265	644
	2014	118	163	..	9	272	652
	2015	156	119	..	-2	277	655
Cambodia	2012	..	388	..	..	388	26
	2013	..	392	..	..	392	26
	2014	..	427	..	..	427	28
	2015	..	481	..	..	481	31
China	2012	89,135	5	2,917	5,203	81,020	60
	2013	97,665	0	4,687	-42	93,020	68
	2014	109,574	34	5,075	7,550	96,982	71
	2015	120,251	170	5,893	1,463	113,066	82
China, Hong Kong SAR	2012	..	557	11	-1	547	77
	2013	..	560	14	-19	565	79
	2014	..	515	18	-91	588	81
	2015	..	692	7	71	614	84
China, Macao SAR	2012	..	65	..	..	65	117
	2013	..	71	..	..	71	125
	2014	..	72	..	-3	75	130
	2015	..	76	..	1	75	128
Cyprus	2012	..	364	..	0	364	322
	2013	..	343	..	-2	345	302
	2014	..	342	..	2	340	295
	2015	..	362	..	14	348	299
Georgia	2012	4	384	0	0	388	94
	2013	0	376	2	-8	383	94
	2014	0	374	1	-8	381	95
	2015	..	441	1	18	423	106
India	2012	30,118	147	16,657	0	13,608	11
	2013	30,275	235	13,514	-132	17,128	13
	2014	32,325	328	15,942	-1,876	18,587	14
	2015	35,321	993	15,893	-1,346	21,767	17
Indonesia	2012	9,506	13,176	15	..	22,667	91
	2013	8,418	14,648	9	..	23,057	92
	2014	8,891	14,932	19	..	23,804	94
	2015	9,022	14,714	2	..	23,734	92
Iran (Islamic Rep. of)	2012	14,695	411	..	..	15,106	198
	2013	16,358	992	..	..	17,349	225
	2014	16,419	1,235	..	..	17,654	226
	2015	16,338	2,699	..	..	19,037	241
Iraq	2012	3,094	2,332	..	16	5,410	164
	2013	3,089	2,024	..	-150	5,263	154
	2014	2,413	1,851	..	37	4,227	120
	2015	1,853	1,394	..	-807	4,054	111
Israel	2012	2,809	1,007	762	11	3,043	395
	2013	3,110	566	883	16	2,777	355
	2014	2,792	541	741	38	2,554	322
	2015	2,748	566	564	-97	2,847	353

Table 18

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Japan	2012	39,142	2,125	847	71	40,349	317
	2013	40,183	1,222	1,266	0	40,139	316
	2014	39,365	1,107	2,211	-48	38,309	302
	2015	40,295	847	2,809	-8	38,341	303
Jordan	2012	716	423	..	34	1,105	158
	2013	663	507	..	-11	1,182	164
	2014	634	520	..	2	1,153	155
	2015	643	659	..	14	1,288	170
Kazakhstan	2012	2,877	1,264	41	298	3,802	226
	2013	2,738	1,140	38	-6	3,846	225
	2014	3,023	1,143	22	319	3,825	220
	2015	2,864	1,362	0	13	4,213	239
Korea, Dem.Ppl's.Rep.	2012	176	11	..	..	187	8
	2013	194	11	..	..	205	8
	2014	178	11	..	..	189	8
	2015	178	15	..	..	193	8
Korea, Republic of	2012	15,306	12	7,422	121	7,775	157
	2013	15,162	222	7,486	188	7,710	155
	2014	16,359	0	8,575	245	7,539	151
	2015	17,729	45	9,296	-169	8,647	172
Kuwait	2012	2,202	..	67	-491	2,626	768
	2013	2,420	..	69	-462	2,813	783
	2014	2,455	..	70	-486	2,871	765
	2015	3,175	..	91	287	2,797	719
Kyrgyzstan	2012	11	908	5	29	885	157
	2013	9	802	17	-11	805	140
	2014	63	676	25	-6	720	123
	2015	115	625	32	18	690	116
Lao People's Dem. Rep.	2012	..	158	..	..	158	24
	2013	..	*160	..	..	*160	*24
	2014	..	158	..	..	158	24
	2015	..	*160	..	..	*160	*24
Lebanon	2012	..	1,685	..	..	1,685	342
	2013	..	1,596	..	..	1,596	302
	2014	..	1,720	..	..	1,720	306
	2015	..	1,742	..	..	1,742	298
Malaysia	2012	4,395	5,633	1,978	-166	8,216	283
	2013	4,475	8,386	82	700	12,079	410
	2014	4,681	7,741	34	33	12,355	413
	2015	4,788	7,216	382	-75	11,697	386
Maldives	2012	..	38	..	..	38	110
	2013	..	43	..	..	43	122
	2014	..	44	..	..	44	124
	2015	..	39	..	..	39	106
Mongolia	2012	..	389	..	..	389	139
	2013	..	380	..	..	380	133
	2014	..	416	..	..	416	143
	2015	..	434	..	..	434	146
Myanmar	2012	330	216	..	12	534	10
	2013	230	323	..	2	551	10
	2014	234	894	..	-209	1,337	25
	2015	222	1,344	..	24	1,542	29

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Nepal	2012	..	223	..	..	223	8
	2013	..	253	..	..	253	9
	2014	..	288	..	..	288	10
	2015	..	169	..	..	169	6
Oman	2012	2,752	77	404	12	2,413	681
	2013	2,548	186	250	-92	2,576	659
	2014	2,973	..	232	-18	2,759	651
	2015	2,974	..	50	-27	2,951	657
Other Asia	2012	6,740	..	3,220	44	3,476	149
	2013	7,274	..	4,068	30	3,176	136
	2014	7,460	..	4,032	-143	3,571	153
	2015	7,872	149	4,113	198	3,710	159
Pakistan	2012	1,514	1,818	0	-21	3,353	19
	2013	1,595	2,296	0	13	3,878	21
	2014	1,614	3,322	0	182	4,754	26
	2015	1,728	3,250	0	0	4,978	26
Philippines	2012	1,412	1,456	14	18	2,837	30
	2013	1,255	1,718	10	-78	3,041	31
	2014	1,303	1,744	7	639	2,401	24
	2015	2,011	1,782	198	497	3,098	31
Qatar	2012	1,956	..	598	11	1,347	668
	2013	1,600	..	335	0	1,265	602
	2014	1,976	..	300	0	1,676	772
	2015	1,583	..	162	0	1,421	636
Saudi Arabia	2012	17,103	3,945	1,774	-1,350	20,624	699
	2013	15,790	5,669	1,629	-1,757	21,587	715
	2014	18,867	6,766	2,027	1,249	22,357	724
	2015	24,577	10,991	8,328	126	27,113	860
Singapore	2012	*10,224	13,213	22,948	-271	760	143
	2013	10,118	13,132	22,209	180	862	159
	2014	*10,736	13,963	23,847	1	852	155
	2015	*10,218	14,757	23,938	206	831	148
Sri Lanka	2012	152	575	..	-24	751	37
	2013	144	539	..	-104	787	38
	2014	152	585	..	-99	836	41
	2015	154	899	..	217	836	40
State of Palestine	2012	..	144	..	0	144	33
	2013	..	176	..	0	176	40
	2014	..	198	..	-11	209	46
	2015	..	216	..	0	216	46
Syrian Arab Republic	2012	677	620	..	..	1,297	65
	2013	448	825	..	..	1,273	66
	2014	448	523	..	..	971	52
	2015	448	493	..	..	941	51
Tajikistan	2012	1	149	..	..	150	19
	2013	1	138	..	..	139	17
	2014	1	247	..	..	248	30
	2015	..	215	..	..	215	25
Thailand	2012	6,354	217	1,092	*128	5,351	80
	2013	6,474	191	1,211	146	5,308	79
	2014	6,307	644	976	518	5,457	81
	2015	7,186	571	1,109	513	6,135	90

Table 18

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Timor-Leste	2012	..	*20	..	..	*20	*18
	2013	..	*23	..	..	*23	*20
	2014	..	*23	..	..	*23	*20
	2015	..	*23	..	..	*23	*19
Turkey	2012	4,379	48	2,631	2	1,794	24
	2013	4,314	20	2,506	-81	1,909	25
	2014	4,008	0	2,088	-25	1,945	25
	2015	5,180	0	3,119	-8	2,069	26
Turkmenistan	2012	2,010	..	851	..	1,159	224
	2013	2,220	..	940	..	1,280	244
	2014	2,610	..	1,105	..	1,505	284
	2015	2,610	..	1,105	..	1,505	280
United Arab Emirates	2012	3,750	1,961	..	..	5,711	638
	2013	3,912	3,104	..	..	7,016	776
	2014	3,610	4,364	..	..	7,974	878
	2015	4,931	3,187	851	..	7,267	794
Uzbekistan	2012	1,226	..	26	..	1,200	42
	2013	1,105	..	23	..	1,082	37
	2014	1,041	..	22	..	1,019	35
	2015	1,010	..	21	..	989	33
Viet Nam	2012	2,072	2,805	342	-18	4,553	50
	2013	2,515	2,323	193	31	4,614	50
	2014	2,618	2,421	182	0	4,857	53
	2015	2,747	2,681	243	3	5,182	55
Yemen	2012	128	1,022	..	..	1,150	46
	2013	182	1,393	..	..	1,575	62
	2014	161	1,230	..	..	1,391	53
	2015	159	629	..	..	788	29
Europe	2012	174,497	32,557	85,270	-325	122,109	166
	2013	168,821	30,103	81,187	869	116,868	158
	2014	166,995	30,402	80,359	-272	117,310	159
	2015	172,177	32,085	91,505	-206	112,962	153
Albania	2012	..	100	..	..	100	35
	2013	..	147	..	36	111	39
	2014	..	177	..	57	120	42
	2015	..	159	..	41	118	41
Andorra	2012	..	20	..	..	20	254
	2013	..	19	..	..	19	248
	2014	..	19	..	..	19	255
	2015	..	19	..	..	19	263
Austria	2012	1,635	884	776	-48	1,791	212
	2013	1,631	814	829	-102	1,718	202
	2014	1,868	771	871	64	1,704	200
	2015	1,812	826	974	-29	1,693	198
Belarus	2012	3,729	1	2,606	37	1,087	115
	2013	3,683	3	2,517	48	1,121	118
	2014	3,945	1	2,752	58	1,136	120
	2015	3,925	35	2,841	7	1,112	117
Belgium	2012	4,581	931	4,446	-27	1,093	99
	2013	4,271	631	3,874	12	1,016	91
	2014	4,622	828	4,220	93	1,137	101
	2015	4,965	1,252	5,132	-20	1,105	98

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Bosnia and Herzegovina	2012	109	129	46	0	192	50
	2013	146	118	63	1	200	52
	2014	152	118	78	3	189	50
	2015	130	124	53	8	193	51
Bulgaria	2012	1,658	254	1,386	13	513	70
	2013	1,757	228	1,526	37	422	58
	2014	1,600	238	1,358	-2	482	67
	2015	1,788	234	1,559	-33	496	69
Croatia	2012	990	169	549	20	590	138
	2013	928	99	472	-21	576	135
	2014	805	142	428	-14	533	125
	2015	843	218	519	10	532	125
Czechia	2012	1,534	460	298	27	1,669	158
	2013	1,341	559	332	-2	1,570	149
	2014	1,576	449	459	-27	1,593	151
	2015	1,653	518	593	3	1,575	149
Denmark	2012	2,011	758	1,364	-13	1,418	253
	2013	2,033	629	1,348	2	1,312	233
	2014	1,854	642	1,215	-6	1,287	228
	2015	2,335	668	1,336	24	1,643	290
Estonia	2012	..	511	261	-2	252	190
	2013	..	358	118	5	235	178
	2014	..	434	194	-2	242	184
	2015	..	403	142	25	236	180
Faeroe Islands	2012	..	*11	..	..	*11	*230
	2013	..	*14	..	..	*14	*295
	2014	..	*11	..	..	*11	*220
	2015	..	*11	..	..	*11	*220
Finland	2012	4,313	62	2,491	9	1,875	346
	2013	4,303	614	3,102	64	1,751	321
	2014	4,436	493	3,123	-72	1,878	343
	2015	3,678	499	2,384	-38	1,831	333
France	2012	12,331	373	4,513	-143	8,334	131
	2013	11,253	203	3,701	-110	7,865	123
	2014	11,627	284	3,813	59	8,039	125
	2015	11,777	491	4,098	-96	8,266	125
Germany	2012	20,734	1,558	4,992	-37	17,337	215
	2013	20,448	1,832	5,036	-48	17,292	215
	2014	20,094	1,790	4,820	-29	17,093	212
	2015	20,127	1,919	4,443	42	17,561	218
Gibraltar	2012	..	27	..	..	27	860
	2013	..	29	..	..	29	914
	2014	..	32	..	..	32	1,000
	2015	..	34	..	..	34	1,055
Greece	2012	4,592	380	2,382	-11	2,601	234
	2013	4,205	334	2,018	71	2,450	222
	2014	4,649	351	2,571	-21	2,450	223
	2015	4,611	516	2,787	-79	2,419	221
Hungary	2012	1,210	318	235	11	1,282	129
	2013	1,115	337	250	9	1,193	120
	2014	1,166	442	294	22	1,292	131
	2015	1,202	466	294	35	1,339	136

Table 18

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Iceland	2012	0	138	..	1	137	424
	2013	0	133	..	-2	135	415
	2014	0	133	..	1	132	403
	2015	2	139	..	7	134	407
Ireland	2012	546	1,013	406	-15	1,168	250
	2013	546	833	166	-2	1,215	260
	2014	528	882	262	-3	1,151	246
	2015	640	853	392	5	1,096	234
Italy	2012	18,333	44	9,229	-219	9,367	157
	2013	15,431	357	7,897	188	7,703	129
	2014	15,431	385	7,023	-55	8,848	148
	2015	15,820	502	8,532	-86	7,876	132
Latvia	2012	10	235	7	9	229	112
	2013	10	225	20	1	214	106
	2014	10	215	20	-18	223	112
	2015	12	237	45	-4	208	106
Lithuania	2012	2,504	22	2,353	33	140	46
	2013	2,535	15	2,466	-45	129	44
	2014	2,103	22	1,998	-8	135	46
	2015	2,403	64	2,289	29	149	52
Luxembourg	2012	..	350	..	-1	351	659
	2013	..	317	..	-2	319	585
	2014	..	310	..	..	310	557
	2015	..	286	..	-10	296	522
Malta	2012	..	64	..	-9	73	176
	2013	..	73	..	1	72	173
	2014	..	78	..	5	73	175
	2015	..	77	..	1	76	182
Montenegro	2012	..	48	11	..	37	59
	2013	..	45	13	..	32	51
	2014	..	43	11	-3	35	56
	2015	..	41	10	-5	36	58
Netherlands	2012	7,097	11,972	19,233	189	-353	-21
	2013	6,527	9,679	17,370	116	-1,280	-76
	2014	6,528	9,500	18,879	116	-2,967	-176
	2015	5,629	10,033	20,833	87	-5,258	-311
Norway	2012	3,697	177	2,433	22	1,419	283
	2013	3,873	160	2,186	27	1,820	358
	2014	3,314	166	2,138	-65	1,407	273
	2015	4,004	239	2,785	17	1,441	277
Poland	2012	4,020	437	678	-99	3,878	100
	2013	4,052	414	872	-95	3,689	96
	2014	3,833	371	672	-56	3,588	93
	2015	4,177	363	762	-22	3,800	98
Portugal	2012	1,864	160	898	-26	1,152	110
	2013	2,338	102	1,293	67	1,080	103
	2014	1,924	154	976	21	1,081	104
	2015	2,721	137	1,786	1	1,071	103
Republic of Moldova	2012	..	161	..	-8	169	41
	2013	..	162	..	0	162	40
	2014	..	151	..	-8	159	39
	2015	..	164	..	1	163	40

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Romania	2012	2,751	113	1,549	-45	1,360	68
	2013	2,863	129	1,692	31	1,269	64
	2014	2,998	80	1,729	-46	1,395	71
	2015	2,982	106	1,785	-26	1,329	68
Russian Federation	2012	38,232	219	3,205	185	35,061	245
	2013	39,379	615	4,334	-29	35,689	249
	2014	38,935	1,059	3,657	-166	36,503	255
	2015	39,235	809	4,746	-83	35,381	247
Serbia	2012	372	55	0	12	415	46
	2013	401	52	68	-11	396	44
	2014	464	53	120	2	395	44
	2015	484	39	121	0	402	45
Slovakia	2012	1,407	220	1,008	28	591	109
	2013	1,449	215	1,068	-16	612	113
	2014	1,349	209	971	10	577	106
	2015	1,536	237	1,174	0	599	110
Slovenia	2012	..	686	150	22	514	249
	2013	..	579	113	-4	470	228
	2014	..	494	68	-15	441	213
	2015	..	551	116	4	431	208
Spain	2012	7,543	81	3,378	-90	4,336	93
	2013	7,735	77	3,407	-25	4,430	95
	2014	7,569	77	3,262	57	4,327	94
	2015	9,403	103	4,741	12	4,753	103
Sweden	2012	4,715	1,177	2,829	-55	3,118	327
	2013	3,706	1,244	1,952	178	2,820	293
	2014	5,081	1,815	3,520	13	3,363	347
	2015	5,245	1,697	3,860	-51	3,133	320
Switzerland	2012	1,032	1,910	18	-8	2,932	364
	2013	1,391	1,403	20	-27	2,801	343
	2014	1,427	1,248	14	-20	2,681	325
	2015	715	1,645	4	-113	2,469	296
T.F.Yug.Rep. Macedonia	2012	46	106	38	8	106	51
	2013	22	101	18	-16	122	59
	2014	1	104	4	-1	102	49
	2015	0	105	2	0	103	50
Ukraine	2012	1,636	2,039	460	-31	3,246	72
	2013	1,088	1,761	237	73	2,539	56
	2014	738	2,147	157	-135	2,863	64
	2015	659	1,468	29	-16	2,114	47
United Kingdom	2012	19,265	4,184	11,042	-64	12,471	196
	2013	18,361	4,443	10,809	459	11,536	180
	2014	16,368	3,485	8,682	-81	11,252	175
	2015	17,664	3,798	10,338	146	10,978	170
Oceania	2012	13,091	4,104	128	-6	17,073	454
	2013	12,521	4,091	74	105	16,433	430
	2014	11,283	4,075	97	-133	15,394	397
	2015	11,056	5,480	87	121	16,328	415
Australia	2012	11,719	2,683	128	-9	14,283	623
	2013	11,153	2,671	74	77	13,673	588
	2014	10,007	2,630	97	-108	12,648	535
	2015	9,598	4,046	87	120	13,437	561

Table 18

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Cook Islands	2012	..	*6	..	..	*6	*278
	2013	..	*6	..	..	*6	*276
	2014	..	*6	..	..	*6	*290
	2015	..	*6	..	..	*6	*269
Fiji	2012	..	69	..	..	69	79
	2013	..	*75	..	..	*75	*85
	2014	..	*90	..	..	*90	*102
	2015	..	105	..	..	105	118
French Polynesia	2012	..	46	..	..	46	169
	2013	..	46	..	..	46	167
	2014	..	46	..	..	46	164
	2015	..	50	..	..	50	175
Kiribati	2012	..	5	..	..	5	46
	2013	..	5	..	..	5	47
	2014	..	5	..	..	5	43
	2015	..	*5	..	..	*5	*43
Marshall Islands	2012	..	*11	..	..	*11	*199
	2013	..	*11	..	..	*11	*208
	2014	..	*11	..	..	*11	*208
	2015	..	*12	..	..	*12	*217
Micronesia (Fed. States of)	2012	..	*14	..	..	*14	*135
	2013	..	*15	..	..	*15	*145
	2014	..	*18	..	..	*18	*172
	2015	..	*18	..	..	*18	*171
Nauru	2012	..	*1	..	..	*1	*109
	2013	..	*1	..	..	*1	*119
	2014	..	*1	..	..	*1	*124
	2015	..	*1	..	..	*1	*128
New Caledonia	2012	..	74	..	1	73	286
	2013	..	73	..	-3	77	299
	2014	..	73	..	-2	76	291
	2015	..	76	..	3	73	277
New Zealand	2012	1,359	1,100	..	7	2,452	553
	2013	1,341	1,118	..	25	2,434	545
	2014	1,273	1,090	..	-21	2,384	530
	2015	1,448	1,051	..	-2	2,501	552
Niue	2012	..	1	..	..	1	351
	2013	..	1	..	..	1	386
	2014	..	1	..	..	1	421
	2015	..	1	..	..	1	447
Palau	2012	..	*11	..	..	*11	*530
	2013	..	*12	..	..	*12	*574
	2014	..	*12	..	..	*12	*569
	2015	..	*12	..	..	*12	*564
Papua New Guinea	2012	13	28	..	-5	46	6
	2013	27	0	..	7	21	3
	2014	3	31	..	-2	36	5
	2015	*10	*30	..	0	*40	*5
Samoa	2012	..	*23	..	..	*23	*119
	2013	..	22	..	0	22	117
	2014	..	22	..	..	22	115
	2015	..	32	0	..	32	166

Production, trade and supply of motor gasoline

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Solomon Islands	2012	..	*16	..	..	*16	*29
	2013	..	*17	..	..	*17	*30
	2014	..	*17	..	..	*17	*30
	2015	..	*16	..	..	*16	*27
Tonga	2012	..	9	..	..	9	82
	2013	..	10	..	..	10	94
	2014	..	11	..	..	11	101
	2015	..	12	..	..	12	111
Tuvalu	2012	..	*1	..	..	*1	*112
	2013	..	*1	..	..	*1	*111
	2014	..	*1	..	..	*1	*121
	2015	..	*1	..	..	*1	*121
Vanuatu	2012	..	6	..	..	6	25
	2013	..	6	..	..	6	23
	2014	..	9	..	..	9	36
	2015	..	7	..	..	7	26
Wallis and Futuna Is.	2012	..	1	..	..	1	102
	2013	..	*1	..	..	*1	*101
	2014	..	*1	..	..	*1	*96
	2015	..	*1	..	..	*1	*92

Table 19

Production, trade and supply of other kerosene

Thousand metric tons and kilograms per capita

Table Notes

Production includes output from refineries and plants.

For China, data up to 2013 include kerosene-type jet fuel.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/ classification, and xvi to xvii for the descriptions of relevant flows.

Figure 51: Production of other kerosene by region, 1990-2015

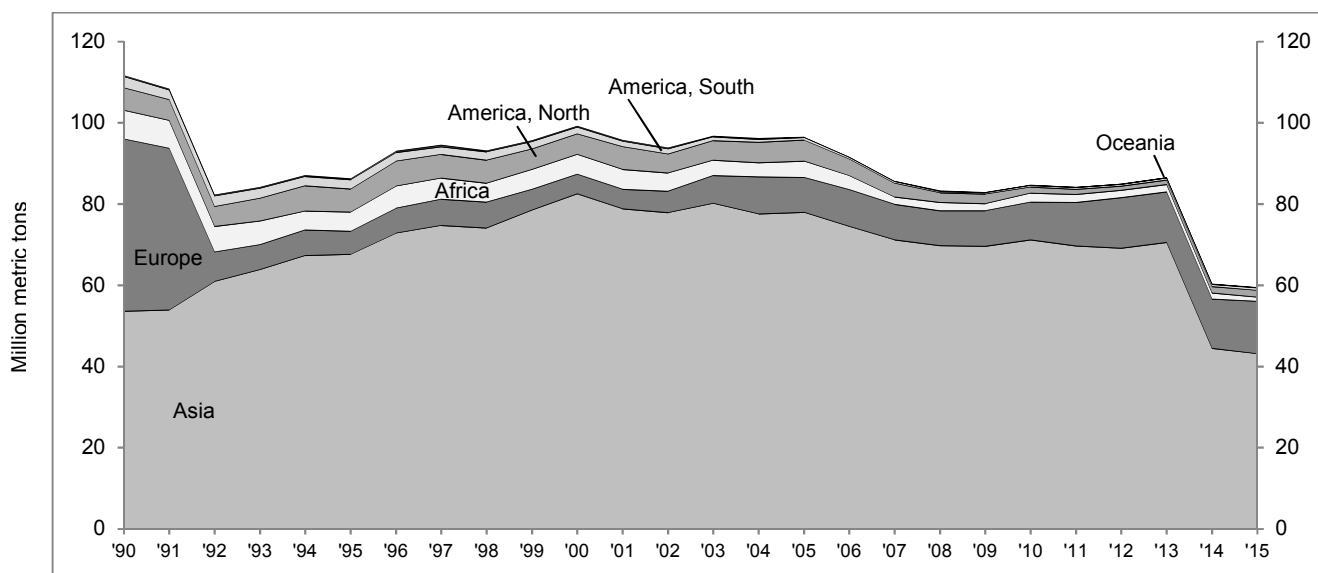


Figure 52: Major other kerosene producing countries, 2015

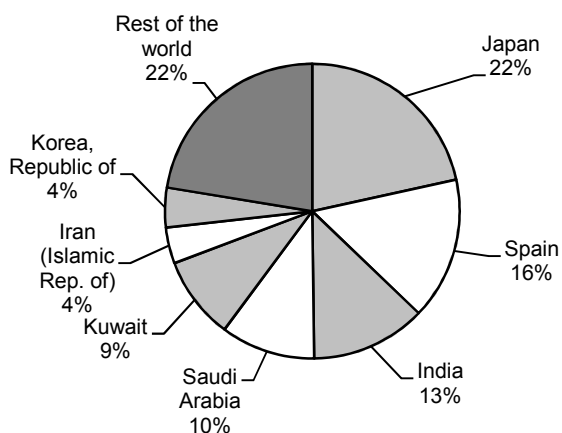
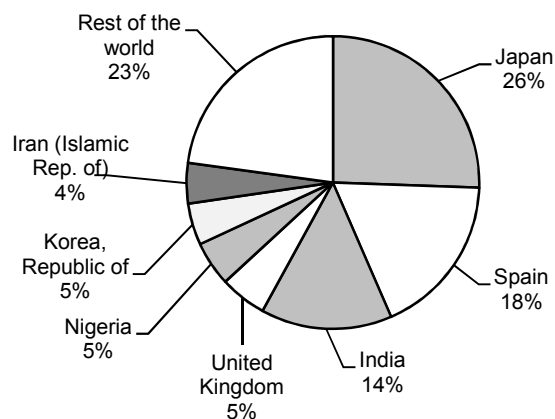


Figure 53: Major other kerosene consuming countries, 2015



Production, trade and supply of other kerosene

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
World	2012	84,915	17,157	21,669	-527	80,930	11
	2013	86,512	18,439	24,806	853	79,292	11
	2014	60,311	8,586	15,727	1,065	52,105	7
	2015	59,481	8,473	15,168	792	51,994	7
Africa	2012	1,814	3,400	234	-14	4,994	5
	2013	1,805	3,157	99	23	4,839	4
	2014	1,499	3,208	135	36	4,535	4
	2015	1,022	3,624	156	40	4,450	4
Angola	2012	76	0	..	6	70	3
	2013	89	0	..	23	66	3
	2014	69	6	..	39	36	1
	2015	63	0	..	38	25	1
Benin	2012	..	182	..	..	182	18
	2013	..	84	..	..	84	8
	2014	..	44	..	..	44	4
	2015	..	12	..	..	12	1
Botswana	2012	..	22	..	..	22	10
	2013	..	17	..	..	17	8
	2014	..	20	..	..	20	9
	2015	..	10	..	..	10	5
Burkina Faso	2012	..	1	..	*-13	*15	*1
	2013	..	2	..	*-7	*9	*1
	2014	..	4	..	*-3	7	0
	2015	..	4	..	*-2	6	0
Burundi	2012	..	3	..	0	2	0
	2013	..	3	..	0	3	0
	2014	..	0	..	0	0	0
	2015	..	0	..	0	0	0
Cabo Verde	2012	..	1	..	..	1	1
	2013	..	0	..	..	0	1
	2014	..	0	..	..	0	1
	2015	..	*1	..	..	*1	*1
Central African Rep.	2012	..	*28	..	..	*28	*6
	2013	..	*28	..	..	*28	*6
	2014	..	*28	..	..	*28	*6
	2015	..	*29	..	..	*29	*6
Chad	2012	..	*1	..	..	*1	0
	2013	..	*1	..	..	*1	0
	2014	..	*1	..	..	*1	0
	2015	..	*1	..	..	*1	0
Comoros	2012	..	*9	..	..	*9	*12
	2013	..	*10	..	..	*10	*13
	2014	..	*10	..	..	*10	*13
	2015	..	*10	..	..	*10	*13
Congo	2012	20	..	..	..	20	5
	2013	21	..	..	..	21	5
	2014	20	..	..	..	20	4
	2015	19	..	..	..	19	4
Côte d'Ivoire	2012	59	..	..	..	59	3
	2013	85	..	..	..	85	4
	2014	54	..	..	..	54	2
	2015	9	..	..	..	9	0

Table 19

Production, trade and supply of other kerosene

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Dem. Rep. of the Congo	2012	..	9	..	..	9	0
	2013	..	10	..	..	10	0
	2014	..	3	..	..	3	0
	2015	..	2	..	..	2	0
Djibouti	2012	..	*12	..	..	*12	*14
	2013	..	*13	..	..	*13	*15
	2014	..	*13	..	..	*13	*15
	2015	..	*13	..	..	*13	*15
Egypt	2012	296	..	*215	..	81	1
	2013	86	..	0	..	86	1
	2014	41	..	36	..	5	0
	2015	62	..	56	..	6	0
Equatorial Guinea	2012	..	*10	..	..	*10	*13
	2013	..	*10	..	..	*10	*13
	2014	..	*10	..	..	*10	*12
	2015	..	*10	..	..	*10	*12
Eritrea	2012	..	14	..	..	14	3
	2013	..	14	..	..	14	3
	2014	..	14	..	..	14	3
	2015	..	14	..	..	14	3
Ethiopia	2012	..	269	..	-2	271	3
	2013	..	269	..	3	266	3
	2014	..	305	..	-1	306	3
	2015	..	257	..	..	257	3
Gabon	2012	22	15	..	..	37	23
	2013	28	13	..	..	41	25
	2014	27	10	..	..	37	22
	2015	27	9	..	..	36	21
Ghana	2012	21	..	..	..	21	1
	2013	15	..	..	..	15	1
	2014	5	..	..	..	5	0
	2015	0	..	..	..	0	0
Guinea	2012	..	12	..	..	12	1
	2013	..	11	..	..	11	1
	2014	..	11	..	..	11	1
	2015	..	11	..	..	11	1
Guinea-Bissau	2012	..	*8	..	..	*8	*5
	2013	..	*8	..	..	*8	*5
	2014	..	*9	..	..	*9	*5
	2015	..	*9	..	..	*9	*5
Kenya	2012	67	242	..	..	309	7
	2013	33	339	77	..	295	7
	2014	0	373	77	..	296	7
	2015	0	472	83	..	389	8
Lesotho	2012	..	28	..	..	28	14
	2013	..	27	..	..	27	13
	2014	..	*28	..	..	*28	*13
	2015	..	29	..	..	29	14
Libya	2012	200	190	0	..	390	62
	2013	251	40	0	..	291	46
	2014	115	108	0	..	223	36
	2015	102	17	..	..	119	19

Production, trade and supply of other kerosene

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Madagascar	2012	..	44	..	0	43	2
	2013	..	25	..	0	25	1
	2014	..	*32	..	0	*32	*1
	2015	..	31	..	0	31	1
Malawi	2012	..	5	..	..	5	0
	2013	..	1	..	..	1	0
	2014	..	1	..	..	1	0
	2015	..	0	..	..	0	0
Mali	2012	..	*32	..	..	*32	*2
	2013	..	*32	..	..	*32	*2
	2014	..	*33	..	..	*33	*2
	2015	..	*33	..	..	*33	*2
Mauritius	2012	..	7	..	3	4	3
	2013	..	3	..	2	1	1
	2014	..	2	..	1	1	1
	2015	..	3	..	2	1	1
Mayotte	2012	..	2	..	..	2	10
	2013	..	2	..	..	2	9
	2014	..	2	..	..	2	9
	2015	..	2	..	..	2	9
Namibia	2012	..	3	..	..	3	1
	2013	..	2	..	..	2	1
	2014	..	2	..	..	2	1
	2015	..	2	..	..	2	1
Niger	2012	..	2	..	0	2	0
	2013	..	2	..	0	2	0
	2014	..	2	..	0	2	0
	2015	..	1	..	0	1	0
Nigeria	2012	544	1,948	..	..	2,492	15
	2013	671	1,912	..	..	2,583	15
	2014	629	1,862	..	..	2,491	14
	2015	189	2,369	..	..	2,558	14
Rwanda	2012	..	*16	..	..	*16	*1
	2013	..	*15	..	..	*15	*1
	2014	..	*15	..	..	*15	*1
	2015	..	*20	..	..	*20	*2
Sao Tome and Principe	2012	..	*4	..	..	*4	*20
	2013	..	*4	..	..	*4	*19
	2014	..	*4	..	..	*4	*19
	2015	..	*4	..	..	*4	*19
Senegal	2012	1	..	..	..	1	0
	2013	0	..	..	..	0	0
	2014	2	..	..	..	2	0
	2015	2	..	..	..	2	0
Seychelles	2012	..	*1	..	..	*1	*11
	2013	..	*1	..	..	*1	*11
	2014	..	*1	..	..	*1	*10
	2015	..	*1	..	..	*1	*10
Sierra Leone	2012	..	14	..	..	14	2
	2013	..	13	..	..	13	2
	2014	..	14	..	..	14	2
	2015	..	*11	..	..	*11	*2

Table 19

Production, trade and supply of other kerosene

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Somalia	2012	..	*38	..	..	*38	*4
	2013	..	*38	..	..	*38	*4
	2014	..	*38	..	..	*38	*4
	2015	..	*38	..	..	*38	*4
South Africa	2012	430	..	1	..	429	8
	2013	424	..	1	..	423	8
	2014	446	..	1	..	445	8
	2015	459	..	1	..	458	8
South Sudan	2012	..	2	..	..	2	0
	2013	..	2	..	..	2	0
	2014	..	2	..	..	2	0
	2015	..	1	..	..	1	0
Sudan	2012	8	..	..	..	8	0
	2013	19	..	..	..	19	0
	2014	3	..	..	..	3	0
	2015	3	..	..	..	3	0
Swaziland	2012	..	*8	..	..	*8	*6
	2013	..	*9	..	..	*9	*7
	2014	..	9	..	..	9	7
	2015	..	*9	..	..	*9	*7
Togo	2012	..	57	..	..	57	8
	2013	..	59	..	..	59	9
	2014	..	61	..	..	61	9
	2015	..	62	..	..	62	8
Tunisia	2012	37	0	..	-8	45	4
	2013	52	0	..	2	50	5
	2014	53	0	..	0	53	5
	2015	55	0	..	2	54	5
Uganda	2012	..	60	..	..	60	2
	2013	..	59	..	..	59	2
	2014	..	54	..	..	54	1
	2015	..	49	..	..	49	1
United Rep. of Tanzania	2012	..	65	..	..	65	1
	2013	..	37	..	..	37	1
	2014	..	31	..	..	31	1
	2015	..	28	..	..	28	1
Zambia	2012	33	..	18	..	15	1
	2013	31	..	21	..	10	1
	2014	35	..	21	..	14	1
	2015	32	..	16	..	16	1
Zimbabwe	2012	..	38	..	..	38	3
	2013	..	41	..	..	41	3
	2014	..	45	..	..	45	3
	2015	..	49	..	..	49	3
America, North	2012	992	340	370	-55	1,017	2
	2013	1,172	389	365	17	1,179	2
	2014	1,587	293	459	92	1,329	2
	2015	1,713	636	614	158	1,577	3
Bahamas	2012	..	*3	..	..	*3	*9
	2013	..	*3	..	..	*3	*9
	2014	..	*3	..	..	*3	*9
	2015	..	*3	..	..	*3	*8

Production, trade and supply of other kerosene

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Barbados	2012	..	8	..	1	7	24
	2013	..	*9	..	*1	*8	*29
	2014	..	*1	..	0	*1	*2
	2015	..	1	..	0	1	2
Bermuda	2012	..	4	..	..	4	66
	2013	..	15	..	..	15	233
	2014	..	23	..	..	23	361
	2015	..	20	..	..	20	327
British Virgin Islands	2012	..	*4	..	..	*4	*140
	2013	..	*4	..	..	*4	*138
	2014	..	*4	..	..	*4	*142
	2015	..	*4	..	..	*4	*139
Canada	2012	495	108	76	33	494	14
	2013	604	171	73	-19	721	20
	2014	598	97	2	-9	702	20
	2015	832	179	..	14	997	28
Cuba	2012	31	..	..	..	31	3
	2013	29	..	..	..	29	3
	2014	25	..	..	..	25	2
	2015	28	..	..	..	28	2
Dominica	2012	..	0	..	0	0	3
	2013	..	0	..	0	0	*3
	2014	..	0	..	0	0	*3
	2015	..	0	..	0	0	*3
Dominican Republic	2012	9	..	..	..	9	1
	2013	10	..	..	..	10	1
	2014	10	..	..	..	10	1
	2015	6	..	..	..	6	1
El Salvador	2012	0	0	..	..	0	0
	2013	0	0	..	..	0	0
	2014	0	1	..	..	1	0
	2015	0	1	..	..	1	0
Grenada	2012	..	0	..	..	0	1
	2013	..	0	..	..	0	1
	2014	..	0	..	..	0	2
	2015	..	0	..	..	0	1
Guadeloupe	2012	..	0	..	..	0	0
	2013	..	0	..	..	0	1
	2014	..	0	..	..	0	1
	2015	..	0	..	..	0	1
Guatemala	2012	1	39	..	0	40	3
	2013	0	61	..	20	42	3
	2014	1	113	..	92	22	1
	2015	0	111	..	86	25	2
Haiti	2012	..	13	..	..	13	1
	2013	..	23	..	..	23	2
	2014	..	29	..	..	29	3
	2015	..	70	..	..	70	7
Honduras	2012	..	41	..	0	41	5
	2013	..	35	..	0	35	4
	2014	..	3	..	-21	24	3
	2015	..	23	..	0	23	3

Table 19

Production, trade and supply of other kerosene

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Jamaica	2012	1	..	..	..	1	1
	2013	1	..	..	..	1	0
	2014	2	..	..	..	2	1
	2015	9	..	..	..	9	3
Martinique	2012	..	*2	..	..	*2	*4
	2013	..	*2	..	..	*2	*4
	2014	..	*2	..	..	*2	*4
	2015	..	*2	..	..	*2	*4
Montserrat	2012	..	*1	..	..	*1	*99
	2013	..	*1	..	..	*1	*99
	2014	..	*1	..	..	*1	*98
	2015	..	*1	..	..	*1	*98
Nicaragua	2012	5	..	..	..	5	1
	2013	5	..	..	..	5	1
	2014	6	..	..	..	6	1
	2015	7	..	..	..	7	1
Panama	2012	..	65	..	..	65	17
	2013	..	16	..	..	16	4
	2014	..	10	..	..	10	3
	2015	..	8	..	..	8	2
St. Kitts-Nevis	2012	..	5	..	..	5	91
	2013	..	*5	..	..	*5	*92
	2014	..	*5	..	..	*5	*91
	2015	..	*5	..	..	*5	*94
St. Lucia	2012	..	*1	..	..	*1	*6
	2013	..	*1	..	..	*1	*6
	2014	..	*1	..	..	*1	*7
	2015	..	*1	..	..	*1	*6
Trinidad and Tobago	2012	29	..	..	..	29	22
	2013	32	..	..	..	32	24
	2014	33	..	..	..	33	24
	2015	34	..	..	..	34	25
United States	2012	420	47	294	-89	262	1
	2013	491	43	292	16	226	1
	2014	913	1	457	31	426	1
	2015	797	207	614	58	332	1
America, South	2012	501	22	..	-23	545	1
	2013	549	25	..	39	535	1
	2014	511	17	..	33	495	1
	2015	579	18	..	-10	607	1
Argentina	2012	20	..	..	6	14	0
	2013	21	..	..	1	20	0
	2014	16	..	..	-7	23	1
	2015	15	..	..	-11	26	1
Bolivia (Plur. State of)	2012	15	..	..	0	15	1
	2013	14	..	..	-1	15	1
	2014	15	..	..	0	15	1
	2015	17	..	..	0	17	2
Brazil	2012	19	..	..	0	19	0
	2013	12	..	..	0	12	0
	2014	10	..	..	0	10	0
	2015	6	..	..	0	6	0

Table 19

Production, trade and supply of other kerosene

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Chile	2012	100	0	..	-30	130	7
	2013	141	8	..	39	110	6
	2014	143	0	..	38	105	6
	2015	148	0	..	1	147	8
Colombia	2012	216	..	..	..	216	5
	2013	236	..	..	..	236	5
	2014	249	..	..	..	249	5
	2015	308	..	..	..	308	6
Ecuador	2012	5	..	..	..	5	0
	2013	5	..	..	..	5	0
	2014	3	..	..	..	3	0
	2015	3	..	..	..	3	0
Falkland Is. (Malvinas)	2012	..	*4	..	..	*4	*1,397
	2013	..	*4	..	..	*4	*1,390
	2014	..	*4	..	..	*4	*1,384
	2015	..	*4	..	..	*4	*1,378
French Guiana	2012	..	*1	..	..	*1	*5
	2013	..	*1	..	..	*1	*5
	2014	..	*1	..	..	*1	*5
	2015	..	*1	..	..	*1	*4
Guyana	2012	..	16	..	1	15	20
	2013	..	11	..	0	11	14
	2014	..	11	..	2	9	12
	2015	..	11	..	0	11	15
Peru	2012	49	..	..	0	49	2
	2013	46	..	..	0	46	2
	2014	0	..	..	0	0	0
	2015	0	..	..	0	0	0
Suriname	2012	..	0	..	..	0	1
	2013	..	0	..	..	0	1
	2014	..	0	..	..	0	1
	2015	..	0	..	..	0	1
Uruguay	2012	9	..	..	1	8	2
	2013	7	..	..	0	8	2
	2014	7	..	..	0	7	2
	2015	6	..	..	0	6	2
Venezuela (Bolivar. Rep.)	2012	68	..	..	..	68	2
	2013	67	..	..	..	67	2
	2014	68	..	..	..	68	2
	2015	76	..	..	..	76	2
Asia	2012	69,116	10,934	19,692	-324	60,683	14
	2013	70,538	11,650	22,714	534	58,941	14
	2014	44,470	2,303	13,988	1,031	31,753	7
	2015	43,184	1,452	12,727	544	31,365	7
Afghanistan	2012	..	26	..	..	26	1
	2013	..	*26	..	..	*26	*1
	2014	..	17	..	..	17	1
	2015	..	6	..	..	6	0
Azerbaijan	2012	..	20	..	0	19	2
	2013	..	28	..	3	26	3
	2014	..	5	..	0	5	0
	2015	..	15	..	1	14	1

Table 19

Production, trade and supply of other kerosene

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Bahrain	2012	0	..	0	-24	24	18
	2013	0	..	0	-28	28	21
	2014	0	..	0	-24	24	18
	2015	0	..	0	-28	28	20
Bangladesh	2012	226	20	..	-94	340	2
	2013	286	28	..	20	294	2
	2014	231	0	..	-34	265	2
	2015	245	0	..	8	237	1
Bhutan	2012	..	4	..	..	4	6
	2013	..	4	..	..	4	5
	2014	..	0	..	..	0	0
	2015	..	0	..	..	0	0
Brunei Darussalam	2012	7	..	..	..	7	17
	2013	7	..	..	..	7	17
	2014	6	..	..	..	6	14
	2015	6	..	..	..	6	14
Cambodia	2012	..	6	..	..	6	0
	2013	..	4	..	..	4	0
	2014	..	0	..	..	0	0
	2015	..	0	..	..	0	0
China	2012	21,640	8,773	7,451	-37	22,999	17
	2013	25,239	9,452	9,175	-6	25,522	19
	2014	1,003	227	28	14	1,188	1
	2015	1,928	24	16	23	1,913	1
Cyprus	2012	..	13	..	-2	15	13
	2013	..	12	..	-1	13	11
	2014	..	13	..	0	13	11
	2015	..	11	..	-1	12	10
Georgia	2012	3	0	..	-1	4	1
	2013	0	0	..	0	0	0
	2014	0	0	..	0	0	0
	2015	0	0	..	0	0	0
India	2012	7,868	0	23	0	7,845	6
	2013	7,338	0	15	-179	7,502	6
	2014	7,634	30	15	0	7,649	6
	2015	7,504	41	10	0	7,535	6
Indonesia	2012	1,396	0	248	..	1,148	5
	2013	1,233	5	206	..	1,032	4
	2014	957	0	51	..	906	4
	2015	656	0	74	..	582	2
Iran (Islamic Rep. of)	2012	4,606	..	..	..	4,606	60
	2013	3,738	..	..	..	3,738	48
	2014	3,196	..	..	..	3,196	41
	2015	2,349	..	14	..	2,335	30
Iraq	2012	2,205	394	..	..	2,599	79
	2013	2,049	366	..	..	2,415	71
	2014	1,398	250	..	..	1,648	47
	2015	1,222	219	..	..	1,441	40
Israel	2012	367	430	377	0	420	55
	2013	139	237	486	11	-121	-15
	2014	134	295	308	84	37	5
	2015	130	310	253	-36	223	28

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Production, trade and supply of other kerosene

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Japan	2012	14,779	987	117	118	15,531	122
	2013	14,404	747	596	-294	14,849	117
	2014	13,237	1,115	579	13	13,760	109
	2015	12,824	730	400	-139	13,293	105
Jordan	2012	96	..	..	15	81	12
	2013	34	..	..	-28	62	9
	2014	63	..	..	14	49	7
	2015	90	..	..	0	90	12
Kazakhstan	2012	167	48	6	32	177	11
	2013	168	77	16	5	224	13
	2014	114	71	12	3	170	10
	2015	33	0	0	-25	58	3
Korea, Dem.Ppl's.Rep.	2012	36	1	..	..	37	1
	2013	40	1	..	..	41	2
	2014	37	1	..	..	38	2
	2015	37	1	..	..	38	2
Korea, Republic of	2012	4,200	19	981	-370	3,608	73
	2013	2,918	23	863	370	1,708	34
	2014	2,330	13	570	269	1,504	30
	2015	2,590	1	487	-288	2,392	48
Kuwait	2012	4,769	..	4,721	..	48	14
	2013	6,288	..	6,246	..	42	12
	2014	6,145	..	6,105	..	40	11
	2015	5,412	..	5,370	..	42	11
Lao People's Dem. Rep.	2012	..	6	..	..	6	1
	2013	..	*6	..	..	*6	*1
	2014	..	*6	..	..	*6	*1
	2015	..	*6	..	..	*6	*1
Malaysia	2012	633	5	680	-1	-41	-1
	2013	375	280	521	-6	139	5
	2014	97	140	204	-5	38	1
	2015	6	0	41	4	-39	-1
Maldives	2012	..	0	..	..	0	0
	2013	..	7	..	..	7	19
	2014	..	7	..	..	7	20
	2015	..	1	..	..	1	3
Mongolia	2012	..	22	..	..	22	8
	2013	..	39	..	..	39	14
	2014	..	1	..	..	1	0
	2015	..	5	..	..	5	2
Myanmar	2012	1	..	..	..	1	0
	2013	0	..	..	..	0	0
	2014	0	..	..	..	0	0
	2015	1	..	..	..	1	0
Nepal	2012	..	24	..	..	24	1
	2013	..	18	..	..	18	1
	2014	..	20	..	..	20	1
	2015	..	13	..	..	13	0
Oman	2012	4	..	..	..	4	1
	2013	4	..	..	..	4	1
	2014	4	..	..	..	4	1
	2015	0	..	..	..	0	0

Table 19

Production, trade and supply of other kerosene

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Other Asia	2012	..	..	..	1	-1	0
	2013	..	..	..	-3	3	0
	2014	..	..	..	2	-2	0
	2015	2	..	..	..	2	0
Pakistan	2012	161	..	..	-4	165	1
	2013	174	..	..	-2	176	1
	2014	174	..	..	0	174	1
	2015	186	..	..	6	180	1
Philippines	2012	92	29	0	-3	125	1
	2013	87	192	0	21	258	3
	2014	59	55	0	-22	137	1
	2015	61	26	0	-2	88	1
Saudi Arabia	2012	5,124	..	4,712	65	347	12
	2013	4,775	..	4,251	166	358	12
	2014	6,209	..	5,913	-86	382	12
	2015	6,180	..	5,736	5	439	14
Singapore	2012	325	20	346	..	0	0
	2013	305	16	321	..	-1	0
	2014	172	7	179	..	1	0
	2015	312	2	313	..	1	0
Sri Lanka	2012	75	55	..	4	126	6
	2013	57	56	..	-12	126	6
	2014	65	..	..	-57	122	6
	2015	75	..	..	-55	130	6
State of Palestine	2012	..	2	..	..	2	0
	2013	..	1	..	..	1	0
	2014	..	1	..	..	1	0
	2015	..	2	..	..	2	0
Syrian Arab Republic	2012	3	..	..	..	3	0
	2013	2	..	..	..	2	0
	2014	2	..	..	..	2	0
	2015	2	..	..	..	2	0
Thailand	2012	61	..	25	*25	11	0
	2013	543	..	15	519	9	0
	2014	868	..	24	835	9	0
	2015	1,071	..	13	1,048	10	0
Turkey	2012	45	..	..	-3	48	1
	2013	53	..	..	-3	56	1
	2014	56	..	..	22	34	0
	2015	58	..	..	14	44	1
Turkmenistan	2012	140	..	..	..	140	27
	2013	140	..	..	..	140	27
	2014	150	..	..	..	150	28
	2015	150	..	..	..	150	28
Uzbekistan	2012	50	..	..	..	50	2
	2013	47	..	..	..	47	2
	2014	44	..	..	..	44	1
	2015	43	..	..	..	43	1
Viet Nam	2012	..	29	5	-46	70	1
	2013	..	25	3	-18	40	0
	2014	..	29	0	3	26	0
	2015	..	41	0	9	32	0

Production, trade and supply of other kerosene

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Yemen	2012	37	..	..	..	37	1
	2013	96	..	..	..	96	4
	2014	84	..	..	..	84	3
	2015	12	..	..	..	12	0
Europe	2012	12,477	2,411	1,373	-111	13,626	18
	2013	12,446	3,152	1,628	239	13,731	19
	2014	12,145	2,724	1,145	-126	13,850	19
	2015	12,886	2,699	1,671	61	13,853	19
Austria	2012	16	6	..	..	22	3
	2013	18	4	..	..	22	3
	2014	18	1	..	..	19	2
	2015	27	1	..	..	28	3
Belarus	2012	146	..	162	-24	8	1
	2013	102	..	99	-2	5	1
	2014	12	..	8	1	3	0
	2015	3	0	0	1	2	0
Belgium	2012	35	100	79	2	54	5
	2013	26	83	44	-5	70	6
	2014	20	71	43	5	43	4
	2015	28	97	59	11	55	5
Croatia	2012	..	1	..	..	1	0
	2013	..	1	..	..	1	0
	2014	..	2	..	..	2	0
	2015	..	3	..	..	3	1
Czechia	2012	..	3	..	..	3	0
	2013	..	2	..	..	2	0
	2014	..	2	..	..	2	0
	2015	..	3	..	..	3	0
Finland	2012	..	94	88	..	6	1
	2013	..	312	125	..	187	34
	2014	..	254	81	..	173	32
	2015	..	153	83	..	70	13
France	2012	0	461	67	-4	398	6
	2013	0	480	67	0	413	6
	2014	0	376	66	0	310	5
	2015	0	234	53	0	181	3
Germany	2012	3	11	0	-1	15	0
	2013	4	9	0	1	12	0
	2014	1	9	0	-2	12	0
	2015	0	11	0	0	11	0
Greece	2012	6	..	0	-2	8	1
	2013	0	..	2	1	-3	0
	2014	1	..	6	-1	-4	0
	2015	1	1	4	..	-2	0
Ireland	2012	131	503	6	27	601	129
	2013	106	471	5	28	544	116
	2014	137	371	8	-36	536	115
	2015	141	422	18	11	534	114
Italy	2012	672	193	144	-30	751	13
	2013	396	565	305	116	540	9
	2014	639	537	256	-73	993	17
	2015	523	414	316	50	571	10

Table 19

Production, trade and supply of other kerosene

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Latvia	2012	..	0	4	-4	0	0
	2013	..	1	1	0	0	0
	2014	..	1	1	0	0	0
	2015	..	0	0	..	0	0
Luxembourg	2012	..	1	..	..	1	2
	2013	..	1	..	..	1	2
	2014	..	0	..	..	0	0
	2015	..	1	..	..	1	2
Netherlands	2012	580	215	434	-38	399	24
	2013	407	230	299	19	319	19
	2014	382	189	371	-14	214	13
	2015	548	215	555	-11	219	13
Norway	2012	223	10	248	0	-15	-3
	2013	196	142	275	19	44	9
	2014	154	150	115	-9	198	38
	2015	287	153	416	-4	28	5
Poland	2012	1	1	..	..	2	0
	2013	1	1	..	..	2	0
	2014	0	1	..	..	1	0
	2015	0	0	..	..	0	0
Portugal	2012	1	1	..	-2	4	0
	2013	1	1	..	0	2	0
	2014	..	1	..	..	1	0
	2015	..	1	..	..	1	0
Romania	2012	23	1	..	..	24	1
	2013	5	1	..	..	6	0
	2014	8	3	..	..	11	1
	2015	11	2	..	..	13	1
Slovakia	2012	1	0	..	0	1	0
	2013	1	0	..	0	1	0
	2014	1	0	..	0	1	0
	2015	1	0	..	0	1	0
Spain	2012	8,371	0	..	2	8,369	179
	2013	8,478	0	..	-15	8,493	183
	2014	8,679	..	..	48	8,631	187
	2015	9,285	..	..	-34	9,319	202
Sweden	2012	..	1	..	..	1	0
	2013	..	1	..	..	1	0
	2014	..	1	..	..	1	0
	2015	..	..	..	..	..	..
Switzerland	2012	..	3	..	..	3	0
	2013	..	2	..	..	2	0
	2014	..	2	..	..	2	0
	2015	..	2	..	..	2	0
Ukraine	2012	..	104	29	3	72	2
	2013	..	168	28	-4	144	3
	2014	..	136	26	-1	111	2
	2015	..	123	16	-9	116	3
United Kingdom	2012	2,268	702	112	-40	2,898	46
	2013	2,705	677	378	81	2,923	46
	2014	2,093	617	164	-44	2,590	40
	2015	2,031	863	151	46	2,697	42

Production, trade and supply of other kerosene

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per Capita
Oceania	2012	15	50	0	1	65	2
	2013	2	66	0	1	67	2
	2014	101	41	0	-1	142	4
	2015	97	44	0	-1	142	4
Australia	2012	0	1	..	1	0	0
	2013	2	0	..	0	2	0
	2014	5	0	..	1	4	0
	2015	7	0	..	-1	8	0
Fiji	2012	..	1	0	..	1	1
	2013	..	1	0	..	1	1
	2014	..	1	0	..	1	1
	2015	..	0	0	..	0	0
French Polynesia	2012	..	*1	..	..	*1	*4
	2013	..	*1	..	..	*1	*4
	2014	..	*1	..	..	*1	*4
	2015	..	*1	..	..	*1	*4
Kiribati	2012	..	1	..	..	1	13
	2013	..	1	..	..	1	14
	2014	..	2	..	..	2	14
	2015	..	*2	..	..	*2	*14
New Caledonia	2012	..	*4	..	..	*4	*14
	2013	..	3	..	..	3	13
	2014	..	8	..	..	8	30
	2015	..	7	..	..	7	25
Palau	2012	..	*2	..	..	*2	*96
	2013	..	*2	..	..	*2	*96
	2014	..	*2	..	..	*2	*95
	2015	..	*2	..	..	*2	*94
Papua New Guinea	2012	15	26	..	0	41	6
	2013	0	42	..	0	42	6
	2014	96	12	..	-2	110	15
	2015	*90	*15	..	0	*105	*14
Samoa	2012	..	*12	..	..	*12	*62
	2013	..	12	..	1	11	59
	2014	..	*12	..	..	*12	*63
	2015	..	15	..	..	15	75
Solomon Islands	2012	..	*3	..	..	*3	*5
	2013	..	*3	..	..	*3	*5
	2014	..	*3	..	..	*3	*5
	2015	..	*3	..	..	*3	*5
Tonga	2012	..	0	..	..	0	3
	2013	..	0	..	..	0	1
	2014	..	0	..	..	0	1
	2015	..	0	..	..	0	1
Vanuatu	2012	..	0	..	0	0	*1
	2013	..	0	..	0	0	1
	2014	..	0	..	0	0	0
	2015	..	0	..	0	0	0

Table 20

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Table Notes

Data refer to aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

Production includes output from refineries and plants.

For China, data on kerosene-type jet fuel up to 2013 are included with other kerosene (Table 19).

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/ classification, and xvi to xvii for the descriptions of relevant flows.

Figure 54: Production of jet fuels by region, 1990-2015

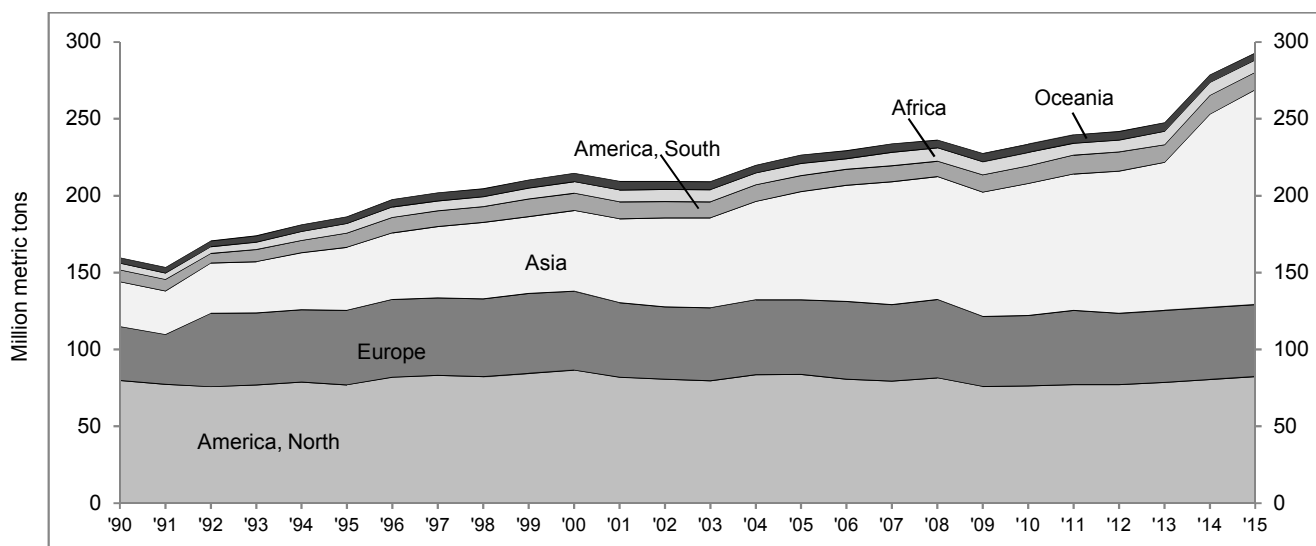


Figure 55: Major jet fuels producing countries, 2015

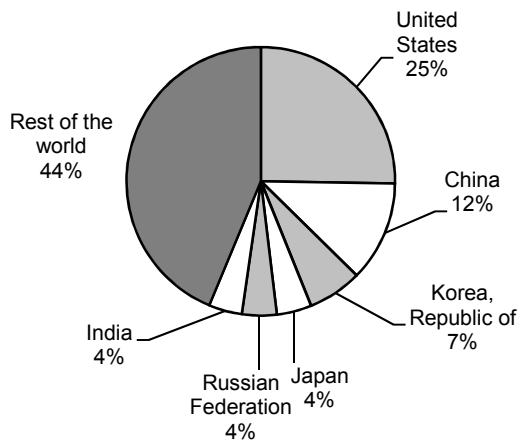
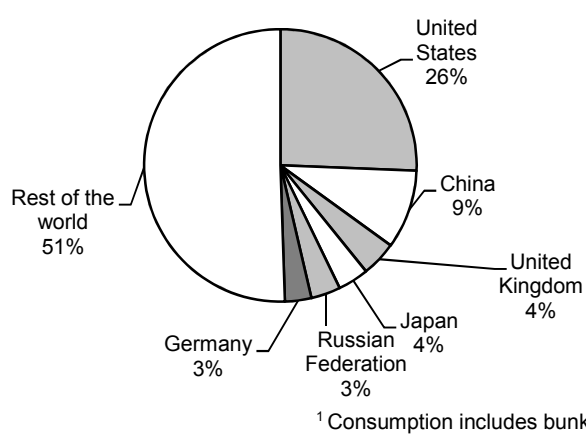


Figure 56: Major jet fuels consuming¹ countries, 2015



Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
World	2012	241,781	62,440	64,989	149,091	-1,428	91,569	13
	2013	247,368	66,895	69,648	150,894	51	93,671	13
	2014	278,514	71,320	78,900	162,234	-1,072	109,772	15
	2015	292,902	77,535	86,451	167,687	2,581	113,718	15
Africa	2012	7,859	4,112	2,887	6,729	-18	2,372	2
	2013	8,805	3,988	3,815	6,584	30	2,364	2
	2014	8,320	4,096	3,335	6,474	9	2,599	2
	2015	7,993	4,380	3,474	6,414	-87	2,572	2
Algeria	2012	1,204	..	683	506	0	15	0
	2013	1,713	..	1,124	523	8	58	2
	2014	2,001	..	1,481	415	-14	119	3
	2015	1,631	..	1,061	454	-12	128	3
Angola	2012	303	68	8	173	-1	191	8
	2013	339	109	8	201	17	222	9
	2014	393	137	8	225	49	248	10
	2015	361	60	9	213	16	183	7
Benin	2012	..	51	..	51	..	0	0
	2013	..	..	..	..	..	..	..
	2014	..	..	..	..	..	..	..
	2015	..	..	..	..	..	..	..
Botswana	2012	..	14	..	12	..	2	1
	2013	..	15	..	13	..	2	1
	2014	..	13	..	11	..	2	1
	2015	..	17	..	*9	..	8	3
Burkina Faso	2012	..	43	..	31	*11	0	0
	2013	..	55	..	43	*12	0	0
	2014	..	34	..	33	*2	0	0
	2015	..	30	..	31	*-1	0	0
Burundi	2012	..	4	..	4	0	0	0
	2013	..	4	..	4	0	0	0
	2014	..	4	..	4	0	0	0
	2015	..	3	..	3	0	0	0
Cabo Verde	2012	..	68	..	54	..	14	28
	2013	..	67	..	50	..	17	33
	2014	..	69	..	54	..	15	29
	2015	..	*70	..	*54	..	*15	*29
Cameroon	2012	278	3	118	71	..	92	4
	2013	193	3	60	75	..	61	3
	2014	272	3	81	79	..	115	5
	2015	289	7	81	84	..	131	6
Central African Rep.	2012	..	*33	..	*33	..	0	0
	2013	..	*33	..	*33	..	0	0
	2014	..	*34	..	*34	..	0	0
	2015	..	*34	..	*34	..	0	0
Chad	2012	..	*25	..	*18	..	*7	*1
	2013	..	*25	..	*18	..	*7	*1
	2014	..	*25	..	*18	..	*7	*1
	2015	..	*25	..	*18	..	*7	0
Comoros	2012	..	*4	..	*3	..	*1	*1
	2013	..	*4	..	*3	..	*1	*1
	2014	..	*4	..	*3	..	*1	*1
	2015	..	*4	..	*3	..	*1	*1

Table 20

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Congo	2012	67	30	..	47	0	50	12
	2013	56	29	..	43	0	42	10
	2014	60	36	..	40	0	56	12
	2015	57	13	..	42	..	28	6
Côte d'Ivoire	2012	792	..	731	61	..	0	0
	2013	831	..	775	56	..	0	0
	2014	683	..	617	66	..	0	0
	2015	861	..	742	125	-38	32	1
Dem. Rep. of the Congo	2012	..	139	..	139	..	0	0
	2013	..	151	..	151	..	0	0
	2014	..	226	..	226	..	0	0
	2015	..	122	..	122	..	0	0
Djibouti	2012	..	*83	..	*83	..	0	0
	2013	..	*87	..	*87	..	0	0
	2014	..	*89	..	*89	..	0	0
	2015	..	*90	..	*90	..	0	0
Egypt	2012	1,505	129	311	815	..	508	6
	2013	1,629	73	457	564	..	681	8
	2014	1,721	30	414	665	..	672	8
	2015	2,011	28	940	506	..	593	6
Equatorial Guinea	2012	..	*35	..	*35	..	0	0
	2013	..	*35	..	*35	..	0	0
	2014	..	*35	..	*35	..	0	0
	2015	..	*34	..	*34	..	0	0
Eritrea	2012	..	1	..	1	..	0	0
	2013	..	1	..	1	..	0	0
	2014	..	1	..	1	..	0	0
	2015	..	1	..	1	..	0	0
Ethiopia	2012	..	345	..	318	-29	56	1
	2013	..	432	..	350	20	62	1
	2014	..	461	..	391	1	69	1
	2015	..	478	..	411	-6	73	1
Gabon	2012	49	30	17	74	-12	0	0
	2013	63	30	17	76	0	0	0
	2014	60	28	25	63	..	0	0
	2015	61	28	25	64	..	0	0
Gambia	2012	..	16	*1	*15	..	0	0
	2013	..	22	*1	*21	..	0	0
	2014	..	15	*1	*14	..	0	0
	2015	..	*15	*1	*14	..	0	0
Ghana	2012	48	216	..	136	..	127	5
	2013	60	46	..	127	..	-21	-1
	2014	9	117	..	111	..	16	1
	2015	18	114	..	95	-2	39	1
Guinea	2012	..	*30	..	*25	..	*5	0
	2013	..	*30	..	*25	..	*5	0
	2014	..	*30	..	*25	..	*5	0
	2015	..	*30	..	*25	..	*5	0
Guinea-Bissau	2012	..	*11	..	*11	..	0	0
	2013	..	*11	..	*11	..	0	0
	2014	..	*12	..	*12	..	0	0
	2015	..	*12	..	*12	..	0	0

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Kenya	2012	157	516	0	671	0	2	0
	2013	106	447	44	551	0	-43	-1
	2014	0	212	38	210	..	-36	-1
	2015	0	314	82	301	..	-68	-1
Lesotho	2012	..	0	..	0	..	0	0
	2013	..	0	..	0	..	0	0
	2014	..	*1	..	0	..	0	0
	2015	..	3	..	0	..	2	1
Liberia	2012	..	29	..	*7	..	22	5
	2013	..	18	..	*7	..	12	3
	2014	..	21	..	*7	..	14	3
	2015	..	14	..	*7	..	8	2
Libya	2012	736	..	524	208	0	4	1
	2013	908	..	747	156	0	5	1
	2014	371	..	250	119	0	2	0
	2015	260	..	195	63	..	2	0
Madagascar	2012	..	68	..	*43	5	20	1
	2013	..	53	..	*34	1	18	1
	2014	..	*56	..	*37	*1	*18	*1
	2015	..	*57	..	*38	*1	*18	*1
Malawi	2012	..	*8	..	*7	..	*1	0
	2013	..	*8	..	*7	..	*1	0
	2014	..	*8	..	*7	..	*1	0
	2015	..	*8	..	*7	..	*1	0
Mali	2012	..	*43	..	*43	..	0	0
	2013	..	*45	..	*45	..	0	0
	2014	..	*45	..	*45	..	0	0
	2015	..	*47	..	*47	..	0	0
Mauritania	2012	..	24	..	23	..	1	0
	2013	..	21	..	20	..	1	0
	2014	..	22	..	21	..	1	0
	2015	..	*24	..	*23	..	*1	0
Mauritius	2012	..	213	..	110	-8	111	88
	2013	..	241	..	116	9	116	92
	2014	..	232	..	122	-12	122	96
	2015	..	269	..	142	7	120	94
Mayotte	2012	..	4	..	4	..	0	0
	2013	..	4	..	4	..	0	0
	2014	..	4	..	4	..	0	0
	2015	..	4	..	4	..	0	0
Morocco	2012	877	50	422	484	0	21	1
	2013	1,060	15	514	551	-15	25	1
	2014	906	30	291	606	15	24	1
	2015	412	371	180	630	-51	24	1
Mozambique	2012	..	70	..	65	..	5	0
	2013	..	77	..	70	..	7	0
	2014	..	156	..	120	..	36	1
	2015	..	108	..	*45	..	63	2
Namibia	2012	..	46	..	*39	..	7	3
	2013	..	22	..	*20	..	2	1
	2014	..	58	..	47	..	11	5
	2015	..	60	..	49	..	11	4

Table 20

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Niger	2012	..	12	..	12	..	0	0
	2013	..	22	..	22	..	0	0
	2014	..	31	..	31	..	0	0
	2015	..	41	..	41	..	0	0
Nigeria	2012	62	110	..	172	..	0	0
	2013	76	263	..	339	..	0	0
	2014	47	255	..	302	..	0	0
	2015	15	324	..	339	..	0	0
Réunion	2012	..	185	..	*54	6	125	149
	2013	..	147	..	*44	-1	103	122
	2014	..	153	..	*48	-8	112	132
	2015	..	169	..	*49	5	115	134
Rwanda	2012	..	*35	..	*20	..	*16	*1
	2013	..	*34	..	*19	..	*15	*1
	2014	..	*35	..	*20	..	*15	*1
	2015	..	45	..	*23	..	22	2
Sao Tome and Principe	2012	..	*11	..	*10	..	*1	*6
	2013	..	*11	..	*10	..	*1	*5
	2014	..	*11	..	*10	..	*1	*5
	2015	..	*11	..	*10	..	*1	*5
Senegal	2012	8	194	..	199	-1	4	0
	2013	12	251	..	250	-3	16	1
	2014	12	248	..	261	-3	2	0
	2015	13	264	..	278	-3	2	0
Seychelles	2012	..	32	..	28	..	4	38
	2013	..	30	..	28	..	1	15
	2014	..	32	..	*29	..	3	27
	2015	..	*40	..	*38	..	*2	*23
Sierra Leone	2012	..	*8	..	*8	..	0	0
	2013	..	*8	..	*8	..	0	0
	2014	..	*8	..	*8	..	0	0
	2015	..	*6	..	*6	..	0	0
Somalia	2012	..	*42	..	42	..	0	0
	2013	..	*42	..	42	..	0	0
	2014	..	*42	..	42	..	0	0
	2015	..	*42	..	42	..	0	0
South Africa	2012	1,622	271	72	871	..	950	18
	2013	1,649	219	68	863	..	937	18
	2014	1,630	259	129	841	..	919	17
	2015	1,846	246	158	928	..	1,006	18
South Sudan	2012	..	39	..	31	..	8	1
	2013	..	46	..	36	..	10	1
	2014	..	48	..	37	..	11	1
	2015	..	32	..	25	..	7	1
Sudan	2012	118	101	..	219	*4	-4	0
	2013	79	78	..	*192	*-19	*-16	0
	2014	120	124	..	244	0	0	0
	2015	126	124	..	250	0	0	0
Swaziland	2012	..	*1	..	*1	..	0	0
	2013	..	*1	..	*1	..	0	0
	2014	..	*1	..	*1	..	0	0
	2015	..	*1	..	*1	..	0	0

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Togo	2012	..	65	..	70	-7	2	0
	2013	..	68	..	73	-7	2	0
	2014	..	72	..	77	-7	2	0
	2015	..	76	..	82	-8	2	0
Tunisia	2012	..	300	..	282	14	4	0
	2013	..	304	..	283	8	13	1
	2014	..	258	..	264	-15	9	1
	2015	..	203	..	202	5	-4	0
Uganda	2012	..	110	..	110	..	0	0
	2013	..	92	..	*92	..	0	0
	2014	..	120	..	115	..	6	0
	2015	..	83	..	83	..	0	0
United Rep. of Tanzania	2012	..	122	..	122	..	0	0
	2013	..	129	..	129	..	0	0
	2014	..	138	..	138	..	0	0
	2015	..	148	..	148	..	0	0
Zambia	2012	33	17	..	50	..	0	0
	2013	31	19	..	50	..	0	0
	2014	35	4	..	39	..	0	0
	2015	32	6	..	44	..	-6	0
Zimbabwe	2012	..	10	..	10	..	0	0
	2013	..	10	..	10	..	0	0
	2014	..	11	..	11	..	0	0
	2015	..	25	..	25	..	0	0
America, North	2012	77,057	7,528	7,685	26,489	-1,271	51,683	93
	2013	78,646	9,053	9,343	26,690	-156	51,822	92
	2014	80,478	10,157	9,590	27,570	-201	53,677	94
	2015	82,308	13,166	9,793	29,017	230	56,434	98
Antigua and Barbuda	2012	..	*78	..	46	..	*32	*362
	2013	..	*78	..	*46	..	*32	*358
	2014	..	*79	..	*47	..	*32	*355
	2015	..	*82	..	*49	..	*33	*354
Aruba	2012	..	*81	..	*81	..	0	0
	2013	..	*82	..	*82	..	0	0
	2014	..	*83	..	*83	..	0	0
	2015	..	*85	..	*85	..	0	0
Bahamas	2012	..	89	..	*88	..	0	1
	2013	..	60	..	*59	..	1	4
	2014	..	56	..	*54	..	1	4
	2015	..	*51	..	*50	..	*1	*4
Barbados	2012	..	*114	..	*114	..	0	0
	2013	..	*128	..	*128	..	0	0
	2014	..	*126	..	*126	..	0	0
	2015	..	*126	..	*126	..	0	0
Belize	2012	..	11	..	11	..	0	1
	2013	..	14	..	14	..	0	1
	2014	..	13	..	12	..	0	1
	2015	..	13	..	12	..	0	1
Bermuda	2012	..	*12	..	*12	..	0	0
	2013	..	*12	..	*12	..	0	0
	2014	..	*18	..	*18	..	0	0
	2015	..	*16	..	*16	..	0	0

Table 20

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Bonaire, St Eustatius, Saba	2012	..	*7	..	*7	..	0	0
	2013	..	*8	..	*8	..	0	0
	2014	..	*8	..	*8	..	0	0
	2015	..	*8	..	*8	..	0	0
Canada	2012	3,805	2,364	381	944	73	4,771	137
	2013	3,995	2,234	480	775	-25	4,999	142
	2014	4,165	2,407	404	771	23	5,374	151
	2015	4,294	2,845	433	811	6	5,889	164
Cayman Islands	2012	..	13	..	*12	..	1	17
	2013	..	11	..	10	..	1	17
	2014	..	11	..	10	..	1	9
	2015	..	19	..	18	..	1	16
Costa Rica	2012	..	175	0	*161	1	13	3
	2013	..	164	0	*150	1	13	3
	2014	..	176	0	*151	7	18	4
	2015	..	182	0	*165	2	15	3
Cuba	2012	284	264	*300	*118	..	130	11
	2013	293	553	659	*108	..	78	7
	2014	276	576	654	*115	..	83	7
	2015	244	577	*645	*108	..	68	6
Curaçao	2012	668	57	666	59	..	0	0
	2013	609	58	607	60	..	0	0
	2014	707	59	705	61	..	0	0
	2015	658	58	656	60	..	0	0
Dominica	2012	..	1	..	1	..	0	-2
	2013	..	*1	..	*1	..	0	0
	2014	..	*1	..	*1	..	0	0
	2015	..	*1	..	*1	..	0	0
Dominican Republic	2012	219	260	..	419	0	59	6
	2013	228	205	..	426	-2	9	1
	2014	232	246	..	465	-6	20	2
	2015	138	355	..	490	7	-4	0
El Salvador	2012	41	42	..	83	..	0	0
	2013	0	144	..	144	..	0	0
	2014	0	152	..	152	..	0	0
	2015	0	151	..	151	..	0	0
Greenland	2012	..	17	..	..	-2	19	332
	2013	..	16	..	..	-1	17	299
	2014	..	17	..	..	2	15	271
	2015	..	14	..	..	-2	16	288
Grenada	2012	..	4	..	4	..	0	0
	2013	..	4	..	4	..	0	0
	2014	..	6	..	6	..	0	0
	2015	..	6	..	6	..	0	0
Guadeloupe	2012	..	111	..	*111	..	0	0
	2013	..	96	..	*96	..	0	0
	2014	..	102	..	*102	..	0	0
	2015	..	105	..	*105	..	0	0
Guatemala	2012	..	39	..	41	-2	0	0
	2013	..	40	..	40	0	0	0
	2014	..	24	..	20	4	0	0
	2015	..	61	..	57	*4	0	0

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Haiti	2012	..	54	..	52	..	2	0
	2013	..	94	..	89	..	5	0
	2014	..	34	..	34	..	0	0
	2015	..	23	..	22	..	1	0
Honduras	2012	..	49	..	49	..	0	0
	2013	..	41	..	41	..	0	0
	2014	..	67	..	67	..	0	0
	2015	..	78	..	78	..	0	0
Jamaica	2012	101	93	..	181	6	6	2
	2013	98	86	..	184	-2	1	1
	2014	82	112	..	196	3	-6	-2
	2015	84	101	..	185	-4	4	1
Martinique	2012	*114	0	*29	*85	..	0	0
	2013	*112	0	*27	*85	..	0	0
	2014	*110	0	*25	*85	..	0	0
	2015	*109	0	*25	*84	..	0	0
Mexico	2012	2,590	168	0	2,723	-4	39	0
	2013	2,774	166	56	2,850	14	20	0
	2014	2,436	563	..	3,046	-39	-8	0
	2015	2,182	1,088	..	3,239	-38	69	1
Nicaragua	2012	20	7	4	21	-1	3	1
	2013	28	0	2	20	1	5	1
	2014	29	1	7	22	1	7	1
	2015	32	1	0	25	1	7	1
Panama	2012	..	468	..	434	0	34	9
	2013	..	579	..	509	31	39	10
	2014	..	558	..	585	-48	21	5
	2015	..	635	..	641	-54	48	12
Sint Maarten (Dutch part)	2012	..	*48	..	*48	..	0	0
	2013	..	49	..	49	..	0	0
	2014	..	*49	..	*49	..	0	0
	2015	..	*51	..	*51	..	0	0
Trinidad and Tobago	2012	397	0	138	169	-9	99	74
	2013	605	0	221	270	6	108	80
	2014	476	0	174	212	-25	115	85
	2015	587	0	196	239	4	148	109
United States	2012	68,819	2,902	6,167	20,413	-1,333	46,474	148
	2013	69,903	4,130	7,291	20,430	-180	46,492	147
	2014	71,966	4,614	7,628	21,071	-122	48,003	150
	2015	73,980	6,435	7,838	22,136	304	50,137	156
America, South	2012	12,310	2,287	3,390	6,552	-525	5,180	13
	2013	11,472	2,274	2,864	6,583	-638	4,936	12
	2014	12,233	2,053	3,162	6,789	-564	4,899	12
	2015	11,381	2,292	2,794	6,466	-508	4,921	12
Argentina	2012	1,344	40	..	693	8	683	16
	2013	1,337	55	..	863	13	516	12
	2014	1,327	70	..	860	-10	547	13
	2015	1,342	96	..	851	13	574	13
Bolivia (Plur. State of)	2012	136	..	..	42	1	93	9
	2013	167	..	..	52	3	112	11
	2014	181	..	..	59	0	122	12
	2015	208	..	..	68	2	138	13

Table 20

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Brazil	2012	4,449	1,520	109	2,135	-20	3,745	19
	2013	4,567	1,446	131	2,228	-35	3,689	18
	2014	4,992	1,218	102	2,381	55	3,672	18
	2015	4,635	1,113	85	2,325	-22	3,360	16
Chile	2012	617	466	0	668	23	392	23
	2013	613	456	6	591	25	447	25
	2014	629	402	0	615	15	401	23
	2015	578	503	0	532	2	547	30
Colombia	2012	1,339	35	31	*1,233	16	95	2
	2013	1,108	41	29	995	25	99	2
	2014	1,084	40	26	1,032	55	11	0
	2015	790	74	..	699	..	165	3
Ecuador	2012	349	3	..	320	-2	34	2
	2013	372	14	..	361	-5	30	2
	2014	347	37	..	257	19	108	7
	2015	346	31	..	339	*10	27	2
French Guiana	2012	..	33	..	33	..	0	0
	2013	..	32	..	32	..	0	0
	2014	..	30	..	30	..	0	0
	2015	..	*30	..	*30	..	0	0
Guyana	2012	..	17	..	15	0	3	4
	2013	..	11	..	10	0	1	1
	2014	..	10	..	9	..	1	1
	2015	..	14	..	13	..	1	1
Paraguay	2012	..	31	..	27	0	3	0
	2013	..	33	..	32	-1	3	0
	2014	..	40	..	37	0	3	0
	2015	..	36	..	33	..	3	0
Peru	2012	749	72	532	661	-496	124	4
	2013	692	135	574	722	-497	28	1
	2014	748	155	784	796	-701	24	1
	2015	620	344	604	777	-513	96	3
Suriname	2012	..	45	..	*41	..	5	9
	2013	..	47	..	*43	..	5	9
	2014	..	48	..	*43	..	5	9
	2015	..	49	..	*44	..	5	9
Uruguay	2012	72	24	0	92	0	5	2
	2013	72	3	0	70	-3	7	2
	2014	84	3	0	79	3	5	2
	2015	94	3	0	93	-1	5	2
Venezuela (Bolivar. Rep.)	2012	3,255	..	2,718	593	-55	-1	0
	2013	2,545	..	2,124	584	-163	0	0
	2014	2,841	..	2,250	591	..	0	0
	2015	2,768	..	2,105	663	..	0	0
Asia	2012	92,428	16,328	36,432	54,237	917	17,171	4
	2013	96,058	16,867	36,843	56,136	274	19,672	5
	2014	125,598	21,140	46,554	66,115	-32	34,101	8
	2015	139,888	21,103	53,293	69,558	1,589	36,550	8
Afghanistan	2012	..	51	..	10	..	41	1
	2013	..	*51	..	*10	..	*41	*1
	2014	..	*52	..	*10	..	*41	*1
	2015	..	*50	..	*10	..	*40	*1

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Armenia	2012	..	47	..	*47	..	0	0
	2013	..	46	..	*46	..	0	0
	2014	..	40	..	*40	..	0	0
	2015	..	31	..	*31	..	0	0
Azerbaijan	2012	626	..	146	371	-7	116	12
	2013	703	..	131	380	28	164	17
	2014	709	..	196	347	-6	172	18
	2015	689	..	237	265	-8	195	20
Bahrain	2012	3,176	..	2,512	563	71	30	22
	2013	3,424	..	2,930	402	46	46	34
	2014	2,993	..	2,802	395	-246	42	31
	2015	3,323	..	2,852	436	2	33	24
Bangladesh	2012	4	340	..	312	32	0	0
	2013	0	311	..	318	-7	0	0
	2014	1	334	..	323	12	0	0
	2015	1	338	..	339	0	0	0
Bhutan	2012	..	2	..	2	..	0	0
	2013	..	3	..	*3	..	0	0
	2014	..	3	..	*3	..	0	0
	2015	..	3	..	*3	..	0	0
Brunei Darussalam	2012	47	32	7	80	-3	-5	-12
	2013	65	16	4	83	-1	-5	-12
	2014	58	18	6	71	0	-1	-2
	2015	71	12	..	82	1	0	0
Cambodia	2012	..	69	..	65	..	4	0
	2013	..	79	..	74	..	5	0
	2014	..	92	..	86	..	6	0
	2015	..	97	..	91	..	6	0
China	2012	626	..	..	..	..	626	0
	2013	676	..	..	..	..	676	0
	2014	30,532	3,914	10,637	6,962	82	16,766	12
	2015	35,443	3,461	12,357	7,572	135	18,840	14
China, Hong Kong SAR	2012	..	6,927	253	6,857	-199	16	2
	2013	..	7,052	1	6,939	96	16	2
	2014	..	6,960	1	7,205	-260	14	2
	2015	..	7,381	0	7,583	-216	14	2
Cyprus	2012	..	265	0	264	-4	5	4
	2013	..	238	0	235	8	-5	-4
	2014	..	221	0	231	-4	-6	-5
	2015	..	265	23	233	8	1	1
Georgia	2012	..	51	..	37	0	14	3
	2013	..	89	..	85	3	1	0
	2014	..	78	..	80	-3	1	0
	2015	..	65	..	70	-6	1	0
India	2012	10,077	0	4,664	4,719	0	694	1
	2013	11,210	0	5,745	3,853	39	1,573	1
	2014	11,103	0	*5,645	*3,798	*-40	1,700	1
	2015	11,789	0	*5,686	*4,383	*48	1,672	1
Indonesia	2012	2,403	564	2	722	..	2,243	9
	2013	2,538	781	2	893	..	2,424	10
	2014	2,274	768	2	1,298	..	1,742	7
	2015	2,553	956	2	835	..	2,671	10

Table 20

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Iran (Islamic Rep. of)	2012	1,165	0	..	1,137	..	28	0
	2013	1,192	0	0	1,173	..	19	0
	2014	1,260	1	..	1,273	..	-12	0
	2015	1,741	1	..	1,325	..	416	5
Iraq	2012	140	176	..	316	..	0	0
	2013	144	251	..	395	..	0	0
	2014	215	312	..	527	..	0	0
	2015	197	330	..	527	..	0	0
Israel	2012	786	..	..	786	..	0	0
	2013	1,072	..	..	1,072	..	0	0
	2014	1,032	..	..	799	..	233	29
	2015	1,001	..	..	867	..	134	17
Japan	2012	10,404	1,235	2,248	6,086	196	3,109	24
	2013	12,063	783	2,825	6,166	-60	3,915	31
	2014	12,054	467	2,221	6,026	87	4,187	33
	2015	12,334	615	2,643	6,076	-13	4,243	34
Jordan	2012	366	1	..	129	5	233	33
	2013	328	26	..	*134	-4	225	31
	2014	326	26	..	127	16	209	28
	2015	253	33	..	91	-1	196	26
Kazakhstan	2012	200	95	..	197	9	89	5
	2013	200	37	..	164	-1	74	4
	2014	302	27	1	226	12	90	5
	2015	280	87	16	306	7	38	2
Korea, Republic of	2012	16,484	2	11,545	3,810	70	1,061	21
	2013	16,397	2	11,290	4,023	92	994	20
	2014	17,053	1	11,831	4,033	-120	1,310	26
	2015	19,135	..	13,521	4,146	-41	1,509	30
Kuwait	2012	2,748	..	2,109	639	..	0	0
	2013	2,494	..	1,884	610	..	0	0
	2014	2,438	..	1,730	708	..	0	0
	2015	2,147	..	1,457	690	..	0	0
Kyrgyzstan	2012	..	102	73	30	0	-1	0
	2013	..	126	111	48	-33	0	0
	2014	..	96	89	4	1	2	0
	2015	..	182	71	103	6	2	0
Lao People's Dem. Rep.	2012	..	21	..	*12	..	9	1
	2013	..	*41	..	*29	..	*12	*2
	2014	..	46	..	33	..	13	2
	2015	..	*48	..	*35	..	*13	*2
Lebanon	2012	..	207	..	207	..	0	0
	2013	..	259	..	259	..	0	0
	2014	..	229	..	229	..	0	0
	2015	..	232	..	232	..	0	0
Malaysia	2012	3,794	336	976	1,709	743	702	24
	2013	2,663	831	554	2,323	19	598	20
	2014	2,824	369	517	2,447	-374	603	20
	2015	2,751	536	532	2,428	-93	420	14
Maldives	2012	..	94	..	71	..	23	67
	2013	..	133	..	*103	..	30	86
	2014	..	223	..	*187	..	36	101
	2015	..	66	..	*28	..	37	102

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Myanmar	2012	33	60	..	34	9	50	1
	2013	21	104	..	36	-11	100	2
	2014	17	114	..	40	1	89	2
	2015	30	101	..	43	..	88	2
Nepal	2012	..	*94	..	*94	..	0	0
	2013	..	*94	..	*94	..	0	0
	2014	..	139	..	*139	..	0	0
	2015	..	93	..	93	..	0	0
Oman	2012	712	..	309	403	..	0	0
	2013	564	..	192	372	..	0	0
	2014	617	..	144	507	-34	0	0
	2015	668	..	149	505	14	0	0
Other Asia	2012	3,863	..	1,317	2,073	32	441	19
	2013	3,866	..	1,262	2,198	48	358	15
	2014	3,738	..	1,011	2,398	54	275	12
	2015	3,831	..	1,022	2,554	-12	267	11
Pakistan	2012	674	132	2	691	0	113	1
	2013	779	130	61	728	0	120	1
	2014	782	47	58	658	0	113	1
	2015	822	49	61	689	0	121	1
Philippines	2012	693	763	..	1,096	0	360	4
	2013	644	830	..	1,112	0	361	4
	2014	768	847	..	1,054	-6	567	6
	2015	926	736	..	1,232	9	420	4
Qatar	2012	3,387	..	1,650	1,797	-60	0	0
	2013	3,534	..	1,033	1,988	252	261	124
	2014	2,881	..	827	1,254	800	0	0
	2015	3,052	..	415	1,209	1,428	0	0
Saudi Arabia	2012	3,045	..	270	2,081	..	694	24
	2013	2,837	..	252	1,869	..	716	24
	2014	3,689	..	630	2,294	..	765	25
	2015	3,672	..	155	2,638	..	879	28
Singapore	2012	9,751	1,507	4,859	*6,401	..	-2	0
	2013	9,866	1,589	4,762	*6,693	..	-1	0
	2014	9,596	1,938	4,795	*6,741	..	-2	0
	2015	9,692	1,906	4,703	*6,897	..	-1	0
Sri Lanka	2012	93	288	..	388	-37	30	1
	2013	125	296	..	348	70	2	0
	2014	168	235	..	458	-58	3	0
	2015	155	271	..	371	52	3	0
Syrian Arab Republic	2012	246	..	176	23	..	47	2
	2013	163	..	99	22	..	42	2
	2014	163	..	115	16	..	32	2
	2015	163	..	116	16	..	31	2
Tajikistan	2012	..	33	..	33	..	0	0
	2013	..	55	..	55	..	0	0
	2014	..	61	..	61	..	0	0
	2015	..	54	..	54	..	0	0
Thailand	2012	4,471	2	574	*3,342	*13	544	8
	2013	5,007	12	1,152	3,648	-301	520	8
	2014	5,224	3	972	3,637	122	496	7
	2015	5,587	3	1,138	3,785	-4	671	10

Table 20

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Timor-Leste	2012	..	*3	..	*3	..	0	0
	2013	..	*3	..	*3	..	0	0
	2014	..	*3	..	*3	..	0	0
	2015	..	*3	..	*3	..	0	0
Turkey	2012	3,277	589	2,437	1,003	45	381	5
	2013	3,584	522	2,022	1,308	-7	783	10
	2014	3,548	850	959	2,540	-69	968	12
	2015	5,027	180	281	3,469	270	1,187	15
Turkmenistan	2012	415	..	..	415	..	0	0
	2013	455	..	..	455	..	0	0
	2014	470	..	..	470	..	0	0
	2015	470	..	..	470	..	0	0
United Arab Emirates	2012	8,411	1,262	..	4,492	..	5,181	579
	2013	8,919	879	..	4,510	..	5,288	585
	2014	8,263	1,416	723	5,604	..	3,352	369
	2015	11,734	1,520	5,455	*5,794	..	2,005	219
Uzbekistan	2012	132	..	..	..	..	132	5
	2013	125	..	..	..	..	125	4
	2014	118	..	..	..	..	118	4
	2015	115	..	..	..	..	115	4
Viet Nam	2012	54	979	218	650	2	163	2
	2013	75	1,200	309	774	-2	194	2
	2014	97	1,209	427	702	*1	176	2
	2015	196	1,399	372	938	2	283	3
Yemen	2012	125	..	85	40	..	0	0
	2013	326	..	222	104	..	0	0
	2014	285	..	215	70	..	0	0
	2015	41	..	29	12	..	0	0
Europe	2012	46,542	30,254	14,562	50,918	-533	11,849	16
	2013	46,830	31,959	16,756	50,512	537	10,984	15
	2014	46,871	30,735	16,245	50,632	-287	11,016	15
	2015	46,769	32,766	17,075	51,589	1,270	9,600	13
Albania	2012	..	20	..	*8	..	12	4
	2013	..	28	..	*8	..	20	7
	2014	..	8	..	7	..	1	0
	2015	..	2	..	2	..	0	0
Austria	2012	618	94	24	659	-3	32	4
	2013	654	99	23	627	72	31	4
	2014	581	85	32	627	-23	30	4
	2015	648	113	38	676	16	31	4
Belarus	2012	..	..	..	..	..	..	..
	2013	361	16	255	100	9	13	1
	2014	337	17	226	110	-4	22	2
	2015	388	12	266	111	2	21	2
Belgium	2012	1,819	2,104	2,675	1,316	-116	48	4
	2013	1,497	1,544	1,653	1,240	44	104	9
	2014	1,666	945	1,318	1,295	-73	71	6
	2015	1,686	798	868	1,414	157	45	4
Bosnia and Herzegovina	2012	..	5	..	5	..	0	0
	2013	..	4	..	4	..	0	0
	2014	..	5	..	4	..	1	0
	2015	..	6	..	6	..	0	0

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Bulgaria	2012	171	8	10	159	-2	12	2
	2013	166	5	4	155	0	12	2
	2014	173	7	8	165	-4	11	2
	2015	179	34	22	172	6	13	2
Croatia	2012	97	20	4	105	-2	10	2
	2013	109	16	0	115	..	10	2
	2014	106	28	4	115	5	10	2
	2015	105	24	6	111	2	10	2
Czechia	2012	143	198	1	284	22	34	3
	2013	111	173	0	274	-9	19	2
	2014	160	128	0	283	-13	18	2
	2015	186	143	0	285	7	37	4
Denmark	2012	224	683	151	808	-108	56	10
	2013	145	796	68	800	7	66	12
	2014	137	748	64	868	-100	53	9
	2015	144	901	65	850	82	48	8
Estonia	2012	..	58	21	36	0	1	1
	2013	..	50	21	28	1	0	0
	2014	..	53	13	40	0	0	0
	2015	..	73	49	24	0	0	0
Finland	2012	618	213	78	596	-13	170	31
	2013	671	130	11	615	15	160	29
	2014	542	243	15	606	-8	172	31
	2015	545	315	6	619	-1	236	43
France	2012	3,851	4,106	852	5,491	-52	1,666	26
	2013	4,288	3,923	1,033	5,436	52	1,690	26
	2014	3,712	4,032	1,155	5,483	47	1,059	17
	2015	3,795	4,405	1,235	5,782	57	1,126	17
Germany	2012	5,216	4,845	1,134	7,990	77	860	11
	2013	4,757	5,273	1,145	8,150	130	605	8
	2014	4,862	4,825	893	7,826	-58	1,026	13
	2015	5,178	5,002	1,218	7,836	83	1,043	13
Gibraltar	2012	..	6	..	6	..	0	0
	2013	..	7	..	7	..	0	0
	2014	..	7	..	7	..	0	0
	2015	..	8	..	8	..	0	0
Greece	2012	1,784	120	831	641	-10	442	40
	2013	2,371	39	1,248	656	-10	516	47
	2014	2,237	164	1,065	757	67	512	47
	2015	2,079	225	1,193	802	-113	422	39
Hungary	2012	169	0	7	166	-4	0	0
	2013	181	3	19	162	-1	4	0
	2014	191	0	16	171	4	0	0
	2015	191	1	11	175	1	5	1
Iceland	2012	..	148	..	140	2	6	19
	2013	..	167	..	158	3	6	18
	2014	..	188	..	177	-2	13	40
	2015	..	218	..	214	-2	6	18
Ireland	2012	..	723	0	551	-10	182	39
	2013	..	873	60	609	25	179	38
	2014	..	898	0	704	4	190	41
	2015	..	1,159	80	796	-6	289	62

Table 20

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Italy	2012	2,605	1,038	51	3,019	-228	801	13
	2013	2,435	1,434	3	2,922	169	775	13
	2014	2,269	1,574	19	2,995	91	738	12
	2015	2,115	1,835	21	3,083	43	803	13
Latvia	2012	..	271	184	115	-29	1	0
	2013	..	138	19	119	-1	1	0
	2014	..	112	5	106	0	1	1
	2015	..	104	0	104	..	0	0
Lithuania	2012	815	168	336	61	20	566	188
	2013	1,019	48	275	68	-19	743	251
	2014	948	29	153	75	5	744	255
	2015	1,029	52	141	79	..	861	299
Luxembourg	2012	..	361	..	361	0	0	0
	2013	..	363	..	363	0	0	0
	2014	..	394	..	394	..	0	0
	2015	..	444	..	445	-1	0	0
Malta	2012	..	101	1	97	1	2	5
	2013	..	113	10	102	0	1	2
	2014	..	108	..	108	-1	1	2
	2015	..	116	..	112	2	2	5
Montenegro	2012	..	12	0	12	..	0	0
	2013	..	13	0	13	..	0	0
	2014	..	18	0	17	1	0	0
	2015	..	24	5	18	1	0	0
Netherlands	2012	6,589	2,647	5,845	3,283	-2	110	7
	2013	6,467	3,847	6,830	3,354	81	49	3
	2014	7,003	2,614	6,103	3,481	-38	71	4
	2015	7,537	3,074	6,599	3,683	275	54	3
Norway	2012	501	346	98	392	-19	376	75
	2013	598	434	85	478	9	460	90
	2014	577	385	12	491	-48	507	98
	2015	581	396	37	483	10	447	86
Poland	2012	937	34	446	524	-53	54	1
	2013	877	53	380	512	26	12	0
	2014	1,156	27	554	569	33	27	1
	2015	1,096	46	487	632	5	18	0
Portugal	2012	910	181	43	899	-10	159	15
	2013	1,132	17	43	909	49	148	14
	2014	976	109	1	941	-44	187	18
	2015	1,160	12	2	1,019	..	151	15
Republic of Moldova	2012	..	22	0	22	0	0	0
	2013	..	21	0	21	0	0	0
	2014	..	27	0	25	2	0	0
	2015	..	22	0	24	-2	0	0
Romania	2012	254	41	165	115	-11	26	1
	2013	297	12	168	141	2	-2	0
	2014	372	17	224	178	-1	-12	-1
	2015	400	16	275	196	-8	-47	-2
Russian Federation	2012	12,863	0	0	6,431	..	6,432	45
	2013	13,615	73	1,849	5,913	..	5,926	41
	2014	13,583	38	2,479	5,513	..	5,629	39
	2015	12,186	27	2,338	4,933	..	4,942	34

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Serbia	2012	73	1	37	38	-1	0	0
	2013	73	1	32	42	-1	1	0
	2014	109	1	40	67	1	2	0
	2015	108	1	45	62	2	0	0
Slovakia	2012	47	..	6	36	3	2	0
	2013	118	..	72	40	-3	9	2
	2014	78	..	43	34	1	0	0
	2015	92	..	46	42	4	0	0
Slovenia	2012	..	24	1	23	-1	1	0
	2013	..	26	0	25	0	1	0
	2014	..	317	317	25	-26	1	0
	2015	..	318	290	25	2	1	0
Spain	2012	163	2,303	177	3,505	15	-1,231	-26
	2013	149	1,840	422	3,494	-106	-1,821	-39
	2014	197	1,955	339	3,556	26	-1,769	-38
	2015	226	2,217	516	3,758	435	-2,266	-49
Sweden	2012	245	656	44	686	-26	197	21
	2013	169	559	48	774	76	-170	-18
	2014	248	873	58	703	86	274	28
	2015	104	790	..	720	-5	179	18
Switzerland	2012	38	1,541	3	1,493	10	73	9
	2013	38	1,572	2	1,500	7	101	12
	2014	16	1,558	..	1,530	-19	63	8
	2015	38	1,606	..	1,580	15	49	6
T.F.Yug.Rep. Macedonia	2012	17	10	17	..	2	8	4
	2013	5	13	9	..	-1	10	5
	2014	0	27	16	..	-1	12	6
	2015	0	28	14	..	0	13	6
Ukraine	2012	..	0	0	298	0	-298	-7
	2013	..	0	0	*123	0	*-123	*-3
	2014	..	0	0	*128	0	*-128	*-3
	2015	..	0	0	121	0	-121	-3
United Kingdom	2012	5,775	7,146	1,320	10,547	15	1,039	16
	2013	4,527	8,236	969	10,455	-89	1,428	22
	2014	4,635	8,171	1,073	10,451	-197	1,479	23
	2015	4,973	8,199	1,202	10,587	201	1,182	18
Oceania	2012	5,585	1,930	33	4,166	2	3,314	88
	2013	5,558	2,755	26	4,389	5	3,894	102
	2014	5,012	3,139	15	4,653	3	3,480	90
	2015	4,563	3,827	22	4,641	87	3,641	93
Australia	2012	4,415	1,787	17	3,243	-12	2,954	129
	2013	4,484	2,536	26	3,414	25	3,555	153
	2014	4,044	2,757	15	3,683	12	3,091	131
	2015	3,444	3,405	22	3,660	71	3,096	129
Cook Islands	2012	..	*9	..	*9	..	0	0
	2013	..	*9	..	*9	..	0	0
	2014	..	*10	..	*10	..	0	0
	2015	..	*9	..	*9	..	0	0
Fiji	2012	..	20	0	*12	..	8	9
	2013	..	*46	0	*22	..	*23	*27
	2014	..	*88	0	*35	..	*52	*59
	2015	..	185	0	*50	..	134	150

Table 20

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
French Polynesia	2012	..	*18	..	*14	..	*4	*15
	2013	..	*18	..	*14	..	*4	*14
	2014	..	*18	..	*14	..	*4	*14
	2015	..	*19	..	*15	..	*4	*14
Kiribati	2012	..	1	..	1	..	1	5
	2013	..	1	..	1	..	1	5
	2014	..	1	..	0	..	1	5
	2015	..	*1	..	0	..	*1	*5
Marshall Islands	2012	..	*2	..	*2	..	0	0
	2013	..	*2	..	*2	..	0	0
	2014	..	*2	..	*2	..	0	0
	2015	..	*2	..	*2	..	0	0
Micronesia (Fed. States of)	2012	..	*4	..	*1	..	*3	*32
	2013	..	*4	..	*1	..	*3	*32
	2014	..	*4	..	*1	..	*3	*32
	2015	..	*4	..	*1	..	*3	*32
Nauru	2012	..	*1	..	*1	..	0	0
	2013	..	*1	..	*1	..	0	0
	2014	..	*1	..	*1	..	0	0
	2015	..	*1	..	*1	..	0	0
New Caledonia	2012	..	*30	..	*25	0	*5	*21
	2013	..	28	..	25	-2	4	17
	2014	..	26	..	25	-3	4	15
	2015	..	33	..	24	4	5	19
New Zealand	2012	1,051	26	0	775	16	286	64
	2013	959	81	0	816	-18	242	54
	2014	968	150	0	791	-7	334	74
	2015	1,069	68	..	791	6	340	75
Niue	2012	..	0	..	0	..	0	16
	2013	..	1	..	0	..	0	15
	2014	..	1	..	0	..	0	15
	2015	..	1	..	0	..	0	15
Palau	2012	..	*16	..	*16	..	0	0
	2013	..	*16	..	*16	..	0	0
	2014	..	*17	..	*17	..	0	0
	2015	..	*15	..	*15	..	0	0
Papua New Guinea	2012	119	0	16	*52	-2	52	7
	2013	115	0	0	*55	0	60	8
	2014	0	46	0	*56	0	*-10	*-1
	2015	*50	*68	0	*56	*6	*56	*7
Solomon Islands	2012	..	*5	..	*3	..	*1	*2
	2013	..	*5	..	*4	..	*1	*2
	2014	..	*5	..	*4	..	*1	*2
	2015	..	*5	..	*4	..	*1	*2
Tonga	2012	..	4	..	*4	0	0	*1
	2013	..	1	..	*1	0	0	*1
	2014	..	5	..	*4	*1	0	1
	2015	..	5	..	*5	0	0	1
Vanuatu	2012	..	*6	..	*6	..	0	0
	2013	..	*6	..	*6	..	0	0
	2014	..	*7	..	*7	..	0	0
	2015	..	*7	..	*7	..	0	0

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Wallis and Futuna Is.	2012	..	*1	..	1	..	0	0
	2013	..	*1	..	1	..	0	0
	2014	..	*1	..	1	..	0	0
	2015	..	*1	..	1	..	0	0

Table 21

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Table Notes

Production includes output from refineries and plants, together with quantities from other sources which include any blended biodiesel.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/ classification, and xvi to xvii for the descriptions of relevant flows.

Figure 57: Production of gas oil/diesel oil by region, 1990-2015

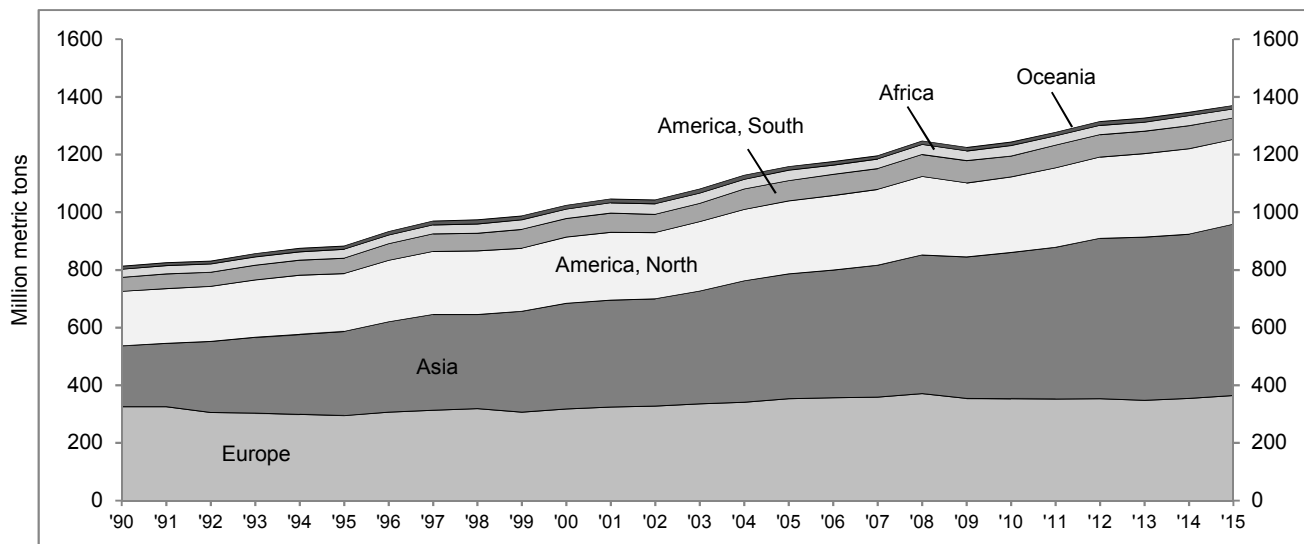


Figure 58: Major gas oil/diesel oil producing countries, 2015

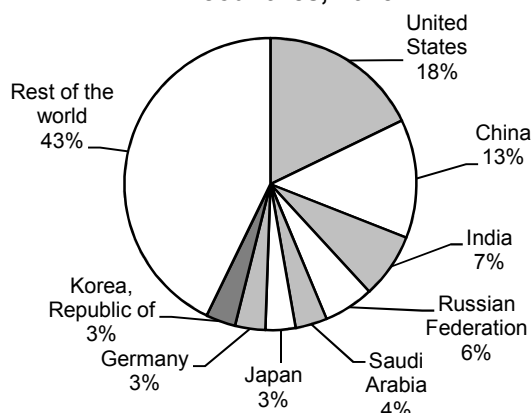


Figure 59: Major gas oil/diesel oil consuming countries, 2015

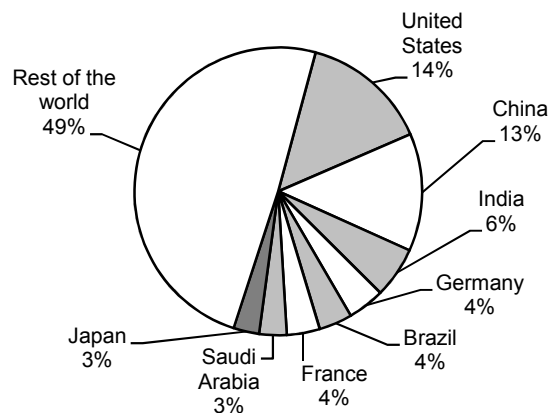


Table 21

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
World	2012	1,314,427	329,524	338,961	20,478	-4,444	1,288,956	182
	2013	1,326,234	344,335	348,810	21,776	2,018	1,297,966	181
	2014	1,347,026	358,320	356,763	31,617	1,707	1,315,259	181
	2015	1,370,513	367,297	378,202	41,890	9,591	1,308,127	178
Africa	2012	32,395	35,442	1,452	2,380	659	63,346	58
	2013	31,974	41,203	2,960	2,392	-154	67,979	60
	2014	34,280	49,995	8,628	2,426	177	73,044	63
	2015	31,054	50,719	4,716	2,460	-338	74,935	63
Algeria	2012	6,867	2,762	..	53	203	9,373	250
	2013	7,042	2,728	..	64	-113	9,819	257
	2014	9,027	1,088	..	56	162	9,897	254
	2015	8,826	1,737	..	60	162	10,341	261
Angola	2012	527	2,862	21	..	..	3,368	148
	2013	564	3,227	25	..	..	3,766	161
	2014	532	3,579	32	..	..	4,079	168
	2015	507	3,520	31	..	..	3,996	160
Benin	2012	..	482	..	..	..	482	48
	2013	..	598	..	..	..	598	58
	2014	..	642	..	..	..	642	61
	2015	..	782	..	..	..	782	72
Botswana	2012	..	493	..	..	..	493	231
	2013	..	545	..	..	..	545	250
	2014	..	566	..	..	..	566	255
	2015	..	478	..	..	..	478	211
Burkina Faso	2012	..	465	..	..	*7	457	28
	2013	..	537	..	..	*25	512	30
	2014	..	454	..	..	*-25	479	27
	2015	..	496	..	..	*19	477	26
Burundi	2012	..	30	..	..	-1	31	3
	2013	..	29	..	..	1	28	3
	2014	..	27	..	..	0	27	3
	2015	..	19	..	..	-1	20	2
Cabo Verde	2012	..	108	..	30	..	78	156
	2013	..	102	..	33	..	69	136
	2014	..	99	..	31	..	68	132
	2015	..	*100	..	*32	..	*68	*131
Cameroon	2012	619	391	197	43	..	770	36
	2013	431	283	100	45	..	569	26
	2014	605	373	135	48	..	795	35
	2015	643	373	135	51	..	830	36
Central African Rep.	2012	..	*34	..	..	..	*34	*7
	2013	..	*31	..	..	..	*31	*7
	2014	..	*32	..	..	..	*32	*7
	2015	..	*32	..	..	..	*32	*7
Chad	2012	..	*66	..	..	..	*66	*5
	2013	..	*68	..	..	..	*68	*5
	2014	..	*68	..	..	..	*68	*5
	2015	..	*69	..	..	..	*69	*5
Comoros	2012	..	*27	..	..	..	*27	*37
	2013	..	*35	..	..	..	*35	*47
	2014	..	*28	..	..	..	*28	*36
	2015	..	*32	..	..	..	*32	*41

Table 21

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Congo	2012	243	118	..	..	..	361	84
	2013	276	185	..	..	..	461	105
	2014	270	189	..	..	..	459	102
	2015	257	221	..	..	..	478	103
Côte d'Ivoire	2012	1,057	..	252	0	..	805	38
	2013	1,072	..	221	0	..	851	39
	2014	1,192	..	319	32	..	841	38
	2015	1,169	..	204	66	-39	938	41
Dem. Rep. of the Congo	2012	..	427	..	..	..	427	6
	2013	..	669	..	..	..	669	9
	2014	..	910	..	..	..	910	12
	2015	..	538	..	..	..	538	7
Djibouti	2012	..	*60	..	*9	..	*51	*60
	2013	..	*63	..	*10	..	*54	*62
	2014	..	*64	..	*10	..	*55	*62
	2015	..	*65	..	*10	..	*55	*62
Egypt	2012	7,116	4,902	..	65	..	11,953	140
	2013	5,842	5,622	..	52	..	11,412	130
	2014	7,630	6,126	..	50	..	13,706	153
	2015	7,885	6,859	..	42	..	14,702	161
Equatorial Guinea	2012	..	*145	..	..	..	*145	*187
	2013	..	*145	..	..	..	*145	*182
	2014	..	*145	..	..	..	*145	*177
	2015	..	*141	..	..	..	*141	*167
Eritrea	2012	..	76	..	..	..	76	16
	2013	..	77	..	..	..	77	15
	2014	..	82	..	..	..	82	16
	2015	..	86	..	..	..	86	16
Ethiopia	2012	..	1,323	..	..	34	1,289	14
	2013	..	1,558	..	..	-9	1,567	17
	2014	..	1,703	..	..	-25	1,728	18
	2015	..	1,931	..	..	..	1,931	19
Gabon	2012	212	454	6	83	..	577	358
	2013	229	522	6	75	..	670	406
	2014	223	541	6	75	..	683	405
	2015	221	436	6	75	..	576	334
Gambia	2012	..	68	*1	..	..	67	37
	2013	..	65	*1	..	..	64	34
	2014	..	73	*1	..	..	72	37
	2015	..	*75	*1	..	..	*74	*37
Ghana	2012	122	1,309	0	81	..	1,350	53
	2013	113	1,639	0	52	89	1,612	62
	2014	28	1,742	0	11	65	1,695	63
	2015	28	2,161	0	10	0	2,179	79
Guinea	2012	..	344	..	..	..	344	30
	2013	..	321	..	..	..	321	27
	2014	..	318	..	..	..	318	26
	2015	..	430	..	..	..	430	34
Guinea-Bissau	2012	..	*40	..	..	..	*40	*24
	2013	..	*42	..	..	..	*42	*24
	2014	..	*44	..	..	..	*44	*25
	2015	..	*45	..	..	..	*45	*25

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Kenya	2012	239	1,288	0	1	..	1,526	36
	2013	155	2,224	688	16	..	1,675	38
	2014	0	8,289	6,569	12	..	1,708	38
	2015	0	4,746	2,670	0	..	2,076	45
Lesotho	2012	..	84	..	..	..	84	41
	2013	..	83	..	..	..	83	40
	2014	..	*84	..	..	..	*84	*40
	2015	..	76	..	..	..	76	35
Liberia	2012	..	171	..	*4	..	167	40
	2013	..	128	..	*4	..	123	29
	2014	..	200	..	*5	..	195	44
	2015	..	203	..	*7	..	196	44
Libya	2012	2,251	1,661	..	..	..	3,912	623
	2013	2,775	2,149	..	..	..	4,924	786
	2014	1,278	4,218	..	..	..	5,496	878
	2015	1,003	4,217	..	..	..	5,220	831
Madagascar	2012	..	408	..	*3	12	394	18
	2013	..	390	..	0	0	390	17
	2014	..	*440	..	0	0	*440	*19
	2015	..	561	..	0	0	561	23
Malawi	2012	..	175	..	..	..	175	11
	2013	..	182	..	..	..	182	11
	2014	..	171	..	..	..	171	10
	2015	..	126	..	..	..	126	7
Mali	2012	..	*450	..	..	..	*450	*28
	2013	..	*492	..	..	..	*492	*30
	2014	..	*540	..	..	..	*540	*32
	2015	..	*602	..	..	..	*602	*34
Mauritania	2012	..	477	..	..	..	477	126
	2013	..	439	..	..	..	439	113
	2014	..	510	..	..	..	510	128
	2015	..	*507	..	..	..	*507	*125
Mauritius	2012	..	314	..	103	0	211	168
	2013	..	336	..	114	*17	205	162
	2014	..	304	..	117	*-19	206	162
	2015	..	319	..	116	-5	208	163
Mayotte	2012	..	77	..	*3	..	74	336
	2013	..	81	..	*3	..	78	344
	2014	..	87	..	*3	..	84	361
	2015	..	91	..	*3	..	88	368
Morocco	2012	2,481	2,549	32	23	95	4,880	146
	2013	2,240	2,788	208	23	-278	5,075	149
	2014	2,275	2,990	9	23	59	5,174	150
	2015	1,139	4,112	0	23	-108	5,336	155
Mozambique	2012	..	556	..	..	0	556	22
	2013	..	970	..	..	*140	830	31
	2014	..	1,327	..	..	20	1,307	48
	2015	..	750	..	..	-20	770	28
Namibia	2012	..	567	..	..	..	567	247
	2013	..	479	..	..	..	479	204
	2014	..	726	..	..	..	726	302
	2015	..	773	..	..	..	773	314

Table 21

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Niger	2012	330	0	102	..	0	228	13
	2013	504	0	205	..	0	299	16
	2014	433	10	*159	..	0	284	15
	2015	379	30	*153	..	0	256	13
Nigeria	2012	1,030	0	..	125	368	537	3
	2013	664	86	..	115	37	598	3
	2014	647	0	..	117	-23	553	3
	2015	294	0	..	116	-363	541	3
Réunion	2012	..	370	..	9	-30	391	464
	2013	..	383	..	11	0	372	438
	2014	..	376	..	9	-8	375	439
	2015	..	393	..	13	-10	390	453
Rwanda	2012	..	114	..	..	..	114	11
	2013	..	132	..	..	..	132	12
	2014	..	139	..	..	..	139	12
	2015	..	142	..	..	..	142	12
Sao Tome and Principe	2012	..	*24	..	..	..	*24	*132
	2013	..	*24	..	..	..	*24	*129
	2014	..	*24	..	..	..	*24	*126
	2015	..	*24	..	..	..	*24	*128
Senegal	2012	412	403	0	69	-12	758	55
	2013	451	403	81	67	-23	729	51
	2014	470	474	84	70	0	790	54
	2015	500	504	89	75	0	840	56
Seychelles	2012	..	198	..	151	..	47	497
	2013	..	165	..	150	..	15	160
	2014	..	209	..	*170	..	39	403
	2015	..	205	..	*164	..	40	419
Sierra Leone	2012	..	179	..	..	..	179	30
	2013	..	207	..	..	..	207	34
	2014	..	224	..	..	..	224	35
	2015	..	*178	..	..	..	*178	*28
Somalia	2012	..	*106	..	*13	..	*93	*9
	2013	..	*106	..	*13	..	*93	*9
	2014	..	*106	..	*13	..	*93	*9
	2015	..	*106	..	*13	..	*93	*9
South Africa	2012	6,220	3,250	809	1,468	..	7,193	136
	2013	7,048	4,307	1,409	1,500	..	8,446	158
	2014	6,984	4,347	1,299	1,523	..	8,509	158
	2015	5,607	5,612	1,412	1,543	..	8,264	152
South Sudan	2012	..	371	..	..	..	371	34
	2013	..	395	..	..	..	395	34
	2014	..	408	..	..	..	408	34
	2015	..	276	..	..	..	276	22
St. Helena and Depend.	2012	..	3	..	..	..	3	746
	2013	..	3	..	..	..	3	731
	2014	..	*3	..	..	..	*3	*702
	2015	..	*3	..	..	..	*3	*631
Sudan	2012	1,666	616	32	19	..	2,231	59
	2013	1,594	600	15	19	..	2,160	56
	2014	1,686	472	15	20	..	2,123	54
	2015	1,767	488	15	21	..	2,219	55

Table 21

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Swaziland	2012	..	*112	..	..	..	*112	*91
	2013	..	*114	..	..	..	*114	*91
	2014	..	120	..	..	..	120	95
	2015	..	*122	..	..	..	*122	*95
Togo	2012	..	263	..	15	-10	258	38
	2013	..	270	..	16	-11	265	38
	2014	..	277	..	17	-12	272	38
	2015	..	285	..	18	-32	299	41
Tunisia	2012	661	1,014	..	11	-7	1,671	154
	2013	646	1,013	..	11	-29	1,677	152
	2014	634	1,151	..	15	-16	1,786	160
	2015	492	1,454	..	3	59	1,884	167
Uganda	2012	..	561	..	..	..	561	16
	2013	..	585	..	..	..	585	16
	2014	..	633	..	..	..	633	17
	2015	..	703	..	..	..	703	18
United Rep. of Tanzania	2012	..	1,185	..	..	..	1,185	24
	2013	..	1,564	..	..	..	1,564	31
	2014	..	1,337	..	..	..	1,337	26
	2015	..	1,615	..	..	..	1,615	30
Zambia	2012	343	114	..	..	..	457	31
	2013	328	128	..	..	..	456	30
	2014	367	91	..	..	..	458	29
	2015	337	135	..	..	..	472	29
Zimbabwe	2012	..	795	..	..	..	795	55
	2013	..	886	..	..	..	886	59
	2014	..	817	..	..	..	817	54
	2015	..	736	..	..	..	736	47
America, North	2012	282,193	25,702	60,002	2,898	-2,432	247,427	443
	2013	289,251	25,708	66,365	3,501	-757	245,850	436
	2014	296,477	28,793	63,285	5,928	363	255,694	450
	2015	294,173	30,789	67,481	8,776	2,794	245,911	429
Anguilla	2012	..	*32	..	..	..	*32	*2,271
	2013	..	*27	..	..	..	*27	*1,916
	2014	..	*32	..	..	..	*32	*2,227
	2015	..	*34	..	..	..	*34	*2,354
Antigua and Barbuda	2012	..	*64	*1	..	..	*63	*707
	2013	..	*64	*1	..	..	*63	*700
	2014	..	*64	*1	..	..	*63	*693
	2015	..	*66	*1	..	..	*65	*708
Aruba	2012	..	*22	..	..	..	*22	*215
	2013	..	*22	..	..	..	*22	*214
	2014	..	*22	..	..	..	*22	*215
	2015	..	*23	..	..	..	*23	*219
Bahamas	2012	..	401	..	*21	..	380	1,020
	2013	..	757	..	*21	*100	636	1,684
	2014	..	409	..	*21	*-100	488	1,275
	2015	..	*402	..	*21	*-125	*506	*1,304
Barbados	2012	..	109	..	..	0	109	387
	2013	..	103	..	..	0	103	366
	2014	..	76	..	..	-2	78	277
	2015	..	67	..	..	0	67	234

Table 21

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Belize	2012	..	59	..	..	..	59	176
	2013	..	61	..	..	..	61	178
	2014	..	69	..	..	..	69	196
	2015	..	81	..	..	..	81	224
Bermuda	2012	..	*34	..	..	..	*34	*538
	2013	..	32	..	..	..	32	507
	2014	..	59	..	..	..	59	940
	2015	..	30	..	..	..	30	481
Bonaire, St Eustatius, Saba	2012	..	*65	..	*26	..	*39	*1,704
	2013	..	*66	..	*26	..	*40	*1,697
	2014	..	*66	..	*26	..	*40	*1,653
	2015	..	*67	..	*27	..	*41	*1,641
British Virgin Islands	2012	..	*39	..	..	..	*39	*1,357
	2013	..	*39	..	..	..	*39	*1,332
	2014	..	*39	..	..	..	*39	*1,315
	2015	..	*39	..	..	..	*39	*1,298
Canada	2012	31,800	726	7,879	20	83	24,544	704
	2013	30,962	1,154	7,940	31	-325	24,470	695
	2014	30,463	1,219	6,375	30	210	25,067	704
	2015	30,536	1,627	6,725	38	-324	25,724	716
Cayman Islands	2012	..	133	..	..	..	133	2,312
	2013	..	131	..	..	..	131	2,244
	2014	..	135	..	..	..	135	2,278
	2015	..	137	..	..	..	137	2,288
Costa Rica	2012	..	910	0	..	-2	911	196
	2013	..	936	0	..	-5	941	200
	2014	..	972	0	..	-3	975	205
	2015	..	986	0	..	41	945	197
Cuba	2012	1,319	716	437	*30	..	1,568	138
	2013	1,256	829	386	*30	..	1,669	147
	2014	1,124	950	540	*32	..	1,502	132
	2015	1,030	1,031	140	*32	..	1,889	166
Curaçao	2012	1,886	465	1,872	195	..	284	1,861
	2013	1,712	469	1,699	197	..	285	1,847
	2014	1,991	477	1,976	200	..	292	1,875
	2015	1,853	470	1,838	197	..	288	1,832
Dominica	2012	..	27	..	..	-1	28	394
	2013	..	*29	..	..	*-1	*29	*407
	2014	..	*30	..	..	*-1	*31	*422
	2015	..	*29	..	..	*-1	*30	*412
Dominican Republic	2012	345	1,040	..	..	5	1,380	136
	2013	373	872	..	..	-6	1,250	122
	2014	372	778	..	..	28	1,123	108
	2015	214	1,215	..	..	-17	1,446	137
El Salvador	2012	107	463	0	..	-7	577	95
	2013	0	569	10	..	-1	560	92
	2014	0	561	11	..	0	550	90
	2015	0	676	15	..	-3	664	108
Greenland	2012	..	165	..	14	1	150	2,670
	2013	..	155	..	5	5	146	2,589
	2014	..	131	..	16	-9	125	2,220
	2015	..	149	..	6	18	125	2,224

Table 21

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Grenada	2012	..	53	..	..	-6	59	555
	2013	..	70	..	..	0	70	659
	2014	..	51	..	..	0	51	482
	2015	..	49	..	..	-6	55	513
Guadeloupe	2012	..	210	..	..	..	210	456
	2013	..	175	..	..	..	175	377
	2014	..	172	..	..	..	172	369
	2015	..	181	..	..	..	181	386
Guatemala	2012	31	1,280	2	301	24	984	64
	2013	31	1,350	36	322	-49	1,073	68
	2014	38	1,519	85	344	-24	1,152	72
	2015	39	1,703	110	369	37	1,226	75
Haiti	2012	..	457	..	..	..	457	44
	2013	..	463	..	..	..	463	44
	2014	..	530	..	..	..	530	50
	2015	..	504	..	..	..	504	47
Honduras	2012	..	756	..	..	0	756	98
	2013	..	773	..	..	0	773	98
	2014	..	761	..	..	-80	841	106
	2015	..	825	1	..	-88	912	113
Jamaica	2012	225	296	..	63	-11	469	170
	2013	193	288	..	44	-23	460	166
	2014	147	301	..	17	12	419	151
	2015	144	293	34	16	11	376	135
Martinique	2012	*177	*37	*31	*34	..	*149	*376
	2013	*179	*36	*29	*34	..	*151	*382
	2014	*185	*36	*28	*38	..	*155	*392
	2015	*184	*36	*28	*38	..	*155	*390
Mexico	2012	15,210	6,570	130	816	-47	20,881	171
	2013	16,184	5,284	456	702	-196	20,506	166
	2014	14,569	6,588	107	720	-38	20,368	162
	2015	14,059	7,288	337	762	187	20,061	158
Montserrat	2012	..	8	..	*1	..	7	1,471
	2013	..	11	..	*1	..	10	2,054
	2014	..	10	..	*1	..	9	1,747
	2015	..	12	..	*1	..	11	2,049
Nicaragua	2012	156	293	0	..	6	443	75
	2013	209	276	0	..	20	465	78
	2014	213	287	0	..	-18	518	86
	2015	191	363	2	..	-31	583	96
Panama	2012	..	1,079	..	*150	-94	1,023	273
	2013	..	1,090	..	0	-165	1,255	330
	2014	..	1,302	..	0	-141	1,443	373
	2015	..	967	..	0	-211	1,177	300
Sint Maarten (Dutch part)	2012	..	*153	..	*61	..	*93	*2,644
	2013	..	*157	..	*62	..	*95	*2,601
	2014	..	*160	..	*63	..	*97	*2,565
	2015	..	*165	..	*65	..	*100	*2,584
St. Kitts-Nevis	2012	..	54	..	..	..	54	1,012
	2013	..	*55	..	..	..	*55	*1,013
	2014	..	*56	..	..	..	*56	*1,010
	2015	..	*57	..	..	..	*57	*1,018

Table 21

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
St. Lucia	2012	..	77	..	..	..	77	427
	2013	..	77	..	..	..	77	422
	2014	..	77	..	..	..	77	418
	2015	..	78	..	..	..	78	419
St. Pierre-Miquelon	2012	..	*25	..	*6	..	*19	*2,996
	2013	..	*26	..	*6	..	*20	*3,108
	2014	..	*27	..	*6	..	*21	*3,344
	2015	..	*27	..	*6	..	*21	*3,340
St. Vincent-Grenadines	2012	..	55	..	..	..	55	504
	2013	..	44	..	..	..	44	399
	2014	..	*48	..	..	..	*48	*439
	2015	..	*49	..	..	..	*49	*448
Trinidad and Tobago	2012	921	..	379	126	-110	526	392
	2013	1,269	..	517	173	0	579	429
	2014	831	..	247	83	-34	535	395
	2015	1,550	..	730	243	5	572	421
Turks and Caicos Islands	2012	..	*60	..	..	..	*60	*1,850
	2013	..	*61	..	..	..	*61	*1,828
	2014	..	*65	..	..	..	*65	*1,926
	2015	..	*67	..	..	..	*67	*1,951
United States	2012	230,017	8,769	49,271	1,035	-2,273	190,753	606
	2013	236,883	9,159	55,291	1,847	-111	189,015	596
	2014	246,544	10,713	53,915	4,330	564	198,448	621
	2015	244,373	10,998	57,520	6,956	3,300	187,595	583
America, South	2012	77,719	25,505	3,775	970	381	98,098	242
	2013	77,661	30,070	2,090	1,530	2,011	102,100	249
	2014	79,949	30,332	2,980	1,451	1,648	104,202	252
	2015	74,357	26,221	1,022	1,527	-482	98,512	235
Argentina	2012	9,931	1,185	65	177	-50	10,924	260
	2013	8,803	3,652	92	179	-10	12,194	287
	2014	8,440	3,171	256	157	10	11,188	260
	2015	8,977	3,272	98	100	79	11,972	276
Bolivia (Plur. State of)	2012	616	754	..	..	1	1,369	134
	2013	697	777	..	..	-1	1,475	142
	2014	758	826	..	..	-9	1,593	151
	2015	849	684	..	..	0	1,533	143
Brazil	2012	39,881	8,446	287	401	-328	47,967	237
	2013	43,267	8,712	327	568	133	50,951	249
	2014	43,570	9,799	349	465	184	52,371	254
	2015	43,297	6,031	82	585	-321	48,982	236
Chile	2012	2,863	4,815	401	9	102	7,166	412
	2013	3,076	4,971	428	8	55	7,556	430
	2014	3,177	4,909	379	0	31	7,676	432
	2015	3,031	5,229	79	0	-110	8,291	462
Colombia	2012	4,806	2,615	709	*156	2	6,554	140
	2013	4,578	3,162	686	588	193	6,273	133
	2014	5,422	3,937	734	627	1,490	6,508	136
	2015	2,672	2,055	..	668	..	4,059	84
Ecuador	2012	1,785	2,304	..	..	21	4,068	264
	2013	1,599	2,820	..	..	24	4,395	281
	2014	1,484	3,379	..	..	-52	4,915	309
	2015	1,461	3,205	..	..	-14	4,680	290

Table 21

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Falkland Is. (Malvinas)	2012	..	*9	..	..	..	*9	*3,004
	2013	..	*9	..	..	..	*9	*2,989
	2014	..	*9	..	..	..	*9	*2,975
	2015	..	*9	..	..	..	*9	*2,997
French Guiana	2012	..	*89	..	..	..	*89	*360
	2013	..	*82	..	..	..	*82	*322
	2014	..	*103	..	..	..	*103	*394
	2015	..	*90	..	..	..	*90	*335
Guyana	2012	..	288	..	..	-14	302	398
	2013	..	270	..	..	-3	272	358
	2014	..	296	..	..	6	289	379
	2015	..	268	..	..	-1	269	351
Paraguay	2012	..	1,130	..	..	108	1,022	160
	2013	..	1,021	..	..	-97	1,118	173
	2014	..	1,170	..	..	8	1,161	177
	2015	..	1,279	..	..	27	1,252	189
Peru	2012	4,465	1,628	21	..	38	6,034	200
	2013	4,268	2,330	52	..	436	6,110	200
	2014	4,185	2,316	1	..	668	5,832	188
	2015	3,530	2,595	..	..	-126	6,251	199
Suriname	2012	49	240	21	*39	..	229	433
	2013	62	226	79	*27	..	182	341
	2014	32	219	51	*34	..	167	310
	2015	20	245	44	*32	..	190	350
Uruguay	2012	795	667	..	126	41	1,296	382
	2013	843	319	..	108	1	1,052	309
	2014	800	198	..	109	29	861	252
	2015	797	249	0	94	-17	969	282
Venezuela (Bolivar. Rep.)	2012	12,527	1,337	2,271	63	460	11,070	371
	2013	10,468	1,720	426	52	1,279	10,431	345
	2014	12,082	..	1,210	60	-717	11,529	376
	2015	9,724	1,010	719	49	..	9,966	320
Asia	2012	556,085	100,940	122,544	5,710	-1,776	530,546	125
	2013	565,955	100,442	128,361	5,610	-271	532,696	124
	2014	569,038	106,320	136,196	5,331	-654	534,485	123
	2015	594,784	102,114	152,498	6,978	1,298	536,124	122
Afghanistan	2012	..	873	..	..	..	873	29
	2013	..	559	..	..	..	559	18
	2014	..	456	..	..	..	456	14
	2015	..	609	..	..	..	609	19
Armenia	2012	..	149	..	..	..	149	50
	2013	..	138	..	..	..	138	46
	2014	..	143	..	..	..	143	47
	2015	..	122	0	..	..	121	40
Azerbaijan	2012	2,369	3	1,139	86	11	1,136	121
	2013	2,495	2	1,085	80	3	1,329	140
	2014	2,946	1	1,523	74	32	1,318	137
	2015	2,804	12	1,655	50	-52	1,163	119
Bahrain	2012	4,223	..	3,806	..	56	361	271
	2013	3,942	..	3,589	..	38	315	233
	2014	4,083	..	3,900	..	-123	306	225
	2015	4,210	..	3,885	..	-8	333	242

Table 21

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Bangladesh	2012	410	2,619	..	..	-211	3,240	21
	2013	456	2,609	..	..	100	2,965	19
	2014	427	2,904	..	..	88	3,243	20
	2015	462	2,975	..	..	41	3,396	21
Bhutan	2012	..	102	..	..	..	102	137
	2013	..	110	..	..	..	110	146
	2014	..	102	..	..	..	102	134
	2015	..	110	..	..	..	110	142
Brunei Darussalam	2012	114	197	5	..	-4	310	764
	2013	138	154	5	..	7	280	680
	2014	113	179	9	..	6	277	664
	2015	141	168	..	9	6	294	695
Cambodia	2012	..	898	..	..	..	898	61
	2013	..	918	..	..	..	918	61
	2014	..	1,005	..	..	..	1,005	66
	2015	..	1,073	..	..	..	1,073	69
China	2012	170,638	999	1,854	292	-89	169,580	125
	2013	172,757	353	2,782	247	-894	170,975	125
	2014	176,353	474	4,105	211	937	171,575	125
	2015	180,079	428	7,163	437	-55	172,963	126
China, Hong Kong SAR	2012	..	3,557	112	1,364	172	1,909	269
	2013	..	3,429	209	1,309	22	1,889	264
	2014	..	3,279	94	1,437	-160	1,908	264
	2015	..	5,105	293	2,000	576	2,236	307
China, Macao SAR	2012	..	149	..	*61	1	87	156
	2013	..	170	..	*64	9	97	171
	2014	..	171	..	66	0	105	182
	2015	..	189	..	68	8	113	192
Cyprus	2012	..	704	..	69	2	633	561
	2013	..	673	..	83	14	576	505
	2014	..	549	..	80	6	463	401
	2015	..	562	..	75	38	449	385
Georgia	2012	..	459	0	..	0	459	111
	2013	..	479	0	..	14	465	114
	2014	..	530	0	..	10	519	129
	2015	5	597	1	..	-4	605	151
India	2012	91,085	626	22,464	..	-458	69,705	55
	2013	94,165	84	26,499	9	-17	67,758	53
	2014	95,914	191	*25,565	..	..	70,540	54
	2015	98,643	180	24,035	..	..	74,788	57
Indonesia	2012	16,774	14,200	12	89	..	30,873	124
	2013	19,532	10,349	1	160	..	29,720	118
	2014	16,246	9,739	1	164	..	25,820	101
	2015	16,159	6,893	0	139	..	22,913	89
Iran (Islamic Rep. of)	2012	29,814	38	558	153	..	29,141	383
	2013	31,032	213	225	144	..	30,876	400
	2014	30,501	267	9	131	..	30,628	392
	2015	29,387	0	1,752	260	..	27,375	346
Iraq	2012	6,262	8,133	..	..	..	14,395	437
	2013	6,477	9,073	..	..	..	15,550	456
	2014	5,099	11,229	..	..	..	16,328	463
	2015	3,539	9,926	..	..	..	13,465	370

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Israel	2012	3,915	1,934	1,199	64	93	4,493	584
	2013	4,673	499	2,451	37	45	2,639	338
	2014	5,378	149	2,953	41	109	2,424	305
	2015	5,249	206	2,693	34	-16	2,744	340
Japan	2012	45,381	571	5,992	77	275	39,608	312
	2013	48,557	262	9,011	186	-339	39,961	315
	2014	45,670	570	7,478	91	233	38,438	303
	2015	45,829	507	8,563	155	-285	37,903	299
Jordan	2012	1,109	2,097	..	6	62	3,139	449
	2013	980	1,657	..	3	-80	2,715	376
	2014	931	2,373	..	2	26	3,276	442
	2015	1,050	1,112	..	4	15	2,143	282
Kazakhstan	2012	4,890	495	1,796	0	34	3,555	211
	2013	5,299	617	1,766	0	31	4,119	241
	2014	5,282	618	1,765	..	324	3,811	219
	2015	4,487	165	168	..	-351	4,835	274
Korea, Dem.Ppl's.Rep.	2012	188	41	..	..	..	229	9
	2013	208	43	..	..	..	251	10
	2014	191	44	..	..	..	235	9
	2015	191	61	..	..	..	252	10
Korea, Republic of	2012	42,206	899	23,648	815	-309	18,951	382
	2013	40,587	1,395	21,898	823	650	18,611	373
	2014	42,480	831	23,345	885	-505	19,586	391
	2015	45,099	285	23,090	1,282	656	20,356	405
Kuwait	2012	11,563	..	7,485	100	..	3,978	1,163
	2013	10,532	..	6,985	103	..	3,444	958
	2014	10,806	..	7,112	106	..	3,588	956
	2015	10,294	..	6,650	101	..	3,543	910
Kyrgyzstan	2012	31	566	6	..	45	546	97
	2013	27	615	11	..	-52	683	119
	2014	30	509	8	..	28	503	86
	2015	56	515	0	..	30	541	91
Lao People's Dem. Rep.	2012	..	597	..	..	..	597	92
	2013	..	*592	..	..	..	*592	*90
	2014	..	600	..	..	..	600	90
	2015	..	*600	..	..	..	*600	*88
Lebanon	2012	..	3,269	..	..	..	3,269	664
	2013	..	3,076	..	..	..	3,076	582
	2014	..	3,317	..	..	..	3,317	591
	2015	..	3,365	..	..	..	3,365	575
Malaysia	2012	9,878	3,449	5,225	2	-1,482	9,582	330
	2013	10,892	5,027	5,236	2	837	9,844	334
	2014	9,575	5,834	5,158	2	-258	10,507	351
	2015	9,737	4,488	5,301	2	-483	9,405	310
Maldives	2012	..	338	..	*39	..	298	865
	2013	..	308	..	*35	..	273	778
	2014	..	386	..	*50	..	336	940
	2015	..	390	..	*45	..	345	949
Mongolia	2012	..	716	..	..	..	716	255
	2013	..	774	..	..	..	774	271
	2014	..	686	..	..	..	686	236
	2015	..	655	..	..	..	655	221

Table 21

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Myanmar	2012	165	1,017	..	2	3	1,177	22
	2013	150	1,224	..	3	28	1,343	25
	2014	161	2,226	..	0	-495	2,882	54
	2015	170	1,905	..	2	-111	2,184	41
Nepal	2012	..	721	..	..	..	721	26
	2013	..	809	..	..	..	809	29
	2014	..	922	..	..	..	922	33
	2015	..	619	..	..	..	619	22
Oman	2012	2,074	188	179	..	..	2,083	588
	2013	1,891	477	137	..	..	2,231	571
	2014	2,633	..	153	..	..	2,480	585
	2015	2,963	..	436	..	..	2,527	563
Other Asia	2012	13,904	0	9,306	123	123	4,352	187
	2013	14,162	37	9,818	118	-69	4,332	186
	2014	14,140	..	9,811	109	-187	4,407	189
	2015	13,865	73	8,997	91	133	4,717	202
Pakistan	2012	3,902	2,957	0	9	-6	6,856	39
	2013	4,361	2,568	2	7	-19	6,939	38
	2014	4,508	3,277	0	5	327	7,453	40
	2015	4,826	2,982	0	5	0	7,803	41
Philippines	2012	3,130	3,450	51	17	101	6,410	67
	2013	2,951	3,660	0	22	-125	6,713	69
	2014	3,058	4,197	0	24	37	7,194	73
	2015	4,008	3,925	0	10	58	7,864	78
Qatar	2012	2,205	0	3,326	..	-278	-843	-418
	2013	2,190	125	3,513	..	2	-1,200	-571
	2014	2,201	12	3,665	..	46	-1,498	-690
	2015	2,091	602	2,906	..	570	-783	-350
Saudi Arabia	2012	31,383	8,188	4,637	..	355	34,579	1,172
	2013	29,460	12,052	5,543	..	269	35,700	1,182
	2014	36,842	11,474	11,758	..	-297	36,855	1,193
	2015	48,015	12,442	19,973	..	380	40,104	1,272
Singapore	2012	14,627	14,200	23,189	1,456	271	3,912	738
	2013	12,332	12,590	21,388	1,376	-455	2,613	483
	2014	10,605	13,946	22,083	1,313	18	1,137	206
	2015	*10,882	14,419	22,812	1,722	18	750	134
Sri Lanka	2012	394	1,652	..	54	56	1,936	95
	2013	390	1,199	..	0	-186	1,774	86
	2014	496	1,394	..	0	-129	2,020	98
	2015	517	1,289	..	0	-256	2,061	100
State of Palestine	2012	..	445	..	..	0	445	103
	2013	..	484	..	..	0	484	110
	2014	..	520	..	..	-44	564	124
	2015	..	590	..	..	..	590	126
Syrian Arab Republic	2012	2,572	1,305	..	448	..	3,429	172
	2013	1,701	1,780	..	412	..	3,069	159
	2014	1,701	909	..	220	..	2,390	127
	2015	1,701	789	..	170	..	2,320	125
Tajikistan	2012	3	122	..	..	..	125	16
	2013	4	148	..	..	..	152	19
	2014	4	244	..	..	..	248	30
	2015	2	227	..	..	..	229	27

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Thailand	2012	20,836	13	4,463	..	*-670	17,056	254
	2013	21,955	169	4,193	..	-51	17,982	267
	2014	20,709	300	3,714	..	-853	18,148	268
	2015	23,351	103	5,308	..	341	17,805	262
Timor-Leste	2012	..	*75	..	..	..	*75	*68
	2013	..	*122	..	..	..	*122	*108
	2014	..	*144	..	..	..	*144	*124
	2015	..	*141	..	..	..	*141	*119
Turkey	2012	7,874	11,094	227	153	93	18,495	247
	2013	7,690	12,011	91	126	-28	19,512	256
	2014	6,266	12,959	55	102	179	18,889	244
	2015	8,721	12,516	73	112	60	20,992	267
Turkmenistan	2012	2,470	..	320	..	..	2,150	416
	2013	2,540	..	560	..	..	1,980	378
	2014	2,770	..	690	..	..	2,080	392
	2015	2,770	..	690	..	..	2,080	387
United Arab Emirates	2012	5,478	691	571	*164	..	5,434	607
	2013	6,029	1,308	*768	*192	..	6,377	705
	2014	6,246	479	718	148	..	5,859	645
	2015	9,194	2,350	5,455	155	..	5,934	648
Uzbekistan	2012	1,021	..	139	..	..	882	31
	2013	1,082	..	147	..	..	935	32
	2014	1,019	..	138	..	..	881	30
	2015	989	..	134	..	..	855	29
Viet Nam	2012	2,854	4,565	835	..	-21	6,605	73
	2013	3,456	3,157	448	..	-25	6,190	68
	2014	2,892	4,112	387	..	-9	6,626	72
	2015	3,068	5,213	466	..	-11	7,826	84
Yemen	2012	343	1,580	..	67	..	1,856	75
	2013	862	2,345	..	70	..	3,137	123
	2014	761	2,070	..	70	..	2,761	105
	2015	232	632	..	50	..	814	30
Europe	2012	352,944	131,024	151,078	8,351	-1,349	325,888	442
	2013	347,869	134,733	148,958	8,582	1,086	323,976	439
	2014	354,339	129,380	145,615	16,307	518	321,280	435
	2015	363,946	142,729	152,419	21,900	6,064	326,293	441
Albania	2012	20	668	..	..	..	688	239
	2013	0	935	..	20	171	745	258
	2014	89	980	53	20	215	782	271
	2015	56	785	56	20	20	745	257
Andorra	2012	..	137	..	..	..	137	1,724
	2013	..	134	..	..	..	134	1,772
	2014	..	130	..	..	..	130	1,786
	2015	..	131	..	..	..	131	1,857
Austria	2012	4,006	4,448	1,011	20	20	7,403	876
	2013	4,069	4,639	962	22	-53	7,777	916
	2014	3,981	4,490	1,012	20	-53	7,492	880
	2015	4,095	4,585	892	17	43	7,728	904
Belarus	2012	7,539	3,218	7,576	..	2	3,179	335
	2013	7,687	19	4,356	..	-2	3,352	353
	2014	8,257	22	5,160	..	-9	3,128	329
	2015	8,644	176	6,217	..	-116	2,719	286

Table 21

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Belgium	2012	12,905	7,884	9,579	500	-90	10,800	975
	2013	11,447	12,047	11,011	505	438	11,540	1,035
	2014	13,791	9,782	11,768	600	184	11,021	982
	2015	13,669	10,737	10,783	1,510	846	11,267	997
Bosnia and Herzegovina	2012	434	478	56	..	0	856	224
	2013	440	504	38	..	11	895	234
	2014	431	541	13	..	24	935	245
	2015	410	597	3	..	17	987	259
Bulgaria	2012	2,205	663	965	45	-101	1,959	268
	2013	2,087	859	1,039	60	144	1,703	235
	2014	1,970	919	842	56	-47	2,038	283
	2015	2,202	995	927	66	85	2,119	296
Croatia	2012	1,287	694	388	0	4	1,589	371
	2013	1,242	787	444	0	-17	1,602	375
	2014	1,063	1,020	528	0	-32	1,587	373
	2015	1,250	1,104	599	0	46	1,709	403
Czechia	2012	3,357	1,488	759	..	-38	4,124	391
	2013	3,124	1,710	690	..	-22	4,166	395
	2014	3,568	1,786	879	..	103	4,372	415
	2015	3,451	2,212	1,093	..	1	4,569	433
Denmark	2012	3,668	1,968	1,480	244	-36	3,948	705
	2013	3,452	2,397	1,679	263	163	3,744	666
	2014	3,294	2,634	1,671	299	273	3,685	653
	2015	4,548	3,717	2,571	435	438	4,821	850
Estonia	2012	..	713	13	86	4	610	461
	2013	..	713	17	40	50	606	459
	2014	..	691	9	50	-9	641	487
	2015	..	764	14	92	-9	667	508
Faeroe Islands	2012	..	*133	..	8	..	*125	*2,584
	2013	..	*152	..	8	..	*144	*2,975
	2014	..	*130	..	6	..	*124	*2,562
	2015	..	*136	..	6	..	*130	*2,707
Finland	2012	6,502	2,360	3,123	42	-110	5,807	1,070
	2013	6,691	3,094	4,005	47	538	5,195	953
	2014	6,400	2,159	3,638	33	-49	4,937	901
	2015	5,871	1,791	2,910	44	85	4,623	840
France	2012	27,514	23,462	2,781	91	-169	48,273	759
	2013	27,030	23,160	1,976	73	180	47,961	751
	2014	27,371	22,482	1,805	84	287	47,677	743
	2015	28,180	23,832	2,783	119	462	48,648	733
Germany	2012	46,015	13,591	6,364	433	-580	53,389	663
	2013	45,093	17,792	7,076	427	-82	55,464	688
	2014	44,270	16,871	7,694	490	-650	53,607	665
	2015	45,746	18,442	8,438	1,016	375	54,359	674
Gibraltar	2012	..	553	..	473	..	80	2,548
	2013	..	518	..	433	..	85	2,680
	2014	..	499	..	407	..	92	2,875
	2015	..	515	..	416	..	99	3,073
Greece	2012	7,833	1,391	4,740	264	-223	4,443	400
	2013	8,243	1,338	5,706	281	213	3,381	306
	2014	9,696	936	6,592	264	-318	4,094	372
	2015	10,554	998	6,563	305	177	4,507	411

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Hungary	2012	3,685	1,195	1,438	..	-13	3,455	347
	2013	3,599	1,248	1,384	..	-20	3,483	351
	2014	3,647	1,421	1,576	..	3	3,489	353
	2015	3,162	1,487	1,150	..	168	3,331	338
Iceland	2012	..	279	..	32	-1	248	767
	2013	2	273	..	12	17	246	756
	2014	2	288	..	15	-16	291	889
	2015	12	342	..	34	8	312	947
Ireland	2012	1,310	2,211	309	72	99	3,041	651
	2013	1,144	2,121	0	113	-68	3,220	689
	2014	1,087	2,227	17	107	-8	3,198	684
	2015	1,362	2,281	60	144	27	3,412	728
Italy	2012	36,528	2,102	10,746	147	-209	27,946	468
	2013	32,691	3,038	8,484	126	103	27,016	452
	2014	30,684	3,168	5,498	114	448	27,792	465
	2015	33,288	3,010	8,923	227	13	27,135	454
Latvia	2012	17	1,177	211	87	51	845	415
	2013	17	1,445	503	80	10	869	432
	2014	20	1,449	589	69	-97	908	456
	2015	19	1,884	741	123	73	966	490
Lithuania	2012	3,025	461	2,986	20	-42	522	173
	2013	3,086	744	3,401	13	47	369	125
	2014	2,531	1,010	2,997	8	-3	539	185
	2015	2,908	1,619	3,954	40	20	513	178
Luxembourg	2012	..	2,081	0	..	14	2,067	3,882
	2013	..	2,076	2	..	11	2,063	3,786
	2014	..	1,969	0	..	7	1,962	3,525
	2015	..	1,891	1	..	-7	1,897	3,345
Malta	2012	..	415	7	221	-4	191	460
	2013	..	449	64	174	20	191	458
	2014	..	406	25	185	1	195	467
	2015	..	731	317	259	-10	165	394
Montenegro	2012	..	170	0	..	..	170	272
	2013	..	171	1	..	..	170	272
	2014	..	177	0	..	7	170	272
	2015	..	186	0	..	2	184	294
Netherlands	2012	20,327	18,198	29,277	1,475	368	7,405	442
	2013	20,529	17,877	29,535	1,336	-102	7,637	454
	2014	21,038	15,403	27,798	1,342	-145	7,446	441
	2015	22,607	16,329	26,756	1,961	2,126	8,093	478
Norway	2012	6,298	1,471	2,524	148	88	5,009	998
	2013	6,866	1,287	2,658	175	25	5,295	1,042
	2014	6,366	1,113	2,761	68	38	4,612	896
	2015	6,641	1,695	3,340	90	-18	4,924	945
Poland	2012	11,982	1,422	337	66	40	12,961	336
	2013	11,677	943	608	76	-50	11,986	310
	2014	11,237	1,452	968	75	-99	11,745	304
	2015	12,299	2,061	1,790	138	-172	12,604	326
Portugal	2012	4,182	890	350	49	34	4,639	441
	2013	5,701	578	1,693	59	0	4,527	433
	2014	5,166	699	1,295	58	-90	4,602	442
	2015	6,446	782	2,284	109	70	4,765	460

Table 21

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Republic of Moldova	2012	3	398	1	..	-3	403	99
	2013	1	455	6	..	7	443	109
	2014	1	457	4	..	-11	465	114
	2015	0	522	9	..	15	498	122
Romania	2012	3,806	1,546	709	14	2	4,627	232
	2013	4,209	1,117	865	41	64	4,356	220
	2014	5,170	994	1,635	79	33	4,417	225
	2015	5,116	1,216	1,609	44	24	4,655	239
Russian Federation	2012	69,436	252	41,144	1,277	110	27,157	190
	2013	71,599	174	42,424	1,388	244	27,717	193
	2014	77,001	89	40,308	8,585	19	28,178	196
	2015	76,004	107	38,391	10,630	-284	27,374	191
Serbia	2012	691	712	5	3	-45	1,440	160
	2013	1,122	397	29	9	-13	1,494	167
	2014	1,172	434	59	15	-6	1,538	173
	2015	1,279	430	122	24	8	1,555	176
Slovakia	2012	2,863	586	1,899	..	-4	1,554	287
	2013	3,041	645	2,126	..	-1	1,561	288
	2014	2,787	707	1,941	..	9	1,544	285
	2015	3,120	798	2,361	..	63	1,494	275
Slovenia	2012	52	2,420	643	..	87	1,742	844
	2013	60	2,335	806	..	-58	1,647	798
	2014	41	2,505	951	..	-12	1,607	778
	2015	26	2,639	1,090	..	-14	1,589	769
Spain	2012	28,639	6,696	6,192	1,166	-451	28,428	610
	2013	27,608	4,658	5,400	1,216	-426	26,076	561
	2014	27,985	3,812	5,071	1,264	528	24,934	539
	2015	28,360	4,644	5,403	1,660	993	24,948	541
Sweden	2012	8,340	2,080	5,099	237	-66	5,150	540
	2013	6,811	2,165	3,577	241	-262	5,420	563
	2014	8,092	2,400	4,829	313	-32	5,382	555
	2015	8,992	2,578	5,556	774	473	4,767	487
Switzerland	2012	1,714	4,241	56	8	89	5,802	720
	2013	2,604	3,970	66	6	-67	6,569	805
	2014	2,636	2,936	64	5	47	5,456	661
	2015	1,581	4,066	24	6	-184	5,801	696
T.F.Yug.Rep. Macedonia	2012	74	502	154	..	3	419	202
	2013	28	516	100	..	-9	452	218
	2014	0	561	86	..	6	469	226
	2015	0	639	90	..	6	543	261
Ukraine	2012	1,411	4,765	509	..	-59	5,726	126
	2013	1,120	4,284	78	..	148	5,178	115
	2014	832	4,775	76	..	-182	5,713	127
	2015	786	4,835	0	..	11	5,610	125
United Kingdom	2012	25,276	10,906	7,647	1,123	-120	27,532	433
	2013	23,749	10,969	6,149	1,338	-266	27,497	430
	2014	22,663	12,857	5,403	1,676	155	28,286	440
	2015	21,262	14,440	4,599	1,591	183	29,329	453
Oceania	2012	13,091	10,911	110	169	72	23,651	629
	2013	13,526	12,180	76	161	103	25,365	664
	2014	12,942	13,500	60	174	-347	26,555	685
	2015	12,198	14,725	66	249	256	26,352	670

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Australia	2012	10,488	9,464	110	37	77	19,728	861
	2013	10,949	10,510	76	29	98	21,256	913
	2014	10,550	11,260	54	34	-358	22,080	935
	2015	9,652	12,523	45	79	224	21,827	911
Cook Islands	2012	..	*14	..	..	..	*14	*692
	2013	..	*14	..	..	..	*14	*689
	2014	..	*15	..	..	..	*15	*724
	2015	..	*14	..	..	..	*14	*662
Fiji	2012	..	230	0	*38	..	191	219
	2013	..	*280	0	*39	..	*241	*274
	2014	..	*340	0	*42	..	*298	*336
	2015	..	420	0	*63	..	357	400
French Polynesia	2012	..	131	..	*37	..	94	342
	2013	..	134	..	*38	..	96	347
	2014	..	131	..	*37	..	94	337
	2015	..	137	..	*39	..	99	349
Kiribati	2012	..	11	..	..	..	11	100
	2013	..	11	..	..	..	11	97
	2014	..	11	..	..	..	11	100
	2015	..	*12	..	..	..	*12	*107
Marshall Islands	2012	..	33	..	..	..	33	631
	2013	..	*34	..	..	..	*34	*641
	2014	..	*33	..	..	..	*33	*628
	2015	..	*35	..	..	..	*35	*660
Micronesia (Fed. States of)	2012	..	*26	..	..	..	*26	*251
	2013	..	*27	..	..	..	*27	*260
	2014	..	*27	..	..	..	*27	*260
	2015	..	*27	..	..	..	*27	*258
Nauru	2012	..	*8	..	..	0	*8	*801
	2013	..	*8	..	..	0	*8	*820
	2014	..	*9	..	..	0	*9	*855
	2015	..	*9	..	..	0	*9	*880
New Caledonia	2012	..	221	..	8	1	212	837
	2013	..	296	..	5	2	289	1,125
	2014	..	420	..	6	7	407	1,567
	2015	..	319	..	8	8	304	1,153
New Zealand	2012	2,140	466	..	45	-14	2,575	580
	2013	2,052	653	..	46	7	2,652	594
	2014	1,997	765	6	52	-7	2,711	603
	2015	2,150	735	21	57	12	2,795	617
Niue	2012	..	1	..	..	..	1	712
	2013	..	1	..	..	..	1	743
	2014	..	1	..	..	..	1	732
	2015	..	1	..	..	..	1	745
Palau	2012	..	*28	..	..	..	*28	*1,349
	2013	..	*29	..	..	..	*29	*1,386
	2014	..	*31	..	..	..	*31	*1,469
	2015	..	*28	..	..	..	*28	*1,315
Papua New Guinea	2012	463	148	..	..	8	603	84
	2013	525	63	..	..	-3	591	81
	2014	395	324	..	..	12	708	95
	2015	*396	*325	..	..	*12	*709	*93

Table 21

Production, trade and supply of gas oil/diesel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Samoa	2012	..	*39	..	..	..	*39	*204
	2013	..	39	..	..	-2	41	214
	2014	..	*40	..	..	..	*40	*211
	2015	..	52	..	..	..	52	271
Solomon Islands	2012	..	*42	..	*4	..	*38	*69
	2013	..	*44	..	*4	..	*40	*71
	2014	..	*44	..	*4	..	*40	*70
	2015	..	*44	..	*4	..	*40	*69
Tonga	2012	..	12	..	..	..	12	113
	2013	..	0	..	..	..	0	2
	2014	..	1	..	..	..	1	9
	2015	..	0	..	..	..	0	0
Tuvalu	2012	..	*2	..	..	..	*2	*183
	2013	..	*2	..	..	..	*2	*182
	2014	..	*2	..	..	..	*2	*182
	2015	..	*2	..	..	..	*2	*192
Vanuatu	2012	..	30	..	..	..	30	123
	2013	..	28	..	..	..	28	110
	2014	..	40	..	..	..	40	153
	2015	..	35	..	..	..	35	131
Wallis and Futuna Is.	2012	..	7	..	..	..	7	489
	2013	..	6	..	..	..	6	482
	2014	..	6	..	..	..	6	478
	2015	..	6	..	..	..	6	481

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Table Notes

Production includes output from refineries and plants.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Figure 60: Production of fuel oil by region, 1990-2015

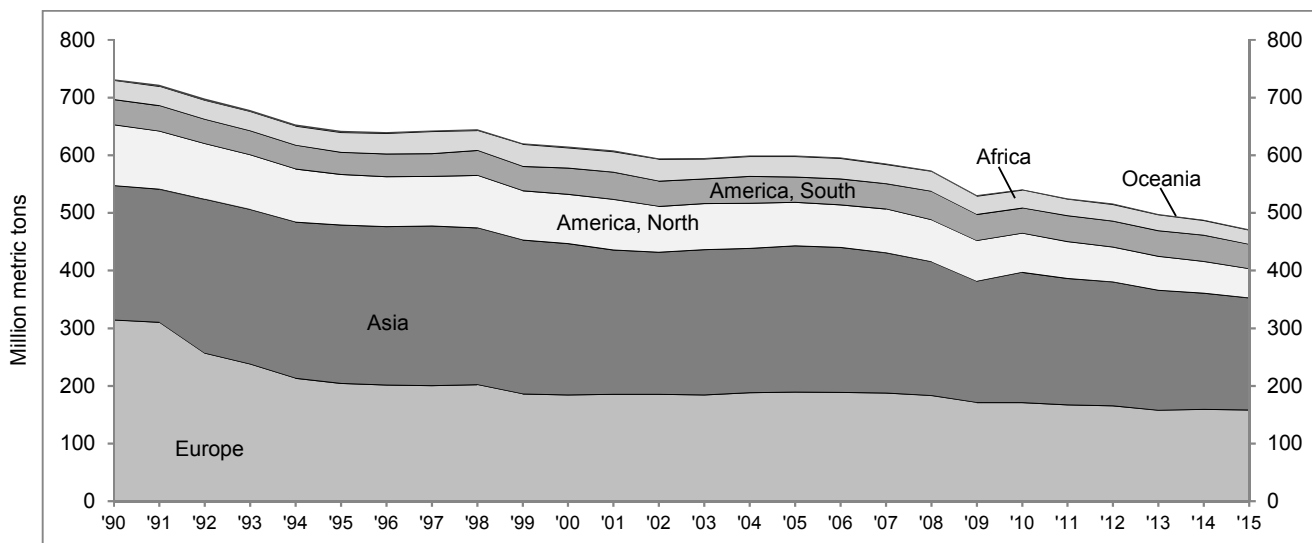


Figure 61: Major fuel oil producing countries, 2015

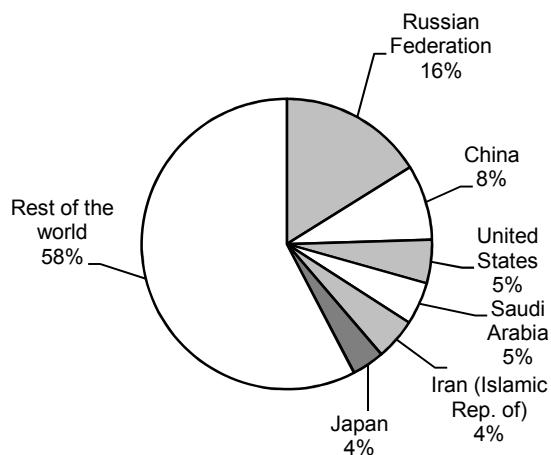


Figure 62: Major fuel oil consuming countries, 2015

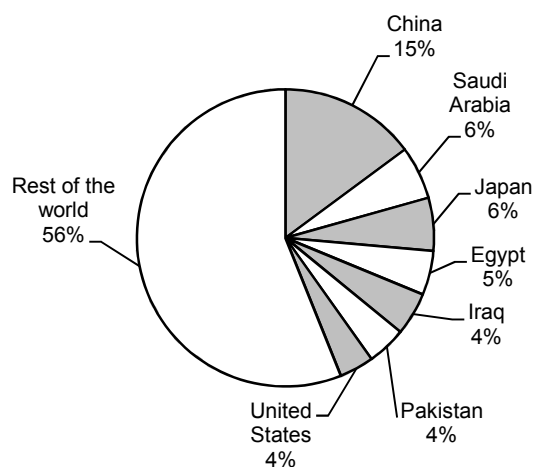


Table 22

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
World	2012	516,449	262,442	292,861	170,196	5,728	310,106	44
	2013	497,837	265,962	310,147	175,625	284	277,743	39
	2014	488,086	246,250	299,937	167,911	-461	266,948	37
	2015	471,100	254,143	314,894	166,850	2,811	240,688	33
Africa	2012	29,376	6,779	8,611	4,107	1,588	21,849	20
	2013	27,457	8,574	10,944	3,562	1,579	19,946	18
	2014	25,690	10,092	9,807	3,347	1,030	21,598	19
	2015	24,241	9,800	9,973	3,756	200	20,111	17
Algeria	2012	5,115	201	5,127	211	-68	46	1
	2013	5,358	204	5,308	216	-3	41	1
	2014	6,594	180	6,464	209	79	22	1
	2015	6,617	196	6,631	217	-1	-34	-1
Angola	2012	737	..	181	377	..	179	8
	2013	815	..	455	237	..	123	5
	2014	921	25	408	370	..	168	7
	2015	802	0	605	411	..	-214	-9
Benin	2012	..	119	69	..	2	48	5
	2013	..	127	74	..	12	41	4
	2014	..	135	79	..	44	12	1
	2015	..	142	83	..	34	25	2
Botswana	2012	..	10	..	..	..	10	5
	2013	..	11	..	..	..	11	5
	2014	..	11	..	..	..	11	5
	2015	..	11	..	..	..	11	5
Burkina Faso	2012	..	47	..	..	*-7	54	3
	2013	..	62	..	..	*-5	66	4
	2014	..	136	..	..	*9	127	7
	2015	..	201	..	..	*21	180	10
Burundi	2012	..	*2	..	..	..	*2	0
	2013	..	*7	..	..	..	*7	*1
	2014	..	*11	..	..	..	*11	*1
	2015	..	*10	..	..	..	*10	*1
Cabo Verde	2012	..	72	..	20	..	53	105
	2013	..	74	..	17	..	56	111
	2014	..	96	..	38	..	58	113
	2015	..	*80	..	*22	..	*58	*111
Cameroon	2012	275	..	120	4	..	151	7
	2013	192	..	61	4	..	127	6
	2014	269	..	82	4	..	183	8
	2015	286	..	82	4	..	200	9
Central African Rep.	2012	..	*6	..	..	..	*6	*1
	2013	..	*6	..	..	..	*6	*1
	2014	..	*6	..	..	..	*6	*1
	2015	..	*6	..	..	..	*6	*1
Congo	2012	272	..	256	..	..	16	4
	2013	321	..	311	..	..	10	2
	2014	332	..	332	..	..	0	0
	2015	316	..	316	..	..	0	0
Côte d'Ivoire	2012	543	..	312	20	..	211	10
	2013	467	..	341	17	..	109	5
	2014	396	..	168	14	..	214	10
	2015	311	..	124	6	-10	191	8

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Dem. Rep. of the Congo	2012	..	41	..	..	..	41	1
	2013	..	41	..	..	..	41	1
	2014	..	41	..	..	..	41	1
	2015	..	16	..	..	..	16	0
Djibouti	2012	..	*80	..	*10	..	*70	*82
	2013	..	*84	..	*11	..	*74	*85
	2014	..	*86	..	*11	..	*75	*86
	2015	..	*87	..	*12	..	*75	*84
Egypt	2012	10,155	1,005	..	290	..	10,870	127
	2013	*7,858	2,958	..	196	..	*10,620	*121
	2014	8,046	4,268	..	113	..	12,201	136
	2015	7,899	3,798	..	139	..	11,558	126
Eritrea	2012	..	71	..	..	..	71	15
	2013	..	72	..	..	..	72	14
	2014	..	76	..	..	..	76	15
	2015	..	79	..	..	..	79	15
Ethiopia	2012	..	123	..	..	..	123	1
	2013	..	115	..	..	..	115	1
	2014	..	128	..	..	..	128	1
	2015	..	71	..	..	..	71	1
Gabon	2012	386	..	211	120	..	55	34
	2013	429	..	264	109	..	56	34
	2014	411	..	244	109	..	58	34
	2015	395	..	219	109	..	67	39
Gambia	2012	..	56	..	..	..	56	31
	2013	..	51	..	..	..	51	27
	2014	..	66	..	..	..	66	34
	2015	..	*68	..	..	..	*68	*34
Ghana	2012	79	..	45	..	..	35	1
	2013	44	44	4	..	45	39	2
	2014	44	49	..	..	..	92	3
	2015	9	..	..	..	..	9	0
Guinea	2012	..	187	..	..	..	187	16
	2013	..	100	..	..	..	100	8
	2014	..	105	..	..	..	105	9
	2015	..	72	..	..	..	72	6
Guinea-Bissau	2012	..	*29	..	..	..	*29	*17
	2013	..	*29	..	..	..	*29	*16
	2014	..	*30	..	..	..	*30	*17
	2015	..	*32	..	..	..	*32	*17
Kenya	2012	300	149	0	12	0	437	10
	2013	184	187	42	12	-21	339	8
	2014	0	386	53	5	0	328	7
	2015	0	380	18	4	0	358	8
Liberia	2012	..	*21	..	*6	..	*15	*4
	2013	..	*16	..	*6	..	*10	*2
	2014	..	15	..	*5	..	10	2
	2015	..	0	..	0	..	0	0
Libya	2012	2,895	..	108	358	..	2,429	387
	2013	3,973	..	1,965	241	..	1,767	282
	2014	1,655	159	0	95	..	1,719	275
	2015	1,680	..	231	*83	..	1,366	218

Table 22

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Madagascar	2012	..	108	..	*16	5	87	4
	2013	..	106	..	*18	0	88	4
	2014	..	*110	..	*20	0	*90	*4
	2015	..	*75	..	*21	0	*54	*2
Malawi	2012	..	*2	..	..	..	*2	0
	2013	..	*2	..	..	..	*2	0
	2014	..	*2	..	..	..	*2	0
	2015	..	*2	..	..	..	*2	0
Mali	2012	..	*106	..	..	..	*106	*7
	2013	..	*119	..	..	..	*119	*7
	2014	..	*130	..	..	..	*130	*8
	2015	..	140	..	..	..	140	8
Mauritania	2012	..	207	..	..	..	207	55
	2013	..	145	..	..	..	145	37
	2014	..	219	..	..	..	219	55
	2015	..	*210	..	..	..	*210	*52
Mauritius	2012	..	401	..	163	-18	256	203
	2013	..	429	..	156	14	259	205
	2014	..	406	..	171	-30	265	209
	2015	..	445	..	167	8	270	212
Morocco	2012	2,391	2,345	47	114	1,766	2,809	84
	2013	2,185	2,126	71	114	1,706	2,420	71
	2014	1,656	1,548	188	114	1,241	1,661	48
	2015	553	1,595	0	114	616	1,418	41
Namibia	2012	..	26	..	..	0	26	11
	2013	..	51	..	..	*12	39	17
	2014	..	17	..	..	..	17	7
	2015	..	18	..	..	..	18	7
Niger	2012	..	7	..	..	..	7	0
	2013	..	3	..	..	..	3	0
	2014	..	2	..	..	..	2	0
	2015	..	2	..	..	..	2	0
Nigeria	2012	1,287	..	365	279	-66	709	4
	2013	1,222	..	342	256	-115	739	4
	2014	959	..	333	260	-299	665	4
	2015	406	..	92	259	-519	574	3
Réunion	2012	..	77	..	..	-1	77	92
	2013	..	88	..	..	-1	89	105
	2014	..	127	..	..	-12	139	162
	2015	..	149	..	..	13	136	158
Rwanda	2012	..	*4	..	..	..	*4	0
	2013	..	*4	..	..	..	*4	0
	2014	..	*4	..	..	..	*4	0
	2015	..	*5	..	..	..	*5	0
Senegal	2012	205	302	15	..	-26	518	38
	2013	171	328	4	..	-8	503	35
	2014	167	447	4	..	-8	618	42
	2015	178	476	4	..	-9	659	44
Seychelles	2012	..	77	..	10	..	67	709
	2013	..	76	..	7	..	69	727
	2014	..	77	..	*4	..	73	760
	2015	..	85	..	*4	..	81	837

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Sierra Leone	2012	..	20	..	..	..	20	3
	2013	..	31	..	..	..	31	5
	2014	..	41	..	..	..	41	6
	2015	..	*32	..	..	..	*32	*5
Somalia	2012	..	*39	..	*12	..	*27	*3
	2013	..	*39	..	*12	..	*27	*3
	2014	..	*39	..	*12	..	*27	*3
	2015	..	*39	..	*12	..	*27	*3
South Africa	2012	3,644	86	1,160	2,032	..	538	10
	2013	3,355	89	1,114	1,876	..	454	8
	2014	3,124	58	963	1,733	..	486	9
	2015	3,791	78	1,182	2,107	..	580	11
Sudan	2012	398	21	..	..	..	419	11
	2013	253	27	..	..	..	280	7
	2014	465	26	..	..	..	491	12
	2015	487	26	..	..	..	513	13
Swaziland	2012	..	*5	..	..	..	*5	*4
	2013	..	*5	..	..	..	*5	*4
	2014	..	*5	..	..	..	*5	*4
	2015	..	*5	..	..	..	*5	*4
Togo	2012	..	42	..	..	-3	45	7
	2013	..	44	..	..	-3	47	7
	2014	..	46	..	..	-3	49	7
	2015	..	49	..	..	-4	53	7
Tunisia	2012	612	279	573	1	4	313	29
	2013	551	241	560	0	-54	286	26
	2014	563	258	489	0	9	323	29
	2015	430	568	386	0	51	561	50
Uganda	2012	..	48	..	..	..	48	1
	2013	..	36	..	..	..	36	1
	2014	..	31	..	..	..	31	1
	2015	..	44	..	..	..	44	1
United Rep. of Tanzania	2012	..	357	..	52	..	305	6
	2013	..	399	..	57	..	342	7
	2014	..	465	..	61	..	404	8
	2015	..	459	..	65	..	394	7
Zambia	2012	82	..	22	..	..	60	4
	2013	79	..	28	..	..	51	3
	2014	88	27	..	..	..	115	7
	2015	81	48	..	..	..	129	8
America, North	2012	60,460	32,749	34,769	19,546	-637	39,531	71
	2013	58,937	30,158	36,689	20,811	543	31,051	55
	2014	54,794	25,911	37,843	16,306	-953	27,509	48
	2015	50,399	26,429	33,589	11,966	559	30,714	54
Antigua and Barbuda	2012	..	*38	..	*3	..	*35	*393
	2013	..	*38	..	*3	..	*35	*389
	2014	..	*39	..	*4	..	*35	*385
	2015	..	*40	..	*4	..	*36	*392
Aruba	2012	..	*218	..	*11	..	*207	*2,022
	2013	..	*199	..	*11	..	*188	*1,827
	2014	..	*202	..	*11	..	*191	*1,846
	2015	..	*207	..	*11	..	*196	*1,887

Table 22

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Bahamas	2012	..	148	..	*136	..	12	32
	2013	..	151	..	*136	..	15	40
	2014	..	*151	..	*136	..	*15	*39
	2015	..	*148	..	*133	..	*15	*39
Barbados	2012	..	224	..	..	..	224	796
	2013	..	223	..	..	1	223	789
	2014	..	199	..	..	-1	199	702
	2015	..	224	..	..	17	207	728
Belize	2012	..	*21	..	..	..	*21	*62
	2013	..	*22	..	..	..	*22	*62
	2014	..	*22	..	..	..	*22	*61
	2015	..	*22	..	..	..	*22	*61
Bermuda	2012	..	58	..	*9	..	49	777
	2013	..	95	..	*9	..	86	1,363
	2014	..	103	..	*7	..	96	1,535
	2015	..	102	..	*7	..	95	1,540
Bonaire, St Eustatius, Saba	2012	..	*228	..	*183	..	*46	*1,992
	2013	..	*235	..	*188	..	*47	*1,980
	2014	..	*235	..	*188	..	*47	*1,929
	2015	..	*238	..	*190	..	*48	*1,911
Canada	2012	7,292	771	3,895	406	-19	3,781	108
	2013	6,751	1,158	4,578	420	-60	2,971	84
	2014	6,164	1,012	3,628	347	120	3,081	87
	2015	4,738	647	3,162	142	14	2,067	58
Costa Rica	2012	..	266	8	..	-26	283	61
	2013	..	334	4	..	9	321	68
	2014	..	316	1	..	9	306	64
	2015	..	130	1	..	-4	134	28
Cuba	2012	2,520	1,490	..	..	..	4,010	354
	2013	2,352	1,357	..	..	..	3,709	326
	2014	2,315	1,238	..	..	..	3,553	312
	2015	2,233	1,253	..	..	..	3,485	306
Curaçao	2012	3,101	1,723	3,020	1,393	..	411	2,693
	2013	3,792	1,732	3,692	1,405	..	427	2,767
	2014	3,505	1,757	3,413	1,430	..	419	2,690
	2015	3,275	1,723	3,189	1,405	..	404	2,570
Dominica	2012	..	*14	..	*1	..	*13	*176
	2013	..	*10	..	*1	..	*9	*121
	2014	..	*11	..	*1	..	*10	*142
	2015	..	*17	..	*1	..	*16	*223
Dominican Republic	2012	333	997	..	..	4	1,325	131
	2013	392	1,150	..	..	-11	1,553	151
	2014	367	1,168	..	..	-12	1,547	149
	2015	234	1,407	..	..	9	1,632	155
El Salvador	2012	302	393	0	..	3	692	114
	2013	0	585	0	..	0	585	96
	2014	0	580	0	..	0	580	95
	2015	0	562	1	..	0	561	92
Greenland	2012	..	11	..	8	1	1	24
	2013	..	14	..	11	-1	3	58
	2014	..	14	..	1	1	11	202
	2015	..	13	..	1	1	11	195

Table 22

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Guadeloupe	2012	..	163	..	..	..	163	353
	2013	..	207	..	..	..	207	447
	2014	..	192	..	..	..	192	411
	2015	..	230	..	..	..	230	491
Guatemala	2012	..	582	1	..	-18	599	39
	2013	..	511	2	..	3	507	32
	2014	..	498	18	..	-11	491	31
	2015	..	569	2	..	-13	581	36
Haiti	2012	..	66	..	..	..	66	6
	2013	..	53	..	..	-21	74	7
	2014	..	128	..	..	-10	138	13
	2015	..	119	..	..	0	119	11
Honduras	2012	..	1,020	..	1	0	1,019	132
	2013	..	1,016	..	1	0	1,015	129
	2014	..	1,057	..	0	-49	1,106	139
	2015	..	1,100	4	6	-82	1,172	145
Jamaica	2012	695	721	233	..	0	1,182	428
	2013	702	855	196	..	5	1,356	489
	2014	566	890	180	..	3	1,274	458
	2015	747	777	7	186	-5	1,336	478
Martinique	2012	*397	*3	*14	*20	..	*366	*927
	2013	*406	*3	*21	*20	..	*368	*931
	2014	*430	*4	*29	*22	..	*383	*967
	2015	*427	*4	*29	*22	..	*380	*959
Mexico	2012	15,594	2,544	3,978	103	230	13,827	113
	2013	15,287	1,781	5,413	101	-23	11,577	94
	2014	14,742	740	7,325	93	-134	8,198	65
	2015	13,500	965	7,049	77	-439	7,778	61
Nicaragua	2012	234	293	..	..	-9	536	91
	2013	301	169	..	..	-2	472	79
	2014	297	168	..	..	-2	467	78
	2015	313	193	..	..	-3	509	84
Panama	2012	..	3,683	..	*3,333	-147	497	133
	2013	..	3,879	..	3,313	-139	705	185
	2014	..	3,234	..	3,024	-175	385	100
	2015	..	3,332	..	3,073	-244	503	128
Sint Maarten (Dutch part)	2012	..	*246	..	*126	..	*120	*3,418
	2013	..	*250	..	*127	..	*123	*3,372
	2014	..	*254	..	*128	..	*126	*3,337
	2015	..	*263	..	*133	..	*130	*3,360
St. Lucia	2012	..	*6	..	*6	..	0	0
	2013	..	*6	..	*6	..	0	0
	2014	..	*6	..	*6	..	0	0
	2015	..	*6	..	*6	..	0	0
Trinidad and Tobago	2012	2,297	..	2,039	332	-74	0	0
	2013	2,897	..	2,374	386	136	1	1
	2014	2,588	..	2,317	377	-105	-1	-1
	2015	2,182	..	1,834	299	49	0	0
United States	2012	27,696	16,823	21,581	13,475	-582	10,045	32
	2013	26,057	14,126	20,410	14,673	647	4,453	14
	2014	23,820	11,694	20,932	10,531	-588	4,639	15
	2015	22,751	12,139	18,312	6,270	1,260	9,048	28

Table 22

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
America, South	2012	44,512	2,506	23,187	6,872	-736	17,695	44
	2013	43,892	1,388	21,534	6,336	-349	17,759	43
	2014	45,511	1,623	21,124	6,354	1,273	18,383	44
	2015	42,498	1,016	19,836	6,006	1,434	16,237	39
Argentina	2012	3,953	696	50	1,541	-53	3,111	74
	2013	4,309	335	133	1,591	13	2,907	68
	2014	4,617	553	189	1,408	16	3,557	83
	2015	4,630	..	..	818	-37	3,849	89
Bolivia (Plur. State of)	2012	332	..	317	..	15	0	0
	2013	376	..	388	..	-12	0	0
	2014	411	..	408	..	3	0	0
	2015	456	..	453	..	3	0	0
Brazil	2012	13,747	216	5,140	3,509	-72	5,386	27
	2013	14,618	91	5,493	2,929	-34	6,321	31
	2014	16,010	379	4,936	3,116	54	8,283	40
	2015	14,087	337	4,189	3,687	27	6,521	31
Chile	2012	1,192	373	146	163	2	1,254	72
	2013	1,252	112	215	207	-86	1,028	58
	2014	1,185	66	67	206	-13	991	56
	2015	1,252	32	302	133	13	836	47
Colombia	2012	4,093	8	3,844	0	33	224	5
	2013	4,333	13	3,987	226	75	58	1
	2014	4,521	12	3,692	254	773	-186	-4
	2015	3,114	7	2,209	168	888	-144	-3
Ecuador	2012	2,984	403	1,270	444	-5	1,678	109
	2013	2,751	310	860	408	0	1,794	115
	2014	2,411	155	312	446	4	1,804	113
	2015	2,439	282	547	345	6	1,823	113
French Guiana	2012	..	*50	..	..	..	*50	*202
	2013	..	*80	..	..	..	*80	*315
	2014	..	*75	..	..	..	*75	*287
	2015	..	*80	..	..	..	*80	*298
Guyana	2012	..	184	..	..	4	180	237
	2013	..	200	..	..	8	193	253
	2014	..	190	..	..	0	190	249
	2015	..	200	..	..	5	195	254
Paraguay	2012	..	68	..	..	-8	76	12
	2013	..	36	..	..	0	36	5
	2014	..	50	..	..	7	43	7
	2015	..	36	..	..	-8	44	7
Peru	2012	1,716	..	1,465	216	-679	714	24
	2013	1,694	..	1,244	..	-301	751	25
	2014	1,735	..	792	..	419	524	17
	2015	2,002	..	767	..	575	660	21
Suriname	2012	253	32	576	..	..	-291	-550
	2013	310	33	623	..	..	-280	-524
	2014	166	37	638	..	..	-435	-808
	2015	369	33	718	..	..	-316	-582
Uruguay	2012	414	414	..	158	27	644	190
	2013	372	178	..	123	-11	439	129
	2014	356	106	..	105	10	347	101
	2015	313	8	..	84	-38	276	80

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Venezuela (Bolivar. Rep.)	2012	15,828	61	10,379	841	..	4,669	156
	2013	13,877	..	8,592	852	..	4,433	146
	2014	14,100	..	10,091	819	..	3,190	104
	2015	13,836	..	10,651	772	..	2,413	78
Asia	2012	214,905	149,529	89,819	93,738	6,117	174,759	41
	2013	208,114	156,049	95,484	98,649	399	169,631	39
	2014	201,600	138,847	83,693	95,054	-1,120	162,820	37
	2015	194,772	145,758	94,138	103,324	909	142,158	32
Afghanistan	2012	..	1	..	..	..	1	0
	2013	..	*1	..	..	..	*1	0
	2014	..	*1	..	..	..	*1	0
	2015	..	*1	..	..	..	*1	0
Azerbaijan	2012	286	0	107	..	39	140	15
	2013	285	9	228	..	31	35	4
	2014	207	21	237	..	-29	20	2
	2015	324	135	113	..	-63	409	42
Bahrain	2012	2,443	..	2,702	..	-259	0	0
	2013	2,519	..	2,504	..	15	0	0
	2014	2,158	..	2,174	..	-16	0	0
	2015	2,181	..	2,207	..	-26	0	0
Bangladesh	2012	275	681	..	89	..	867	6
	2013	323	804	..	94	..	1,033	7
	2014	302	1,016	..	100	..	1,218	8
	2015	299	692	..	107	..	884	5
Brunei Darussalam	2012	66	..	..	66	..	0	0
	2013	80	..	..	80	..	0	0
	2014	72	..	..	72	..	0	0
	2015	80	..	..	83	..	-3	-7
Cambodia	2012	..	214	..	..	..	214	14
	2013	..	166	..	..	..	166	11
	2014	..	89	..	..	..	89	6
	2015	..	71	..	..	..	71	5
China	2012	22,532	31,024	11,617	8,590	631	32,718	24
	2013	27,759	27,343	11,348	7,462	904	35,388	26
	2014	35,417	17,846	9,477	6,939	62	36,784	27
	2015	39,630	15,404	10,517	8,782	-37	35,773	26
China, Hong Kong SAR	2012	..	7,493	486	7,127	-213	93	13
	2013	..	7,625	397	7,539	-341	30	4
	2014	..	6,482	395	6,292	-207	2	0
	2015	..	7,776	401	6,771	604	0	0
China, Macao SAR	2012	..	86	..	..	1	85	152
	2013	..	52	..	..	-1	53	93
	2014	..	55	..	..	-1	56	97
	2015	..	159	..	..	15	144	245
Cyprus	2012	..	1,072	..	128	24	920	815
	2013	..	830	..	157	-4	677	593
	2014	..	942	..	153	-39	828	718
	2015	..	1,053	..	169	14	870	747
Georgia	2012	..	3	1	..	..	2	1
	2013	..	5	5	..	-1	1	0
	2014	..	14	12	..	..	2	0
	2015	5	107	109	..	1	1	0

Table 22

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
India	2012	15,054	1,068	5,922	0	*4,609	5,591	4
	2013	13,405	1,283	6,159	1,290	16	7,223	6
	2014	11,919	945	4,762	*1,343	..	6,759	5
	2015	9,727	1,194	2,806	1,408	..	6,707	5
Indonesia	2012	8,472	397	3,950	113	..	4,806	19
	2013	8,501	402	4,073	196	..	4,634	18
	2014	8,369	406	4,529	124	..	4,122	16
	2015	6,932	463	3,917	138	..	3,340	13
Iran (Islamic Rep. of)	2012	27,701	..	5,798	1,801	..	20,103	264
	2013	26,879	..	8,531	2,969	..	15,380	199
	2014	23,572	..	6,401	3,577	..	13,594	174
	2015	21,747	..	9,557	4,603	..	7,588	96
Iraq	2012	15,186	..	118	182	..	14,886	452
	2013	15,656	..	561	179	..	14,916	437
	2014	13,268	..	388	188	..	12,692	360
	2015	11,964	..	454	224	..	11,286	310
Israel	2012	1,813	687	630	261	-20	1,629	212
	2013	2,984	142	1,669	213	-3	1,247	160
	2014	2,371	0	2,011	97	-47	310	39
	2015	2,628	0	2,148	228	-3	255	32
Japan	2012	24,969	8,579	2,691	3,886	72	26,899	212
	2013	20,393	6,277	1,889	3,731	-128	21,178	167
	2014	18,079	4,241	1,685	3,371	-176	17,440	138
	2015	17,085	3,052	2,189	4,022	11	13,915	110
Jordan	2012	999	783	..	12	49	1,721	246
	2013	900	687	..	5	-74	1,656	230
	2014	812	1,232	..	0	2	2,041	275
	2015	887	850	..	1	5	1,731	228
Kazakhstan	2012	3,936	26	2,600	..	-103	1,465	87
	2013	3,734	231	2,500	..	165	1,300	76
	2014	3,877	3	2,769	..	-79	1,190	69
	2015	3,900	4	1,950	..	-119	2,073	118
Korea, Dem.Ppl's.Rep.	2012	108	247	..	..	..	355	14
	2013	119	256	..	..	..	375	15
	2014	109	263	..	..	..	372	15
	2015	109	364	..	..	..	473	19
Korea, Republic of	2012	15,282	4,094	4,267	7,562	-81	7,628	154
	2013	11,801	6,932	3,368	7,367	-14	8,012	161
	2014	8,133	7,839	2,024	7,444	9	6,495	130
	2015	8,433	7,082	1,576	7,986	241	5,712	114
Kuwait	2012	10,825	..	5,391	1,004	..	4,430	1,295
	2013	10,207	..	3,395	1,040	..	5,772	1,606
	2014	10,204	..	3,734	1,040	..	5,430	1,447
	2015	12,706	..	5,097	1,295	..	6,314	1,622
Kyrgyzstan	2012	39	50	2	..	6	81	14
	2013	41	9	2	..	-3	51	9
	2014	51	148	0	..	-11	210	36
	2015	136	206	0	..	59	283	48
Lao People's Dem. Rep.	2012	..	*9	..	..	..	*9	*1
	2013	..	*9	..	..	..	*9	*1
	2014	..	10	..	..	..	10	1
	2015	..	*10	..	..	..	*10	*2

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Lebanon	2012	..	1,138	..	30	..	1,108	225
	2013	..	1,332	..	30	..	1,302	246
	2014	..	1,487	..	31	..	1,456	259
	2015	..	1,506	..	31	..	1,475	252
Malaysia	2012	1,621	800	1,026	54	0	1,341	46
	2013	1,297	2,979	3,064	349	172	691	23
	2014	2,359	411	2,626	207	-639	576	19
	2015	1,706	966	1,420	347	82	823	27
Mongolia	2012	..	7	..	..	..	7	2
	2013	..	4	..	..	..	4	1
	2014	..	3	..	..	..	3	1
	2015	..	3	..	..	..	3	1
Myanmar	2012	65	..	..	..	0	65	1
	2013	55	..	..	..	0	55	1
	2014	61	..	..	..	-11	72	1
	2015	29	..	..	..	..	29	1
Nepal	2012	..	3	..	..	..	3	0
	2013	..	2	..	..	..	2	0
	2014	..	1	..	..	*-1	*2	0
	2015	..	..	..	..	..	..	..
Oman	2012	2,867	..	492	801	..	1,574	444
	2013	3,065	..	326	885	..	1,854	475
	2014	3,039	..	389	1,180	..	1,470	347
	2015	2,906	..	382	1,290	..	1,234	275
Other Asia	2012	8,828	1,030	1,321	1,049	539	6,949	298
	2013	5,812	1,443	597	1,096	-432	5,994	257
	2014	5,880	1,800	715	1,055	117	5,793	248
	2015	5,982	1,015	954	998	-285	5,330	228
Pakistan	2012	2,653	5,582	..	84	*-153	8,304	47
	2013	2,926	6,529	..	89	*-153	9,519	53
	2014	2,951	6,701	..	60	*120	9,472	51
	2015	3,159	6,729	..	63	*100	9,725	51
Philippines	2012	1,734	283	202	172	-20	1,663	17
	2013	1,605	406	238	148	-48	1,672	17
	2014	1,717	740	243	69	103	2,042	21
	2015	957	1,530	446	18	-24	2,047	20
Qatar	2012	321	..	329	..	-8	0	0
	2013	384	..	329	..	46	9	4
	2014	245	..	202	..	43	0	0
	2015	513	..	380	..	133	0	0
Saudi Arabia	2012	25,282	3,309	10,223	3,382	181	14,805	502
	2013	24,955	5,574	10,002	3,424	240	16,863	558
	2014	26,378	3,305	5,800	3,224	-140	20,799	673
	2015	22,289	4,957	10,171	3,179	-15	13,911	441
Singapore	2012	4,925	61,604	23,307	41,229	391	1,602	302
	2013	5,445	66,006	27,270	41,306	35	2,840	525
	2014	2,528	64,543	25,585	41,104	86	296	54
	2015	2,077	72,443	29,979	43,433	792	316	56
Sri Lanka	2012	648	564	0	217	-13	1,008	49
	2013	724	176	105	265	-144	674	33
	2014	641	348	0	338	-119	771	37
	2015	553	203	185	361	-708	918	44

Table 22

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
State of Palestine	2012	..	0	..	..	..	0	0
	2013	..	0	..	..	..	0	0
	2014	..	3	..	..	..	3	1
	2015	..	4	..	..	..	4	1
Syrian Arab Republic	2012	3,365	449	..	40	..	3,774	189
	2013	2,225	354	..	37	..	2,542	132
	2014	2,225	..	..	20	..	2,205	117
	2015	2,225	..	..	3	..	2,222	120
Tajikistan	2012	11	22	..	..	..	33	4
	2013	8	15	..	..	..	23	3
	2014	8	16	..	..	..	24	3
	2015	5	14	..	..	..	19	2
Thailand	2012	6,393	376	3,993	0	*298	2,478	37
	2013	5,557	252	3,548	764	228	1,269	19
	2014	5,328	349	3,606	1,018	-259	1,312	19
	2015	5,374	156	3,440	1,153	151	786	12
Turkey	2012	1,567	913	1,204	34	153	1,089	15
	2013	3,013	740	1,908	798	-98	1,145	15
	2014	3,837	1,130	2,621	930	114	1,302	17
	2015	3,460	1,670	2,548	756	-22	1,848	23
Turkmenistan	2012	2,160	..	970	..	..	1,190	230
	2013	1,760	..	790	..	..	970	185
	2014	1,690	..	759	..	..	931	175
	2015	1,690	..	759	..	..	931	173
United Arab Emirates	2012	1,935	15,092	..	*15,643	..	1,384	155
	2013	2,793	*15,724	..	*17,011	..	*1,506	*167
	2014	2,888	*15,066	..	14,873	..	3,081	339
	2015	2,604	14,484	..	15,699	..	1,389	152
Uzbekistan	2012	278	..	..	..	..	278	10
	2013	228	..	..	..	..	228	8
	2014	198	..	..	..	..	198	7
	2015	192	..	..	..	..	192	6
Viet Nam	2012	59	823	280	160	-6	448	5
	2013	32	659	251	106	-8	342	4
	2014	139	676	122	187	-2	508	5
	2015	138	711	128	163	3	555	6
Yemen	2012	207	1,020	190	23	..	1,014	41
	2013	645	791	427	20	..	989	39
	2014	569	715	426	17	..	841	32
	2015	140	744	306	14	..	564	21
Europe	2012	165,549	68,314	135,744	44,905	-611	53,826	73
	2013	157,819	67,206	145,062	45,386	-1,977	36,553	50
	2014	159,174	67,417	147,225	45,902	-697	34,161	46
	2015	157,946	69,726	157,127	40,815	-245	29,975	40
Albania	2012	..	1	..	..	..	1	0
	2013	..	1	..	..	..	1	0
	2014	2	1	..	..	..	3	1
	2015	..	1	..	..	..	1	0
Austria	2012	953	59	220	..	-4	796	94
	2013	1,011	58	325	..	-3	747	88
	2014	981	41	428	..	-50	644	76
	2015	1,154	11	524	..	-67	708	83

Table 22

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Belarus	2012	7,284	3,321	6,566	..	22	4,017	423
	2013	6,615	18	6,146	..	22	465	49
	2014	5,865	5	5,420	..	-37	487	51
	2015	7,431	250	7,001	..	24	656	69
Belgium	2012	5,179	4,420	3,953	5,794	17	-165	-15
	2013	4,916	5,270	4,780	5,906	40	-540	-48
	2014	5,512	3,700	4,551	4,993	79	-411	-37
	2015	5,306	3,892	4,727	4,485	134	-148	-13
Bosnia and Herzegovina	2012	176	30	8	..	0	198	52
	2013	116	33	0	..	1	148	39
	2014	143	10	30	..	-10	133	35
	2015	105	72	1	..	40	136	36
Bulgaria	2012	1,488	59	1,394	19	6	128	18
	2013	1,640	38	1,561	31	-20	106	15
	2014	1,617	72	1,536	26	38	89	12
	2015	1,654	79	1,625	21	-12	99	14
Croatia	2012	563	63	326	..	-37	337	79
	2013	514	0	376	..	-60	198	46
	2014	423	30	335	..	-46	164	39
	2015	489	56	377	..	-49	217	51
Czechia	2012	145	29	73	..	0	101	10
	2013	148	13	120	..	-57	98	9
	2014	125	13	106	..	-13	45	4
	2015	169	2	132	..	3	36	3
Denmark	2012	1,312	1,724	2,645	277	-75	189	34
	2013	1,213	2,953	3,446	374	193	153	27
	2014	1,242	3,316	3,860	449	137	112	20
	2015	1,702	3,875	4,553	335	285	404	71
Estonia	2012	..	906	581	325	1	-1	-1
	2013	..	448	54	392	-24	26	20
	2014	..	602	317	281	27	-23	-17
	2015	..	351	141	205	-8	13	10
Faeroe Islands	2012	..	*79	..	23	..	*57	*1,175
	2013	..	*78	..	15	..	*63	*1,305
	2014	..	*77	..	17	..	*60	*1,253
	2015	..	*82	..	25	..	*57	*1,191
Finland	2012	1,287	809	1,097	82	-118	1,035	191
	2013	1,330	793	1,095	85	9	934	171
	2014	1,224	1,255	844	65	21	1,549	283
	2015	1,441	1,101	784	260	191	1,307	237
France	2012	8,237	5,346	5,905	2,317	-222	5,583	88
	2013	6,735	5,045	5,633	2,124	-127	4,150	65
	2014	6,481	5,023	5,845	1,785	29	3,845	60
	2015	7,256	3,095	6,462	1,548	-124	2,465	37
Germany	2012	8,319	2,388	2,057	2,173	139	6,338	79
	2013	7,776	2,500	2,729	1,927	-48	5,668	70
	2014	7,696	2,485	3,142	1,866	-157	5,330	66
	2015	7,953	1,923	3,034	1,421	-128	5,549	69
Gibraltar	2012	..	3,871	..	3,828	..	43	1,369
	2013	..	3,548	..	3,502	..	46	1,450
	2014	..	3,337	..	3,289	..	48	1,500
	2015	..	3,409	..	3,358	..	51	1,583

Table 22

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Greece	2012	5,111	2,196	2,731	2,064	77	2,435	219
	2013	5,447	1,222	3,162	1,912	-376	1,971	178
	2014	6,043	1,222	3,205	1,653	149	2,258	205
	2015	5,676	1,657	3,065	1,531	198	2,539	232
Hungary	2012	81	10	24	..	-11	78	8
	2013	84	18	29	..	-5	78	8
	2014	67	20	23	..	1	63	6
	2015	69	22	31	..	12	48	5
Iceland	2012	..	106	..	27	3	76	235
	2013	..	109	..	13	-6	102	313
	2014	..	90	..	8	10	72	220
	2015	..	105	..	13	8	84	255
Ireland	2012	967	202	984	24	-31	192	41
	2013	939	187	923	16	2	185	40
	2014	937	103	938	20	-29	111	24
	2015	1,167	121	1,173	10	1	104	22
Italy	2012	9,216	600	3,145	2,388	584	3,699	62
	2013	5,127	538	2,213	2,109	-1,204	2,547	43
	2014	5,731	329	2,819	1,845	-861	2,257	38
	2015	7,706	339	4,071	1,707	-344	2,611	44
Latvia	2012	..	169	1	157	-3	14	7
	2013	..	169	0	164	0	5	2
	2014	..	168	12	167	-12	1	1
	2015	..	135	15	134	-14	0	0
Lithuania	2012	1,709	155	1,590	105	-113	282	93
	2013	1,833	98	1,730	77	-30	154	52
	2014	1,475	12	1,423	3	-53	114	39
	2015	1,561	49	1,484	37	-28	117	41
Luxembourg	2012	..	2	..	..	..	2	4
	2013	..	..	..	..	..	..	..
	2014	..	..	..	..	..	..	..
	2015	..	..	..	..	..	..	..
Malta	2012	..	1,631	0	1,003	43	585	1,408
	2013	..	1,674	77	1,045	75	477	1,145
	2014	..	1,683	181	1,071	-44	475	1,137
	2015	..	1,765	215	1,330	-42	262	626
Montenegro	2012	..	8	1	..	..	7	11
	2013	..	12	0	..	..	12	19
	2014	..	4	0	..	..	4	6
	2015	..	4	0	..	-1	5	8
Netherlands	2012	8,726	33,209	28,240	12,399	244	1,052	63
	2013	8,443	33,938	28,251	11,970	15	2,145	128
	2014	8,501	35,081	29,470	11,777	118	2,217	131
	2015	8,751	38,580	35,868	10,715	68	680	40
Norway	2012	1,591	1,202	1,659	182	-15	967	193
	2013	1,668	1,990	1,922	186	-1	1,551	305
	2014	1,688	1,186	1,573	78	-14	1,237	240
	2015	1,790	1,636	1,457	103	16	1,850	355
Poland	2012	3,430	61	2,310	80	-23	1,124	29
	2013	3,408	62	2,592	65	1	812	21
	2014	3,659	72	2,893	73	-18	783	20
	2015	3,869	2	2,743	47	10	1,071	28

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Portugal	2012	2,740	233	1,439	579	44	911	87
	2013	2,461	177	1,594	609	-249	684	65
	2014	2,498	239	1,575	571	121	470	45
	2015	2,498	273	1,684	553	-74	608	59
Republic of Moldova	2012	12	7	8	..	-7	18	4
	2013	16	14	13	..	-1	18	4
	2014	16	18	13	..	5	16	4
	2015	11	6	5	..	-1	13	3
Romania	2012	562	2	304	..	-219	479	24
	2013	364	1	256	..	-96	205	10
	2014	321	..	203	..	-40	158	8
	2015	308	..	162	..	-30	176	9
Russian Federation	2012	75,072	189	57,080	519	-299	17,961	125
	2013	77,993	11	64,467	3,838	157	9,542	67
	2014	82,109	5	66,245	6,469	350	9,050	63
	2015	75,957	..	66,272	5,020	-581	5,246	37
Serbia	2012	472	74	49	..	9	488	54
	2013	395	2	136	..	25	236	26
	2014	366	3	140	..	-12	241	27
	2015	355	28	60	..	-7	330	37
Slovakia	2012	616	117	352	..	-1	382	71
	2013	677	181	430	..	-1	429	79
	2014	489	4	237	..	-4	260	48
	2015	471	66	365	..	-33	205	38
Slovenia	2012	..	59	..	51	..	8	4
	2013	..	71	..	62	..	9	4
	2014	..	103	36	58	..	9	4
	2015	..	260	192	65	..	3	1
Spain	2012	6,536	3,233	1,438	7,451	-186	1,066	23
	2013	5,296	4,391	2,992	6,183	-23	535	12
	2014	4,482	5,555	3,026	6,742	-229	498	11
	2015	3,984	4,484	2,298	5,989	94	87	2
Sweden	2012	5,099	783	3,221	1,498	-197	1,360	143
	2013	4,124	761	2,346	1,399	-176	1,316	137
	2014	3,161	389	1,813	1,448	25	264	27
	2015	3,167	689	2,851	1,069	190	-254	-26
Switzerland	2012	275	14	169	..	58	62	8
	2013	365	8	360	..	-34	47	6
	2014	394	..	340	..	8	46	6
	2015	314	..	325	..	-31	20	2
T.F.Yug.Rep. Macedonia	2012	97	133	24	..	11	195	94
	2013	21	126	10	..	-13	150	72
	2014	0	127	6	..	-2	123	59
	2015	0	112	7	..	0	105	50
Ukraine	2012	790	155	509	..	-90	526	12
	2013	658	25	617	..	14	52	1
	2014	516	44	489	..	-37	108	2
	2015	535	172	45	..	-13	675	15
United Kingdom	2012	7,504	659	5,641	1,540	-218	1,200	19
	2013	6,486	625	4,677	1,382	23	1,029	16
	2014	5,410	993	4,151	1,148	-147	1,251	19
	2015	5,097	1,022	3,378	834	68	1,839	28

Table 22

Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Oceania	2012	1,646	2,565	730	1,028	6	2,447	65
	2013	1,618	2,587	434	881	89	2,802	73
	2014	1,318	2,360	245	948	7	2,477	64
	2015	1,244	1,414	230	983	-46	1,492	38
Australia	2012	945	1,533	460	735	-18	1,301	57
	2013	888	1,588	209	586	39	1,642	71
	2014	645	1,264	43	674	11	1,181	50
	2015	598	245	102	665	-29	105	4
Fiji	2012	..	34	0	*2	..	32	36
	2013	..	46	0	*2	..	44	50
	2014	..	43	0	*2	..	41	47
	2015	..	72	0	*2	..	70	78
French Polynesia	2012	..	*114	..	*22	..	*92	*335
	2013	..	*115	..	*23	..	*92	*332
	2014	..	*111	..	*24	..	*86	*309
	2015	..	*114	..	*25	..	*89	*316
Nauru	2012	..	*8	..	*4	..	*4	*397
	2013	..	*9	..	*4	..	*5	*494
	2014	..	*10	..	4	..	*5	*521
	2015	..	*10	..	*4	..	*6	*538
New Caledonia	2012	..	510	..	..	55	456	1,801
	2013	..	458	..	..	11	447	1,743
	2014	..	430	..	..	-48	479	1,842
	2015	..	479	..	..	-17	496	1,885
New Zealand	2012	562	..	270	253	-19	58	13
	2013	553	..	225	253	41	34	8
	2014	512	6	202	231	15	70	16
	2015	485	..	128	273	..	84	19
Palau	2012	..	*32	..	..	..	*32	*1,518
	2013	..	*32	..	..	..	*32	*1,506
	2014	..	*32	..	..	..	*32	*1,493
	2015	..	*32	..	..	..	*32	*1,479
Papua New Guinea	2012	139	317	..	7	-11	460	64
	2013	177	309	..	8	-2	480	66
	2014	161	436	..	8	29	560	75
	2015	*161	*435	..	*9	0	*588	*77
Tonga	2012	..	13	..	0	..	13	124
	2013	..	26	..	0	..	26	246
	2014	..	24	..	0	..	24	224
	2015	..	24	..	0	..	24	222
Vanuatu	2012	..	*4	..	*4	..	0	0
	2013	..	*4	..	*4	..	0	0
	2014	..	*5	..	*5	..	0	0
	2015	..	*4	..	*4	..	0	0

Production of minor oil products from refineries - by type

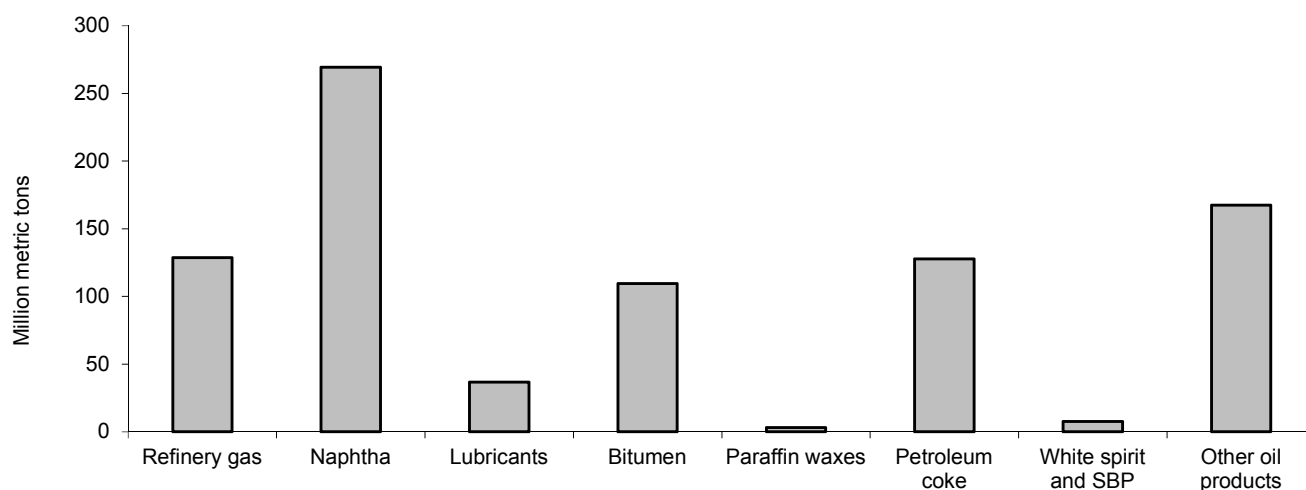
Thousand metric tons

Table Notes

Data refer to production from refineries of refinery gas, ethane, naphtha, lubricants, bitumen, paraffin waxes, petroleum coke, white spirit, and other oil products (which for this table includes refinery output of feedstocks).

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Figure 63: Production of minor oil products from refineries, 2015*



*Ethane is included with other oil products

Table 23

Production of minor oil products from refineries - by type

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
World	2012	124,419	349	242,534	36,116	102,247	3,227	121,299	8,409	166,990
	2013	122,691	212	250,160	35,506	102,444	3,266	124,859	7,433	165,750
	2014	120,914	151	258,591	36,457	104,652	3,274	125,045	7,964	166,093
	2015	128,644	476	269,388	36,708	109,495	3,052	127,786	7,491	174,763
Africa	2012	2,115	..	11,916	360	1,829	17	521	125	1,203
	2013	2,056	..	12,051	351	1,551	17	500	121	2,704
	2014	1,923	..	11,994	685	1,693	12	618	87	1,326
	2015	1,762	..	10,787	569	1,479	9	630	98	1,294
Algeria	2012	273	..	6,432	100	209	..	..	..	64
	2013	296	..	6,336	113	159	..	..	..	64
	2014	363	..	8,721	145	99	..	..	..	272
	2015	350	..	8,372	84	115	..	..	..	180
Angola	2012	62	..	156	..	5	..	..	..	..
	2013	68	..	205	..	3	..	..	..	..
	2014	69	..	190	..	3	..	..	..	..
	2015	*79	..	204	..	0	..	..	..	..
Cameroon	2012	83	..	..	..	..	..	..	..	148
	2013	88	..	..	..	..	..	..	..	103
	2014	93	..	..	..	..	..	..	..	145
	2015	67	..	..	..	..	..	..	..	154
Congo	2012	..	..	10	..	..	..	..	..	12
	2013	..	..	11	..	..	..	..	..	12
	2014	..	..	10	..	..	..	..	..	13
	2015	..	..	10	..	..	..	..	..	13
Côte d'Ivoire	2012	27	..	..	16	172	..	..	..	..
	2013	26	..	..	19	140	..	..	..	..
	2014	25	..	..	22	177	..	..	..	..
	2015	25	..	..	26	121	..	..	..	..
Egypt	2012	133	..	2,706	0	646	..	252	..	342
	2013	128	..	2,634	0	620	..	242	..	1,531
	2014	132	..	1,221	289	640	..	250	..	364
	2015	130	..	1,025	285	632	..	247	..	359
Gabon	2012	..	..	..	9	2	..	..	..	..
	2013	..	..	..	10	2	..	..	..	..
	2014	..	..	..	10	2	..	..	..	..
	2015	..	..	..	10	2	..	..	..	..
Ghana	2012	20	..	..	..	..	..	..	..	..
	2013	0	..	..	..	..	..	..	..	..
	2014	0	..	..	..	..	..	..	..	..
	2015	0	..	..	..	..	..	..	..	..
Kenya	2012	38	..	..	4	27	..	..	..	2
	2013	31	..	..	0	0	..	..	..	0
	2014	0	..	..	0	0	..	..	..	0
	2015	0	..	..	0	0	..	..	..	0
Libya	2012	172	..	1,348	..	45	..	..	..	7
	2013	216	..	1,533	..	56	..	..	..	9
	2014	99	..	682	..	26	..	..	..	4
	2015	87	..	539	..	23	..	..	..	4
Morocco	2012	128	..	493	107	292	1	..	..	201
	2013	185	..	482	65	219	0	..	..	179
	2014	174	..	494	78	339	1	..	..	228
	2015	90	..	204	45	247	1	..	..	221

Production of minor oil products from refineries - by type

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Nigeria	2012	125	..	338	10	0	..	1	..	375
	2013	125	..	401	11	5	..	2	..	559
	2014	84	..	224	12	3	..	10	..	248
	2015	52	..	29	12	0	..	8	..	310
Senegal	2012	13	..	53	..	..	..	..	..	..
	2013	15	..	85	..	..	..	..	..	..
	2014	15	..	89	..	..	..	..	..	..
	2015	16	..	95	..	..	..	..	..	..
South Africa	2012	1,008	..	..	114	431	16	..	110	39
	2013	845	..	..	133	347	17	..	106	37
	2014	834	..	..	129	404	11	..	69	38
	2015	829	..	..	107	339	8	..	86	40
Sudan	2012	20	..	8	..	..	..	268	..	0
	2013	20	..	18	..	..	..	256	..	*197
	2014	21	..	17	..	..	..	358	..	0
	2015	24	..	17	..	..	..	375	..	0
Tunisia	2012	..	..	372	..	..	..	..	15	..
	2013	..	..	346	..	..	..	..	15	..
	2014	..	..	346	..	..	..	..	18	..
	2015	..	..	292	..	..	..	..	12	..
Zambia	2012	13	..	..	..	..	..	..	..	13
	2013	13	..	..	..	..	..	..	..	13
	2014	14	..	..	..	..	..	..	..	14
	2015	13	..	..	..	..	..	..	..	13
America, North	2012	23,018	287	15,923	9,778	27,549	413	61,376	2,002	19,096
	2013	23,551	145	17,449	10,123	25,519	420	62,673	1,873	16,570
	2014	21,721	105	16,473	10,169	25,387	359	62,968	1,874	15,084
	2015	22,127	107	15,569	10,599	26,310	249	62,434	1,637	14,644
Aruba	2012	..	..	..	..	..	..	..	..	*2,440
	2013	..	..	..	..	..	..	..	..	0
	2014	..	..	..	..	..	..	..	..	0
	2015	..	..	..	..	..	..	..	..	0
Canada	2012	4,029	..	3,505	1,128	4,510	..	1,717	71	3,753
	2013	3,932	..	3,062	1,245	4,488	..	1,725	59	4,466
	2014	2,632	..	3,306	1,230	3,985	..	1,715	55	2,525
	2015	3,331	..	3,562	1,056	4,196	..	1,422	59	2,494
Cuba	2012	18	..	349	47	81	..	1	..	..
	2013	30	..	284	48	83	..	18	..	..
	2014	27	..	367	49	61	..	12	..	..
	2015	19	..	354	50	64	..	8	..	..
Curaçao	2012	194	..	310	253	451	..	75	..	56
	2013	177	..	337	131	408	..	68	..	51
	2014	208	..	373	103	601	..	81	..	60
	2015	221	..	359	103	566	..	86	..	64
Dominican Republic	2012	13	..	..	..	..	..	..	..	..
	2013	15	..	..	..	..	..	..	..	..
	2014	15	..	..	..	..	..	..	..	..
	2015	9	..	..	..	..	..	..	..	..
El Salvador	2012	12	..	..	..	..	..	..	..	35
	2013	0	..	..	..	..	..	..	..	0
	2014	0	..	..	..	..	..	..	..	0
	2015	0	..	..	..	..	..	..	..	0

Table 23

Production of minor oil products from refineries - by type

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Guatemala	2012	..	..	..	..	39	..	..	..	..
	2013	..	..	..	..	27	..	..	..	..
	2014	..	..	..	..	34	..	..	..	..
	2015	..	..	..	..	27	..	..	..	..
Jamaica	2012	..	..	31	..	22	..	..	..	..
	2013	..	..	30	..	16	..	..	..	..
	2014	..	..	41	..	17	..	..	..	..
	2015	..	..	37	..	31	..	..	..	..
Mexico	2012	3,494	..	2,910	203	1,345	37	2,579	..	72
	2013	3,632	..	3,427	229	1,086	34	3,182	..	84
	2014	3,282	..	3,646	192	1,388	30	3,018	..	87
	2015	3,193	..	3,124	120	1,025	26	3,053	..	78
Nicaragua	2012	8	..	..	..	6	..	..	12	..
	2013	10	..	..	..	8	..	..	21	..
	2014	9	..	..	..	7	..	..	19	..
	2015	13	..	..	..	8	..	..	22	..
Trinidad and Tobago	2012	221	..	0	..	31	..	..	..	940
	2013	180	..	68	..	38	..	..	..	363
	2014	179	..	0	..	42	..	..	..	381
	2015	194	..	0	..	35	..	..	..	66
United States	2012	15,029	287	8,818	8,147	21,064	376	57,004	1,919	11,800
	2013	15,575	145	10,241	8,470	19,365	386	57,680	1,793	11,606
	2014	15,369	105	8,740	8,595	19,251	329	58,142	1,800	12,031
	2015	15,147	107	8,133	9,270	20,358	223	57,865	1,556	11,942
America, South	2012	8,375	..	7,674	1,172	3,815	29	14,102	521	9,979
	2013	9,599	..	6,050	1,235	3,995	28	14,577	367	9,348
	2014	8,709	..	7,032	1,222	4,481	27	11,980	617	9,731
	2015	8,523	..	6,738	1,162	3,181	27	9,424	547	8,770
Argentina	2012	1,218	..	2,643	372	532	11	1,474	301	2,970
	2013	1,226	..	1,773	358	607	10	1,383	30	2,472
	2014	1,000	..	2,954	360	548	10	1,286	329	2,731
	2015	1,109	..	2,965	347	511	11	1,337	277	2,584
Bolivia (Plur. State of)	2012	100	..	..	22	2	1	..	13	443
	2013	101	..	..	24	2	1	..	13	167
	2014	77	..	..	24	2	1	..	13	276
	2015	85	..	..	27	2	1	..	14	332
Brazil	2012	4,121	..	4,660	538	2,572	..	5,075	205	2,867
	2013	4,779	..	3,872	610	2,653	..	5,483	321	2,748
	2014	4,953	..	3,674	604	3,249	..	5,413	272	2,850
	2015	4,870	..	3,337	567	2,015	..	5,652	253	2,438
Chile	2012	226	..	60	..	..	..	418	..	707
	2013	227	..	111	..	..	..	359	..	723
	2014	211	..	77	..	..	..	298	..	792
	2015	201	..	121	..	..	..	504	..	722
Colombia	2012	835	..	311	..	..	..	..	..	*504
	2013	285	..	294	..	..	..	..	..	366
	2014	375	..	327	..	..	..	..	..	424
	2015	371	..	315	..	..	..	..	..	438
Ecuador	2012	2	..	..	..	..	..	..	..	1,453
	2013	4	..	..	..	..	..	..	..	1,457
	2014	3	..	..	..	..	..	..	..	1,443
	2015	4	..	..	..	..	..	..	..	1,327

Table 23

Production of minor oil products from refineries - by type

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Peru	2012	169	..	..	..	..	..	..	..	309
	2013	155	..	..	..	..	..	..	..	679
	2014	162	..	..	..	..	..	..	..	508
	2015	149	..	..	..	..	..	..	..	262
Suriname	2012	..	..	..	..	13	..	..	..	..
	2013	..	..	..	..	8	..	..	..	..
	2014	..	..	..	..	2	..	..	..	..
	2015	..	..	..	..	4	..	..	..	..
Uruguay	2012	74	..	..	..	44	..	26	2	..
	2013	88	..	..	..	64	..	28	3	..
	2014	79	..	..	..	45	..	28	3	..
	2015	87	..	..	..	50	..	32	3	..
Venezuela (Bolivar. Rep.)	2012	1,629	..	..	240	652	17	7,109	..	726
	2013	2,735	..	..	243	661	17	7,324	..	736
	2014	1,849	..	..	234	635	16	4,955	..	707
	2015	1,648	..	..	221	599	15	1,899	..	667
Asia	2012	54,281	39	148,368	14,160	44,235	1,756	31,673	3,064	112,107
	2013	51,743	32	155,443	13,283	46,641	1,679	32,568	2,491	115,289
	2014	51,590	12	159,958	12,992	48,921	1,678	34,398	2,193	117,557
	2015	56,445	0	168,549	13,433	51,706	1,882	39,966	2,784	127,587
Azerbaijan	2012	263	..	149	63	288	..	231	..	269
	2013	276	..	125	47	313	..	223	..	238
	2014	246	..	235	54	242	..	252	..	205
	2015	216	..	219	26	172	..	255	..	286
Bahrain	2012	..	..	1,816	..	321	..	..	..	701
	2013	..	..	1,869	..	427	..	..	..	431
	2014	..	..	1,913	..	609	..	..	..	747
	2015	..	..	1,639	..	647	..	..	..	466
Bangladesh	2012	13	..	113	13	65	..	..	7	26
	2013	14	..	139	11	70	..	..	10	25
	2014	12	..	132	18	57	..	..	7	24
	2015	13	..	162	18	67	..	..	7	18
Brunei Darussalam	2012	38	..	..	..	..	..	..	..	..
	2013	28	..	..	..	..	..	..	..	..
	2014	14	..	..	..	..	..	..	..	..
	2015	14	..	..	..	..	..	..	..	..
China	2012	15,674	..	35,661	2,224	16,187	1,468	17,675	1,614	79,099
	2013	16,253	..	40,492	1,137	17,938	1,410	17,393	1,228	81,587
	2014	17,580	..	43,892	1,124	19,532	1,432	18,318	824	81,467
	2015	18,537	..	45,850	1,172	20,078	1,614	19,004	1,473	88,834
Georgia	2012	..	..	..	..	0	..	..	..	..
	2013	..	..	..	..	0	..	..	..	..
	2014	..	..	..	..	0	..	..	..	..
	2015	..	..	..	..	..	..	..	..	2
India	2012	16,560	..	17,354	896	4,658	52	10,943	..	17,003
	2013	11,125	..	17,038	941	4,785	56	12,068	..	17,284
	2014	*10,774	..	17,391	946	4,632	53	12,448	..	18,137
	2015	*11,643	..	17,861	1,037	5,157	65	13,322	..	20,557
Indonesia	2012	636	..	2,795	421	337	*18	*584	*22	*916
	2013	644	..	3,174	377	242	15	301	62	1,524
	2014	759	..	1,840	354	182	0	634	14	3,314
	2015	632	..	1,406	365	171	19	338	18	3,684

Table 23

Production of minor oil products from refineries - by type

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Iran (Islamic Rep. of)	2012	1,663	39	3,067	1,538	4,116	..	..	57	477
	2013	1,806	32	3,532	1,581	3,896	..	..	110	418
	2014	2,025	12	3,321	1,636	4,736	..	..	249	503
	2015	1,898	0	2,475	1,718	4,861	..	..	149	242
Iraq	2012	192	..	468	80	682	25	..	..	..
	2013	196	..	471	91	852	53	..	..	..
	2014	160	..	480	35	708	10	..	..	..
	2015	133	..	439	45	276	1	..	..	..
Israel	2012	..	..	484	..	226	..	..	..	822
	2013	..	..	795	..	221	..	..	..	347
	2014	..	..	1,235	..	199	..	..	..	525
	2015	..	..	1,185	..	166	..	..	..	439
Japan	2012	7,239	..	13,916	2,084	3,960	73	919	79	2,214
	2013	8,267	..	15,023	2,189	3,659	66	1,021	73	2,211
	2014	6,863	..	13,404	2,159	3,254	67	1,177	72	2,199
	2015	7,236	..	13,987	2,169	3,264	60	1,164	72	2,204
Jordan	2012	32	..	..	*16	96	..	..	..	4
	2013	33	..	..	25	101	..	..	..	4
	2014	32	..	..	*25	160	..	..	..	3
	2015	*40	..	..	*17	*113	..	..	..	*3
Kazakhstan	2012	150	..	..	..	287	..	198	..	..
	2013	148	..	..	..	332	..	262	..	..
	2014	111	..	..	..	602	..	278	..	..
	2015	111	..	..	..	600	..	256	..	..
Korea, Republic of	2012	2,689	..	24,315	2,637	3,109	13	290	489	2,831
	2013	3,803	..	24,429	2,424	3,614	15	305	410	3,014
	2014	4,077	..	25,658	2,867	4,027	16	327	366	3,210
	2015	4,499	..	29,404	2,649	4,647	14	360	355	2,588
Kuwait	2012	423	..	6,043	..	209	..	..	..	1,575
	2013	402	..	8,219	..	100	..	..	..	590
	2014	391	..	8,393	..	91	..	..	..	574
	2015	401	..	7,844	..	66	..	..	..	589
Malaysia	2012	194	..	3,617	172	113	37	15	..	..
	2013	192	..	1,747	947	154	13	181	..	..
	2014	189	..	1,787	633	128	61	173	..	..
	2015	169	..	2,447	867	176	83	237	..	..
Myanmar	2012	27	..	..	..	..	1	13	..	5
	2013	28	..	..	..	..	1	14	..	5
	2014	30	..	..	..	..	1	12	..	5
	2015	24	..	..	..	..	1	12	..	4
Oman	2012	198	..	585	53	..	..	..	..	296
	2013	174	..	366	47	..	..	..	..	212
	2014	224	..	478	61	..	..	..	..	242
	2015	230	..	485	63	..	..	..	..	245
Other Asia	2012	1,111	..	8,063	220	648	..	641	75	704
	2013	1,204	..	7,639	165	621	..	649	70	591
	2014	1,199	..	7,304	103	636	..	637	79	506
	2015	1,132	..	7,212	..	617	..	722	61	462
Pakistan	2012	159	..	736	204	155	*11	..	..	*26
	2013	168	..	878	202	160	*12	..	..	*29
	2014	169	..	1,003	187	170	*12	..	..	*31
	2015	181	..	1,074	200	182	*12	..	..	*34

Production of minor oil products from refineries - by type

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Philippines	2012	..	..	135	..	..	..	..	..	407
	2013	..	..	238	..	..	..	..	..	290
	2014	..	..	243	..	..	..	..	..	400
	2015	..	..	306	..	..	..	..	..	1,118
Qatar	2012	65	..	3,923	..	..	..	..	..	1,264
	2013	60	..	3,726	..	..	..	..	..	781
	2014	63	..	3,556	..	..	..	..	..	1,030
	2015	60	..	3,775	..	..	..	..	..	507
Saudi Arabia	2012	2,351	..	7,551	..	2,146	..	..	..	663
	2013	2,536	..	6,900	..	2,448	..	..	..	674
	2014	2,570	..	8,267	..	2,657	..	..	..	558
	2015	3,975	..	9,395	..	2,950	..	3,664	..	1,037
Singapore	2012	3,178	..	2,164	3,137	2,141	32	143	237	870
	2013	3,005	..	1,853	2,829	2,250	25	132	218	559
	2014	2,790	..	2,168	2,561	2,882	25	123	205	813
	2015	2,633	..	1,856	2,847	2,893	12	114	192	391
Sri Lanka	2012	13	..	71	..	27	..	..	4	..
	2013	13	..	87	..	5	..	..	3	..
	2014	15	..	117	..	0	..	..	3	..
	2015	14	..	137	..	..	..	..	2	..
Syrian Arab Republic	2012	109	..	673	30	373	..	..	..	18
	2013	71	..	445	20	247	..	..	..	13
	2014	71	..	445	20	247	..	..	..	13
	2015	72	..	445	20	247	..	..	..	12
Tajikistan	2012	..	..	*9	..	2	..	..	..	..
	2013	..	..	*4	..	4	..	..	..	..
	2014	..	..	*4	..	4	..	..	..	..
	2015	..	..	*12	..	2	..	..	..	..
Thailand	2012	..	..	*7,000	..	1,207	..	..	..	0
	2013	..	..	*8,000	..	1,198	..	..	..	2,690
	2014	..	..	*8,000	..	1,177	..	..	..	1,537
	2015	563	..	*8,000	..	1,420	..	..	..	1,690
Turkey	2012	872	..	308	266	2,810	26	..	474	492
	2013	854	..	148	152	2,925	12	..	301	274
	2014	791	..	304	116	1,917	0	..	368	57
	2015	1,391	..	273	130	2,877	0	500	450	404
Turkmenistan	2012	117	..	..	..	..	..	..	..	320
	2013	126	..	..	..	..	..	..	..	360
	2014	127	..	..	..	..	..	..	..	370
	2015	130	..	..	..	..	..	..	..	370
United Arab Emirates	2012	213	..	7,025	..	..	..	..	..	920
	2013	220	..	7,375	..	..	..	..	..	963
	2014	218	..	7,737	..	..	..	..	..	922
	2015	411	..	10,432	..	..	..	..	..	1,241
Uzbekistan	2012	102	..	..	105	58	1	21	6	185
	2013	97	..	..	99	55	1	20	6	175
	2014	91	..	..	93	52	1	19	6	165
	2015	88	..	..	90	50	1	18	6	160
Yemen	2012	..	..	327	..	13	..	..	..	..
	2013	..	..	732	..	24	..	..	..	..
	2014	..	..	651	..	21	..	..	..	..
	2015	..	..	229	..	7	..	..	..	..

Table 23

Production of minor oil products from refineries - by type

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Europe	2012	35,223	23	58,237	10,570	24,227	1,012	13,108	2,627	24,461
	2013	34,411	35	58,692	10,434	24,389	1,122	13,996	2,504	21,567
	2014	35,780	34	62,750	11,310	23,900	1,198	14,548	3,128	22,191
	2015	39,254	369	67,458	10,945	26,599	885	14,862	2,353	22,217
Albania	2012	5	..	4	..	25	..	15	..	42
	2013	0	..	1	..	29	..	0	..	10
	2014	12	..	17	..	62	..	76	..	78
	2015	*12	..	26	..	83	..	19	..	92
Austria	2012	311	..	1,009	2	366	..	70	..	32
	2013	311	..	1,011	2	314	..	73	..	57
	2014	342	..	976	0	314	..	55	..	43
	2015	282	..	941	0	290	..	60	..	19
Belarus	2012	693	..	..	..	563	..	..	..	889
	2013	725	..	..	..	548	..	..	..	591
	2014	769	..	..	..	576	..	..	..	1,639
	2015	757	..	..	..	637	..	..	..	357
Belgium	2012	820	..	1,890	8	1,100	..	330	..	5,991
	2013	733	..	2,314	4	949	..	311	..	5,508
	2014	819	..	2,569	0	1,099	..	330	..	4,594
	2015	816	..	2,262	0	1,095	..	334	..	4,676
Bosnia and Herzegovina	2012	..	..	19	136	145	..	..	..	37
	2013	..	..	5	78	136	..	..	..	21
	2014	..	..	7	57	153	..	..	..	*22
	2015	..	..	10	56	162	..	..	..	*22
Bulgaria	2012	198	..	303	..	188	..	78	3	14
	2013	222	..	275	..	107	..	89	6	1
	2014	209	..	249	..	125	..	80	4	4
	2015	263	..	300	..	102	..	85	4	2
Croatia	2012	294	..	59	12	26	..	85	..	55
	2013	175	..	30	14	36	..	60	..	40
	2014	276	..	31	13	3	..	35	..	9
	2015	208	..	52	13	0	..	53	..	120
Czechia	2012	158	..	794	90	477	11	..	..	1,015
	2013	134	..	737	100	477	9	..	..	925
	2014	151	..	847	88	521	10	..	..	990
	2015	156	..	657	92	440	10	90	..	781
Denmark	2012	301	..	..	..	..	..	..	..	..
	2013	297	..	..	..	..	..	..	..	..
	2014	299	..	..	..	..	..	..	..	..
	2015	319	..	..	..	..	..	..	..	..
Finland	2012	428	..	250	284	190	..	126	152	135
	2013	410	..	284	316	261	..	139	161	142
	2014	373	..	294	327	339	..	139	180	124
	2015	385	..	220	257	248	..	114	123	118
France	2012	1,538	7	4,362	983	1,891	130	635	99	1,077
	2013	1,358	18	4,532	1,067	1,930	160	503	29	820
	2014	1,319	11	4,694	1,036	1,763	154	526	17	915
	2015	1,348	2	5,209	633	1,819	90	527	40	802
Germany	2012	3,795	..	8,104	2,469	3,595	139	1,743	22	1,646
	2013	3,763	..	7,812	2,419	3,410	137	1,858	10	1,286
	2014	3,646	..	7,851	2,746	3,461	154	1,764	9	1,271
	2015	3,839	..	7,978	2,477	3,525	142	1,886	2	1,099

Production of minor oil products from refineries - by type

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Greece	2012	590	..	1,266	221	253	..	264	2	1,354
	2013	532	..	913	237	436	..	435	..	702
	2014	620	..	1,327	234	540	..	510	..	1,100
	2015	615	..	1,471	274	1,075	..	473	..	1,080
Hungary	2012	179	..	1,004	130	410	33	340	85	643
	2013	177	..	904	110	402	37	353	91	641
	2014	185	..	902	97	467	42	407	90	716
	2015	180	..	904	124	487	37	402	13	695
Ireland	2012	60	..	12	..	..	..	..	..	..
	2013	58	..	27	..	..	..	..	..	..
	2014	57	..	16	..	..	..	..	..	..
	2015	85	..	34	..	..	..	..	..	..
Italy	2012	2,729	..	3,122	1,269	2,604	81	1,445	5	3,000
	2013	2,659	..	2,729	1,175	3,104	95	1,342	4	2,179
	2014	2,262	..	2,705	1,216	2,514	86	758	4	1,919
	2015	2,975	..	2,667	1,311	3,182	98	1,463	3	2,807
Lithuania	2012	294	..	..	43	110	..	105	..	73
	2013	327	..	..	43	126	..	114	..	81
	2014	290	..	..	45	91	..	108	..	77
	2015	330	..	..	46	137	..	115	..	84
Netherlands	2012	2,066	..	7,720	583	315	276	395	103	797
	2013	1,885	..	7,644	489	452	329	343	51	868
	2014	2,052	..	7,144	554	516	422	414	29	880
	2015	2,277	..	8,805	547	483	117	395	188	834
Norway	2012	363	..	1,914	..	..	..	155	..	..
	2013	438	..	1,837	..	..	..	212	..	..
	2014	431	..	1,572	..	..	..	191	..	..
	2015	462	332	1,705	..	..	..	216	..	..
Poland	2012	889	..	1,542	455	1,550	78	..	168	944
	2013	766	..	1,491	465	1,314	69	..	97	1,008
	2014	603	..	1,557	541	1,229	75	..	123	1,075
	2015	594	..	1,919	592	1,480	77	..	116	1,216
Portugal	2012	19	..	1,218	135	163	14	..	17	499
	2013	24	..	960	102	115	8	..	13	1,127
	2014	19	..	1,180	66	117	9	..	17	793
	2015	13	..	1,179	111	167	13	..	26	952
Republic of Moldova	2012	..	..	..	2	..	..	..	..	1
	2013	..	..	..	1	..	..	..	..	1
	2014	..	..	..	0	..	..	..	..	1
	2015	..	..	..	0	..	..	..	..	0
Romania	2012	700	..	263	..	45	..	695	106	118
	2013	712	..	221	..	46	..	672	79	131
	2014	749	..	280	..	61	..	750	105	292
	2015	734	..	282	..	81	..	740	111	198
Russian Federation	2012	12,661	..	19,978	2,582	6,054	216	1,268	1,614	..
	2013	12,849	..	21,477	2,628	6,193	242	2,105	1,677	..
	2014	14,323	..	25,202	3,089	5,751	191	2,736	2,181	..
	2015	16,323	..	26,455	3,234	6,246	190	2,347	1,319	..
Serbia	2012	37	..	127	8	172	..	25	..	170
	2013	47	..	439	11	240	..	18	..	172
	2014	50	..	351	7	262	..	13	..	158
	2015	57	..	359	9	333	..	14	..	208

Table 23

Production of minor oil products from refineries - by type

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Slovakia	2012	321	16	371	..	5	..	55	..	243
	2013	452	17	470	..	0	..	56	..	281
	2014	341	23	385	..	0	..	40	..	262
	2015	541	35	415	..	0	..	58	..	182
Spain	2012	2,059	..	318	165	1,878	34	3,086	179	3,134
	2013	1,879	..	345	191	2,074	36	3,435	180	2,471
	2014	1,956	..	304	337	1,917	55	3,744	204	2,455
	2015	2,364	..	1,240	396	2,491	84	3,660	257	2,709
Sweden	2012	623	..	240	435	702	..	65	..	1,250
	2013	499	..	201	436	790	..	52	..	1,282
	2014	748	..	0	403	895	..	67	..	1,706
	2015	768	..	0	350	945	..	63	..	1,805
Switzerland	2012	168	..	20	..	..	..	56	..	17
	2013	227	..	20	..	..	..	53	..	38
	2014	225	..	..	..	..	..	60	..	34
	2015	124	..	..	..	..	..	11	..	40
Ukraine	2012	269	..	..	101	178	..	..	..	20
	2013	288	..	..	159	123	..	..	..	155
	2014	388	..	..	81	118	..	..	..	236
	2015	123	..	..	73	101	..	..	..	247
United Kingdom	2012	2,655	..	2,328	457	1,222	0	2,072	72	1,265
	2013	2,464	..	2,013	387	777	0	1,773	106	1,029
	2014	2,266	..	2,290	373	1,006	0	1,745	165	798
	2015	2,304	..	2,368	350	990	27	1,737	151	1,072
Oceania	2012	1,408	..	416	76	592	..	520	70	145
	2013	1,331	..	474	80	350	..	545	77	272
	2014	1,191	..	385	79	270	..	533	65	205
	2015	532	..	287	0	220	..	470	72	251
Australia	2012	1,120	..	160	76	475	..	520	70	47
	2013	1,040	..	99	80	253	..	545	77	181
	2014	912	..	124	79	156	..	533	65	101
	2015	246	..	26	0	118	..	470	72	140
New Zealand	2012	288	..	..	..	117	..	..	..	68
	2013	291	..	..	..	97	..	..	..	54
	2014	279	..	..	..	114	..	..	..	70
	2015	286	..	..	..	102	..	..	..	76
Papua New Guinea	2012	..	..	256	..	..	..	..	..	*30
	2013	..	..	375	..	..	..	..	..	37
	2014	..	..	261	..	..	..	..	..	34
	2015	..	..	*261	..	..	..	..	..	*35

Production of oil products from refineries – by type

Thousand metric tons

Table Notes

Production comprises all refinery output of all oil products.

The **Jet fuels** column comprises aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

The **Other products** column includes bitumen, ethane, feedstocks, lubricants, petroleum coke, paraffin waxes, white spirit, and other oil products.

Aruba produces only feedstocks to be further refined abroad (but the refinery ceased operation in 2012).

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Figure 64: Production of selected oil products from refineries, 1990-2015

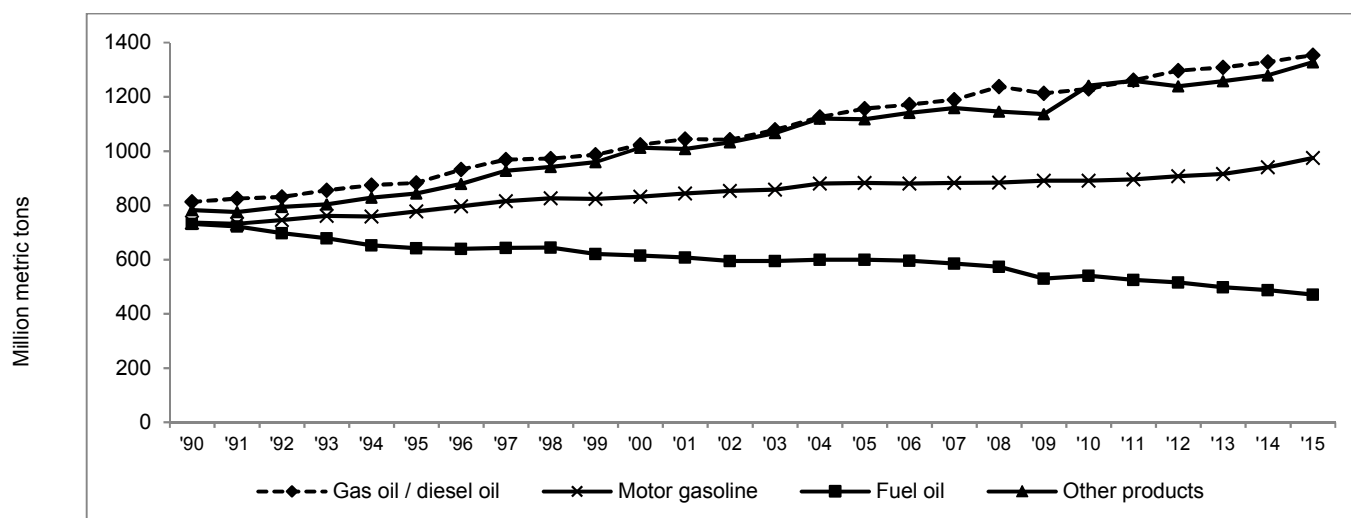


Table 24

Production of oil products from refineries - by type

Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
World	2012	3,958,755	1,297,047	907,704	515,474	242,534	241,781	124,419	106,243	84,915	438,637
	2013	3,980,469	1,309,462	915,538	497,837	250,160	247,368	122,691	111,432	86,512	439,469
	2014	4,036,486	1,328,618	940,697	488,086	258,591	278,514	120,914	117,193	60,236	443,637
	2015	4,128,148	1,354,190	974,869	471,100	269,388	292,902	128,644	117,804	59,481	459,769
Africa	2012	107,183	32,395	16,468	28,401	11,916	7,859	2,115	2,159	1,814	4,055
	2013	107,327	31,974	15,619	27,457	12,051	8,805	2,056	2,317	1,805	5,244
	2014	107,525	34,280	17,107	25,690	11,994	8,320	1,923	2,291	1,499	4,421
	2015	99,617	31,054	16,467	24,241	10,787	7,993	1,762	2,212	1,022	4,079
Algeria	2012	23,007	6,867	2,273	5,115	6,432	1,204	273	470	0	373
	2013	23,978	7,042	2,300	5,358	6,336	1,713	296	597	0	336
	2014	31,033	9,027	3,007	6,594	8,721	2,001	363	804	0	516
	2015	29,713	8,826	2,798	6,617	8,372	1,631	350	740	0	379
Angola	2012	1,963	527	73	737	156	303	62	24	76	5
	2013	2,187	564	69	815	205	339	68	35	89	3
	2014	2,235	532	27	921	190	393	69	31	69	3
	2015	2,049	507	11	802	204	361	*79	22	63	0
Cameroon	2012	1,740	619	320	275	..	278	83	17	..	148
	2013	1,242	431	223	192	..	193	88	12	..	103
	2014	1,713	605	313	269	..	272	93	16	..	145
	2015	1,789	643	333	286	..	289	67	17	..	154
Congo	2012	711	243	80	272	10	67	..	7	20	12
	2013	775	276	70	321	11	56	..	8	21	12
	2014	791	270	78	332	10	60	..	8	20	13
	2015	754	257	74	316	10	57	..	8	19	13
Côte d'Ivoire	2012	3,226	1,057	559	543	..	792	27	1	59	188
	2013	3,290	1,072	647	467	..	831	26	3	85	159
	2014	3,112	1,192	548	396	..	683	25	15	54	199
	2015	3,172	1,169	641	311	..	861	25	9	9	147
Egypt	2012	26,892	7,116	4,201	9,180	2,706	1,505	133	515	296	1,240
	2013	23,969	5,842	2,839	*7,858	2,634	1,629	128	560	86	2,393
	2014	25,268	7,630	4,377	8,046	1,221	1,721	132	557	41	1,543
	2015	25,595	7,885	4,487	7,899	1,025	2,011	130	573	62	1,523
Gabon	2012	770	212	76	386	..	49	..	14	22	11
	2013	837	229	62	429	..	63	..	14	28	12
	2014	814	223	68	411	..	60	..	13	27	12
	2015	801	221	72	395	..	61	..	13	27	12
Ghana	2012	474	122	158	79	..	48	20	27	21	..
	2013	424	113	167	44	..	60	0	26	15	..
	2014	129	28	40	44	..	9	0	3	5	..
	2015	89	28	32	9	..	18	0	2	0	..
Kenya	2012	968	239	117	300	..	157	38	17	67	33
	2013	597	155	76	184	..	106	31	12	33	0
	2014	0	0	0	0	..	0	0	0	0	0
	2015	0	0	0	0	..	0	0	0	0	0
Libya	2012	8,362	2,251	615	2,895	1,348	736	172	93	200	52
	2013	10,479	2,775	640	3,973	1,533	908	216	118	251	65
	2014	4,797	1,278	516	1,655	682	371	99	51	115	30
	2015	4,239	1,003	497	1,680	539	260	87	44	102	27
Morocco	2012	7,494	2,481	407	2,391	493	877	128	116	..	601
	2013	7,080	2,240	369	2,185	482	1,060	185	96	..	463
	2014	6,581	2,275	331	1,656	494	906	174	99	..	646
	2015	3,127	1,139	186	553	204	412	90	29	..	514

Production of oil products from refineries - by type

Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
Niger	2012	545	330	177	..	..	..	..	39	..	..
	2013	808	504	253	..	..	..	..	51	..	..
	2014	725	433	235	..	..	..	..	57	..	..
	2015	637	379	212	..	..	..	..	46	..	..
Nigeria	2012	5,011	1,030	1,135	1,287	338	62	125	104	544	386
	2013	5,168	664	1,237	1,222	401	76	125	195	671	577
	2014	3,477	647	542	959	224	47	84	72	629	273
	2015	1,607	294	261	406	29	15	52	31	189	330
Senegal	2012	768	412	75	205	53	8	13	1	1	..
	2013	764	451	29	171	85	12	15	1	0	..
	2014	784	470	28	167	89	12	15	1	2	..
	2015	835	500	30	178	95	13	16	1	2	..
South Africa	2012	19,002	6,220	5,014	3,644	..	1,622	1,008	354	430	710
	2013	19,767	7,048	5,544	3,355	..	1,649	845	262	424	640
	2014	19,701	6,984	5,817	3,124	..	1,630	834	215	446	651
	2015	19,039	5,607	5,609	3,791	..	1,846	829	318	459	580
Sudan	2012	3,905	1,666	1,099	398	8	118	20	320	8	268
	2013	3,734	1,594	1,009	253	18	79	20	289	19	453
	2014	4,065	1,686	1,085	465	17	120	21	310	3	358
	2015	4,261	1,767	1,137	487	17	126	24	325	3	375
Tunisia	2012	1,728	661	..	612	372	..	..	31	37	15
	2013	1,640	646	..	551	346	..	..	30	52	15
	2014	1,641	634	..	563	346	..	..	27	53	18
	2015	1,305	492	..	430	292	..	..	24	55	12
Zambia	2012	616	343	89	82	..	33	13	10	33	13
	2013	589	328	85	79	..	31	13	9	31	13
	2014	659	367	95	88	..	35	14	11	35	14
	2015	605	337	87	81	..	32	13	10	32	13
America, North	2012	971,409	278,586	382,024	60,460	15,923	77,057	23,018	12,847	992	120,501
	2013	982,912	285,993	387,018	58,937	17,449	78,646	23,551	12,823	1,172	117,322
	2014	991,495	293,205	393,702	54,794	16,473	80,478	21,721	13,590	1,587	115,946
	2015	988,383	290,801	400,246	50,399	15,569	82,308	22,127	9,241	1,713	115,980
Aruba	2012	*2,440	..	..	..	..	..	..	..	..	*2,440
	2013	0	..	..	..	..	..	..	..	..	0
	2014	0	..	..	..	..	..	..	..	..	0
	2015	0	..	..	..	..	..	..	..	..	0
Canada	2012	92,633	31,404	29,390	7,292	3,505	3,805	4,029	1,534	495	11,179
	2013	91,037	30,478	28,795	6,751	3,062	3,995	3,932	1,437	604	11,983
	2014	85,991	30,004	28,325	6,164	3,306	4,165	2,632	1,287	598	9,510
	2015	87,571	30,136	30,167	4,738	3,562	4,294	3,331	1,284	832	9,227
Cuba	2012	5,107	1,319	415	2,520	349	284	18	42	31	129
	2013	5,138	1,256	672	2,352	284	293	30	74	29	148
	2014	4,877	1,124	554	2,315	367	276	27	67	25	123
	2015	4,526	1,030	446	2,233	354	244	19	51	28	122
Curaçao	2012	8,619	1,886	1,574	3,101	310	668	194	51	..	835
	2013	9,044	1,712	1,712	3,792	337	609	177	47	..	658
	2014	9,574	1,991	1,890	3,505	373	707	208	55	..	845
	2015	9,062	1,853	1,818	3,275	359	658	221	59	..	819
Dominican Republic	2012	1,163	345	231	333	..	219	13	14	9	..
	2013	1,295	373	265	392	..	228	15	13	10	..
	2014	1,278	372	267	367	..	232	15	16	10	..
	2015	764	214	158	234	..	138	9	7	6	..

Table 24

Production of oil products from refineries - by type

Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
El Salvador	2012	575	107	72	302	..	41	12	6	0	35
	2013	0	0	0	0	..	0	0	0	0	0
	2014	0	0	0	0	..	0	0	0	0	0
	2015	0	0	0	0	..	0	0	0	0	0
Guatemala	2012	71	31	..	..	..	..	..	..	1	39
	2013	59	31	..	..	..	..	..	..	0	27
	2014	72	38	..	..	..	..	..	..	1	34
	2015	66	39	..	..	..	..	..	..	0	27
Jamaica	2012	1,218	225	133	695	31	101	..	9	1	22
	2013	1,171	193	124	702	30	98	..	6	1	16
	2014	963	147	103	566	41	82	..	6	2	17
	2015	1,194	144	135	747	37	84	..	7	9	31
Martinique	2012	*858	*177	*149	*397	..	*114	..	*21	..	..
	2013	*867	*179	*149	*406	..	*112	..	*21	..	..
	2014	*904	*185	*156	*430	..	*110	..	*22	..	..
	2015	*898	*184	*156	*427	..	*109	..	*22	..	..
Mexico	2012	62,343	15,210	17,517	15,594	2,910	2,590	3,494	792	..	4,236
	2013	64,969	16,184	18,262	15,287	3,427	2,774	3,632	788	..	4,615
	2014	61,799	14,569	17,581	14,742	3,646	2,436	3,282	828	..	4,715
	2015	56,815	14,059	15,785	13,500	3,124	2,182	3,193	670	..	4,302
Nicaragua	2012	518	156	68	234	..	20	8	9	5	18
	2013	690	209	97	301	..	28	10	11	5	29
	2014	688	213	99	297	..	29	9	9	6	26
	2015	702	191	104	313	..	32	13	12	7	30
Trinidad and Tobago	2012	5,415	921	567	2,297	0	397	221	12	29	971
	2013	6,613	1,269	1,079	2,897	68	605	180	82	32	401
	2014	5,275	831	733	2,588	0	476	179	12	33	423
	2015	6,306	1,550	1,634	2,182	0	587	194	24	34	101
United States	2012	790,449	226,806	331,908	27,696	8,818	68,819	15,029	10,356	420	100,597
	2013	802,029	234,109	335,864	26,057	10,241	69,903	15,575	10,344	491	99,445
	2014	820,074	243,731	343,993	23,820	8,740	71,966	15,369	11,289	913	100,253
	2015	820,479	241,401	349,844	22,751	8,133	73,980	15,147	7,105	797	101,321
America, South	2012	234,412	77,071	46,958	44,512	7,674	12,310	8,375	7,393	501	29,618
	2013	231,386	76,084	47,357	43,892	6,050	11,472	9,599	6,834	549	29,550
	2014	236,705	79,408	48,541	45,511	7,032	12,233	8,709	6,702	511	28,057
	2015	219,223	73,916	46,179	42,498	6,738	11,381	8,523	6,298	579	23,111
Argentina	2012	31,128	9,931	5,362	3,953	2,643	1,344	1,218	997	20	5,660
	2013	28,044	7,918	5,657	4,309	1,773	1,337	1,226	*943	21	4,860
	2014	30,072	8,440	5,244	4,617	2,954	1,327	1,000	1,210	16	5,264
	2015	30,665	8,977	5,682	4,630	2,965	1,342	1,109	878	15	5,067
Bolivia (Plur. State of)	2012	2,451	616	686	332	..	136	100	85	15	481
	2013	2,435	697	783	376	..	167	101	90	14	207
	2014	2,636	758	794	411	..	181	77	84	15	316
	2015	2,948	849	870	456	..	208	85	87	17	376
Brazil	2012	101,717	39,881	19,080	13,747	4,660	4,449	4,121	4,503	19	11,257
	2013	108,480	43,267	21,182	14,618	3,872	4,567	4,779	4,368	12	11,815
	2014	111,078	43,570	21,373	16,010	3,674	4,992	4,953	4,108	10	12,388
	2015	104,248	43,297	19,045	14,087	3,337	4,635	4,870	4,046	6	10,925
Chile	2012	9,022	2,863	2,246	1,192	60	617	226	593	100	1,125
	2013	9,378	3,076	2,619	1,252	111	613	227	257	141	1,082
	2014	9,617	3,177	2,789	1,185	77	629	211	316	143	1,090
	2015	9,685	3,031	2,823	1,252	121	578	201	305	148	1,226

Table 24

Production of oil products from refineries - by type

Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
Colombia	2012	15,840	4,806	3,276	4,093	311	1,339	835	460	216	*504
	2013	14,997	4,578	3,372	4,333	294	1,108	285	426	236	366
	2014	15,697	5,422	2,934	4,521	327	1,084	375	361	249	424
	2015	10,937	2,672	2,552	3,114	315	790	371	377	308	438
Ecuador	2012	8,206	1,785	1,378	2,984	..	349	2	250	5	1,453
	2013	7,633	1,599	1,212	2,751	..	372	4	235	5	1,457
	2014	6,946	1,484	1,070	2,411	..	347	3	185	3	1,443
	2015	6,631	1,461	911	2,439	..	346	4	141	3	1,327
Peru	2012	8,818	3,835	1,806	1,716	..	749	169	185	49	309
	2013	8,945	3,607	1,899	1,694	..	692	155	173	46	679
	2014	9,065	3,683	2,041	1,735	..	748	162	188	0	508
	2015	8,030	3,139	1,667	2,002	..	620	149	191	0	262
Suriname	2012	316	49	..	253	..	..	..	..	..	13
	2013	379	62	..	310	..	..	..	..	..	8
	2014	200	32	..	166	..	..	..	..	..	2
	2015	396	20	3	369	..	..	..	..	..	4
Uruguay	2012	1,951	777	457	414	..	72	74	76	9	72
	2013	2,051	812	514	372	..	72	88	91	7	94
	2014	1,903	760	462	356	..	84	79	81	7	76
	2015	1,900	746	489	313	..	94	87	80	6	84
Venezuela (Bolivar. Rep.)	2012	54,963	12,527	12,668	15,828	..	3,255	1,629	244	68	8,744
	2013	49,043	10,468	10,119	13,877	..	2,545	2,735	251	67	8,981
	2014	49,492	12,082	11,835	14,100	..	2,841	1,849	170	68	6,547
	2015	43,783	9,724	12,137	13,836	..	2,768	1,648	193	76	3,401
Asia	2012	1,670,978	555,700	279,129	214,905	148,368	92,428	54,281	50,019	69,116	207,032
	2013	1,702,244	565,512	288,687	208,114	155,443	96,058	51,743	54,167	70,538	211,983
	2014	1,733,684	567,082	307,405	201,600	159,958	125,598	51,590	58,305	44,395	217,751
	2015	1,830,479	594,587	333,080	194,772	168,549	139,888	56,445	62,616	43,184	237,357
Azerbaijan	2012	6,056	2,369	1,297	286	149	626	263	215	..	851
	2013	6,375	2,495	1,407	285	125	703	276	263	..	821
	2014	6,536	2,946	1,238	207	235	709	246	202	..	753
	2015	6,387	2,804	1,224	324	219	689	216	172	..	739
Bahrain	2012	13,466	4,223	664	2,443	1,816	3,176	..	122	0	1,022
	2013	13,312	3,942	596	2,519	1,869	3,424	..	104	0	858
	2014	13,360	4,083	753	2,158	1,913	2,993	..	104	0	1,356
	2015	13,446	4,210	821	2,181	1,639	3,323	..	159	0	1,113
Bangladesh	2012	1,193	375	63	275	113	4	13	13	226	111
	2013	1,347	386	69	323	139	0	14	14	286	116
	2014	1,216	362	59	302	132	1	12	11	231	106
	2015	1,247	389	17	299	162	1	13	11	245	110
Brunei Darussalam	2012	418	114	146	66	..	47	38	..	7	..
	2013	485	138	167	80	..	65	28	..	7	..
	2014	381	113	118	72	..	58	14	..	6	..
	2015	468	141	156	80	..	71	14	..	6	..
China	2012	496,858	170,638	89,135	22,532	35,661	626	15,674	22,687	21,640	118,266
	2013	526,665	172,757	97,665	27,759	40,492	676	16,253	25,133	25,239	120,692
	2014	564,104	176,353	109,574	35,417	43,892	30,532	17,580	27,058	1,003	122,696
	2015	603,236	180,079	120,251	39,630	45,850	35,443	18,537	29,344	1,928	132,174
Georgia	2012	7	..	4	..	..	..	..	..	3	0
	2013	0	..	0	..	..	..	..	..	0	0
	2014	0	..	0	..	..	..	..	..	0	0
	2015	12	5	..	5	..	..	..	..	0	2

Table 24

Production of oil products from refineries - by type

Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
India	2012	229,362	91,085	30,118	15,054	17,354	10,077	16,560	7,694	7,868	33,552
	2013	227,580	94,165	30,275	13,405	17,038	11,210	11,125	7,890	7,338	35,134
	2014	231,555	94,428	32,325	11,919	17,391	11,103	*10,774	9,840	7,559	36,216
	2015	243,139	98,588	35,321	9,727	17,861	11,789	*11,643	10,568	7,504	40,138
Indonesia	2012	44,942	16,774	9,506	8,472	2,795	2,403	636	662	1,396	*2,298
	2013	47,125	19,532	8,418	8,501	3,174	2,538	644	564	1,233	2,521
	2014	44,593	16,246	8,891	8,369	1,840	2,274	759	759	957	4,498
	2015	42,655	16,159	9,022	6,932	1,406	2,553	632	700	656	4,595
Iran (Islamic Rep. of)	2012	91,584	29,814	14,695	27,701	3,067	1,165	1,663	2,646	4,606	6,227
	2013	93,062	31,032	16,358	26,879	3,532	1,192	1,806	2,490	3,738	6,036
	2014	90,427	30,501	16,419	23,572	3,321	1,260	2,025	2,997	3,196	7,137
	2015	86,097	29,387	16,338	21,747	2,475	1,741	1,898	3,191	2,349	6,970
Iraq	2012	28,646	6,262	3,094	15,186	468	140	192	312	2,205	787
	2013	29,343	6,477	3,089	15,656	471	144	196	265	2,049	996
	2014	23,931	5,099	2,413	13,268	480	215	160	145	1,398	753
	2015	19,694	3,539	1,853	11,964	439	197	133	25	1,222	322
Israel	2012	11,720	3,915	2,809	1,813	484	786	..	498	367	1,048
	2013	13,923	4,673	3,110	2,984	795	1,072	..	582	139	568
	2014	14,073	5,378	2,792	2,371	1,235	1,032	..	407	134	724
	2015	13,927	5,249	2,748	2,628	1,185	1,001	..	381	130	605
Japan	2012	169,173	45,381	39,142	24,969	13,916	10,404	7,239	4,014	14,779	9,329
	2013	172,618	48,557	40,183	20,393	15,023	12,063	8,267	4,509	14,404	9,219
	2014	161,842	45,670	39,365	18,079	13,404	12,054	6,863	4,242	13,237	8,928
	2015	162,843	45,829	40,295	17,085	13,987	12,334	7,236	4,320	12,824	8,933
Jordan	2012	3,537	1,109	716	999	..	366	32	102	96	116
	2013	3,146	980	663	900	..	328	33	78	34	130
	2014	3,075	931	634	812	..	326	32	91	63	187
	2015	3,174	1,050	643	887	..	253	*40	79	90	*133
Kazakhstan	2012	13,528	4,890	2,877	3,936	..	200	150	823	167	485
	2013	13,762	5,299	2,738	3,734	..	200	148	881	168	594
	2014	14,544	5,282	3,023	3,877	..	302	111	955	114	880
	2015	13,358	4,487	2,864	3,900	..	280	111	827	33	856
Korea, Dem.Ppl's.Rep.	2012	508	188	176	108	..	..	..	..	36	..
	2013	561	208	194	119	..	..	..	..	40	..
	2014	515	191	178	109	..	..	..	..	37	..
	2015	515	191	178	109	..	..	..	..	37	..
Korea, Republic of	2012	131,006	41,874	15,306	15,282	24,315	16,484	2,689	1,487	4,200	9,369
	2013	126,256	40,236	15,162	11,801	24,429	16,397	3,803	1,728	2,918	9,782
	2014	128,633	42,111	16,359	8,133	25,658	17,053	4,077	2,099	2,330	10,813
	2015	139,689	45,099	17,729	8,433	29,404	19,135	4,499	2,187	2,590	10,613
Kuwait	2012	40,496	11,563	2,202	10,825	6,043	2,748	423	139	4,769	1,784
	2013	41,381	10,532	2,420	10,207	8,219	2,494	402	129	6,288	690
	2014	41,638	10,806	2,455	10,204	8,393	2,438	391	141	6,145	665
	2015	42,787	10,294	3,175	12,706	7,844	2,147	401	153	5,412	655
Kyrgyzstan	2012	81	31	11	39	..	..	..	..	..	..
	2013	77	27	9	41	..	..	..	..	..	..
	2014	144	30	63	51	..	..	..	..	..	..
	2015	320	56	115	136	..	..	..	13	..	..
Malaysia	2012	25,114	9,878	4,395	1,621	3,617	3,794	194	645	633	337
	2013	24,086	10,892	4,475	1,297	1,747	2,663	192	1,150	375	1,295
	2014	23,519	9,575	4,681	2,359	1,787	2,824	189	1,012	97	995
	2015	23,684	9,737	4,788	1,706	2,447	2,751	169	717	6	1,363

Table 24

Production of oil products from refineries - by type

Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
Myanmar	2012	648	165	330	65	..	33	27	8	1	19
	2013	510	150	230	55	..	21	28	6	0	19
	2014	521	161	234	61	..	17	30	0	0	18
	2015	499	170	222	29	..	30	24	7	1	17
Oman	2012	9,876	2,074	2,752	2,867	585	712	198	335	4	349
	2013	9,160	1,891	2,548	3,065	366	564	174	289	4	259
	2014	10,598	2,633	2,973	3,039	478	617	224	327	4	303
	2015	10,857	2,963	2,974	2,906	485	668	230	323	0	308
Other Asia	2012	45,973	13,904	6,740	8,828	8,063	3,863	1,111	1,176	..	2,288
	2013	43,382	14,162	7,274	5,812	7,639	3,866	1,204	1,329	..	2,096
	2014	42,658	14,140	7,460	5,880	7,304	3,738	1,199	976	..	1,961
	2015	42,694	13,865	7,872	5,982	7,212	3,831	1,132	936	2	1,862
Pakistan	2012	10,375	3,902	1,514	2,653	736	674	159	*180	161	396
	2013	11,434	4,361	1,595	2,926	878	779	168	*150	174	403
	2014	11,780	4,508	1,614	2,951	1,003	782	169	*179	174	400
	2015	12,616	4,826	1,728	3,159	1,074	822	181	*212	186	428
Philippines	2012	7,954	3,130	1,412	1,734	135	693	..	351	92	407
	2013	7,384	2,951	1,255	1,605	238	644	..	314	87	290
	2014	7,843	3,058	1,303	1,717	243	768	..	294	59	400
	2015	9,839	4,008	2,011	957	306	926	..	454	61	1,118
Qatar	2012	13,478	2,205	1,956	321	3,923	3,387	65	357	..	1,264
	2013	12,640	2,190	1,600	384	3,726	3,534	60	365	..	781
	2014	12,314	2,201	1,976	245	3,556	2,881	63	362	..	1,030
	2015	11,914	2,091	1,583	513	3,775	3,052	60	333	..	507
Saudi Arabia	2012	95,618	31,383	17,103	25,282	7,551	3,045	2,351	970	5,124	2,809
	2013	91,570	29,460	15,790	24,955	6,900	2,837	2,536	1,195	4,775	3,122
	2014	107,431	36,842	18,867	26,378	8,267	3,689	2,570	1,394	6,209	3,215
	2015	128,043	48,015	24,577	22,289	9,395	3,672	3,975	2,289	6,180	7,651
Singapore	2012	52,148	14,627	*10,224	4,925	2,164	9,751	3,178	394	325	6,560
	2013	49,222	12,332	10,118	5,445	1,853	9,866	3,005	285	305	6,013
	2014	45,521	10,605	*10,736	2,528	2,168	9,596	2,790	317	172	6,609
	2015	44,437	*10,882	*10,218	2,077	1,856	9,692	2,633	318	312	6,449
Sri Lanka	2012	1,494	394	152	648	71	93	13	17	75	31
	2013	1,569	390	144	724	87	125	13	22	57	8
	2014	1,686	496	152	641	117	168	15	28	65	3
	2015	1,615	517	154	553	137	155	14	10	75	2
Syrian Arab Republic	2012	8,152	2,572	677	3,365	673	246	109	86	3	421
	2013	5,392	1,701	448	2,225	445	163	71	57	2	280
	2014	5,391	1,701	448	2,225	445	163	71	56	2	280
	2015	5,391	1,701	448	2,225	445	163	72	56	2	279
Tajikistan	2012	26	3	1	11	*9	..	..	..	..	2
	2013	21	4	1	8	*4	..	..	..	..	4
	2014	21	4	1	8	*4	..	..	..	..	4
	2015	*21	2	..	5	*12	..	..	..	..	2
Thailand	2012	48,293	20,836	6,354	6,393	*7,000	4,471	..	1,971	61	1,207
	2013	53,347	21,955	6,474	5,557	*8,000	5,007	..	1,923	543	3,888
	2014	51,005	20,709	6,307	5,328	*8,000	5,224	..	1,855	868	2,714
	2015	56,162	23,351	7,186	5,374	*8,000	5,587	563	1,920	1,071	3,110
Turkey	2012	23,139	7,856	4,371	1,567	308	3,277	872	775	45	4,068
	2013	23,995	7,668	4,278	3,013	148	3,584	854	733	53	3,664
	2014	21,876	6,230	3,953	3,837	304	3,548	791	699	56	2,458
	2015	29,234	8,652	5,113	3,460	273	5,027	1,391	899	58	4,361

Table 24

Production of oil products from refineries - by type

Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
Turkmenistan	2012	7,912	2,470	2,010	2,160	..	415	117	280	140	320
	2013	7,911	2,540	2,220	1,760	..	455	126	310	140	360
	2014	8,547	2,770	2,610	1,690	..	470	127	360	150	370
	2015	8,550	2,770	2,610	1,690	..	470	130	360	150	370
United Arab Emirates	2012	28,323	5,478	3,750	1,935	7,025	8,411	213	591	..	920
	2013	31,117	6,029	3,912	2,793	7,375	8,919	220	906	..	963
	2014	30,794	6,246	3,610	2,888	7,737	8,263	218	910	..	922
	2015	41,548	9,194	4,931	2,604	10,432	11,734	411	1,001	..	1,241
Uzbekistan	2012	3,204	1,021	1,226	278	..	132	102	19	50	376
	2013	3,058	1,082	1,105	228	..	125	97	18	47	356
	2014	2,864	1,019	1,041	198	..	118	91	17	44	336
	2015	2,778	989	1,010	192	..	115	88	16	43	325
Viet Nam	2012	5,429	2,854	2,072	59	..	54	..	390	..	..
	2013	6,493	3,456	2,515	32	..	75	..	415	..	..
	2014	6,152	2,892	2,618	139	..	97	..	406	..	..
	2015	6,721	3,068	2,747	138	..	196	..	572	..	..
Yemen	2012	1,240	343	128	207	327	125	..	60	37	13
	2013	2,937	862	182	645	732	326	..	70	96	24
	2014	2,594	761	161	569	651	285	..	62	84	21
	2015	882	232	159	140	229	41	..	62	12	7
Europe	2012	937,806	340,305	170,264	165,549	58,237	46,542	35,223	33,182	12,477	76,028
	2013	919,951	336,474	164,582	157,819	58,692	46,830	34,411	34,651	12,446	74,047
	2014	933,466	341,831	162,880	159,174	62,750	46,871	35,780	35,726	12,145	76,309
	2015	959,271	351,772	168,040	157,946	67,458	46,769	39,254	36,916	12,886	78,230
Albania	2012	111	20	..	..	4	..	5	..	..	82
	2013	40	0	..	..	1	..	0	..	..	39
	2014	336	89	..	2	17	..	12	..	..	216
	2015	288	56	..	..	26	..	*12	..	..	194
Austria	2012	8,756	3,759	1,553	953	1,009	618	311	67	16	470
	2013	8,917	3,851	1,549	1,011	1,011	654	311	66	18	446
	2014	8,904	3,756	1,773	981	976	581	342	65	18	412
	2015	9,132	3,851	1,721	1,154	941	648	282	139	27	369
Belarus	2012	21,375	7,539	3,729	7,284	..	..	693	532	146	1,452
	2013	20,880	7,687	3,683	6,615	..	361	725	568	102	1,139
	2014	21,973	8,257	3,945	5,865	..	337	769	573	12	2,215
	2015	22,678	8,644	3,925	7,431	..	388	757	536	3	994
Belgium	2012	34,828	12,574	4,502	5,179	1,890	1,819	820	580	35	7,429
	2013	32,145	11,119	4,192	4,916	2,314	1,497	733	576	26	6,772
	2014	35,250	13,369	4,565	5,512	2,569	1,666	819	707	20	6,023
	2015	35,204	13,424	4,906	5,306	2,262	1,686	816	671	28	6,105
Bosnia and Herzegovina	2012	1,079	434	109	176	19	..	..	23	..	318
	2013	965	440	146	116	5	..	..	23	..	235
	2014	989	431	152	143	7	..	..	24	..	232
	2015	919	410	130	105	10	..	..	24	..	240
Bulgaria	2012	6,425	2,205	1,658	1,488	303	171	198	119	..	283
	2013	6,443	2,087	1,757	1,640	275	166	222	93	..	203
	2014	6,129	1,970	1,600	1,617	249	173	209	98	..	213
	2015	6,681	2,202	1,788	1,654	300	179	263	102	..	193
Croatia	2012	3,707	1,287	990	563	59	97	294	239	..	178
	2013	3,357	1,242	928	514	30	109	175	209	..	150
	2014	2,953	1,063	805	423	31	106	276	189	..	60
	2015	3,342	1,250	843	489	52	105	208	209	..	186

Table 24

Production of oil products from refineries - by type

Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
Czechia	2012	7,587	3,115	1,439	145	794	143	158	200	..	1,593
	2013	6,969	2,896	1,252	148	737	111	134	180	..	1,511
	2014	7,822	3,268	1,454	125	847	160	151	208	..	1,609
	2015	7,508	3,174	1,533	169	657	186	156	220	..	1,413
Denmark	2012	7,427	3,411	2,011	1,312	..	224	301	168	..	..
	2013	6,989	3,198	2,033	1,213	..	145	297	103	..	..
	2014	6,685	3,035	1,854	1,242	..	137	299	118	..	..
	2015	8,912	4,289	2,335	1,702	..	144	319	123	..	..
Finland	2012	14,293	6,401	4,166	1,287	250	618	428	256	..	887
	2013	14,758	6,539	4,195	1,330	284	671	410	310	..	1,019
	2014	14,145	5,987	4,323	1,224	294	542	373	293	..	1,109
	2015	12,720	5,453	3,575	1,441	220	545	385	241	..	860
France	2012	60,903	24,948	11,679	8,237	4,362	3,851	1,538	1,466	0	4,822
	2013	57,891	24,415	10,564	6,735	4,532	4,288	1,358	1,472	0	4,527
	2014	57,621	24,527	10,992	6,481	4,694	3,712	1,319	1,474	0	4,422
	2015	59,505	25,304	11,119	7,256	5,209	3,795	1,348	1,561	0	3,913
Germany	2012	100,742	43,580	19,487	8,319	8,104	5,216	3,795	2,624	3	9,614
	2013	97,921	42,808	19,236	7,776	7,812	4,757	3,763	2,645	4	9,120
	2014	96,755	41,920	18,856	7,696	7,851	4,862	3,646	2,518	1	9,405
	2015	99,200	43,520	18,945	7,953	7,978	5,178	3,839	2,656	0	9,131
Greece	2012	23,765	7,691	4,592	5,111	1,266	1,784	590	631	6	2,094
	2013	24,034	8,085	4,205	5,447	913	2,371	532	671	0	1,810
	2014	27,516	9,520	4,649	6,043	1,327	2,237	620	735	1	2,384
	2015	28,427	10,369	4,611	5,676	1,471	2,079	615	703	1	2,902
Hungary	2012	7,818	3,542	1,138	81	1,004	169	179	64	..	1,641
	2013	7,644	3,468	1,067	84	904	181	177	129	..	1,634
	2014	7,944	3,509	1,089	67	902	191	185	182	..	1,819
	2015	7,473	3,055	1,152	69	904	191	180	164	..	1,758
Ireland	2012	3,019	1,275	501	967	12	..	60	73	131	..
	2013	2,788	1,094	502	939	27	..	58	62	106	..
	2014	2,710	1,014	489	937	16	..	57	60	137	..
	2015	3,365	1,290	602	1,167	34	..	85	46	141	..
Italy	2012	81,598	35,099	18,210	9,216	3,122	2,605	2,729	1,541	672	8,404
	2013	69,628	31,358	15,344	5,127	2,729	2,435	2,659	1,681	396	7,899
	2014	66,337	29,488	15,419	5,731	2,705	2,269	2,262	1,327	639	6,497
	2015	73,935	31,996	15,790	7,706	2,667	2,115	2,975	1,299	523	8,864
Lithuania	2012	8,977	3,025	2,504	1,709	..	815	294	299	..	331
	2013	9,486	3,086	2,535	1,833	..	1,019	327	322	..	364
	2014	7,943	2,531	2,103	1,475	..	948	290	275	..	321
	2015	8,920	2,908	2,403	1,561	..	1,029	330	307	..	382
Netherlands	2012	56,639	20,054	6,958	8,726	7,720	6,589	2,066	1,477	580	2,469
	2013	55,381	20,255	6,324	8,443	7,644	6,467	1,885	1,424	407	2,532
	2014	56,579	20,716	6,334	8,501	7,144	7,003	2,052	1,632	382	2,815
	2015	59,972	22,356	5,399	8,751	8,805	7,537	2,277	1,735	548	2,564
Norway	2012	15,023	6,161	3,683	1,591	1,914	501	363	432	223	155
	2013	16,018	6,735	3,856	1,668	1,837	598	438	478	196	212
	2014	14,514	6,236	3,299	1,688	1,572	577	431	366	154	191
	2015	16,951	6,503	3,988	1,790	1,705	581	462	1,087	287	548
Poland	2012	25,625	11,289	3,803	3,430	1,542	937	889	539	1	3,195
	2013	24,893	11,023	3,826	3,408	1,491	877	766	548	1	2,953
	2014	24,821	10,616	3,627	3,659	1,557	1,156	603	560	0	3,043
	2015	27,230	11,757	3,939	3,869	1,919	1,096	594	575	0	3,481

Table 24

Production of oil products from refineries - by type

Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
Portugal	2012	11,673	3,872	1,864	2,740	1,218	910	19	221	1	828
	2013	13,941	5,399	2,338	2,461	960	1,132	24	261	1	1,365
	2014	12,662	4,865	1,924	2,498	1,180	976	19	198	..	1,002
	2015	15,092	6,104	2,694	2,498	1,179	1,160	13	175	..	1,269
Republic of Moldova	2012	18	3	..	12	..	..	..	..	..	3
	2013	19	1	..	16	..	..	..	..	..	2
	2014	18	1	..	16	..	..	..	..	..	1
	2015	11	0	..	11	..	..	..	..	..	0
Romania	2012	9,850	3,806	2,751	562	263	254	700	527	23	964
	2013	10,122	4,209	2,863	364	221	297	712	523	5	928
	2014	11,666	5,170	2,998	321	280	372	749	560	8	1,208
	2015	11,530	5,116	2,982	308	282	400	734	567	11	1,130
Russian Federation	2012	255,290	69,436	38,232	75,072	19,978	12,863	12,661	15,314	..	11,734
	2013	266,656	71,599	39,379	77,993	21,477	13,615	12,849	16,899	..	12,845
	2014	283,328	77,001	38,935	82,109	25,202	13,583	14,323	18,227	..	13,948
	2015	278,118	76,004	39,235	75,957	26,455	12,186	16,323	18,622	..	13,336
Serbia	2012	2,260	691	372	472	127	73	37	113	..	375
	2013	3,111	1,122	401	395	439	73	47	193	..	441
	2014	3,110	1,172	464	366	351	109	50	158	..	440
	2015	3,382	1,279	484	355	359	108	57	176	..	564
Slovakia	2012	5,877	2,732	1,348	616	371	47	321	122	1	319
	2013	6,552	2,913	1,395	677	470	118	452	172	1	354
	2014	5,725	2,660	1,291	489	385	78	341	155	1	325
	2015	6,437	2,976	1,485	471	415	92	541	181	1	275
Spain	2012	61,346	26,490	7,231	6,536	318	163	2,059	1,702	8,371	8,476
	2013	60,501	26,783	7,471	5,296	345	149	1,879	1,713	8,478	8,387
	2014	60,290	27,110	7,275	4,482	304	197	1,956	1,575	8,679	8,712
	2015	64,967	27,467	9,105	3,984	1,240	226	2,364	1,699	9,285	9,597
Sweden	2012	21,410	7,966	4,394	5,099	240	245	623	391	..	2,452
	2013	17,584	6,298	3,425	4,124	201	169	499	308	..	2,560
	2014	19,799	7,325	4,823	3,161	0	248	748	423	..	3,071
	2015	20,667	8,000	4,992	3,167	0	104	768	473	..	3,163
Switzerland	2012	3,424	1,703	1,028	275	20	38	168	119	..	73
	2013	4,914	2,592	1,388	365	20	38	227	193	..	91
	2014	4,940	2,618	1,420	394	..	16	225	173	..	94
	2015	2,837	1,542	692	314	..	38	124	76	..	51
T.F.Yug.Rep. Macedonia	2012	244	74	46	97	..	17	0	10	..	..
	2013	78	28	22	21	..	5	0	3	..	..
	2014	1	0	1	0	..	0	0	0	..	..
	2015	0	0	0	0	..	0	0	0	..	..
Ukraine	2012	4,968	1,411	1,636	790	..	..	269	563	..	299
	2013	4,018	1,120	1,015	658	..	..	288	500	..	437
	2014	3,323	832	712	516	..	..	388	440	..	435
	2015	2,849	786	643	535	..	..	123	341	..	421
United Kingdom	2012	71,750	24,712	18,650	7,504	2,328	5,775	2,655	2,770	2,268	5,088
	2013	65,308	23,024	17,691	6,486	2,013	4,527	2,464	2,326	2,705	4,072
	2014	60,678	21,775	15,709	5,410	2,290	4,635	2,266	2,413	2,093	4,087
	2015	61,019	20,687	17,024	5,097	2,368	4,973	2,304	2,208	2,031	4,327
Oceania	2012	36,967	12,990	12,862	1,646	416	5,585	1,408	643	15	1,403
	2013	36,648	13,426	12,274	1,618	474	5,558	1,331	641	2	1,324
	2014	33,610	12,812	11,062	1,318	385	5,012	1,191	578	101	1,152
	2015	31,175	12,060	10,857	1,244	287	4,563	532	522	97	1,013

Production of oil products from refineries - by type

Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
Australia	2012	30,346	10,388	11,497	945	160	4,415	1,120	633	0	1,188
	2013	30,038	10,849	10,911	888	99	4,484	1,040	629	2	1,136
	2014	27,441	10,421	9,790	645	124	4,044	912	566	5	934
	2015	24,547	9,514	9,403	598	26	3,444	246	509	7	800
New Zealand	2012	5,577	2,139	1,352	562	..	1,051	288	..	..	185
	2013	5,342	2,052	1,336	553	..	959	291	..	..	151
	2014	5,208	1,996	1,269	512	..	968	279	..	..	184
	2015	5,612	2,150	1,444	485	..	1,069	286	..	..	178
Papua New Guinea	2012	1,044	463	13	139	256	119	..	10	15	*30
	2013	1,268	525	27	177	375	115	..	12	0	37
	2014	961	395	3	161	261	0	..	12	96	34
	2015	*1,016	*396	*10	*161	*261	*50	..	*13	*90	*35

Table 25

Production, trade and supply of oil products

Thousand metric tons

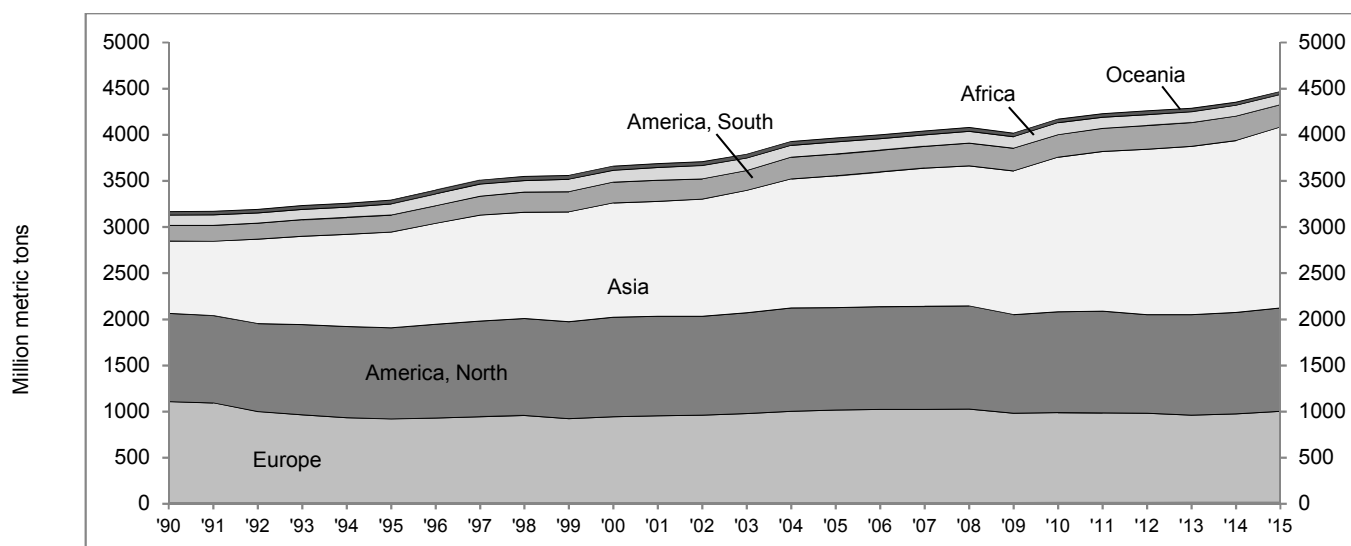
Table Notes

Production refers to the production from refineries and plants of all oil products, together with quantities from other sources which include any blended biofuels.

Imports, Exports, Bunkers and Changes in stocks refer to all oil products.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Figure 65: Production of oil products by region, 1990-2015



Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
World	2012	4,258,868	1,201,714	1,217,361	345,908	6,679	3,890,634	548
	2013	4,287,358	1,252,076	1,249,517	354,839	4,659	3,930,418	547
	2014	4,355,369	1,250,856	1,261,614	361,907	11,075	3,971,629	547
	2015	4,469,293	1,329,273	1,355,431	376,645	16,649	4,049,841	551
Africa	2012	118,610	85,777	31,861	13,217	2,413	156,896	143
	2013	118,032	94,075	37,010	12,538	1,519	161,041	143
	2014	118,774	109,238	46,210	12,247	1,114	168,441	146
	2015	111,065	113,569	42,009	12,631	-480	170,474	144
Algeria	2012	30,159	4,490	17,864	770	181	15,834	423
	2013	31,036	5,253	18,181	803	65	17,240	451
	2014	39,573	3,073	23,893	680	121	17,952	461
	2015	38,444	3,922	23,891	731	-61	17,805	449
Angola	2012	2,531	4,559	720	550	62	5,758	254
	2013	2,864	4,696	1,235	438	4	5,883	251
	2014	2,755	5,575	999	595	198	6,538	270
	2015	2,592	5,188	1,303	624	35	5,818	233
Benin	2012	..	1,461	69	51	2	1,339	133
	2013	..	1,497	74	..	12	1,411	137
	2014	..	1,587	79	..	44	1,464	138
	2015	..	1,764	83	..	34	1,647	151
Botswana	2012	..	924	..	12	..	912	428
	2013	..	972	..	13	..	959	441
	2014	..	1,009	..	11	..	998	450
	2015	..	850	..	*9	..	840	371
Burkina Faso	2012	..	792	..	31	*-10	770	46
	2013	..	959	..	43	*55	860	50
	2014	..	898	..	33	*-35	900	51
	2015	..	1,095	..	31	*91	973	54
Burundi	2012	..	80	..	4	-2	78	8
	2013	..	95	..	4	2	89	9
	2014	..	78	..	4	-1	75	7
	2015	..	65	..	3	0	63	6
Cabo Verde	2012	..	269	..	104	..	165	329
	2013	..	263	..	100	..	163	320
	2014	..	284	..	123	..	161	314
	2015	..	*271	..	*108	..	*163	*313
Cameroon	2012	1,740	603	599	118	0	1,626	75
	2013	1,242	472	305	124	0	1,285	58
	2014	1,713	607	411	131	..	1,778	78
	2015	1,789	636	411	139	..	1,875	80
Central African Rep.	2012	..	*128	..	*33	..	*96	*21
	2013	..	*128	..	*33	..	*94	*20
	2014	..	*129	..	*34	..	*96	*20
	2015	..	*130	..	*34	..	*97	*20
Chad	2012	..	*105	..	*18	..	*87	*7
	2013	..	*107	..	*18	..	*89	*7
	2014	..	*107	..	*18	..	*89	*7
	2015	..	*108	..	*18	..	*91	*6
Comoros	2012	..	*50	..	*3	..	*47	*65
	2013	..	*61	..	*3	..	*57	*76
	2014	..	*54	..	*3	..	*51	*66
	2015	..	*58	..	*3	..	*55	*70

Table 25

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Congo	2012	711	211	256	47	0	619	144
	2013	775	300	311	43	0	721	164
	2014	791	321	332	40	0	740	164
	2015	754	338	316	42	..	734	159
Côte d'Ivoire	2012	3,238	138	1,876	81	-48	1,467	70
	2013	3,290	201	1,795	73	-49	1,672	77
	2014	3,114	221	1,512	112	-58	1,769	80
	2015	3,177	267	1,475	197	-150	1,922	85
Dem. Rep. of the Congo	2012	..	860	..	139	..	721	10
	2013	..	1,251	..	151	..	1,100	15
	2014	..	1,697	..	226	..	1,471	20
	2015	..	985	..	122	..	863	11
Djibouti	2012	..	*300	*21	*102	..	*177	*208
	2013	..	*310	*21	*107	..	*182	*211
	2014	..	*316	*21	*109	..	*185	*211
	2015	..	*319	*21	*112	..	*186	*210
Egypt	2012	29,566	9,343	2,491	1,171	-102	35,349	413
	2013	25,511	12,334	2,025	812	0	35,008	400
	2014	26,730	14,843	1,563	828	-30	39,212	438
	2015	26,961	15,709	2,140	687	-28	39,871	436
Equatorial Guinea	2012	..	*238	..	*35	..	*203	*262
	2013	..	*238	..	*35	..	*203	*255
	2014	..	*238	..	*35	..	*203	*247
	2015	..	*233	..	*34	..	*199	*235
Eritrea	2012	..	176	..	1	0	175	36
	2013	..	178	..	1	0	177	35
	2014	..	188	..	1	0	187	37
	2015	..	196	..	1	..	195	37
Ethiopia	2012	..	2,433	..	318	35	2,080	23
	2013	..	2,855	..	350	15	2,490	26
	2014	..	3,268	..	391	-30	2,907	30
	2015	..	3,393	..	411	-6	2,988	30
Gabon	2012	770	518	242	277	-12	781	484
	2013	837	602	287	260	0	892	540
	2014	814	614	275	247	..	906	537
	2015	801	504	250	248	..	807	468
Gambia	2012	..	164	*2	*15	..	147	81
	2013	..	162	*2	*21	..	139	75
	2014	..	180	*2	*14	..	164	85
	2015	..	*184	*2	*14	..	*169	*85
Ghana	2012	474	2,641	99	217	0	2,800	110
	2013	424	3,014	40	179	137	3,083	118
	2014	129	3,462	10	121	76	3,383	126
	2015	89	3,718	10	105	-2	3,694	135
Guinea	2012	..	851	..	*25	..	826	71
	2013	..	741	..	*25	..	717	60
	2014	..	784	..	*25	..	759	62
	2015	..	873	..	*25	..	847	67
Guinea-Bissau	2012	..	*114	..	*11	..	*103	*60
	2013	..	*117	..	*11	..	*106	*60
	2014	..	*123	..	*12	..	*111	*62
	2015	..	*127	..	*12	..	*115	*62

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Kenya	2012	968	3,087	44	684	8	3,319	78
	2013	597	4,536	1,288	579	-17	3,283	75
	2014	0	13,326	9,715	227	0	3,385	75
	2015	0	9,677	5,323	305	0	4,050	88
Lesotho	2012	..	194	..	0	..	193	94
	2013	..	194	..	0	..	194	93
	2014	..	*209	..	0	..	*208	*99
	2015	..	229	..	0	..	229	107
Liberia	2012	..	323	..	*17	..	306	73
	2013	..	285	..	*17	..	268	63
	2014	..	376	..	*17	..	359	82
	2015	..	376	..	*14	..	363	81
Libya	2012	9,250	4,710	1,640	566	0	11,754	1,871
	2013	11,760	5,394	4,154	397	0	12,603	2,011
	2014	5,360	7,828	723	214	0	12,251	1,957
	2015	4,871	8,144	966	*146	..	11,903	1,896
Madagascar	2012	..	747	..	*62	29	656	29
	2013	..	728	..	*52	1	675	29
	2014	..	*800	..	*57	*1	*742	*31
	2015	..	905	..	*59	*1	845	35
Malawi	2012	..	282	..	*7	..	275	18
	2013	..	291	..	*7	..	284	18
	2014	..	295	..	*7	..	288	17
	2015	..	223	..	*7	..	216	13
Mali	2012	..	*792	..	*43	..	*749	*47
	2013	..	*852	..	*45	..	*807	*49
	2014	..	*914	..	*45	..	*869	*51
	2015	..	*991	..	*47	..	*944	*54
Mauritania	2012	..	791	..	23	..	768	203
	2013	..	694	..	20	..	673	174
	2014	..	842	..	21	..	821	207
	2015	..	*833	..	*23	..	*810	*199
Mauritius	2012	..	1,148	..	376	-20	792	630
	2013	..	1,249	..	386	48	815	645
	2014	..	1,183	..	410	-63	836	659
	2015	..	1,281	..	425	15	841	661
Mayotte	2012	..	99	..	7	..	92	415
	2013	..	102	..	6	..	96	422
	2014	..	109	..	7	..	103	439
	2015	..	115	..	7	..	108	450
Morocco	2012	7,494	10,755	1,041	621	2,071	14,516	433
	2013	7,084	10,124	1,319	688	1,132	14,069	414
	2014	6,593	9,713	1,155	743	1,355	13,053	379
	2015	3,155	10,773	438	767	528	12,195	354
Mozambique	2012	..	820	..	65	0	755	29
	2013	..	1,337	..	70	*238	1,029	39
	2014	..	1,910	..	120	-10	1,800	66
	2015	..	1,171	..	*45	-21	1,146	41
Namibia	2012	..	995	..	*39	0	956	417
	2013	..	776	..	*20	*12	744	317
	2014	..	1,157	4	47	..	1,106	460
	2015	..	1,232	4	49	..	1,179	479

Table 25

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Niger	2012	545	31	159	12	0	406	23
	2013	808	35	370	22	-1	451	25
	2014	725	56	*278	31	*-1	472	25
	2015	637	106	*239	41	0	464	23
Nigeria	2012	5,011	8,597	703	576	241	12,088	72
	2013	5,168	8,178	743	710	34	11,859	69
	2014	3,477	7,898	557	679	-401	10,540	59
	2015	1,607	9,803	121	714	-959	11,534	63
Réunion	2012	..	792	..	*63	-22	752	891
	2013	..	764	..	*56	-10	719	847
	2014	..	806	..	*57	-28	778	909
	2015	..	858	..	*62	2	794	922
Rwanda	2012	..	253	..	*20	..	233	22
	2013	..	270	..	*19	..	252	23
	2014	..	280	..	*20	..	260	23
	2015	..	310	..	*23	..	287	25
Sao Tome and Principe	2012	..	*46	..	*10	..	*36	*203
	2013	..	*46	..	*10	..	*36	*198
	2014	..	*46	..	*10	..	*36	*194
	2015	..	*48	..	*10	..	*38	*198
Senegal	2012	768	1,131	104	268	-40	1,567	114
	2013	764	1,248	174	317	-42	1,563	110
	2014	784	1,437	178	331	-19	1,731	118
	2015	835	1,525	189	353	-21	1,839	122
Seychelles	2012	..	326	..	189	..	137	1,451
	2013	..	293	..	185	..	109	1,140
	2014	..	343	..	*203	..	140	1,457
	2015	..	355	..	*206	..	149	1,543
Sierra Leone	2012	..	294	..	*8	..	286	47
	2013	..	350	..	*8	..	343	55
	2014	..	385	..	*8	..	377	60
	2015	..	*307	..	*6	..	*301	*47
Somalia	2012	..	*265	..	67	..	*198	*20
	2013	..	*265	..	67	..	*198	*19
	2014	..	*265	..	67	..	*198	*19
	2015	..	*265	..	67	..	*198	*18
South Africa	2012	19,002	7,423	2,690	4,371	..	19,364	366
	2013	19,767	7,952	3,490	4,239	..	19,990	374
	2014	19,701	7,739	3,329	4,097	..	20,014	371
	2015	19,039	10,314	3,764	4,578	..	21,011	386
South Sudan	2012	..	465	..	31	..	434	40
	2013	..	492	..	36	..	456	40
	2014	..	509	..	37	..	472	40
	2015	..	343	..	25	..	318	26
St. Helena and Depend.	2012	..	4	..	..	..	4	905
	2013	..	4	..	..	..	4	880
	2014	..	*3	..	..	..	*3	*845
	2015	..	*3	..	..	..	*3	*783
Sudan	2012	3,905	1,119	259	238	*4	4,523	120
	2013	3,734	1,144	256	*211	*-19	4,430	115
	2014	4,065	1,050	318	264	0	4,533	115
	2015	4,261	1,075	367	271	0	4,698	117

Table 25

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Swaziland	2012	..	*224	..	*1	..	*224	*182
	2013	..	*229	..	*1	..	*228	*182
	2014	..	238	..	*1	..	237	187
	2015	..	*241	..	*1	..	*241	*187
Togo	2012	..	561	..	85	-41	517	77
	2013	..	578	..	89	-42	531	77
	2014	..	596	..	94	-44	546	77
	2015	..	616	..	100	-78	594	81
Tunisia	2012	1,861	3,109	941	294	76	3,660	336
	2013	1,783	3,090	890	294	-56	3,745	340
	2014	1,791	3,539	835	279	39	4,177	375
	2015	1,448	4,168	680	205	141	4,591	408
Uganda	2012	..	1,164	..	110	..	1,054	30
	2013	..	1,211	..	*92	..	1,118	31
	2014	..	1,335	..	115	..	1,220	32
	2015	..	1,463	..	83	..	1,380	35
United Rep. of Tanzania	2012	..	2,228	..	174	..	2,054	42
	2013	..	2,804	..	186	..	2,618	52
	2014	..	2,772	..	199	..	2,573	50
	2015	..	3,196	..	213	..	2,983	56
Zambia	2012	616	323	41	50	..	848	57
	2013	589	386	50	50	..	875	57
	2014	659	382	21	39	..	981	62
	2015	605	467	17	44	..	1,011	62
Zimbabwe	2012	..	1,230	..	10	..	1,220	84
	2013	..	1,366	..	10	..	1,356	91
	2014	..	1,243	..	11	..	1,232	81
	2015	..	1,222	..	25	..	1,197	77
America, North	2012	1,071,076	176,725	188,587	48,939	-7,280	1,017,556	1,824
	2013	1,089,264	174,339	200,379	51,007	-1,402	1,013,618	1,800
	2014	1,098,503	165,134	203,871	49,810	1,152	1,008,804	1,774
	2015	1,121,238	183,038	232,808	49,764	4,995	1,016,709	1,772
Anguilla	2012	..	*45	..	..	..	*45	*3,205
	2013	..	*39	..	..	..	*39	*2,692
	2014	..	*45	..	..	..	*45	*3,112
	2015	..	*50	..	..	..	*50	*3,428
Antigua and Barbuda	2012	..	*230	*4	49	..	*177	*1,982
	2013	..	*230	*4	*49	..	*177	*1,961
	2014	..	*233	*4	*51	..	*178	*1,955
	2015	..	*239	*4	*53	..	*182	*1,982
Aruba	2012	*2,440	*392	*2,440	*92	..	*300	*2,929
	2013	0	*374	0	*93	..	*281	*2,733
	2014	0	*380	0	*94	..	*286	*2,763
	2015	0	*389	0	*96	..	*293	*2,822
Bahamas	2012	..	880	..	*245	..	634	1,703
	2013	..	1,260	*1	*216	*100	944	2,498
	2014	..	887	*1	*211	*-100	774	2,021
	2015	..	*851	1	*204	*-125	*771	*1,987
Barbados	2012	..	555	..	*114	1	439	1,561
	2013	..	560	..	*128	1	431	1,526
	2014	..	490	..	*126	-8	372	1,312
	2015	..	519	..	*126	22	370	1,303

Table 25

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Belize	2012	1	152	..	11	..	143	423
	2013	1	166	..	14	..	153	444
	2014	1	162	..	12	..	151	429
	2015	1	187	..	12	..	176	490
Bermuda	2012	..	178	..	*21	*36	121	1,910
	2013	..	182	..	*21	-5	166	2,650
	2014	..	234	..	*25	-3	212	3,391
	2015	..	197	..	*23	-9	183	2,947
Bonaire, St Eustatius, Saba	2012	..	*333	..	*216	..	*117	*5,103
	2013	..	*342	..	*222	..	*120	*5,074
	2014	..	*342	..	*222	..	*120	*4,944
	2015	..	*346	..	*224	..	*122	*4,899
British Virgin Islands	2012	..	*57	..	..	..	*57	*1,989
	2013	..	*57	..	..	..	*57	*1,951
	2014	..	*58	..	..	..	*58	*1,947
	2015	..	*58	..	..	..	*58	*1,919
Canada	2012	95,194	12,376	22,643	1,370	-49	83,606	2,398
	2013	93,719	12,288	24,528	1,226	-531	80,784	2,293
	2014	88,744	11,262	22,268	1,148	756	75,834	2,131
	2015	90,196	11,826	22,211	991	-768	79,588	2,214
Cayman Islands	2012	..	190	..	*12	..	178	3,094
	2013	..	187	..	10	..	177	3,032
	2014	..	190	..	10	..	180	3,036
	2015	..	201	..	18	..	183	3,056
Costa Rica	2012	..	2,283	9	*161	-17	2,129	458
	2013	..	2,380	4	*150	-5	2,233	474
	2014	..	2,461	1	*151	36	2,273	478
	2015	..	2,346	1	*165	12	2,169	451
Cuba	2012	5,107	3,142	1,469	*148	..	6,632	585
	2013	5,138	3,080	1,746	*138	..	6,334	557
	2014	4,877	3,158	1,850	*147	..	6,038	531
	2015	4,526	3,265	*1,161	*140	..	6,490	570
Curaçao	2012	8,619	2,982	7,851	1,647	..	2,103	13,779
	2013	9,044	2,924	8,315	1,662	..	1,991	12,903
	2014	9,574	2,606	8,742	1,691	..	1,747	11,216
	2015	9,062	2,662	8,193	1,662	..	1,869	11,889
Dominica	2012	..	53	..	*2	-1	53	737
	2013	..	*51	..	*2	*-1	*51	*702
	2014	..	*54	..	*2	*-1	*54	*745
	2015	..	*60	..	*2	*-1	*59	*812
Dominican Republic	2012	1,163	4,477	..	419	0	5,221	514
	2013	1,295	4,213	..	426	-9	5,090	495
	2014	1,278	4,027	..	465	18	4,823	463
	2015	764	5,255	..	490	-8	5,538	526
El Salvador	2012	575	1,506	0	83	12	1,986	327
	2013	0	2,011	11	144	3	1,853	304
	2014	0	2,061	17	152	-13	1,905	312
	2015	0	2,234	17	151	-24	2,090	341
Greenland	2012	..	205	..	22	-2	185	3,280
	2013	..	200	..	16	3	181	3,220
	2014	..	176	..	17	-7	166	2,953
	2015	..	191	..	7	15	169	3,005

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Grenada	2012	..	86	..	4	-6	87	829
	2013	..	104	..	4	0	100	940
	2014	..	85	..	6	0	79	745
	2015	..	86	..	6	-6	85	799
Guadeloupe	2012	..	611	..	*111	..	499	1,083
	2013	..	603	..	*96	..	507	1,094
	2014	..	587	..	*102	..	485	1,041
	2015	..	640	..	*105	..	536	1,143
Guatemala	2012	71	3,334	84	342	33	2,946	192
	2013	59	3,406	165	362	-82	3,020	192
	2014	72	3,847	267	365	81	3,207	200
	2015	66	4,280	363	426	92	3,466	212
Haiti	2012	..	761	..	52	..	709	69
	2013	..	807	..	89	-21	739	71
	2014	..	911	..	34	-10	887	84
	2015	..	949	..	22	0	927	87
Honduras	2012	..	2,855	377	50	0	2,428	314
	2013	..	2,910	414	42	0	2,454	313
	2014	..	2,882	394	67	-215	2,636	331
	2015	..	2,715	407	84	-637	2,861	354
Jamaica	2012	1,218	1,542	233	244	-1	2,283	826
	2013	1,171	1,673	198	228	-31	2,448	883
	2014	963	1,688	185	214	19	2,233	802
	2015	1,194	1,497	41	387	6	2,257	808
Martinique	2012	*858	*66	*133	*139	..	*652	*1,650
	2013	*867	*64	*133	*139	..	*658	*1,664
	2014	*904	*66	*145	*145	..	*680	*1,716
	2015	*898	*66	*144	*143	..	*676	*1,704
Mexico	2012	70,090	31,618	7,508	3,643	138	90,419	741
	2013	72,657	28,019	9,217	3,654	-231	88,036	711
	2014	69,433	29,085	10,067	3,860	-148	84,739	676
	2015	63,692	33,449	9,821	4,079	-544	83,785	660
Montserrat	2012	..	14	..	*1	*-1	13	2,684
	2013	..	18	..	*1	0	17	3,338
	2014	..	17	..	*1	0	16	3,043
	2015	..	19	..	*1	0	18	3,415
Nicaragua	2012	518	925	19	21	-4	1,407	239
	2013	690	752	20	20	-5	1,407	237
	2014	688	785	15	22	-39	1,475	245
	2015	702	942	20	25	-64	1,663	273
Panama	2012	..	6,359	1	*3,917	-234	2,675	715
	2013	..	6,662	3	3,822	-288	3,125	821
	2014	..	6,228	3	3,609	-351	2,966	767
	2015	..	6,173	3	3,714	-512	2,969	756
Sint Maarten (Dutch part)	2012	..	*498	..	*235	..	*263	*7,486
	2013	..	*506	..	*237	..	*269	*7,374
	2014	..	*515	..	*240	..	*275	*7,285
	2015	..	*533	..	*248	..	*284	*7,335
St. Kitts-Nevis	2012	..	79	..	5	1	73	1,369
	2013	..	*78	..	*5	..	*74	*1,355
	2014	..	*79	..	*5	..	*75	*1,358
	2015	..	*81	..	*5	..	*76	*1,375

Table 25

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
St. Lucia	2012	..	141	..	*6	..	134	743
	2013	..	140	..	*6	..	134	735
	2014	..	142	..	*6	..	135	737
	2015	..	142	..	*6	..	136	736
St. Pierre-Miquelon	2012	..	*29	..	*6	..	*23	*3,633
	2013	..	*30	..	*6	..	*24	*3,745
	2014	..	*31	..	*6	..	*25	*4,013
	2015	..	*31	..	*6	..	*25	*4,008
St. Vincent-Grenadines	2012	..	83	..	0	..	83	756
	2013	..	68	..	0	..	68	620
	2014	..	*72	..	0	..	*72	*662
	2015	..	*73	..	0	..	*73	*668
Trinidad and Tobago	2012	6,676	380	5,093	627	-103	1,439	1,073
	2013	7,845	77	5,583	829	-18	1,528	1,133
	2014	6,448	68	4,568	672	-174	1,450	1,071
	2015	7,380	0	4,875	781	165	1,559	1,146
Turks and Caicos Islands	2012	..	*60	..	..	..	*60	*1,850
	2013	..	*61	..	..	..	*61	*1,828
	2014	..	*65	..	..	..	*65	*1,926
	2015	..	*67	..	..	..	*67	*1,951
United States	2012	878,546	97,251	140,723	34,923	-7,084	807,235	2,564
	2013	896,778	97,819	150,037	36,950	-281	807,891	2,547
	2014	915,521	89,155	155,344	35,932	1,311	812,089	2,542
	2015	942,757	100,419	185,546	35,362	7,381	814,887	2,532
America, South	2012	255,825	55,234	46,704	14,402	-2,054	252,006	621
	2013	256,191	56,997	43,120	14,451	-1,103	256,721	626
	2014	261,533	57,762	40,138	14,601	2,257	262,299	633
	2015	241,235	53,152	32,969	14,004	59	247,354	591
Argentina	2012	34,580	4,751	2,076	2,419	-135	34,971	831
	2013	32,569	6,527	1,359	2,635	26	35,076	825
	2014	33,004	6,647	2,002	2,432	389	34,828	810
	2015	33,954	5,747	1,584	1,773	-411	36,755	847
Bolivia (Plur. State of)	2012	2,694	975	318	42	16	3,293	322
	2013	2,705	952	395	52	-12	3,222	310
	2014	2,948	1,056	446	59	-6	3,505	332
	2015	3,227	972	498	68	8	3,625	338
Brazil	2012	109,876	24,842	6,248	6,045	-1,330	123,755	611
	2013	118,174	24,064	7,050	5,725	-1,116	130,579	639
	2014	122,557	25,386	6,671	5,962	-117	135,427	657
	2015	116,031	21,698	5,922	6,597	-377	125,587	604
Chile	2012	9,032	7,483	852	840	-171	14,994	862
	2013	9,415	7,386	913	806	16	15,066	857
	2014	9,617	6,999	547	821	29	15,219	857
	2015	9,685	7,215	488	665	47	15,700	875
Colombia	2012	16,003	3,219	5,058	*1,389	74	12,701	271
	2013	15,201	3,665	5,155	1,809	293	11,608	245
	2014	15,929	4,598	4,485	1,913	2,318	11,811	247
	2015	11,195	2,877	2,229	1,535	888	9,421	195
Ecuador	2012	8,377	5,122	2,354	764	-5	10,386	674
	2013	7,848	5,811	1,945	769	41	10,904	696
	2014	7,150	6,789	*1,377	703	-59	11,919	750
	2015	6,840	6,689	1,398	684	74	11,372	704

Table 25

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Falkland Is. (Malvinas)	2012	..	*14	..	..	..	*14	*4,750
	2013	..	*14	..	..	..	*14	*4,727
	2014	..	*14	..	..	..	*14	*4,704
	2015	..	*14	..	..	..	*14	*4,719
French Guiana	2012	..	*214	..	33	..	*181	*733
	2013	..	*237	..	32	..	*205	*807
	2014	..	*252	..	30	..	*222	*847
	2015	..	*240	..	*30	..	*210	*781
Guyana	2012	..	657	..	15	-8	650	857
	2013	..	641	..	10	-1	632	830
	2014	..	665	..	9	0	656	858
	2015	..	661	..	13	8	641	835
Paraguay	2012	118	1,692	..	27	49	1,734	272
	2013	138	1,572	..	32	-107	1,785	276
	2014	149	1,787	..	37	20	1,878	287
	2015	174	1,933	..	33	8	2,066	311
Peru	2012	12,285	2,736	4,171	877	-997	10,970	364
	2013	13,078	3,047	5,003	722	-1,140	11,540	378
	2014	12,869	2,579	3,157	796	395	11,100	358
	2015	11,317	3,165	2,916	777	-83	10,872	346
Suriname	2012	316	475	597	*80	..	114	215
	2013	379	472	702	*69	..	81	152
	2014	200	468	688	*77	..	-97	-181
	2015	396	494	762	*76	..	53	97
Uruguay	2012	1,985	1,299	82	375	58	2,768	815
	2013	2,105	616	23	301	-12	2,409	707
	2014	1,976	523	23	293	58	2,126	622
	2015	2,007	437	1	270	-52	2,227	649
Venezuela (Bolivar. Rep.)	2012	60,560	1,754	24,948	1,497	395	35,474	1,188
	2013	54,579	1,993	20,575	1,488	909	33,600	1,110
	2014	55,133	..	20,741	1,470	-770	33,692	1,098
	2015	46,408	1,010	17,172	1,484	-50	28,812	926
Asia	2012	1,792,816	494,146	477,441	159,676	17,008	1,632,838	383
	2013	1,823,835	523,909	489,230	166,808	6,517	1,685,188	391
	2014	1,864,154	518,433	494,146	166,521	7,011	1,714,910	394
	2015	1,960,140	555,944	534,956	179,912	5,743	1,795,474	409
Afghanistan	2012	..	*2,222	..	10	..	*2,212	*74
	2013	..	1,579	..	*10	..	1,569	51
	2014	..	1,248	..	*10	..	1,238	39
	2015	..	1,548	..	*10	..	1,538	47
Armenia	2012	..	384	..	*47	..	337	113
	2013	..	364	..	*46	..	318	106
	2014	..	356	0	*40	..	315	105
	2015	..	333	0	*31	..	301	100
Azerbaijan	2012	6,056	44	1,795	457	32	3,815	408
	2013	6,375	120	1,844	460	124	4,068	428
	2014	6,536	277	2,356	421	3	4,033	419
	2015	6,387	281	2,330	315	-187	4,210	432
Bahrain	2012	13,466	*630	11,643	563	68	1,822	1,366
	2013	13,312	*628	11,727	402	-21	1,832	1,358
	2014	13,360	*546	11,828	395	-91	1,774	1,303
	2015	13,446	*550	11,819	436	-88	1,829	1,328

Table 25

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Bangladesh	2012	1,287	3,785	114	401	-289	4,846	31
	2013	1,493	3,855	101	412	163	4,672	30
	2014	1,359	4,290	80	423	113	5,033	32
	2015	1,432	4,039	40	446	178	4,807	30
Bhutan	2012	..	138	..	2	..	137	184
	2013	..	146	..	*3	..	143	190
	2014	..	136	..	*3	..	133	174
	2015	..	146	..	*3	..	143	184
Brunei Darussalam	2012	434	360	12	146	-6	642	1,583
	2013	501	286	9	163	8	607	1,475
	2014	397	373	15	143	15	597	1,430
	2015	486	313	..	174	5	620	1,465
Cambodia	2012	..	1,678	..	65	..	1,613	109
	2013	..	1,677	..	74	..	1,603	106
	2014	..	1,737	..	86	..	1,651	108
	2015	..	1,949	..	91	..	1,858	119
China	2012	496,858	59,861	28,402	14,855	11,651	501,812	370
	2013	526,665	60,906	32,767	14,102	7,527	533,176	391
	2014	564,104	46,660	34,190	14,112	8,711	553,751	404
	2015	603,236	52,760	40,869	16,790	2,643	595,694	433
China, Hong Kong SAR	2012	..	19,256	867	15,348	-270	3,311	466
	2013	..	19,419	627	15,787	-261	3,266	456
	2014	..	17,898	513	14,934	-757	3,208	444
	2015	..	21,601	705	16,354	1,038	3,504	481
China, Macao SAR	2012	..	436	..	*61	2	373	669
	2013	..	397	..	*64	8	325	572
	2014	..	405	..	66	-4	343	594
	2015	..	633	..	68	24	541	921
Cyprus	2012	..	2,618	0	461	30	2,127	1,883
	2013	..	2,324	0	475	23	1,826	1,599
	2014	..	2,292	0	464	-49	1,877	1,627
	2015	..	2,460	23	477	69	1,891	1,623
Georgia	2012	7	1,021	3	37	-1	989	239
	2013	0	1,074	15	85	5	969	237
	2014	0	1,132	18	80	4	1,030	255
	2015	12	1,357	111	70	11	1,178	294
India	2012	231,492	17,183	68,459	4,719	*4,714	170,783	135
	2013	231,188	16,717	69,960	5,152	-160	172,953	135
	2014	236,361	19,487	62,892	*5,141	-1,916	189,731	146
	2015	246,200	38,100	63,358	*5,791	-1,298	216,449	165
Indonesia	2012	46,773	37,531	4,927	924	36	78,417	316
	2013	48,949	38,328	5,043	1,249	..	80,985	322
	2014	46,974	39,458	6,161	1,586	..	78,686	309
	2015	44,286	37,929	4,926	1,112	..	76,176	296
Iran (Islamic Rep. of)	2012	102,918	742	12,828	3,091	..	87,742	1,152
	2013	107,872	1,697	13,946	4,285	..	91,338	1,184
	2014	106,303	2,185	12,468	4,982	..	91,039	1,165
	2015	105,343	2,886	19,207	6,189	..	82,833	1,047
Iraq	2012	29,711	11,426	118	498	80	40,441	1,227
	2013	30,509	12,154	561	574	-104	41,632	1,221
	2014	24,992	13,970	388	715	-97	37,956	1,076
	2015	20,489	12,117	454	751	-1,218	32,619	896

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Israel	2012	11,720	6,542	3,446	1,111	88	13,617	1,770
	2013	13,923	6,106	6,320	1,322	180	12,207	1,561
	2014	14,073	4,748	6,515	937	153	11,216	1,413
	2015	13,927	4,749	6,142	1,129	-67	11,472	1,423
Japan	2012	173,985	50,572	12,762	10,058	1,953	199,784	1,571
	2013	177,317	45,575	16,565	10,095	-1,309	197,541	1,556
	2014	166,403	44,190	15,080	9,500	-355	186,368	1,470
	2015	167,210	42,854	17,642	10,297	-545	182,670	1,443
Jordan	2012	3,537	3,598	..	147	176	6,811	974
	2013	3,146	3,290	..	*141	-204	6,499	901
	2014	3,075	4,510	..	129	65	7,391	997
	2015	3,174	3,180	..	97	22	6,235	821
Kazakhstan	2012	14,841	2,428	6,387	197	291	10,394	618
	2013	15,083	2,573	6,328	164	210	10,954	641
	2014	15,977	1,912	6,759	226	630	10,274	591
	2015	14,599	1,631	4,337	306	-498	12,085	686
Korea, Dem.Ppl's.Rep.	2012	508	300	..	..	..	808	33
	2013	561	311	..	..	..	872	35
	2014	515	319	..	..	..	834	33
	2015	515	441	..	..	..	956	38
Korea, Republic of	2012	138,924	35,812	57,053	12,187	-314	105,810	2,133
	2013	133,935	39,088	55,186	12,213	1,537	104,087	2,088
	2014	137,411	39,033	57,319	12,362	380	106,383	2,124
	2015	148,806	36,494	60,906	13,414	-199	111,179	2,211
Kuwait	2012	47,188	..	30,318	1,743	-468	15,595	4,561
	2013	47,807	..	31,184	1,753	-484	15,354	4,272
	2014	48,015	..	31,551	1,854	-486	15,096	4,022
	2015	49,467	..	31,307	2,086	314	15,760	4,049
Kyrgyzstan	2012	81	1,720	86	30	80	1,605	284
	2013	77	1,627	141	48	-96	1,611	280
	2014	144	1,485	123	4	11	1,491	255
	2015	320	1,593	103	103	121	1,586	267
Lao People's Dem. Rep.	2012	..	792	..	*12	..	780	120
	2013	..	*810	..	*29	..	*781	*119
	2014	..	822	..	33	..	789	118
	2015	..	*827	..	*35	..	*792	*117
Lebanon	2012	..	6,621	..	237	..	6,384	1,296
	2013	..	6,590	..	289	..	6,301	1,192
	2014	..	7,054	..	260	..	6,794	1,211
	2015	..	7,158	..	263	..	6,895	1,178
Malaysia	2012	27,501	12,922	13,104	1,765	-915	26,470	912
	2013	25,613	18,856	11,837	2,674	1,665	28,292	960
	2014	25,023	15,494	10,329	2,656	-1,391	28,923	967
	2015	25,048	13,805	10,093	2,777	-894	26,877	886
Maldives	2012	..	482	..	118	..	365	1,057
	2013	..	505	..	*146	..	360	1,024
	2014	..	677	..	*245	..	432	1,208
	2015	..	511	..	*79	..	431	1,186
Mongolia	2012	..	1,134	..	..	..	1,134	404
	2013	..	1,197	..	..	..	1,197	419
	2014	..	1,106	..	..	..	1,106	380
	2015	..	1,096	..	..	..	1,096	370

Table 25

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Myanmar	2012	660	1,402	..	36	15	2,012	38
	2013	519	1,859	..	39	19	2,320	44
	2014	529	3,571	..	40	-706	4,765	89
	2015	512	3,488	..	45	-87	4,042	75
Nepal	2012	..	1,289	..	*94	..	1,195	43
	2013	..	1,431	..	*94	..	1,337	48
	2014	..	1,650	..	*139	*-1	1,512	54
	2015	..	1,126	..	93	..	1,033	36
Oman	2012	10,127	309	1,872	1,204	42	7,318	2,064
	2013	9,428	706	1,367	1,257	-97	7,607	1,947
	2014	10,844	43	1,373	1,687	-45	7,872	1,858
	2015	11,098	45	1,439	1,795	-37	7,946	1,769
Other Asia	2012	45,973	12,758	16,103	3,245	420	38,963	1,672
	2013	43,382	15,527	16,712	3,412	-782	39,567	1,695
	2014	42,658	17,130	16,632	3,562	15	39,579	1,694
	2015	42,694	16,839	16,249	3,643	-391	40,032	1,712
Pakistan	2012	10,593	10,557	708	784	*-154	19,812	112
	2013	11,699	11,594	919	824	*-139	21,689	120
	2014	12,057	13,493	1,056	723	634	23,137	125
	2015	12,929	13,128	1,135	757	*106	24,059	127
Philippines	2012	7,954	6,881	650	1,285	75	12,825	134
	2013	7,384	7,853	634	1,282	-222	13,543	139
	2014	7,843	8,852	700	1,147	794	14,054	142
	2015	9,839	9,891	1,393	1,260	530	16,547	164
Qatar	2012	24,966	0	20,909	1,797	-301	2,561	1,271
	2013	24,177	125	20,402	1,988	352	1,560	742
	2014	24,317	12	20,421	1,254	671	1,983	913
	2015	23,515	602	18,120	1,209	2,512	2,276	1,018
Saudi Arabia	2012	144,697	16,579	60,335	5,463	-748	96,226	3,262
	2013	136,824	24,291	57,869	5,293	-1,080	99,033	3,279
	2014	154,500	23,591	65,041	5,518	730	106,802	3,458
	2015	175,301	31,753	74,227	5,817	410	126,599	4,014
Singapore	2012	52,148	98,483	83,112	49,086	391	18,043	3,405
	2013	49,222	103,059	83,206	49,375	-240	19,940	3,689
	2014	45,521	104,293	84,391	49,158	105	16,160	2,935
	2015	44,437	114,131	89,919	52,052	1,016	15,582	2,781
Sri Lanka	2012	1,494	3,433	0	659	34	4,233	207
	2013	1,569	2,606	139	614	-441	3,864	188
	2014	1,686	2,817	21	797	-503	4,189	203
	2015	1,615	2,972	207	732	-786	4,434	214
State of Palestine	2012	..	723	0	..	0	723	168
	2013	..	814	0	..	0	813	184
	2014	..	890	0	..	-54	944	208
	2015	..	991	0	..	0	991	212
Syrian Arab Republic	2012	8,390	2,749	847	511	0	9,781	490
	2013	5,525	3,408	543	471	0	7,919	410
	2014	5,486	1,760	560	256	0	6,430	343
	2015	5,467	1,613	560	189	..	6,331	342
Tajikistan	2012	26	625	*9	33	..	609	77
	2013	21	667	*4	55	..	629	78
	2014	21	889	*4	61	..	845	102
	2015	*21	879	*12	54	..	834	98

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Thailand	2012	54,118	2,356	10,551	*3,342	*-183	42,764	637
	2013	58,945	4,841	12,416	4,412	413	46,545	690
	2014	56,762	6,451	11,749	4,655	438	46,371	685
	2015	61,955	5,416	13,602	4,938	2,368	46,463	684
Timor-Leste	2012	..	*98	..	*3	..	*95	*86
	2013	..	*148	..	*3	..	*145	*128
	2014	..	*170	..	*3	..	*167	*144
	2015	..	*167	..	*3	..	*164	*138
Turkey	2012	23,913	20,197	7,626	1,190	567	34,727	464
	2013	24,675	21,413	7,361	2,232	-54	36,549	479
	2014	22,665	22,358	6,951	3,572	2	34,498	445
	2015	30,956	23,315	7,588	4,337	666	41,680	530
Turkmenistan	2012	8,366	..	2,141	415	..	5,810	1,123
	2013	8,639	..	2,290	455	..	5,894	1,125
	2014	9,181	..	2,554	470	..	6,157	1,160
	2015	9,224	..	2,554	470	..	6,200	1,154
United Arab Emirates	2012	41,314	19,194	17,735	*20,299	..	22,474	2,510
	2013	43,981	*21,596	18,331	*21,713	..	25,533	2,824
	2014	46,540	*21,856	21,420	20,625	..	26,351	2,900
	2015	55,529	21,756	31,270	21,648	..	24,367	2,661
Uzbekistan	2012	3,204	..	211	..	..	2,993	105
	2013	3,058	..	213	..	..	2,845	98
	2014	2,864	..	200	..	..	2,664	90
	2015	2,778	..	194	..	..	2,584	86
Viet Nam	2012	5,735	10,652	1,689	810	-89	13,977	155
	2013	6,818	9,242	1,261	880	-22	13,941	153
	2014	6,434	10,792	1,180	889	-7	15,164	164
	2015	6,899	12,488	1,509	1,101	6	16,771	179
Yemen	2012	1,850	3,622	620	130	..	4,722	190
	2013	3,645	4,529	1,402	194	..	6,578	258
	2014	3,223	4,015	1,307	157	..	5,774	221
	2015	989	2,005	605	76	..	2,313	86
Europe	2012	981,105	367,117	469,396	104,299	-3,571	778,099	1,056
	2013	961,038	377,882	476,526	104,593	-907	758,708	1,029
	2014	976,246	373,829	474,339	112,940	-69	762,864	1,034
	2015	1,002,127	394,741	510,074	114,450	6,156	766,188	1,035
Albania	2012	111	977	20	*8	0	1,060	368
	2013	40	1,496	34	28	235	1,239	430
	2014	336	1,465	152	27	308	1,314	455
	2015	288	1,193	171	22	109	1,179	407
Andorra	2012	..	159	..	0	..	159	2,009
	2013	..	156	..	0	..	156	2,052
	2014	..	151	..	0	..	151	2,073
	2015	..	152	..	0	..	152	2,153
Austria	2012	9,085	6,205	2,499	679	-25	12,137	1,435
	2013	9,217	6,162	2,575	649	-110	12,265	1,445
	2014	9,224	6,013	2,555	647	-63	12,098	1,420
	2015	9,467	6,071	2,683	693	89	12,073	1,413
Belarus	2012	21,375	6,561	17,652	..	62	10,222	1,077
	2013	20,880	68	13,982	100	44	6,822	718
	2014	21,973	96	14,170	110	20	7,769	818
	2015	22,678	1,165	17,310	111	-85	6,507	685

Table 25

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Belgium	2012	35,966	22,515	26,343	7,610	-115	24,643	2,224
	2013	33,454	28,408	26,946	7,651	576	26,689	2,393
	2014	36,712	25,375	29,108	6,888	270	25,821	2,300
	2015	36,715	27,440	28,705	7,409	1,124	26,917	2,382
Bosnia and Herzegovina	2012	1,079	714	203	5	0	1,585	414
	2013	965	727	289	4	23	1,376	360
	2014	989	744	321	4	5	1,403	368
	2015	919	883	259	6	72	1,465	384
Bulgaria	2012	6,425	2,204	4,129	223	-60	4,337	594
	2013	6,443	2,687	4,429	246	154	4,301	593
	2014	6,129	2,964	4,020	247	10	4,816	669
	2015	6,681	2,883	4,448	259	54	4,803	672
Croatia	2012	3,749	1,641	1,558	105	4	3,723	868
	2013	3,398	1,514	1,540	115	-90	3,347	784
	2014	2,989	2,023	1,549	115	-153	3,501	823
	2015	3,381	2,140	1,858	111	1	3,551	837
Czechia	2012	7,990	3,011	1,685	284	-36	9,068	860
	2013	7,359	3,353	1,759	274	-63	8,742	829
	2014	8,330	3,381	2,012	283	41	9,375	889
	2015	7,973	3,903	2,465	285	12	9,114	864
Denmark	2012	7,684	6,262	6,494	1,331	-219	6,340	1,132
	2013	7,243	7,619	7,197	1,439	277	5,949	1,058
	2014	6,944	8,435	7,731	1,618	375	5,655	1,001
	2015	9,171	9,739	8,954	1,622	753	7,581	1,337
Estonia	2012	..	2,272	888	447	2	935	706
	2013	..	1,680	228	460	31	961	728
	2014	..	1,903	552	371	17	963	732
	2015	..	1,703	371	321	8	1,003	764
Faeroe Islands	2012	..	*223	..	30	..	*193	*3,990
	2013	..	*245	..	24	..	*221	*4,576
	2014	..	*218	..	23	..	*195	*4,036
	2015	..	*229	..	31	..	*198	*4,118
Finland	2012	14,705	4,779	7,597	720	-414	11,581	2,135
	2013	15,184	6,094	9,051	747	689	10,791	1,979
	2014	14,840	5,773	8,502	704	-70	11,477	2,094
	2015	13,408	5,296	6,765	923	349	10,667	1,938
France	2012	65,225	43,273	19,928	7,917	-867	81,520	1,282
	2013	62,013	41,411	18,822	7,650	-21	76,973	1,205
	2014	62,336	41,287	18,775	7,369	351	77,128	1,202
	2015	64,198	40,947	20,950	7,467	-121	76,849	1,158
Germany	2012	110,194	32,241	18,688	10,597	-310	113,460	1,410
	2013	107,193	37,649	20,197	10,505	-176	114,316	1,419
	2014	106,304	37,039	21,236	10,183	-847	112,771	1,398
	2015	108,775	37,436	22,302	10,274	391	113,244	1,403
Gibraltar	2012	..	4,479	..	4,307	..	172	5,477
	2013	..	4,124	..	3,942	..	182	5,738
	2014	..	3,898	..	3,703	..	195	6,094
	2015	..	3,989	..	3,782	..	207	6,425
Greece	2012	23,907	7,105	12,127	2,977	111	15,797	1,422
	2013	24,192	7,469	14,032	2,857	-171	14,943	1,352
	2014	27,692	8,444	15,492	2,691	-58	18,011	1,637
	2015	28,612	9,120	16,151	2,648	508	18,425	1,682

Table 25

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Hungary	2012	8,547	2,149	2,867	166	-40	7,703	774
	2013	8,382	2,324	2,900	162	52	7,592	765
	2014	8,703	2,745	3,222	171	-40	8,095	819
	2015	8,186	2,994	2,717	175	155	8,133	825
Iceland	2012	0	688	..	199	5	484	1,497
	2013	2	705	..	183	12	512	1,573
	2014	2	746	..	200	-7	555	1,696
	2015	14	836	..	261	21	568	1,724
Ireland	2012	3,099	5,211	1,772	647	87	5,804	1,243
	2013	2,882	5,049	1,241	738	-28	5,980	1,280
	2014	2,822	5,018	1,287	831	-47	5,769	1,234
	2015	3,475	5,383	1,772	950	45	6,091	1,299
Italy	2012	84,850	16,586	28,981	5,590	-73	66,938	1,120
	2013	72,125	19,385	23,902	5,193	-480	62,895	1,052
	2014	68,986	17,249	20,534	4,988	-817	61,530	1,029
	2015	76,898	17,930	27,201	5,055	-648	63,220	1,057
Latvia	2012	27	2,131	511	359	28	1,260	619
	2013	27	2,297	673	363	7	1,281	637
	2014	30	2,326	816	342	-123	1,321	664
	2015	31	2,705	948	361	56	1,371	696
Lithuania	2012	8,977	1,396	7,593	186	-86	2,680	888
	2013	9,486	1,520	8,229	158	-44	2,663	899
	2014	7,943	1,771	6,903	86	-74	2,799	960
	2015	8,920	2,334	8,277	156	69	2,752	956
Luxembourg	2012	..	2,857	8	361	13	2,475	4,648
	2013	..	2,812	7	363	9	2,433	4,465
	2014	..	2,725	5	394	7	2,319	4,167
	2015	..	2,670	6	445	-18	2,237	3,945
Malta	2012	..	2,245	8	1,321	32	884	2,127
	2013	..	2,337	151	1,321	97	768	1,843
	2014	..	2,301	206	1,364	-38	769	1,841
	2015	..	2,717	532	1,701	-49	533	1,273
Montenegro	2012	..	294	12	12	..	270	433
	2013	..	286	14	13	..	259	415
	2014	..	294	11	17	8	258	413
	2015	..	302	16	18	-9	277	443
Netherlands	2012	60,626	89,595	101,481	17,205	755	30,780	1,838
	2013	59,183	89,390	100,939	16,695	145	30,794	1,832
	2014	60,398	87,032	100,143	16,620	418	30,249	1,793
	2015	63,905	94,910	110,198	16,435	2,374	29,808	1,761
Norway	2012	24,299	4,320	14,777	722	181	12,939	2,578
	2013	25,202	4,962	14,444	839	99	14,782	2,908
	2014	23,223	4,294	15,341	637	-180	11,719	2,276
	2015	25,071	5,391	17,353	676	144	12,289	2,358
Poland	2012	27,488	4,903	5,771	670	-116	26,066	675
	2013	26,459	4,428	6,571	653	-141	23,804	616
	2014	26,317	4,906	7,115	717	-110	23,501	609
	2015	28,739	5,392	8,247	817	-190	25,257	654
Portugal	2012	11,983	3,135	3,703	1,527	-80	9,968	948
	2013	14,244	3,542	5,526	1,578	-600	11,282	1,079
	2014	13,155	4,313	4,734	1,570	-27	11,191	1,076
	2015	15,631	3,707	6,802	1,682	19	10,835	1,047

Table 25

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Republic of Moldova	2012	18	745	18	22	-10	733	180
	2013	19	789	33	21	1	753	185
	2014	18	781	18	25	-13	769	189
	2015	11	831	14	24	17	787	193
Romania	2012	10,280	2,726	3,306	129	-249	9,820	492
	2013	10,435	2,434	3,788	182	-64	8,963	453
	2014	12,158	2,394	4,614	257	5	9,676	492
	2015	11,907	2,996	4,668	240	-87	10,082	517
Russian Federation	2012	255,290	1,856	107,978	8,227	294	140,647	982
	2013	266,656	1,927	119,099	11,139	566	137,779	961
	2014	283,328	2,270	117,993	20,567	39	146,999	1,025
	2015	278,118	2,049	117,357	20,583	-1,183	143,410	1,000
Serbia	2012	2,298	1,377	292	41	41	3,301	367
	2013	3,258	858	564	51	-100	3,601	403
	2014	3,217	1,113	658	82	3	3,587	403
	2015	3,490	1,020	765	86	-9	3,668	414
Slovakia	2012	6,201	1,262	3,506	36	20	3,901	720
	2013	6,871	1,380	4,112	40	-26	4,125	761
	2014	5,962	1,302	3,644	34	14	3,572	659
	2015	6,808	1,655	4,381	42	56	3,984	734
Slovenia	2012	52	3,438	812	74	107	2,497	1,210
	2013	60	3,260	935	87	-65	2,363	1,144
	2014	41	3,707	1,393	83	-53	2,325	1,125
	2015	26	4,035	1,717	90	-9	2,263	1,095
Spain	2012	63,890	20,040	19,539	12,134	-1,583	53,840	1,154
	2013	61,668	20,025	22,278	10,905	-1,297	49,807	1,072
	2014	61,532	20,439	21,666	11,570	992	47,743	1,032
	2015	66,223	19,054	23,243	11,407	1,557	49,070	1,064
Sweden	2012	22,105	6,821	13,379	2,422	-501	13,626	1,428
	2013	18,378	7,175	9,916	2,414	-226	13,449	1,397
	2014	20,824	7,836	12,565	2,464	301	13,330	1,374
	2015	21,912	7,810	15,061	2,563	527	11,571	1,183
Switzerland	2012	3,439	8,260	309	1,501	159	9,730	1,207
	2013	4,929	7,491	578	1,506	-126	10,462	1,283
	2014	4,965	6,273	523	1,535	19	9,161	1,111
	2015	2,899	7,921	431	1,586	-341	9,144	1,097
T.F.Yug.Rep. Macedonia	2012	244	991	275	..	36	924	447
	2013	78	1,009	203	..	-50	934	450
	2014	1	1,099	181	..	8	912	439
	2015	0	1,153	160	..	-2	995	479
Ukraine	2012	4,968	8,180	1,663	298	-169	11,356	251
	2013	4,091	7,097	1,007	*123	239	9,819	217
	2014	3,349	7,881	786	*128	-398	10,714	238
	2015	2,865	7,747	113	121	-28	10,406	232
United Kingdom	2012	74,930	31,289	31,024	13,210	-555	62,540	984
	2013	69,022	34,538	28,335	13,175	-286	62,336	975
	2014	64,474	33,805	23,806	13,275	-161	61,359	954
	2015	64,732	36,910	24,703	13,012	425	63,502	981
Oceania	2012	39,436	22,714	3,372	5,375	164	53,239	1,416
	2013	38,997	24,874	3,253	5,442	35	55,142	1,444
	2014	36,158	26,460	2,910	5,787	-390	54,311	1,401
	2015	33,488	28,829	2,614	5,885	176	53,642	1,364

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Australia	2012	32,641	18,197	3,056	4,015	152	43,615	1,904
	2013	32,205	20,009	2,983	4,029	-63	45,265	1,945
	2014	29,774	20,723	2,644	4,391	-358	43,820	1,855
	2015	26,659	22,977	2,426	4,404	176	42,630	1,779
Cook Islands	2012	..	*29	..	*9	..	*20	*970
	2013	..	*29	..	*9	..	*20	*965
	2014	..	*31	..	*10	..	*21	*1,013
	2015	..	*29	..	*9	..	*19	*931
Fiji	2012	..	377	0	*52	..	325	371
	2013	..	*475	0	*63	..	*412	*468
	2014	..	*590	0	*79	..	*510	*576
	2015	..	813	0	*115	..	698	783
French Polynesia	2012	..	321	..	*73	..	248	904
	2013	..	325	..	*75	..	250	903
	2014	..	317	..	*75	..	242	864
	2015	..	332	..	*79	..	253	896
Kiribati	2012	..	18	..	1	..	18	168
	2013	..	19	..	1	..	18	166
	2014	..	19	..	0	..	18	165
	2015	..	*20	..	0	..	*19	*171
Marshall Islands	2012	..	46	..	*2	..	44	834
	2013	..	*47	..	*2	..	*45	*853
	2014	..	*46	..	*2	..	*44	*840
	2015	..	*49	..	*2	..	*47	*881
Micronesia (Fed. States of)	2012	..	*47	..	*1	..	*47	*450
	2013	..	*50	..	*1	..	*49	*469
	2014	..	*52	..	*1	..	*51	*495
	2015	..	*52	..	*1	..	*51	*493
Nauru	2012	..	*18	..	*5	0	*13	*1,308
	2013	..	*20	..	*5	0	*15	*1,433
	2014	..	*21	..	6	0	*15	*1,501
	2015	..	*22	..	*6	0	*16	*1,548
New Caledonia	2012	..	868	..	*33	56	780	3,080
	2013	..	897	..	31	9	858	3,347
	2014	..	994	..	31	-48	1,011	3,892
	2015	..	958	..	32	-3	930	3,533
New Zealand	2012	5,751	1,932	300	1,074	-10	6,319	1,425
	2013	5,524	2,249	270	1,115	84	6,304	1,412
	2014	5,423	2,450	266	1,074	-28	6,561	1,459
	2015	5,813	2,321	188	1,121	-15	6,840	1,510
Niue	2012	..	2	..	0	..	2	1,098
	2013	..	2	..	0	..	2	1,164
	2014	..	2	..	0	..	2	1,189
	2015	..	2	..	0	..	2	1,228
Palau	2012	..	*89	..	*16	..	*74	*3,541
	2013	..	*91	..	*16	..	*76	*3,609
	2014	..	*95	..	*17	..	*78	*3,674
	2015	..	*89	..	*15	..	*75	*3,499
Papua New Guinea	2012	1,044	521	16	*60	-34	1,523	213
	2013	1,268	414	0	*63	7	1,612	221
	2014	961	851	0	*64	44	1,704	228
	2015	*1,016	*874	0	*65	*18	*1,808	*237

Table 25

Production, trade and supply of oil products

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Samoa	2012	..	*76	..	*11	..	*65	*343
	2013	..	76	..	11	-1	67	352
	2014	..	*78	..	*11	..	*66	*346
	2015	..	108	0	12	..	95	494
Solomon Islands	2012	..	*69	..	*7	..	*61	*111
	2013	..	*72	..	*8	..	*64	*115
	2014	..	*73	..	*8	..	*65	*113
	2015	..	*72	..	*8	..	*64	*111
Tonga	2012	..	40	..	*4	0	36	345
	2013	..	40	..	*1	0	38	363
	2014	..	42	..	*5	*1	37	352
	2015	..	44	..	*5	0	39	369
Tuvalu	2012	..	*3	..	..	..	*3	*296
	2013	..	*3	..	..	..	*3	*295
	2014	..	*3	..	..	..	*3	*305
	2015	..	*3	..	..	..	*3	*315
Vanuatu	2012	..	50	..	*10	0	40	162
	2013	..	48	..	*10	0	37	148
	2014	..	64	..	*12	0	53	203
	2015	..	56	..	*11	0	45	170
Wallis and Futuna Is.	2012	..	9	..	1	..	8	610
	2013	..	9	..	1	..	8	601
	2014	..	9	..	1	..	8	595
	2015	..	9	..	1	..	8	593

Production of natural gas liquids – by end use

Thousand metric tons

Table Notes

Production refers to production of natural gas liquids.

End-use products refers to the output of natural gas liquids plants, arranged by product.
Net imports refers to imports minus exports.
Inputs of NGLs to refineries refers to quantities of natural gas liquids that are transformed in oil refineries. Data may not add up due to statistical differences or the presence of other natural gas liquid flows such as stock changes, transfers or energy industries own use.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Figure 66: Production of natural gas liquids by region, 1990-2015

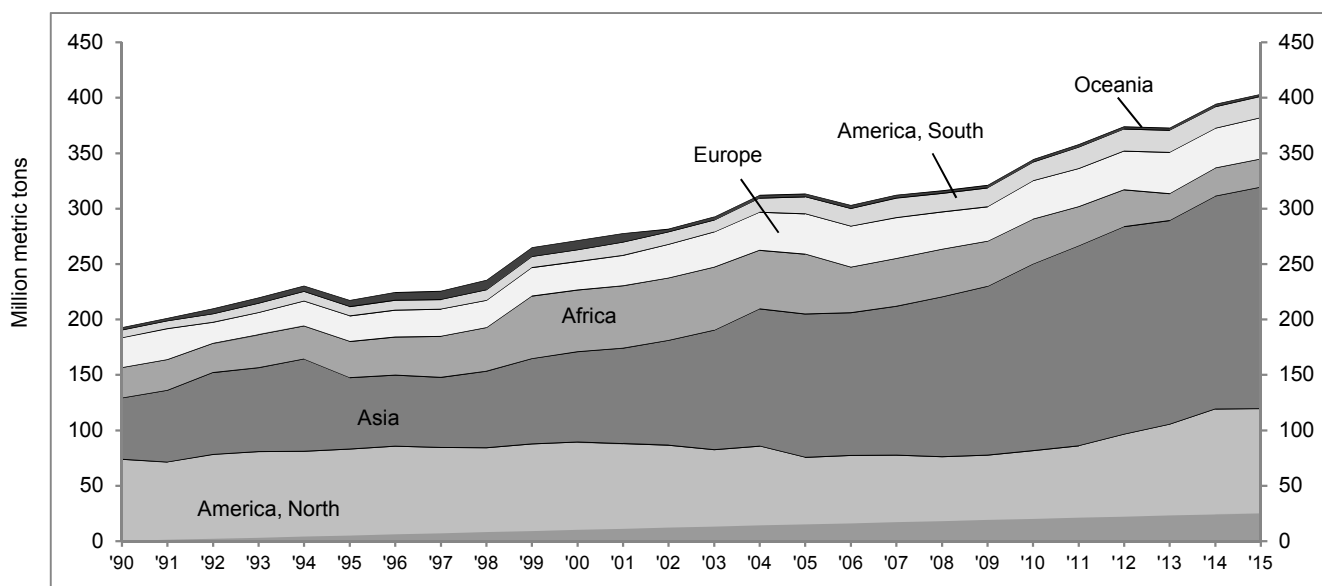


Figure 67: Production of natural gas liquids by end-use product, 2015

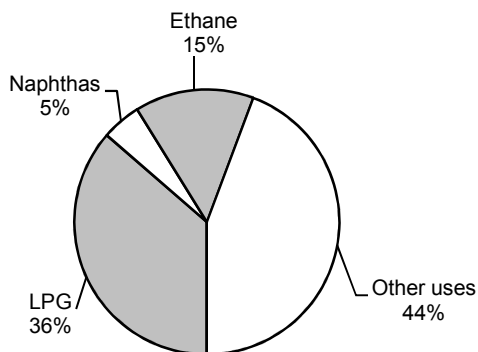


Table 26

Production of natural gas liquids - by end use

Thousand metric tons

Country or area	Year	Total production	End-use products				Net imports	Inputs of NGLs to refineries
			LPG	Naphthas	Ethane	Other products		
World	2012	373,889	123,039	18,126	49,356	5,974	-57,322	103,823
	2013	372,739	127,998	18,747	51,844	5,899	-51,172	106,987
	2014	393,961	130,774	18,934	54,529	5,769	-59,531	102,685
	2015	403,199	146,685	19,263	58,560	5,570	-48,094	104,074
Africa	2012	33,027	9,506	701	27	..	-17,720	4,911
	2013	24,364	9,505	1,196	0	..	-10,269	3,288
	2014	25,642	10,788	439	0	..	-9,243	5,239
	2015	25,328	10,929	480	0	..	-9,151	4,968
Algeria	2012	16,474	6,959	166	27	..	-5,105	4,118
	2013	15,656	6,887	171	0	..	-5,416	3,115
	2014	18,318	8,372	168	0	..	-4,805	5,067
	2015	18,346	8,611	120	0	..	-5,016	4,797
Angola	2012	568	568	..	..	..	..	..
	2013	677	677	..	..	..	..	..
	2014	520	520	..	..	..	..	..
	2015	530	543	..	..	..	..	..
Congo	2012	517	..	..	..	..	-492	25
	2013	601	..	..	..	..	-575	26
	2014	730	..	..	..	..	-705	25
	2015	730	..	..	..	..	-706	24
Côte d'Ivoire	2012	12	12	..	..	..	..	..
	2013	0	0	..	..	..	..	..
	2014	2	2	..	..	..	..	..
	2015	5	5	..	..	..	..	..
Egypt	2012	2,077	1,481	..	..	..	..	571
	2013	*1,542	1,542	..	..	..	..	0
	2014	1,462	1,462	..	..	..	..	0
	2015	1,366	1,366	..	..	..	..	..
Libya	2012	4,624	353	535	..	..	-3,736	..
	2013	3,541	256	1,025	..	..	-2,260	..
	2014	2,154	292	271	..	..	-1,591	..
	2015	2,097	272	360	..	..	-1,465	..
South Africa	2012	197	..	..	..	..	..	197
	2013	147	..	..	..	..	..	147
	2014	147	..	..	..	..	..	147
	2015	147	..	..	..	..	..	147
Tunisia	2012	231	133	..	..	..	-60	..
	2013	272	143	..	..	..	-90	..
	2014	245	140	..	..	..	-78	..
	2015	217	132	..	..	..	-74	..
America, North	2012	96,399	29,615	..	23,839	2,581	-8,820	21,688
	2013	105,485	36,824	..	23,422	2,295	-12,308	21,271
	2014	119,086	35,228	..	25,329	1,753	-20,043	20,421
	2015	119,550	58,548	..	26,702	1,752	-8,806	9,251
Belize	2012	*1	1	..	..	..	..	..
	2013	*1	1	..	..	..	..	..
	2014	*1	1	..	..	..	..	..
	2015	*1	1	..	..	..	..	..
Canada	2012	13,022	..	..	..	..	-2,664	2,291
	2013	13,544	..	..	..	..	-2,087	2,599
	2014	13,663	..	..	..	..	-1,533	1,441
	2015	13,807	..	..	..	..	-2,092	1,175

Production of natural gas liquids - by end use

Thousand metric tons

Country or area	Year	Total production	End-use products				Net imports	Inputs of NGLs to refineries
			LPG	Naphthas	Ethane	Other products		
Curaçao	2012	..	..	..	..	..	12	..
	2013	..	..	..	..	..	36	..
	2014	..	..	..	..	..	44	..
	2015	..	..	..	..	..	56	..
Mexico	2012	10,371	5,304	..	2,401	..	..	2,438
	2013	10,225	5,366	..	2,264	..	..	2,393
	2014	10,217	5,178	..	2,394	..	..	2,416
	2015	9,218	4,501	..	2,230	..	..	2,296
Trinidad and Tobago	2012	1,210	696	..	..	565	..	..
	2013	1,180	671	..	..	561	..	..
	2014	1,126	647	..	..	526	..	..
	2015	1,032	597	..	..	477	..	..
United States	2012	71,795	23,614	..	21,438	2,016	-6,168	16,959
	2013	80,535	30,786	..	21,158	1,734	-10,257	16,279
	2014	94,079	29,402	..	22,935	1,227	-18,554	16,564
	2015	95,492	53,449	..	24,472	1,275	-6,770	5,780
America, South	2012	19,905	10,122	..	1,048	3,240	-9	1,963
	2013	20,012	10,464	..	1,046	3,356	-15	1,699
	2014	19,502	10,462	..	1,034	3,853	0	1,093
	2015	19,216	7,827	..	1,075	3,618	..	3,980
Argentina	2012	3,162	1,778	..	1,048	177	..	69
	2013	2,839	*1,681	..	1,046	0	..	61
	2014	2,504	1,410	..	1,034	..	..	60
	2015	2,839	1,705	..	1,075	..	..	59
Bolivia (Plur. State of)	2012	319	243	..	..	..	..	76
	2013	364	270	..	..	..	..	94
	2014	378	312	..	..	..	..	66
	2015	375	279	..	..	..	..	96
Brazil	2012	5,251	934	..	..	1,087	..	..
	2013	5,247	1,054	..	..	978	..	..
	2014	5,636	1,189	..	..	1,577	..	..
	2015	5,629	1,431	..	..	1,698	..	..
Chile	2012	199	..	..	..	..	..	..
	2013	160	..	..	..	..	..	..
	2014	76	..	..	..	..	..	..
	2015	38	..	..	..	..	..	..
Colombia	2012	174	163	..	..	..	-9	..
	2013	218	204	..	..	..	-15	..
	2014	249	233	..	..	..	0	..
	2015	277	259	..	..	..	..	..
Ecuador	2012	*120	76	..	..	45	..	..
	2013	*158	97	..	..	61	..	..
	2014	*150	92	..	..	58	..	..
	2015	*161	96	..	..	65	..	..
Peru	2012	3,265	1,332	..	..	1,931	..	..
	2013	3,946	1,622	..	..	2,317	..	..
	2014	3,901	1,586	..	..	2,218	..	..
	2015	3,447	1,432	..	..	1,855	..	..
Venezuela (Bolivar. Rep.)	2012	7,415	5,597	..	..	..	..	1,818
	2013	7,080	5,536	..	..	..	..	1,544
	2014	6,608	5,641	..	..	..	..	967
	2015	6,450	2,625	..	..	..	..	3,825

Table 26

Production of natural gas liquids - by end use

Thousand metric tons

Country or area	Year	Total production	End-use products				Net imports	Inputs of NGLs to refineries
			LPG	Naphthas	Ethane	Other products		
Asia	2012	187,442	65,282	15,006	22,293	126	-37,464	49,275
	2013	183,684	62,830	15,173	25,011	171	-36,619	51,455
	2014	192,006	65,557	17,097	25,518	163	-39,781	47,029
	2015	199,827	60,571	18,061	28,099	200	-38,359	56,828
Azerbaijan	2012	2,360	..	..	..	..	-2,028	332
	2013	2,731	..	..	..	..	-2,447	284
	2014	2,633	..	..	..	..	-2,324	309
	2015	2,593	..	..	..	..	-2,267	326
Bahrain	2012	368	..	..	..	..	-369	..
	2013	336	..	..	..	..	-320	..
	2014	357	..	..	..	..	-354	..
	2015	350	..	..	..	..	-351	..
Bangladesh	2012	234	8	..	..	86	-11	111
	2013	249	8	..	..	138	0	82
	2014	246	7	..	..	136	0	78
	2015	294	7	..	..	178	0	85
Brunei Darussalam	2012	572	16	..	..	..	-420	139
	2013	583	16	..	..	..	-412	161
	2014	538	16	..	..	..	-408	117
	2015	621	18	..	..	..	-471	135
India	2012	4,517	2,130	..	..	..	..	..
	2013	4,301	2,140	1,468	..	..	..	..
	2014	*3,245	1,887	1,358	..	..	..	..
	2015	*4,016	489	2,517	..	..	..	..
Indonesia	2012	*4,666	1,831	..	..	..	*-2,909	..
	2013	4,320	1,824	..	..	..	-2,567	..
	2014	4,670	2,381	..	..	..	-1,968	*321
	2015	4,886	1,631	..	..	..	-1,716	*189
Iran (Islamic Rep. of)	2012	18,234	1,794	..	4,220	..	-8,492	1,305
	2013	19,092	1,938	..	7,814	..	-9,033	1,640
	2014	23,556	1,995	..	7,702	..	-10,133	1,587
	2015	22,532	1,860	..	10,176	..	-7,625	2,287
Iraq	2012	1,367	1,065	..	..	..	..	302
	2013	1,497	1,166	..	..	..	..	331
	2014	1,362	1,061	..	..	..	..	301
	2015	1,021	795	..	..	..	..	226
Japan	2012	342	..	..	..	..	8,443	8,412
	2013	289	..	..	..	..	9,882	9,886
	2014	261	..	..	..	..	6,665	6,702
	2015	242	..	..	..	..	6,352	6,343
Kazakhstan	2012	12,749	1,313	..	..	..	*-11,436	..
	2013	12,303	1,321	..	..	..	*-10,982	..
	2014	12,918	1,433	..	..	..	*-11,485	..
	2015	12,936	1,241	..	..	..	*-11,695	..
Kuwait	2012	6,692	4,757	..	1,935	..	..	..
	2013	6,426	4,491	..	1,935	..	..	..
	2014	6,377	4,442	..	1,935	..	..	..
	2015	6,680	4,745	..	1,935	..	..	..
Malaysia	2012	2,080	2,080	..	..	..	..	..
	2013	1,237	1,237	..	..	..	..	..
	2014	1,649	1,237	..	..	..	..	..
	2015	1,522	1,106	..	..	..	..	..

Table 26

Production of natural gas liquids - by end use

Thousand metric tons

Country or area	Year	Total production	End-use products				Net imports	Inputs of NGLs to refineries
			LPG	Naphthas	Ethane	Other products		
Myanmar	2012	13	8	4	..	..	2	..
	2013	9	6	3	..	..	2	..
	2014	10	4	4	..	..	1	..
	2015	12	8	*4	..	..	..	..
Oman	2012	251	251	..	..	..	..	..
	2013	268	268	..	..	..	..	..
	2014	246	246	..	..	..	..	..
	2015	241	241	..	..	..	..	..
Pakistan	2012	218	218	..	..	..	..	..
	2013	265	265	..	..	..	..	..
	2014	277	277	..	..	..	..	..
	2015	313	313	..	..	..	..	..
Qatar	2012	39,701	10,463	..	1,025	..	-18,625	9,588
	2013	39,872	10,521	..	1,016	..	-19,508	8,827
	2014	39,488	10,606	..	1,397	..	-18,951	8,534
	2015	39,880	9,792	..	1,809	..	-20,008	8,271
Saudi Arabia	2012	58,716	26,828	10,455	11,796	..	-1,019	8,618
	2013	55,466	25,078	9,200	10,976	..	-671	9,541
	2014	56,893	25,931	10,224	10,914	..	-212	9,612
	2015	64,809	25,931	10,647	10,680	..	-153	*17,398
Syrian Arab Republic	2012	238	238	..	..	..	..	..
	2013	133	133	..	..	..	..	..
	2014	95	95	..	..	..	..	..
	2015	76	76	..	..	..	..	..
Thailand	2012	6,431	3,716	..	2,109	..	-158	..
	2013	6,192	3,524	..	2,074	..	-170	..
	2014	6,375	3,651	..	2,106	..	-211	..
	2015	6,382	3,593	..	2,199	..	-65	..
Turkmenistan	2012	808	454	..	..	..	..	354
	2013	918	728	..	..	..	..	190
	2014	937	634	..	..	..	..	303
	2015	980	674	..	..	..	..	306
United Arab Emirates	2012	25,527	7,236	4,547	1,208	..	..	20,114
	2013	25,771	7,166	4,502	1,196	..	..	20,513
	2014	28,561	8,771	5,511	1,464	..	..	19,165
	2015	28,796	7,788	4,893	1,300	..	..	21,262
Viet Nam	2012	306	266	..	..	40	..	..
	2013	325	292	..	..	33	..	..
	2014	282	255	..	..	27	..	..
	2015	178	156	..	..	22	..	..
Yemen	2012	610	610	..	..	..	..	..
	2013	708	708	..	..	..	..	..
	2014	629	629	..	..	..	..	..
	2015	107	107	..	..	..	..	..
Europe	2012	34,964	6,375	2,419	2,149	27	6,698	25,986
	2013	37,182	6,373	2,378	2,365	77	8,048	29,274
	2014	35,519	6,541	1,398	2,648	0	9,543	28,903
	2015	37,294	6,834	722	2,684	0	8,231	29,047
Austria	2012	80	..	..	..	..	44	124
	2013	30	..	..	..	..	51	81
	2014	23	..	..	..	..	153	175
	2015	21	..	..	..	..	31	53

Table 26

Production of natural gas liquids - by end use

Thousand metric tons

Country or area	Year	Total production	End-use products				Net imports	Inputs of NGLs to refineries
			LPG	Naphthas	Ethane	Other products		
Belgium	2012	..	..	..	..	..	0	1
	2013	..	..	..	..	..	360	333
	2014	..	..	..	..	..	544	242
	2015	..	..	..	..	..	114	45
Croatia	2012	65	42	..	0	..	..	23
	2013	61	41	..	0	..	..	20
	2014	54	36	..	0	..	..	18
	2015	56	39	..	0	..	..	17
Finland	2012	..	..	..	..	..	845	863
	2013	..	..	..	..	..	688	780
	2014	..	..	..	..	..	641	652
	2015	..	..	..	..	..	815	765
France	2012	27	..	..	..	27	0	0
	2013	19	..	..	..	77	321	105
	2014	0	..	..	..	0	407	9
	2015	0	..	..	..	0	464	138
Hungary	2012	309	208	..	..	..	110	185
	2013	272	243	..	..	..	116	128
	2014	244	203	..	..	..	106	121
	2015	232	198	..	..	..	120	101
Lithuania	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
	2014	..	..	..	..	..	..	..
	2015	..	..	..	..	..	198	198
Netherlands	2012	356	..	..	..	..	7,792	4,119
	2013	397	..	..	..	..	7,624	3,861
	2014	369	..	..	..	..	6,788	2,754
	2015	402	..	..	..	..	6,825	3,693
Norway	2012	9,082	5,297	2,419	1,366	..	..	..
	2013	8,982	5,082	2,378	1,522	..	..	..
	2014	8,512	5,409	1,398	1,705	..	..	..
	2015	9,848	5,505	722	1,688	..	..	..
Romania	2012	122	..	..	..	..	..	114
	2013	88	..	..	..	..	..	83
	2014	89	..	..	..	..	..	84
	2015	101	..	..	..	..	..	96
Russian Federation	2012	21,322	..	..	..	..	-2,409	18,892
	2013	24,205	..	..	..	..	-2,075	22,125
	2014	23,034	..	..	..	..	129	23,155
	2015	23,483	..	..	..	..	-1,122	22,354
Serbia	2012	34	..	..	..	..	5	39
	2013	36	..	..	..	..	66	103
	2014	36	..	..	..	..	60	96
	2015	31	..	..	..	..	65	96
Slovakia	2012	4	..	..	..	..	..	4
	2013	3	..	..	..	..	..	3
	2014	3	..	..	..	..	..	3
	2015	2	..	..	..	..	..	2
Ukraine	2012	1,055	..	..	..	..	25	872
	2013	899	..	..	..	..	32	782
	2014	701	..	..	..	..	..	707
	2015	656	..	..	..	..	..	642

Production of natural gas liquids - by end use

Thousand metric tons

Country or area	Year	Total production	End-use products				Net imports	Inputs of NGLs to refineries
			LPG	Naphthas	Ethane	Other products		
United Kingdom	2012	2,508	828	..	783	..	286	750
	2013	2,190	1,007	..	843	..	865	870
	2014	2,454	893	..	943	..	715	887
	2015	2,462	1,092	..	996	..	721	847
Oceania	2012	2,152	2,139	..	..	..	-7	..
	2013	2,012	2,002	..	..	..	-9	..
	2014	2,206	2,197	..	..	..	-7	..
	2015	1,984	1,976	..	..	..	-9	..
Australia	2012	1,973	1,973	..	..	..	..	..
	2013	1,825	1,825	..	..	..	..	..
	2014	1,987	1,987	..	..	..	..	..
	2015	1,779	1,779	..	..	..	..	..
New Zealand	2012	179	166	..	..	..	-7	..
	2013	187	177	..	..	..	-9	..
	2014	219	210	..	..	..	-7	..
	2015	205	197	..	..	..	-9	..

Table 27

Production, trade and supply of natural gas

Terajoules

Table Notes

Production includes quantities from other sources, which would include any quantities of biogas, LPG or manufactured gas blended with natural gas.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Figure 68: Production of natural gas by region, 1990-2015

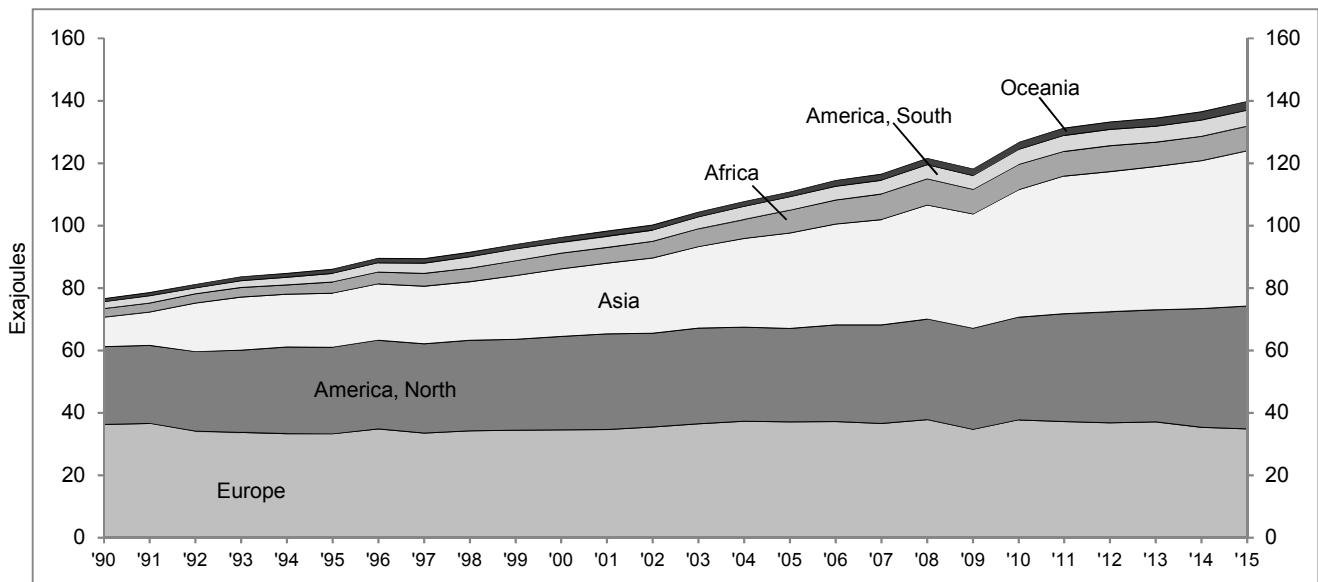


Figure 69: Major natural gas producing countries, 2015

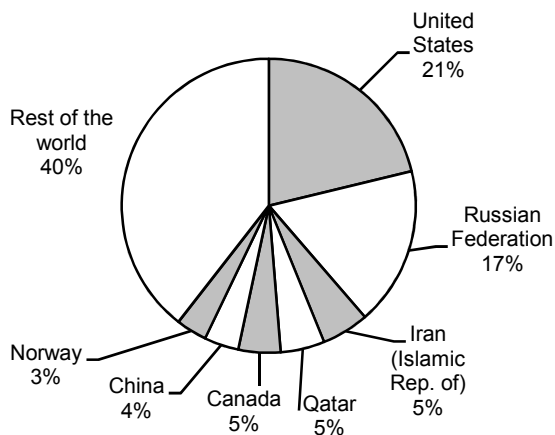


Figure 70: Major natural gas consuming countries, 2015

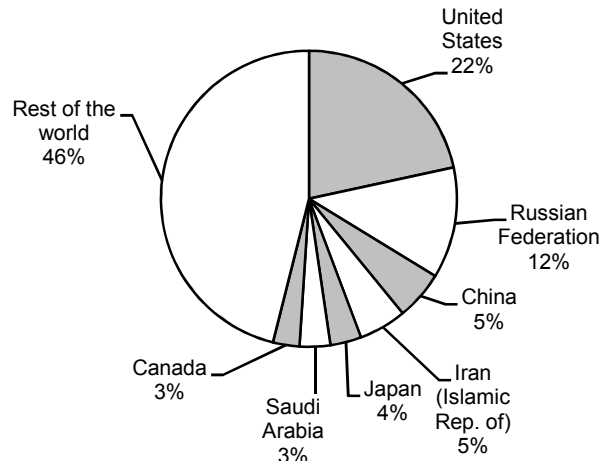


Table 27

Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
World	2012	133,200,049	39,609,033	40,353,643	-110,177	132,565,615	18,678
	2013	134,466,267	40,913,598	41,628,994	-681,055	134,431,926	18,719
	2014	136,551,932	39,258,951	39,858,978	434,711	135,517,195	18,651
	2015	139,849,453	40,727,159	40,306,952	760,366	139,509,295	18,978
Africa	2012	8,275,139	321,900	3,858,324	539	4,738,176	4,311
	2013	7,784,196	333,291	3,361,177	207	4,756,103	4,218
	2014	7,778,980	368,572	3,332,898	216	4,814,438	4,162
	2015	7,867,566	600,944	3,229,871	230	5,238,409	4,418
Algeria	2012	3,374,117	..	2,070,772	..	1,303,345	34,812
	2013	3,205,532	..	1,875,080	..	1,330,452	34,841
	2014	3,266,332	..	1,765,448	..	1,500,884	38,549
	2015	3,322,561	..	1,721,361	..	1,601,200	40,367
Angola	2012	28,880	..	0	..	28,880	1,273
	2013	35,340	..	19,760	..	15,580	664
	2014	28,120	..	16,340	..	11,780	486
	2015	29,260	..	0	..	29,260	1,169
Botswana	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	89	..	..	89	39
Cameroon	2012	10,345	..	..	..	10,345	478
	2013	17,816	..	..	..	17,816	802
	2014	25,862	..	..	..	25,862	1,136
	2015	13,731	..	..	..	13,731	588
Congo	2012	8,293	..	..	..	8,293	1,935
	2013	8,584	..	..	..	8,584	1,953
	2014	9,166	..	..	..	9,166	2,035
	2015	9,410	..	..	..	9,410	2,037
Côte d'Ivoire	2012	66,359	..	..	..	66,359	3,145
	2013	76,205	..	..	..	76,205	3,524
	2014	76,838	..	..	..	76,838	3,468
	2015	78,464	..	..	..	78,464	3,456
Dem. Rep. of the Congo	2012	..	0	..	..	0	0
	2013	..	0	..	..	0	0
	2014	..	80	..	..	80	1
	2015	..	46	..	..	46	1
Egypt	2012	2,124,400	0	235,503	..	1,888,897	22,051
	2013	1,898,480	17,965	78,780	..	1,837,665	20,975
	2014	1,636,361	36,828	12,346	..	1,660,843	18,540
	2015	1,455,476	264,963	9,793	..	1,710,646	18,694
Equatorial Guinea	2012	253,637	..	184,179	..	69,458	89,770
	2013	245,454	..	184,179	..	61,275	76,874
	2014	257,730	..	193,388	..	64,342	78,381
	2015	*257,539	..	*195,105	..	*62,434	*73,881
Gabon	2012	14,343	..	..	..	14,343	8,889
	2013	11,755	..	..	..	11,755	7,123
	2014	12,864	..	..	..	12,864	7,622
	2015	14,268	..	..	..	14,268	8,270
Gambia	2012	..	*102	..	..	*102	*56
	2013	..	*102	..	..	*102	*55
	2014	..	*102	..	..	*102	*53
	2015	..	*105	..	..	*105	*53

Table 27

Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Ghana	2012	..	16,344	..	..	16,344	640
	2013	..	12,211	..	..	12,211	467
	2014	2,200	23,781	..	..	25,981	970
	2015	27,846	21,763	..	..	49,609	1,810
Guinea	2012	*3	..	..	..	*3	0
	2013	*3	..	..	..	*3	0
	2014	*3	..	..	..	*3	0
	2015	*3	..	..	..	*3	0
Libya	2012	463,600	..	245,860	..	217,740	34,653
	2013	486,400	..	216,600	..	269,800	43,058
	2014	473,100	..	247,380	..	225,720	36,063
	2015	604,552	..	181,994	..	422,558	67,303
Morocco	2012	2,637	46,095	..	..	48,732	1,454
	2013	3,235	44,484	..	..	47,719	1,403
	2014	3,198	42,433	..	..	45,631	1,323
	2015	3,081	44,154	..	..	47,235	1,372
Mozambique	2012	146,793	..	143,301	..	3,492	136
	2013	163,740	..	156,478	..	7,262	274
	2014	177,257	..	150,276	..	26,981	991
	2015	190,314	..	154,898	..	35,416	1,266
Nigeria	2012	1,565,634	..	978,696	..	586,938	3,489
	2013	1,412,306	..	830,300	..	582,006	3,368
	2014	1,611,963	..	947,720	..	664,243	3,743
	2015	1,660,131	..	966,720	..	693,411	3,806
Rwanda	2012	*91	..	..	..	*91	*8
	2013	*102	..	..	..	*102	*9
	2014	*161	..	..	..	*161	*14
	2015	*240	..	..	..	*240	*21
Senegal	2012	1,622	..	..	539	1,083	79
	2013	1,726	..	..	207	1,519	107
	2014	1,801	..	..	216	1,585	108
	2015	1,918	..	..	230	1,688	112
South Africa	2012	44,827	143,301	13	..	188,115	3,560
	2013	48,087	142,687	0	..	190,774	3,571
	2014	40,752	138,651	0	..	179,403	3,324
	2015	47,680	150,213	..	..	197,893	3,632
Togo	2012	..	*654	..	..	*654	*97
	2013	..	*844	..	..	*844	*122
	2014	..	*1,481	..	..	*1,481	*208
	2015	..	*1,467	..	..	*1,467	*201
Tunisia	2012	131,759	115,405	..	..	247,164	22,714
	2013	131,467	114,998	..	..	246,465	22,394
	2014	119,881	125,217	..	..	245,098	22,021
	2015	117,088	118,144	..	..	235,232	20,903
United Rep. of Tanzania	2012	37,799	..	..	..	37,799	777
	2013	37,964	..	..	..	37,964	756
	2014	35,391	..	..	..	35,391	683
	2015	34,003	..	..	..	34,003	636
America, North	2012	35,624,385	5,570,071	5,918,823	-66,860	35,342,493	63,347
	2013	35,906,088	5,250,501	5,651,528	-665,021	36,170,081	64,217
	2014	38,053,545	4,934,176	5,412,941	388,728	37,186,051	65,409
	2015	39,322,779	5,200,199	5,634,763	689,436	38,198,780	66,574

Table 27

Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Barbados	2012	737	..	..	..	737	2,618
	2013	864	..	..	..	864	3,057
	2014	554	..	..	..	554	1,955
	2015	692	..	..	..	692	2,434
Belize	2012	*129	..	..	..	*129	*383
	2013	*116	..	..	..	*116	*337
	2014	83	..	..	..	83	237
	2015	87	..	..	..	87	241
Canada	2012	6,033,139	1,213,081	3,420,362	-42,678	3,868,536	110,948
	2013	6,063,762	1,021,945	3,203,183	-125,300	4,007,824	113,760
	2014	6,400,017	837,699	3,040,885	84,003	4,112,828	115,569
	2015	6,473,344	758,336	3,070,648	111,439	4,049,593	112,677
Cuba	2012	40,387	..	..	..	40,387	3,561
	2013	41,596	..	..	..	41,596	3,661
	2014	46,821	..	..	..	46,821	4,115
	2015	48,562	..	..	..	48,562	4,264
Curaçao	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	..	..	..	..	..
	2015	..	5,584	..	..	5,584	35,523
Dominican Republic	2012	..	42,266	..	1,787	40,479	3,986
	2013	..	40,425	..	-979	41,404	4,027
	2014	..	39,639	..	-1,107	40,745	3,916
	2015	..	41,937	..	778	41,159	3,909
Mexico	2012	1,923,390	879,032	345	16,289	2,785,788	22,821
	2013	1,909,734	1,022,996	1,416	12,748	2,918,566	23,586
	2014	1,757,953	1,099,188	1,796	15,596	2,839,749	22,648
	2015	1,621,487	1,403,732	1,140	-6,781	3,030,860	23,862
Puerto Rico	2012	..	53,006	..	..	53,006	14,343
	2013	..	60,736	..	..	60,736	16,457
	2014	..	60,736	..	..	60,736	16,475
	2015	..	64,675	..	..	64,675	17,559
Trinidad and Tobago	2012	1,597,441	..	772,572	..	824,869	614,849
	2013	1,604,456	..	769,610	..	834,846	619,212
	2014	1,595,661	..	756,857	..	838,804	619,280
	2015	1,510,745	..	681,865	..	828,880	609,431
United States	2012	26,029,162	3,382,686	1,725,544	-42,258	27,728,562	88,083
	2013	26,285,560	3,104,399	1,677,319	-551,490	28,264,130	89,123
	2014	28,252,455	2,896,914	1,613,403	290,236	29,245,730	91,551
	2015	29,667,863	2,925,935	1,881,110	584,000	30,128,688	93,633
America, South	2012	5,295,310	1,101,199	862,230	1,671	5,532,608	13,635
	2013	5,066,786	1,284,803	972,580	893	5,378,116	13,116
	2014	5,263,027	1,373,207	950,037	-2,150	5,688,347	13,731
	2015	5,134,787	1,313,746	828,020	-106	5,620,618	13,432
Argentina	2012	1,589,406	353,589	4,081	..	1,938,914	46,060
	2013	1,449,051	398,751	2,805	..	1,844,997	43,373
	2014	1,512,840	453,541	2,465	..	1,963,916	45,694
	2015	1,561,422	438,916	2,465	..	1,997,873	46,016
Bolivia (Plur. State of)	2012	712,329	..	574,785	0	137,544	13,434
	2013	809,748	..	666,515	0	143,233	13,772
	2014	852,155	..	696,662	0	155,493	14,722
	2015	757,314	..	611,350	0	145,964	13,610

Table 27

Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Brazil	2012	705,582	510,593	..	..	1,216,175	6,009
	2013	787,981	656,887	..	..	1,444,868	7,074
	2014	838,045	748,204	..	..	1,586,249	7,697
	2015	856,061	712,865	..	..	1,568,926	7,548
Chile	2012	48,855	153,170	..	1,671	200,354	11,522
	2013	38,171	152,036	..	893	189,314	10,771
	2014	31,237	135,609	..	-2,150	168,996	9,514
	2015	39,414	145,745	..	-106	185,265	10,322
Colombia	2012	532,554	..	67,045	..	465,509	9,930
	2013	521,179	..	51,492	..	469,687	9,921
	2014	496,589	..	35,810	..	460,779	9,641
	2015	429,880	..	13,254	..	416,626	8,639
Ecuador	2012	53,534	..	..	..	53,534	3,472
	2013	56,496	..	..	..	56,496	3,607
	2014	66,556	..	..	..	66,556	4,185
	2015	58,267	..	..	..	58,267	3,609
Peru	2012	479,468	..	216,319	..	263,149	8,725
	2013	492,937	..	251,768	..	241,169	7,890
	2014	551,194	..	215,100	..	336,094	10,851
	2015	531,223	..	200,951	..	330,272	10,526
Suriname	2012	175	..	..	..	175	331
	2013	179	..	..	..	179	335
	2014	149	..	..	..	149	277
	2015	173	..	..	..	173	318
Uruguay	2012	..	2,188	..	..	2,188	644
	2013	..	2,043	..	..	2,043	599
	2014	..	1,885	..	..	1,885	551
	2015	..	1,918	..	..	1,918	559
Venezuela (Bolivar. Rep.)	2012	1,173,407	81,659	..	..	1,255,066	42,040
	2013	911,044	75,086	..	..	986,130	32,571
	2014	914,262	33,968	..	..	948,230	30,893
	2015	901,033	14,302	..	..	915,335	29,424
Asia	2012	44,909,128	13,731,179	12,795,193	-13,911	45,859,025	10,765
	2013	45,940,874	15,326,235	13,794,391	105,254	47,367,464	11,003
	2014	47,395,857	15,341,003	13,257,560	70,870	49,408,429	11,359
	2015	49,766,496	15,570,351	12,645,267	-3,055	52,694,635	11,994
Afghanistan	2012	6,243	..	..	..	6,243	210
	2013	6,029	..	..	..	6,029	196
	2014	5,537	..	..	..	5,537	175
	2015	5,705	..	..	..	5,705	175
Armenia	2012	..	95,532	2,710	..	92,822	31,166
	2013	..	91,953	2,079	..	89,875	30,036
	2014	..	91,295	707	..	90,587	30,134
	2015	..	89,224	4,938	1,143	83,142	27,551
Azerbaijan	2012	673,082	..	258,460	11,484	403,138	43,064
	2013	698,627	..	285,450	8,281	404,896	42,632
	2014	735,031	..	316,112	-11,718	430,637	44,719
	2015	751,362	..	318,152	-12,652	445,862	45,711
Bahrain	2012	495,896	..	..	-1	495,897	371,855
	2013	532,149	..	..	-1	532,150	394,353
	2014	576,341	..	..	-1	576,342	423,180
	2015	574,065	..	..	-6	574,071	416,828

Table 27

Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Bangladesh	2012	817,943	..	..	-30,030	847,973	5,462
	2013	881,997	..	..	1,122	880,875	5,605
	2014	904,663	..	..	-29,076	933,739	5,870
	2015	985,805	..	..	-5,047	990,852	6,155
Brunei Darussalam	2012	488,733	..	343,653	472	144,608	356,606
	2013	474,775	..	359,143	1,296	114,336	277,852
	2014	461,001	..	324,848	-1,514	137,667	329,825
	2015	437,932	..	334,342	4,165	99,425	234,943
China	2012	4,182,496	1,568,254	107,681	..	5,643,069	4,163
	2013	4,650,688	1,959,202	102,279	..	6,507,611	4,776
	2014	5,080,315	2,204,773	97,211	..	7,187,877	5,249
	2015	5,294,673	2,279,548	120,909	..	7,453,312	5,416
China, Hong Kong SAR	2012	..	99,313	..	0	99,313	13,984
	2013	..	96,693	..	0	96,693	13,497
	2014	..	94,480	..	0	94,480	13,073
	2015	..	123,628	..	..	123,628	16,963
China, Macao SAR	2012	..	0	..	..	0	0
	2013	..	14	..	..	14	25
	2014	..	2,278	..	..	2,278	3,942
	2015	..	83	..	1	82	140
Georgia	2012	202	76,462	..	0	76,664	18,523
	2013	183	64,371	..	0	64,554	15,811
	2014	399	84,913	..	0	85,312	21,144
	2015	442	97,253	3,889	..	93,806	23,452
India	2012	1,587,335	0	..	..	1,587,335	1,256
	2013	1,350,882	718,562	..	..	2,069,444	1,617
	2014	1,279,108	603,655	..	..	1,882,763	1,454
	2015	*1,218,477	*792,217	..	..	*2,010,694	*1,534
Indonesia	2012	3,130,119	..	1,502,600	..	1,627,519	6,562
	2013	2,819,216	..	1,502,882	..	1,316,334	5,239
	2014	2,689,941	..	1,421,118	..	1,268,823	4,986
	2015	2,644,065	..	763,735	-35,667	1,915,997	7,439
Iran (Islamic Rep. of)	2012	6,122,785	182,072	363,442	..	5,941,416	78,015
	2013	6,147,993	209,660	362,193	..	5,995,460	77,709
	2014	6,894,782	293,664	378,340	..	6,810,107	87,149
	2015	7,271,954	334,293	353,776	..	7,252,470	91,677
Iraq	2012	267,372	..	..	..	267,372	8,113
	2013	265,434	..	..	..	265,434	7,782
	2014	256,790	..	..	..	256,790	7,280
	2015	263,997	..	..	..	263,997	7,248
Israel	2012	95,536	2,303	..	..	97,839	12,715
	2013	244,788	22,262	..	..	267,050	34,159
	2014	288,144	4,606	..	..	292,750	36,873
	2015	314,234	6,130	..	..	320,364	39,728
Japan	2012	214,309	4,748,508	..	-9,574	4,972,391	39,110
	2013	201,935	4,824,640	..	7,341	5,019,234	39,526
	2014	188,935	4,851,256	..	848	5,039,343	39,744
	2015	175,812	4,544,148	..	138	4,719,822	37,289
Jordan	2012	5,624	25,032	..	..	30,657	4,383
	2013	4,668	33,293	..	..	37,961	5,262
	2014	4,082	8,508	..	..	12,590	1,698
	2015	4,232	77,168	..	..	81,400	10,718

Table 27

Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Kazakhstan	2012	1,572,507	169,698	418,484	40,932	1,282,789	76,259
	2013	1,654,686	201,109	398,355	48,697	1,408,743	82,385
	2014	1,694,994	162,714	409,593	312	1,447,803	83,343
	2015	1,551,868	227,408	495,794	6,143	1,277,339	72,472
Korea, Republic of	2012	44,215	1,993,500	..	-80,728	2,118,443	42,703
	2013	21,477	2,217,444	..	21,622	2,217,299	44,482
	2014	13,431	2,047,587	..	54,274	2,006,744	40,075
	2015	7,857	1,811,665	..	-10,889	1,830,411	36,395
Kuwait	2012	605,324	100,700	..	..	706,024	206,465
	2013	619,818	82,840	..	..	702,658	195,526
	2014	571,094	125,780	..	..	696,874	185,679
	2015	642,542	152,000	..	..	794,542	204,141
Kyrgyzstan	2012	1,132	15,452	..	..	16,584	2,936
	2013	1,288	11,433	..	..	12,721	2,214
	2014	1,249	9,248	..	..	10,497	1,796
	2015	1,154	9,522	..	..	10,676	1,797
Malaysia	2012	2,145,053	329,325	1,126,849	..	1,347,529	46,431
	2013	2,370,004	357,879	1,196,809	..	1,531,074	51,962
	2014	2,534,918	270,788	1,211,853	..	1,593,853	53,303
	2015	2,419,659	327,148	1,177,257	..	1,569,550	51,747
Myanmar	2012	471,228	..	398,510	..	72,718	1,384
	2013	483,794	..	398,390	..	85,404	1,612
	2014	594,533	..	496,360	..	98,173	1,837
	2015	713,772	..	493,249	..	220,523	4,092
Oman	2012	1,218,502	80,730	452,862	..	846,370	238,737
	2013	1,317,306	80,730	470,376	..	927,660	237,441
	2014	1,260,364	81,558	427,842	..	914,080	215,786
	2015	1,556,312	82,386	409,911	..	1,228,787	273,639
Other Asia	2012	14,806	629,062	..	27,671	616,197	26,442
	2013	12,764	633,001	..	34,972	610,793	26,173
	2014	12,706	666,548	..	44,223	635,031	27,183
	2015	12,519	713,974	..	38,348	688,145	29,432
Pakistan	2012	1,556,891	..	..	-370	1,557,261	8,779
	2013	1,544,327	..	..	561	1,543,766	8,520
	2014	1,515,453	..	..	-1,232	1,516,685	8,196
	2015	1,531,781	..	..	-1,239	1,533,020	8,114
Philippines	2012	148,686	..	..	..	148,686	1,549
	2013	136,952	..	..	..	136,952	1,404
	2014	144,030	..	..	..	144,030	1,453
	2015	135,403	..	..	..	135,403	1,345
Qatar	2012	6,572,435	..	4,912,283	..	1,660,152	823,642
	2013	6,687,240	..	5,282,840	..	1,404,400	668,352
	2014	6,623,756	..	4,633,333	..	1,990,423	916,374
	2015	6,791,779	..	4,766,688	..	2,025,091	905,937
Saudi Arabia	2012	3,081,481	..	..	..	3,081,481	104,471
	2013	3,114,266	..	..	..	3,114,266	103,118
	2014	3,234,801	..	..	..	3,234,801	104,732
	2015	4,675,928	..	..	..	4,675,928	148,252
Singapore	2012	..	367,584	..	..	367,584	69,362
	2013	..	413,405	..	..	413,405	76,485
	2014	..	431,961	..	4,103	427,857	77,699
	2015	..	433,824	..	-1,101	434,925	77,613

Table 27

Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Syrian Arab Republic	2012	243,165	0	..	..	243,165	12,171
	2013	199,810	0	..	..	199,810	10,341
	2014	184,730	0	..	..	184,730	9,840
	2015	162,110	..	..	..	162,110	8,762
Tajikistan	2012	422	5,054	..	..	5,476	690
	2013	144	..	..	..	144	18
	2014	122	..	..	..	122	15
	2015	156	..	..	..	156	18
Thailand	2012	*1,332,995	383,142	..	..	*1,716,137	*25,551
	2013	1,320,549	440,315	..	..	1,760,864	26,106
	2014	1,348,418	411,810	..	..	1,760,228	25,990
	2015	1,199,937	556,232	..	..	1,756,169	25,841
Turkey	2012	24,223	1,759,024	23,591	26,233	1,733,423	23,159
	2013	20,592	1,733,986	26,120	-18,637	1,747,095	22,921
	2014	18,357	1,886,840	24,231	10,651	1,870,315	24,126
	2015	14,584	1,855,031	23,899	13,608	1,832,108	23,290
Turkmenistan	2012	2,616,235	..	1,700,134	..	916,101	177,095
	2013	2,972,013	..	2,031,470	..	940,543	179,490
	2014	3,033,014	..	2,078,697	..	954,317	179,816
	2015	3,171,309	..	2,178,093	..	993,216	184,836
United Arab Emirates	2012	2,118,840	1,100,431	523,662	..	2,695,610	301,100
	2013	2,130,547	1,133,443	491,274	..	2,772,715	306,717
	2014	2,116,679	1,006,742	527,564	..	2,595,856	285,694
	2015	2,348,323	1,057,469	515,077	..	2,890,715	315,685
Uzbekistan	2012	2,383,597	..	386,468	..	1,997,129	69,848
	2013	2,259,321	..	511,502	..	1,747,819	60,200
	2014	2,339,267	..	556,968	..	1,782,299	60,479
	2015	2,356,531	..	609,389	..	1,747,142	58,446
Viet Nam	2012	365,041	..	..	..	365,041	4,041
	2013	380,494	..	..	..	380,494	4,164
	2014	398,404	..	..	..	398,404	4,311
	2015	415,964	..	..	..	415,964	4,451
Yemen	2012	304,674	..	273,805	..	30,869	1,241
	2013	414,119	..	373,229	..	40,890	1,601
	2014	390,467	..	352,783	..	37,684	1,439
	2015	114,254	..	76,169	..	38,085	1,419
Europe	2012	36,791,240	18,652,235	15,892,763	-29,671	39,580,383	53,701
	2013	37,150,067	18,458,099	16,570,755	-124,426	39,161,837	53,094
	2014	35,331,782	16,964,472	15,584,271	-22,587	36,734,569	49,772
	2015	34,881,980	17,802,932	16,548,452	75,978	36,060,482	48,702
Albania	2012	614	..	..	..	614	213
	2013	678	..	..	..	678	235
	2014	1,155	..	..	..	1,155	400
	2015	1,273	..	..	..	1,273	439
Austria	2012	68,829	541,128	243,589	25,532	340,836	40,309
	2013	55,388	396,671	151,273	-27,669	328,455	38,701
	2014	50,476	386,748	96,661	40,749	299,814	35,202
	2015	48,263	438,718	206,637	-39,579	319,923	37,442
Belarus	2012	8,420	782,173	..	2,626	787,967	83,023
	2013	8,806	782,482	..	-3,785	795,073	83,716
	2014	8,574	774,448	..	-5,909	788,931	83,042
	2015	8,690	725,707	..	-4,094	738,491	77,770

Table 27

Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Belgium	2012	..	709,784	50,174	-9,272	668,882	60,371
	2013	..	714,074	36,740	3,476	673,858	60,419
	2014	..	630,644	33,730	6,915	589,999	52,555
	2015	..	712,575	67,209	-4,384	649,750	57,504
Bosnia and Herzegovina	2012	..	9,730	..	..	9,730	2,542
	2013	..	7,572	..	..	7,572	1,980
	2014	..	7,043	..	..	7,043	1,845
	2015	..	8,254	..	..	8,254	2,166
Bulgaria	2012	14,341	95,029	..	-4,658	114,028	15,612
	2013	10,879	103,540	..	2,876	111,543	15,380
	2014	7,419	103,460	73	898	109,908	15,262
	2015	3,931	117,186	91	318	120,708	16,883
Croatia	2012	76,050	51,291	9,701	5,376	112,264	26,187
	2013	70,119	47,993	14,208	-2,248	106,152	24,851
	2014	67,163	43,542	16,681	81	93,943	22,074
	2015	68,450	40,371	14,124	-2,153	96,850	22,840
Czechia	2012	9,951	284,123	284	-25,156	318,946	30,246
	2013	9,579	324,154	310	10,276	323,147	30,644
	2014	9,859	276,915	45	-863	287,592	27,279
	2015	9,529	286,767	0	-5,282	301,578	28,604
Denmark	2012	240,000	38,228	124,354	-8,221	162,095	28,941
	2013	199,194	55,984	91,820	9,099	154,259	27,427
	2014	192,510	26,024	87,155	936	130,443	23,100
	2015	192,789	27,493	91,499	-3,912	132,695	23,407
Estonia	2012	..	25,372	..	..	25,372	19,163
	2013	..	25,814	..	..	25,814	19,555
	2014	..	20,262	..	..	20,262	15,394
	2015	..	18,164	..	..	18,164	13,839
Finland	2012	19	139,799	2	..	139,816	25,774
	2013	127	132,901	20	..	133,008	24,391
	2014	135	116,925	11	..	117,049	21,361
	2015	302	104,042	11	..	104,333	18,958
France	2012	21,021	1,970,780	253,152	-39,363	1,778,012	27,957
	2013	13,511	1,978,049	209,898	-32,994	1,814,656	28,406
	2014	702	1,867,235	295,551	55,968	1,516,418	23,635
	2015	1,186	1,835,217	226,317	-20,279	1,630,365	24,559
Germany	2012	445,142	3,446,585	663,468	-19,736	3,247,995	40,359
	2013	412,433	3,812,138	856,197	-32,341	3,400,715	42,210
	2014	319,315	3,504,877	868,427	7,587	2,948,178	36,557
	2015	294,709	3,996,950	1,267,332	-6,653	3,030,980	37,564
Greece	2012	321	170,908	..	868	170,361	15,334
	2013	270	150,477	..	195	150,552	13,618
	2014	253	114,747	..	-570	115,570	10,506
	2015	219	124,377	..	66	124,530	11,368
Hungary	2012	82,252	313,776	32,128	-25,796	389,696	39,133
	2013	71,840	314,831	56,337	-28,059	358,393	36,112
	2014	66,863	345,937	28,733	59,282	324,785	32,841
	2015	63,688	264,077	21,315	-41,978	348,428	35,355
Ireland	2012	7,896	178,557	..	-689	187,142	40,092
	2013	6,751	172,594	..	966	178,379	38,186
	2014	5,711	167,089	..	-372	173,172	37,041
	2015	4,989	168,442	..	-1,124	174,555	37,231

Table 27

Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Italy	2012	327,851	2,580,323	5,296	48,615	2,854,263	47,755
	2013	294,704	2,360,905	8,687	-22,708	2,669,630	44,641
	2014	272,377	2,124,342	9,030	28,842	2,358,847	39,432
	2015	257,975	2,334,234	8,420	11,163	2,572,626	42,999
Latvia	2012	..	64,115	..	7,772	56,343	27,659
	2013	..	64,778	..	8,736	56,042	27,856
	2014	..	36,291	..	-14,027	50,318	25,294
	2015	..	50,364	..	-733	51,097	25,931
Liechtenstein	2012	..	*973	..	..	*973	*26,452
	2013	..	1,032	..	..	1,032	27,870
	2014	..	*859	..	..	*859	*23,025
	2015	..	916	..	..	916	24,414
Lithuania	2012	..	123,540	..	74	123,466	40,930
	2013	..	100,731	..	38	100,693	33,974
	2014	..	99,725	37	3,647	96,041	32,927
	2015	..	99,602	3,706	-283	96,179	33,414
Luxembourg	2012	169	48,895	..	..	49,064	92,143
	2013	176	41,398	..	..	41,574	76,299
	2014	190	39,224	..	..	39,414	70,816
	2015	222	35,771	..	..	35,993	63,467
Netherlands	2012	2,681,728	869,744	2,013,973	3,963	1,533,536	91,558
	2013	2,881,835	899,944	2,230,449	-7,059	1,558,389	92,711
	2014	2,343,041	970,952	1,958,572	3,659	1,351,762	80,138
	2015	1,826,535	1,263,148	1,698,986	33,425	1,357,272	80,194
Norway	2012	4,687,823	..	4,474,726	-788	213,885	42,620
	2013	4,447,408	..	4,180,121	471	266,816	52,487
	2014	4,418,921	..	4,189,149	-8	229,780	44,635
	2015	4,750,857	587	4,501,714	-981	250,711	48,112
Poland	2012	181,744	467,218	119	12,436	636,407	16,483
	2013	177,852	477,723	3,582	13,002	638,991	16,546
	2014	173,349	451,673	2,880	-1,432	623,574	16,146
	2015	171,329	464,842	2,112	-6,790	640,849	16,597
Portugal	2012	..	182,460	..	-486	182,946	17,399
	2013	..	177,377	..	2,654	174,723	16,704
	2014	..	161,638	..	58	161,580	15,533
	2015	..	189,121	..	-407	189,528	18,312
Republic of Moldova	2012	4	37,091	..	1	37,094	9,103
	2013	4	34,921	..	-66	34,991	8,589
	2014	3	35,655	..	44	35,614	8,745
	2015	3	34,146	..	-48	34,197	8,404
Romania	2012	403,919	106,877	..	9,432	501,364	25,137
	2013	400,076	54,207	..	-3,425	457,708	23,123
	2014	407,772	21,643	..	-5,510	434,925	22,132
	2015	408,689	7,512	38	957	415,206	21,280
Russian Federation	2012	25,157,696	307,331	7,388,394	67,870	18,008,763	125,683
	2013	25,786,288	313,371	8,099,677	34,545	17,965,437	125,311
	2014	24,717,453	328,549	7,247,337	-130,976	17,929,641	125,007
	2015	24,391,734	336,386	7,674,559	108,497	16,945,064	118,120
Serbia	2012	19,762	66,297	..	8,005	78,054	8,689
	2013	19,676	69,916	..	2,760	86,832	9,715
	2014	20,639	51,661	..	-2,548	74,848	8,417
	2015	21,207	64,461	..	4,242	81,426	9,200

Table 27

Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Slovakia	2012	5,917	184,190	1,803	-14,771	203,075	37,499
	2013	4,856	202,729	577	-5,032	212,040	39,127
	2014	3,900	184,049	116	12,344	175,489	32,361
	2015	3,620	171,542	0	-5,310	180,472	33,259
Slovenia	2012	80	32,953	..	..	33,033	16,013
	2013	120	32,065	..	..	32,185	15,587
	2014	120	29,002	..	..	29,122	14,095
	2015	120	30,784	..	..	30,904	14,947
Spain	2012	2,409	1,419,084	113,118	-20,905	1,329,280	28,503
	2013	2,318	1,436,380	236,069	-14,468	1,217,097	26,199
	2014	968	1,472,594	332,704	39,902	1,100,956	23,799
	2015	2,516	1,311,020	205,013	-32,990	1,141,513	24,750
Sweden	2012	..	46,827	..	..	46,827	4,907
	2013	..	44,440	..	..	44,440	4,618
	2014	..	36,939	..	..	36,939	3,807
	2015	..	33,662	..	..	33,662	3,442
Switzerland	2012	356	136,134	..	..	136,490	16,935
	2013	511	143,363	..	..	143,874	17,641
	2014	767	124,205	..	..	124,972	15,151
	2015	944	132,689	..	..	133,633	16,030
T.F.Yug.Rep. Macedonia	2012	..	5,325	..	0	5,324	2,573
	2013	..	6,031	..	4	6,028	2,908
	2014	..	5,164	..	-7	5,171	2,491
	2015	..	5,201	..	2	5,200	2,502
Ukraine	2012	716,824	1,237,329	0	-47,651	2,001,804	44,170
	2013	745,543	1,051,134	0	-38,787	1,835,464	40,639
	2014	700,102	731,493	..	-124,268	1,555,863	34,573
	2015	689,341	618,333	..	95,251	1,212,423	27,049
United Kingdom	2012	1,630,102	1,978,266	518,482	-4,749	3,094,635	48,678
	2013	1,529,125	1,926,379	394,790	5,117	3,055,597	47,777
	2014	1,542,045	1,672,918	417,379	2,991	2,794,593	43,441
	2015	1,658,870	1,750,270	559,369	-963	2,850,734	44,050
Oceania	2012	2,304,847	232,449	1,026,310	-1,945	1,512,931	40,233
	2013	2,618,256	260,670	1,278,563	2,038	1,598,325	41,859
	2014	2,728,742	277,522	1,321,271	-367	1,685,360	43,485
	2015	2,875,846	238,988	1,420,579	-2,117	1,696,372	43,132
Australia	2012	2,122,863	232,449	1,026,310	..	1,329,002	58,006
	2013	2,425,770	260,670	1,278,563	..	1,407,877	60,501
	2014	2,461,826	277,519	1,264,582	..	1,474,763	62,431
	2015	2,622,740	238,988	1,362,579	..	1,499,149	62,545
Fiji	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
	2014	..	3	..	..	3	3
	2015	..	0	..	..	0	0
New Zealand	2012	176,667	..	..	-1,945	178,612	40,265
	2013	187,169	..	..	2,038	185,131	41,460
	2014	204,030	..	..	-367	204,397	45,467
	2015	188,106	..	..	-2,117	190,223	42,006
Papua New Guinea	2012	5,317	..	..	..	5,317	743
	2013	5,317	..	..	..	5,317	728
	2014	62,886	..	56,689	..	6,197	830
	2015	*65,000	..	*58,000	..	*7,000	*919

Table 28

**International trade of natural gas
(Principal importers/exporters)**

Terajoules

2014

Importers	Exporters							
	World	Algeria	Australia	Bolivia (Plur. State of)	Canada	Germany	Indonesia	Malaysia
Argentina	453,541	..	..	186,083	..	..	..	..
Austria	386,748	..	..	..	..	..	..	..
Belarus	774,448	..	..	..	..	..	..	..
Belgium	626,763	4,620	..	..	..	46,548	..	..
Brazil	748,204	7,332	..	352,215	..	..	..	..
Canada	837,699	..	..	..	..	..	..	..
China	2,204,773	16,912	152,084	..	..	..	100,401	120,861
Czechia	276,915	..	..	..	..	27,603	..	..
France	1,867,235	124,340	..	..	..	180,277	..	..
Germany	3,504,877	..	..	..	..	..	..	..
Hungary	345,937	..	..	..	..	..	..	..
India	603,655	5,904	..	..	..	..	519	..
Italy	2,124,342	226,189	..	..	..	48,503	..	..
Japan	4,851,256	40,492	751,935	..	..	..	224,304	582,896
Kazakhstan	162,714	..	..	..	..	..	..	..
Korea, Republic of	2,047,587	18,262	52,202	..	..	..	202,164	145,447
Malaysia	270,788	14,798	2,501	..	..	..	77,129	..
Mexico	1,099,188	..	..	..	2,041	..	1,853	..
Netherlands	970,952	12,795	..	..	..	32,438	..	..
Poland	451,673	..	..	..	..	1,639	..	..
Portugal	161,638	2,236	..	..	..	..	..	..
Russian Federation	328,549	..	..	..	..	..	..	..
Singapore	431,961	..	..	..	..	..	235,160	53,193
Slovakia	184,049	..	..	..	..	5,447	..	..
Spain	1,472,594	659,053	..	..	..	..	..	..
Thailand	411,810	3,527	1,733	..	..	..	1,756	2,357
Turkey	1,886,840	40,504	..	..	..	..	..	..
Ukraine	731,493	..	..	..	..	73,457	..	..
United Arab Emirates	1,006,742	..	..	..	..	..	..	..
United Kingdom	1,669,594	6,239	..	..	..	1,050	..	..
United States	2,896,914	3,192	..	..	1,054,063	1,089	..	..

**International trade of natural gas
(Principal importers/exporters)**

Terajoules

2014

Exporters							
Netherlands	Nigeria	Norway	Qatar	Russian Federation	Trinidad and Tobago	Turkmenistan	United States
..	24,310	4,819	42,404	..	85,920	..	..
..
..	..	..	..	554,473	..	..	..
*258,629	..	*216,103	41,686	2,107	..	..	..
2,650	49,266	21,551	6,747	..	42,307	..	..
..	..	..	..	..	13,462	..	317,760
..	29,687	7,274	285,064	5,104	4,363	731,386	30,034
3,286	..	..	..	159,483	..	..	..
5,194	21,309	31,174	23,772	5,951	1,690	..	12,666
20,989	..	1,690	..	3,844	..	..	1,120
..	..	..	..	177,596	..	..	..
..	33,812	3,286	*557,870	..	2,255	..	..
186,001	..	74,733	111,210	681,935	2,142	..	..
..	187,714	13,829	757,226	329,708	4,690	..	70,390
..	..	..	..	54,551	..	17,934	..
..	136,199	3,715	532,504	74,667	4,952	..	15,113
..	9,412	2,369	2,357	..	..	..	..
..	23,830	632	9,603	..	11,468	..	302,815
..	2,505	419,253	..	149,669	3,009	..	43,380
718	..	406	..	40,547	..	..	..
496	144	2,162	..	..	394	..	8,070
..
..	..	..	..	..	14,410	..	..
..	..	..	..	139,367	..	..	..
2,294	85,292	107,117	90,384	698	49,927	..	7,855
..	9,228	..	62,207	2,451	2,158	..	..
..	1,159	17,329	..	44,406	..	..	320
..	..	23,534	..	388,985	..	..	..
..	..	..	731,430	..	..	..	..
212,891	2,579	781,559	275,878	3,016	11,933	..	1,592
1,647	6,197	7,402	..	..	43,910	..	..

Table 28

**International trade of natural gas
(Principal importers/exporters)**

Terajoules

2015

Importers	Exporters							
	World	Algeria	Australia	Bolivia (Plur. State of)	Canada	Germany	Indonesia	Malaysia
Argentina	438,916	..	..	180,656	..	..	..	..
Austria	438,718	..	..	..	..	..	..	..
Belarus	725,707	..	..	..	..	..	..	..
Belgium	712,575	2,201	..	..	..	16,674	..	..
Brazil	712,865	7,305	..	359,941	..	..	..	..
Canada	758,336	..	..	..	..	..	..	..
China	2,279,548	26,062	224,859	..	..	..	111,971	133,998
Czechia	286,767	..	..	..	..	82,779	..	..
France	1,835,217	117,020	..	..	..	130,787	..	..
Germany	3,996,950	..	..	..	..	..	..	..
Hungary	264,077	..	..	..	..	..	..	..
India	*792,217	468	..	..	..	..	10,103	..
Italy	2,334,234	*234,126	..	..	..	*58,532	..	..
Japan	4,544,148	43,302	755,794	..	..	..	228,218	607,596
Kazakhstan	227,408	..	..	..	..	..	..	..
Korea, Republic of	1,811,665	17,606	78,698	..	..	..	147,339	145,626
Malaysia	327,148	15,394	12,046	..	..	..	46,884	..
Mexico	1,403,732	..	..	..	379	..	851	..
Netherlands	1,263,148	10,216	..	..	..	40,114	..	..
Poland	464,842	..	..	..	..	2,006	..	..
Portugal	189,121	*2,341	..	..	..	..	..	..
Russian Federation	336,386	..	..	..	..	..	..	..
Singapore	433,824	..	..	..	..	..	*215,743	45,233
Slovakia	171,542	..	..	..	..	10,309	..	..
Spain	1,311,020	576,520	..	..	..	..	..	..
Thailand	556,232	..	7,773	..	..	..	2,626	4,878
Turkey	1,855,031	45,288	..	..	..	..	..	..
Ukraine	618,333	..	..	..	..	91,192	..	..
United Arab Emirates	1,057,469	..	..	..	..	..	..	..
United Kingdom	1,750,270	12,846	..	..	..	2,595	..	..
United States	2,925,935	..	..	..	838,019	23	..	..

**International trade of natural gas
(Principal importers/exporters)**

Terajoules

2015

Exporters							
Netherlands	Nigeria	Norway	Qatar	Russian Federation	Trinidad and Tobago	Turkmenistan	United States
..	31,217	19,261	13,447	..	72,638	..	..
..
..	..	..	..	521,680	..	..	..
273,896	..	279,203	45,526	2,536	..	..	..
3,879	64,857	26,768	42,806	..	51,430	..	..
..	..	..	..	..	7,032	..	176,266
..	35,513	7,344	222,041	7,773	2,232	796,145	111,561
3,239	..	..	..	158,944	..	..	..
4,710	22,191	30,624	5,549	10,079	324	..	9,833
21,645	..	1,377	..	5,100	..	..	3,516
..	..	..	..	*177,546	..	..	..
..	62,449	1,467	476,517	..	6,005	..	..
*189,876	..	*78,042	*117,063	*70,238	..	..	..
..	188,296	4,183	668,945	295,424	2,333	..	99,090
..	..	..	..	74,671	..	8,932	..
..	60,510	..	514,699	104,537	2,131	..	61,318
..	2,240	4,780	4,796	..	..	..	..
129	10,988	441	3,239	..	7,504	..	280,608
..	4,909	522,749	..	194,387	5,900	..	53,443
874	..	250	..	43,083	..	..	..
..	..	..	..	..	..	..	*11,706
..
..	..	..	20,517	..	2,380	..	..
..	..	..	..	105,009	..	..	..
1,104	104,955	67,245	84,168	66	34,697	..	14,672
..	5,123	..	93,576	..	..	..	..
..	2,954	17,751	..	34,994	..	..	10,945
..	..	54,707	..	175,505	..	..	..
..	..	..	*741,399	..	..	..	..
90,478	..	883,857	351,099	2,458	6,794	..	6,965
86	6,005	10,863	..	..	45,374	..	..

Table 29

Production of manufactured and recovered gases - by type

Table Notes

Production refers to gasworks gas, coke oven gas, blast furnace gas and other recovered gases.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Figure 71: Production of manufactured and recovered gases by region, 1990-2015

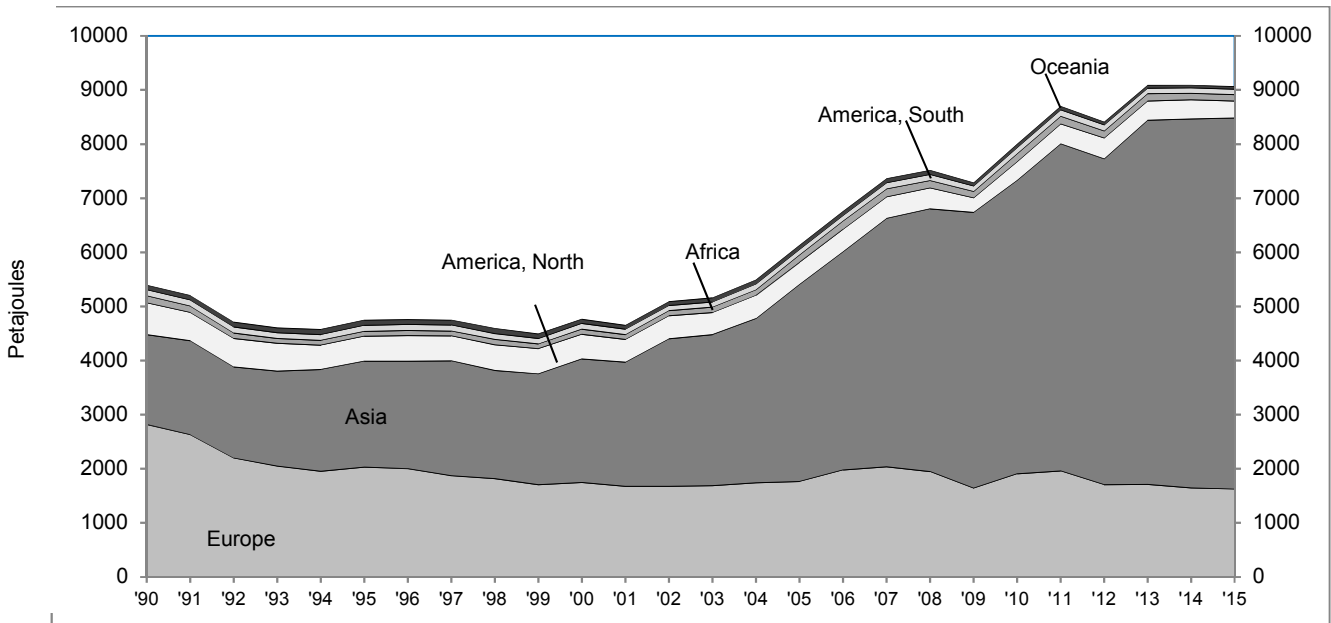
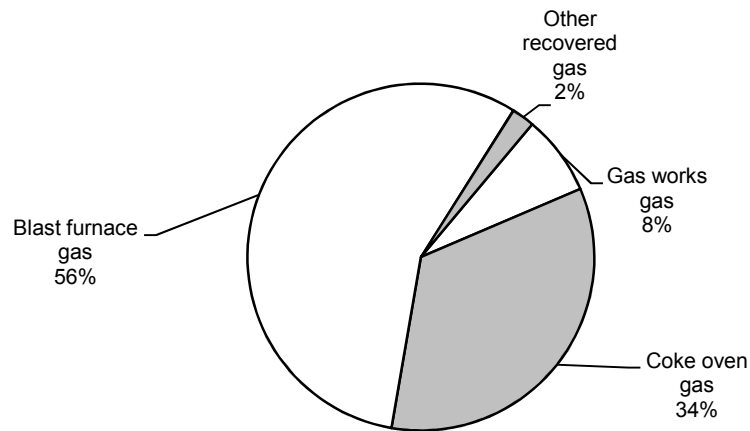


Figure 72: World production of manufactured and recovered gases by type, 2015



Production of manufactured and recovered gases - by type

Terajoules

Country or area	Year	Total	Gas works gas	Coke oven gas	Blast furnace gas	Other recovered gas
World	2012	8,403,364	593,412	3,143,068	4,504,254	162,630
	2013	9,083,318	644,864	3,251,937	5,016,087	170,430
	2014	9,088,662	661,869	3,189,459	5,057,484	179,850
	2015	9,062,887	675,933	3,095,528	5,096,733	194,693
Africa	2012	131,387	76,066	23,602	31,719	..
	2013	134,702	78,519	25,260	30,923	..
	2014	121,081	70,515	22,628	27,938	..
	2015	121,153	70,609	22,926	27,618	..
Algeria	2012	4,880	..	0	4,880	..
	2013	2,515	..	0	2,515	..
	2014	2,042	..	0	2,042	..
	2015	1,872	..	0	1,872	..
Egypt	2012	4,983	84	..	4,899	..
	2013	4,964	65	..	4,899	..
	2014	4,992	93	..	4,899	..
	2015	4,526	74	..	4,452	..
South Africa	2012	120,147	75,982	22,225	21,940	..
	2013	125,785	78,454	23,822	23,509	..
	2014	112,696	70,422	21,277	20,997	..
	2015	113,391	70,535	21,562	21,294	..
Zimbabwe	2012	1,377	..	1,377	..	..
	2013	1,438	..	1,438	..	..
	2014	1,351	..	1,351	..	..
	2015	1,364	..	1,364	..	..
America, North	2012	383,483	57,614	132,171	193,698	..
	2013	353,029	51,244	127,794	173,991	..
	2014	350,023	53,629	121,740	174,654	..
	2015	313,942	53,682	103,792	156,468	..
Canada	2012	51,054	..	26,481	24,573	..
	2013	45,834	..	24,595	21,239	..
	2014	46,312	..	22,984	23,328	..
	2015	43,138	..	22,595	20,543	..
Costa Rica	2012	848	..	..	848	..
	2013	1,075	..	..	1,075	..
	2014	1,052	..	..	1,052	..
	2015	1,028	..	..	1,028	..
Cuba	2012	4,086	4,063	..	23	..
	2013	4,159	4,148	..	11	..
	2014	3,807	3,796	..	*11	..
	2015	3,647	3,636	..	*11	..
Mexico	2012	34,977	..	15,429	19,548	..
	2013	37,047	..	16,398	20,649	..
	2014	38,328	..	16,502	21,826	..
	2015	34,848	..	14,770	20,078	..
United States	2012	292,518	53,551	90,261	148,706	..
	2013	264,914	47,096	86,801	131,017	..
	2014	260,524	49,833	82,254	128,437	..
	2015	231,281	50,046	66,427	114,808	..
America, South	2012	108,134	639	89,955	17,540	..
	2013	102,482	598	87,014	14,870	..
	2014	101,114	567	85,689	14,858	..
	2015	96,511	364	82,447	13,700	..

Table 29

Production of manufactured and recovered gases - by type

Terajoules

Country or area	Year	Total	Gas works gas	Coke oven gas	Blast furnace gas	Other recovered gas
Argentina	2012	15,510	..	6,048	9,462	..
	2013	14,905	..	5,443	9,462	..
	2014	15,642	..	5,629	10,013	..
	2015	14,888	..	5,714	9,174	..
Brazil	2012	75,987	..	75,987	..	..
	2013	73,712	..	73,712	..	..
	2014	74,561	..	74,561	..	..
	2015	71,578	..	71,578	..	..
Chile	2012	10,949	639	3,964	6,346	..
	2013	8,624	598	4,160	3,866	..
	2014	8,228	567	3,991	3,670	..
	2015	7,293	364	3,608	3,321	..
Colombia	2012	5,688	..	3,956	1,732	..
	2013	5,241	..	3,699	1,542	..
	2014	2,683	..	1,508	1,175	..
	2015	2,752	..	1,547	1,205	..
Asia	2012	6,022,048	432,404	2,106,386	3,384,405	98,853
	2013	6,726,645	488,669	2,224,194	3,906,638	107,144
	2014	6,816,885	510,581	2,231,148	3,965,387	109,769
	2015	6,853,236	527,249	2,185,227	4,035,301	105,459
China	2012	4,136,293	399,882	1,437,323	2,299,088	..
	2013	4,738,852	455,941	1,536,283	2,746,628	..
	2014	4,977,099	477,518	1,543,031	2,956,550	..
	2015	4,837,464	494,572	1,477,609	2,865,283	..
China, Hong Kong SAR	2012	*28,360	*28,360	..	..	..
	2013	28,556	28,556	..	..	..
	2014	28,835	28,835	..	..	..
	2015	28,403	28,403	..	..	..
India	2012	378,369	862	116,299	261,208	..
	2013	430,675	872	127,385	302,418	..
	2014	*251,226	928	*108,998	*141,300	..
	2015	*482,325	*974	*148,443	*332,908	..
Indonesia	2012	*3,300	*3,300	..	..	..
	2013	*3,300	*3,300	..	..	..
	2014	*3,300	*3,300	..	..	..
	2015	*3,300	*3,300	..	..	..
Iran (Islamic Rep. of)	2012	19,867	..	3,131	16,736	..
	2013	26,265	..	5,365	20,900	..
	2014	30,799	..	6,943	23,856	..
	2015	26,953	..	6,841	20,112	..
Japan	2012	844,497	..	333,791	442,758	67,948
	2013	893,201	..	334,640	488,319	70,242
	2014	854,330	..	322,102	461,735	70,493
	2015	811,734	..	305,067	440,073	66,594
Kazakhstan	2012	34,176	..	15,540	18,636	..
	2013	22,569	..	8,690	13,879	..
	2014	36,051	..	15,983	20,068	..
	2015	36,080	..	15,917	20,163	..
Korea, Dem.Ppl's.Rep.	2012	1,844	..	..	1,844	..
	2013	1,826	..	..	1,826	..
	2014	1,841	..	..	1,841	..
	2015	1,628	..	..	1,628	..

Production of manufactured and recovered gases - by type

Terajoules

Country or area	Year	Total	Gas works gas	Coke oven gas	Blast furnace gas	Other recovered gas
Korea, Republic of	2012	382,844	..	126,679	234,178	21,987
	2013	366,032	..	126,773	212,335	26,924
	2014	405,263	..	146,697	230,682	27,884
	2015	398,071	..	147,921	222,139	28,011
Other Asia	2012	112,234	..	44,465	58,851	8,918
	2013	130,496	..	53,353	67,165	9,978
	2014	135,822	..	53,610	70,820	11,392
	2015	132,220	..	50,731	70,635	10,854
Pakistan	2012	1,669	..	..	1,669	..
	2013	699	..	..	699	..
	2014	2,436	..	..	2,436	..
	2015	2,549	..	..	2,549	..
Philippines	2012	2,414	..	..	2,414	..
	2013	2,436	..	..	2,436	..
	2014	3,294	..	..	3,294	..
	2015	2,820	..	..	2,820	..
Syrian Arab Republic	2012	6	..	..	6	..
	2013	6	..	..	6	..
	2014	6	..	..	6	..
	2015	6	..	..	6	..
Thailand	2012	305	..	..	305	..
	2013	327	..	..	327	..
	2014	372	..	..	372	..
	2015	338	..	..	338	..
Turkey	2012	75,870	..	29,158	46,712	..
	2013	81,405	..	31,705	49,700	..
	2014	86,211	..	33,784	52,427	..
	2015	89,345	..	32,698	56,647	..
Europe	2012	1,704,105	26,524	765,129	848,958	63,494
	2013	1,714,307	25,726	761,707	863,864	63,010
	2014	1,650,011	26,464	703,123	850,612	69,812
	2015	1,628,367	23,974	675,561	839,862	88,970
Austria	2012	43,647	..	10,696	32,951	..
	2013	45,656	..	10,323	35,333	..
	2014	44,905	..	10,087	34,818	..
	2015	43,963	..	10,337	33,626	..
Belgium	2012	39,536	..	15,171	21,190	3,175
	2013	39,523	..	14,613	21,684	3,226
	2014	38,180	..	12,529	22,171	3,480
	2015	35,518	..	10,742	21,477	3,299
Bosnia and Herzegovina	2012	10,642	..	5,778	4,864	..
	2013	*11,258	..	*6,265	*4,993	..
	2014	*11,300	..	*6,300	*5,000	..
	2015	*11,350	..	*6,300	*5,050	..
Croatia	2012	109	109	..	..	..
	2013	76	76	..	..	..
	2014	42	42	..	..	..
	2015	11	11	..	..	..
Czechia	2012	62,180	16,941	19,809	20,003	5,427
	2013	63,321	16,457	20,526	20,651	5,687
	2014	64,394	17,246	20,560	20,823	5,765
	2015	61,511	17,024	18,946	19,473	6,068

Table 29

Production of manufactured and recovered gases - by type

Terajoules

Country or area	Year	Total	Gas works gas	Coke oven gas	Blast furnace gas	Other recovered gas
Denmark	2012	613	613	..	..	..
	2013	707	707	..	..	..
	2014	753	753	..	..	..
	2015	675	675	..	..	..
Estonia	2012	7,422	7,422	..	..	..
	2013	7,203	7,203	..	..	..
	2014	7,201	7,201	..	..	..
	2015	5,929	5,929	..	..	..
Finland	2012	21,663	..	8,927	10,970	1,766
	2013	21,833	..	8,316	10,249	3,268
	2014	23,146	..	8,781	10,881	3,484
	2015	23,920	..	8,848	11,436	3,636
France	2012	73,679	..	22,366	45,258	6,055
	2013	76,530	..	24,297	46,731	5,502
	2014	79,096	..	24,941	47,380	6,775
	2015	73,239	..	23,013	40,396	9,830
Germany	2012	244,869	..	66,735	158,930	19,204
	2013	251,697	..	68,582	164,517	18,598
	2014	255,120	..	72,709	163,611	18,800
	2015	261,627	..	73,796	165,776	22,055
Hungary	2012	16,665	..	9,375	7,290	..
	2013	11,949	..	8,014	3,935	..
	2014	13,791	..	8,444	5,347	..
	2015	16,789	..	9,182	7,607	..
Italy	2012	63,363	..	30,354	32,249	760
	2013	44,003	..	19,494	23,838	671
	2014	43,652	..	18,022	25,544	86
	2015	36,215	..	16,770	15,934	3,511
Netherlands	2012	54,693	..	17,691	37,002	..
	2013	53,207	..	17,570	35,637	..
	2014	54,284	..	18,096	36,188	..
	2015	54,959	..	18,259	36,700	..
Norway	2012	3,743	..	..	3,743	..
	2013	3,442	..	..	3,442	..
	2014	3,541	..	..	3,541	..
	2015	3,390	..	..	3,390	..
Poland	2012	101,515	75	72,579	22,684	6,177
	2013	105,497	73	76,493	22,530	6,401
	2014	109,793	44	77,504	25,802	6,443
	2015	112,547	5	79,263	26,470	6,809
Romania	2012	8,899	..	..	8,899	..
	2013	9,478	..	..	9,478	..
	2014	8,924	..	..	8,924	..
	2015	10,195	..	..	10,195	..
Russian Federation	2012	489,998	..	269,890	220,108	..
	2013	501,051	..	278,399	222,652	..
	2014	482,977	..	261,799	221,178	..
	2015	496,114	..	258,532	237,582	..
Serbia	2012	3,033	..	..	3,033	..
	2013	3,182	..	..	3,182	..
	2014	4,821	..	..	4,821	..
	2015	7,253	..	..	7,253	..

Production of manufactured and recovered gases - by type

Terajoules

Country or area	Year	Total	Gas works gas	Coke oven gas	Blast furnace gas	Other recovered gas
Slovakia	2012	36,529	..	12,976	21,165	2,388
	2013	36,294	..	12,695	21,056	2,543
	2014	38,153	..	12,964	21,904	3,285
	2015	37,866	..	13,709	20,114	4,043
Spain	2012	31,504	71	14,366	17,067	..
	2013	32,298	26	13,598	18,674	..
	2014	33,251	14	12,690	20,547	..
	2015	36,804	10	13,005	23,789	..
Sweden	2012	21,606	406	8,460	11,512	1,228
	2013	20,702	381	7,995	11,157	1,169
	2014	22,563	343	8,265	12,307	1,648
	2015	22,500	320	8,770	11,868	1,542
Ukraine	2012	296,158	887	150,014	127,943	17,314
	2013	288,571	803	143,771	128,052	15,945
	2014	223,703	821	98,402	104,434	20,046
	2015	198,737	..	79,704	90,856	28,177
United Kingdom	2012	72,039	..	29,942	42,097	..
	2013	86,829	..	30,756	56,073	..
	2014	86,421	..	31,030	55,391	..
	2015	77,255	..	26,385	50,870	..
Oceania	2012	54,207	165	25,825	27,934	283
	2013	52,153	108	25,968	25,801	276
	2014	49,548	113	25,131	24,035	269
	2015	49,678	55	25,575	23,784	264
Australia	2012	42,910	165	21,723	21,022	..
	2013	40,218	108	21,235	18,875	..
	2014	37,967	113	20,671	17,183	..
	2015	37,685	55	20,867	16,763	..
New Zealand	2012	11,297	..	4,102	6,912	283
	2013	11,935	..	4,733	6,926	276
	2014	11,581	..	4,460	6,852	269
	2015	11,993	..	4,708	7,021	264

Net installed capacity of electric plants - by type

Megawatts

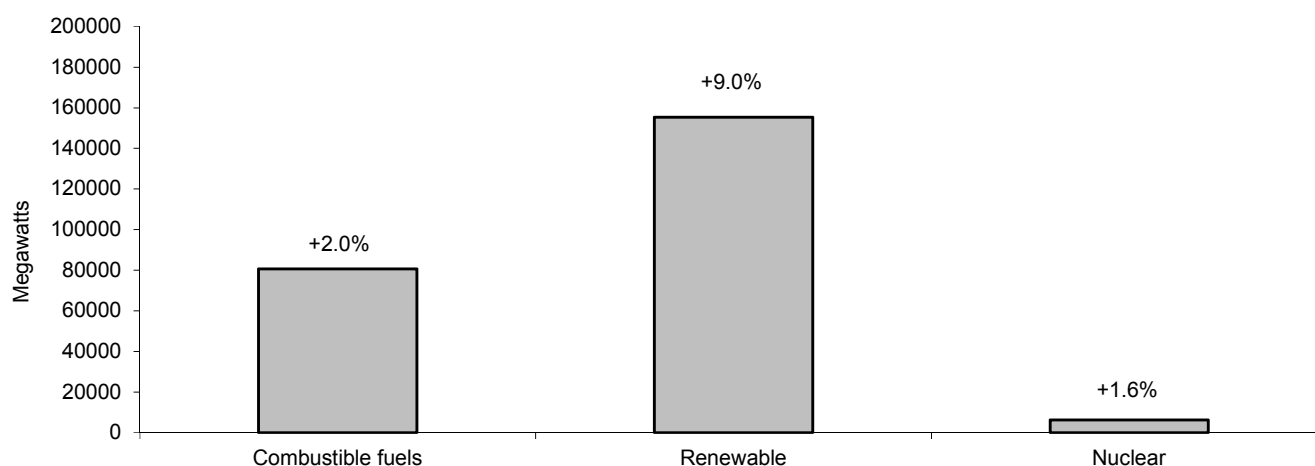
Table Notes

Electricity capacity broken down by source, and main activity producers against autoproducers. For total producers, **Other** refers to geothermal, tide, wave, marine and other non-specified net installed capacity. For autoproducers, **Other** refers to nuclear (if any), wind, solar, geothermal, tide, wave, marine and other non-specified net installed capacity. For main activity producers, **Other** refers to wind, solar, geothermal, tide, wave, marine and other non-specified net installed capacity.

For Austria data are given in gross maximum capacity.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Figure 73: Change in net installed capacity of electricity generating plants* by source, 2014-2015



* Renewable includes capacity from other sources

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
World	2012	5,660,211	3,806,593	1,091,501	378,743	268,178	96,123	19,073
	2013	5,890,038	3,916,235	1,133,521	376,648	303,598	139,879	20,156
	2014	6,191,876	4,081,075	1,177,611	383,051	352,924	175,943	21,272
	2015	6,434,906	4,161,725	1,213,070	389,293	420,318	227,843	22,657
Africa	2012	154,356	124,881	25,787	1,890	1,250	342	207
	2013	162,302	131,387	26,794	1,800	1,528	519	275
	2014	174,121	138,863	27,919	1,880	3,057	1,806	596
	2015	186,093	144,065	28,228	1,860	6,721	4,562	657
Algeria	2012	*15,620	*15,320	*300	..	..	..	..
	2013	*18,116	*17,816	*300	..	..	..	..
	2014	*19,148	*18,848	*300	..	..	..	..
	2015	*20,687	*20,333	*300	..	*10	*44	..
Angola	2012	1,530	*770	760	..	..	..	..
	2013	*1,530	*770	*760	..	..	..	..
	2014	*2,070	*770	*1,300	..	..	..	..
	2015	*2,533	*1,091	*1,442	..	..	..	..
Benin	2012	62	61	*1	..	..	..	..
	2013	208	207	*1	..	..	..	..
	2014	*245	*244	*1	..	..	..	..
	2015	*407	*312	*50	..	..	*45	..
Botswana	2012	153	152	..	..	..	1	..
	2013	753	752	..	..	..	1	..
	2014	621	620	..	..	..	1	..
	2015	621	620	..	..	..	1	..
Burkina Faso	2012	298	266	32	..	..	..	..
	2013	248	216	32	..	..	..	..
	2014	285	253	32	..	..	..	..
	2015	325	293	32	..	..	..	..
Burundi	2012	37	*5	32	..	..	..	..
	2013	39	*7	32	..	..	..	..
	2014	41	*9	32	..	..	..	..
	2015	*42	*9	*33	..	..	..	..
Cabo Verde	2012	134	102	..	..	26	6	..
	2013	142	109	..	..	26	8	..
	2014	154	121	..	..	26	8	..
	2015	162	129	..	..	26	8	..
Cameroon	2012	1,348	*620	728	..	..	..	..
	2013	1,571	839	732	..	..	..	..
	2014	*1,549	817	*732	..	..	..	..
	2015	*1,549	*817	*732	..	..	..	..
Central African Rep.	2012	*44	*19	*25	..	..	..	..
	2013	*44	*19	*25	..	..	..	..
	2014	*44	*19	*25	..	..	..	..
	2015	*44	*19	*25	..	..	..	..
Chad	2012	*41	*41	..	..	..	..	..
	2013	*86	*86	..	..	..	..	..
	2014	*86	*86	..	..	..	..	..
	2015	*86	*86	..	..	..	..	..
Comoros	2012	*23	*23	..	..	..	..	..
	2013	*24	*24	..	..	..	..	..
	2014	*25	*25	..	..	..	..	..
	2015	*26	*26	..	..	..	..	..
Congo	2012	*390	*170	*220	..	..	..	..
	2013	*390	*170	*220	..	..	..	..
	2014	*390	*170	*220	..	..	..	..
	2015	350	141	209	..	..	..	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Total	Autoproducers			Main activity producers				
	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
474,180	410,421	29,883	33,876	5,186,031	3,396,172	1,061,618	378,743	349,498
508,073	425,419	31,401	51,253	5,381,965	3,490,816	1,102,120	376,648	412,381
562,576	460,860	32,391	69,325	5,629,300	3,620,215	1,145,220	383,051	480,814
666,980	539,267	35,260	92,453	5,767,926	3,622,458	1,177,810	389,293	578,365
10,829	10,015	760	54	143,527	114,865	25,027	1,890	1,745
11,308	10,374	770	165	150,993	121,013	26,024	1,800	2,156
14,363	11,652	812	1,899	159,758	127,211	27,107	1,880	3,560
17,417	12,558	749	4,110	168,676	131,507	27,479	1,860	7,829
*2,617	*2,617	..	..	*13,003	*12,703	*300	..	..
*3,019	*3,019	..	..	*15,097	*14,797	*300	..	..
*3,191	*3,191	..	..	*15,957	*15,657	*300	..	..
*3,448	*3,448	..	..	*17,239	*16,885	*300	..	*54
*130	*130	..	..	1,400	*640	760	..	..
*130	*130	..	..	*1,400	*640	*760	..	..
*130	*130	..	..	*1,940	*640	*1,300	..	..
*184	*184	..	..	*2,349	*907	*1,442	..	..
*8	*8	..	..	54	53	*1	..	..
*8	*8	..	..	200	199	*1	..	..
*45	*45	..	..	*200	*199	*1	..	..
*45	*45	..	..	*362	*267	*50	..	*45
*20	*20	..	..	133	132	..	..	1
*20	*20	..	..	733	732	..	..	1
*20	*20	..	..	601	600	..	..	1
20	20	..	..	601	600	..	..	1
61	61	..	..	237	205	32	..	..
0	0	..	..	248	216	32	..	..
..	..	..	..	285	253	32	..	..
..	..	..	..	325	293	32	..	..
..	..	..	..	37	*5	32	..	..
..	..	..	..	39	*7	32	..	..
..	..	..	..	41	*9	32	..	..
..	..	..	..	*42	*9	*33	..	..
0	0	..	..	134	101	..	..	32
0	0	..	..	142	108	..	..	33
0	0	..	..	154	121	..	..	33
0	0	..	..	162	129	..	..	33
*300	*300	..	..	1,048	*320	728	..	..
*300	*300	..	..	1,271	539	732	..	..
*300	*300	..	..	*1,249	517	*732	..	..
*300	*300	..	..	*1,249	*517	*732	..	..
..	..	..	..	*44	*19	*25	..	..
..	..	..	..	*44	*19	*25	..	..
..	..	..	..	*44	*19	*25	..	..
..	..	..	..	*44	*19	*25	..	..
..	..	..	..	*41	*41	..	..	..
..	..	..	..	*86	*86	..	..	..
..	..	..	..	*86	*86	..	..	..
..	..	..	..	*86	*86	..	..	..
..	..	..	..	*23	*23	..	..	..
..	..	..	..	*24	*24	..	..	..
..	..	..	..	*25	*25	..	..	..
..	..	..	..	*26	*26	..	..	..
*160	*160	..	..	*230	*10	*220	..	..
*160	*160	..	..	*230	*10	*220	..	..
*160	*160	..	..	*230	*10	*220	..	..
100	100	..	..	250	41	209	..	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Côte d'Ivoire	2012	*1,414	*1,043	*371	..	..	..	..
	2013	*1,525	*1,154	*371	..	..	..	..
	2014	*1,655	*1,223	*432	..	..	..	..
	2015	1,909	1,305	604	..	..	..	..
Dem. Rep. of the Congo	2012	*2,506	*34	*2,472	..	..	..	..
	2013	*2,606	*34	*2,572	..	..	..	..
	2014	*2,606	*34	*2,572	..	..	..	..
	2015	*2,616	*43	*2,573	..	..	..	..
Djibouti	2012	130	130	..	..	..	..	..
	2013	130	130	..	..	..	..	..
	2014	130	130	..	..	..	..	..
	2015	130	130	..	..	..	..	..
Egypt	2012	31,487	28,000	2,800	..	547	140	..
	2013	32,702	29,215	2,800	..	547	140	..
	2014	35,907	32,420	2,800	..	547	140	..
	2015	39,544	35,857	2,800	..	747	140	..
Equatorial Guinea	2012	*334	*184	*150	..	..	..	..
	2013	*334	*184	*150	..	..	..	..
	2014	*334	*184	*150	..	..	..	..
	2015	*390	*205	*180	..	..	*5	..
Eritrea	2012	*140	*139	..	..	..	*1	..
	2013	*140	*139	..	..	..	*1	..
	2014	*140	*139	..	..	..	*1	..
	2015	*160	*159	..	..	..	*1	..
Ethiopia	2012	2,310	189	1,943	..	171	..	7
	2013	2,311	190	1,943	..	171	..	7
	2014	2,311	190	1,943	..	171	..	7
	2015	2,414	143	1,940	..	324	..	7
Gabon	2012	464	293	170	..	..	*1	..
	2013	514	343	170	..	..	*1	..
	2014	509	338	170	..	..	*1	..
	2015	511	340	170	..	..	*1	..
Gambia	2012	*74	*74	..	..	..	..	..
	2013	*91	*91	..	..	..	..	..
	2014	116	114	..	..	1	1	..
	2015	*116	*114	..	..	*1	*1	..
Ghana	2012	2,910	1,730	1,180	..	..	0	..
	2013	3,041	1,458	1,580	..	..	3	..
	2014	3,041	1,458	1,580	..	..	3	..
	2015	3,866	2,263	1,580	..	..	23	..
Guinea	2012	266	139	128	..	..	..	..
	2013	390	263	127	..	..	..	..
	2014	279	153	125	..	..	..	..
	2015	548	180	367	..	..	..	..
Guinea-Bissau	2012	*27	*27	..	..	..	..	..
	2013	*27	*27	..	..	..	..	..
	2014	*28	*28	..	..	..	..	..
	2015	*28	*28	..	..	..	..	..
Kenya	2012	1,611	637	770	..	*5	..	200
	2013	1,723	715	767	..	*5	..	237
	2014	2,094	734	797	..	5	..	558
	2015	2,263	819	800	..	26	..	619
Lesotho	2012	80	..	80	..	..	..	..
	2013	80	..	80	..	..	0	..
	2014	80	..	80	..	..	0	..
	2015	80	..	80	..	..	0	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
*23	*23	..	..	*1,391	*1,020	*371	..	..
*23	*23	..	..	*1,502	*1,131	*371	..	..
*23	*23	..	..	*1,632	*1,200	*432	..	..
*23	*23	..	..	1,886	1,282	604	..	..
*577	*4	*573	..	*1,929	*30	*1,899	..	..
*577	*4	*573	..	*2,029	*30	*1,999	..	..
*577	*4	*573	..	*2,029	*30	*1,999	..	..
*579	*6	*573	..	*2,037	*37	*2,000	..	..
..	..	..	..	130	130	..	..	..
..	..	..	..	130	130	..	..	..
..	..	..	..	130	130	..	..	..
..	..	..	..	130	130	..	..	..
687	687	..	..	30,800	27,313	2,800	..	687
687	687	..	..	32,015	28,528	2,800	..	687
*687	*687	..	..	35,220	31,733	2,800	..	687
*687	*687	..	..	38,857	35,170	2,800	..	887
..	..	..	..	*334	*184	*150	..	..
..	..	..	..	*334	*184	*150	..	..
..	..	..	..	*334	*184	*150	..	..
..	..	..	..	*390	*205	*180	..	*5
*6	*6	..	..	*134	*133	..	..	*1
*6	*6	..	..	*134	*133	..	..	*1
*6	*6	..	..	*134	*133	..	..	*1
*10	*10	..	..	*150	*149	..	..	*1
..	..	..	..	2,310	189	1,943	..	178
..	..	..	..	2,311	190	1,943	..	178
..	..	..	..	2,311	190	1,943	..	178
..	..	..	..	2,414	143	1,940	..	331
71	70	..	*1	393	223	170	..	..
71	70	..	*1	443	273	170	..	..
*71	*70	..	*1	438	268	170	..	..
*71	*70	..	*1	440	270	170	..	..
*34	*34	..	..	*40	*40	..	..	..
*34	*34	..	..	*57	*57	..	..	..
*34	*34	..	..	82	80	..	..	2
*34	*34	..	..	*82	*80	..	..	*2
*210	*210	..	..	2,700	1,520	1,180	..	0
*210	*210	..	..	2,831	1,248	1,580	..	3
*210	*210	..	..	2,831	1,248	1,580	..	3
*210	*210	..	..	3,656	2,053	1,580	..	23
*52	*52	..	..	214	87	128	..	..
*52	*52	..	..	338	211	127	..	..
*52	*52	..	..	227	101	125	..	..
52	52	..	..	496	128	367	..	..
*2	*2	..	..	*25	*25	..	..	..
*2	*2	..	..	*25	*25	..	..	..
*2	*2	..	..	*26	*26	..	..	..
*2	*2	..	..	*26	*26	..	..	..
..	..	..	..	1,611	637	770	..	204
..	..	..	..	1,723	715	767	..	242
..	..	..	..	2,094	734	797	..	563
..	..	..	..	2,263	819	800	..	645
..	..	..	..	80	..	80	..	..
..	..	..	..	80	..	80	..	0
..	..	..	..	80	..	80	..	0
..	..	..	..	80	..	80	..	0

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Liberia	2012	*91	*91	..	..	..	..	..
	2013	*91	*91	..	..	..	..	..
	2014	*91	*91	..	..	..	..	..
	2015	*91	*91	..	..	..	..	..
Libya	2012	8,907	8,907	..	..	..	..	..
	2013	9,455	9,455	..	..	..	..	..
	2014	9,455	9,455	..	..	..	..	..
	2015	9,455	9,455	..	..	..	..	..
Madagascar	2012	*507	*379	*128	..	0	0	..
	2013	*507	*379	*128	..	0	0	..
	2014	*507	*379	*128	..	0	0	..
	2015	*507	*379	*128	..	0	0	..
Malawi	2012	502	*211	291	..	..	..	..
	2013	502	*211	291	..	..	..	..
	2014	501	*211	290	..	..	..	..
	2015	503	*212	291	..	..	..	..
Mali	2012	689	323	367	..	..	..	..
	2013	811	363	448	..	..	..	..
	2014	*890	*400	*490	..	..	..	..
	2015	*890	*400	*490	..	..	..	..
Mauritania	2012	*196	*196	..	..	..	..	..
	2013	231	209	..	..	4	18	..
	2014	240	218	..	..	4	18	..
	2015	444	392	..	..	34	18	..
Mauritius	2012	781	718	60	..	1	1	..
	2013	778	714	61	..	1	2	..
	2014	783	703	61	..	1	18	..
	2015	792	711	61	..	1	19	..
Mayotte	2012	91	78	..	..	..	*13	..
	2013	91	78	..	..	..	13	..
	2014	*91	*78	..	..	..	13	..
	2015	*93	*80	..	..	..	13	..
Morocco	2012	6,692	4,667	1,770	..	255	..	..
	2013	7,342	5,077	1,770	..	495	..	..
	2014	7,994	5,427	1,770	..	797	..	..
	2015	8,155	5,427	1,770	..	797	161	..
Mozambique	2012	2,486	249	2,237	..	..	..	..
	2013	2,646	359	2,287	..	..	..	..
	2014	2,682	359	2,322	..	..	1	..
	2015	2,508	410	2,097	..	..	1	..
Namibia	2012	508	167	341	..	..	..	..
	2013	487	155	332	..	..	..	..
	2014	487	155	332	..	..	..	..
	2015	497	155	337	..	..	5	..
Niger	2012	*135	*134	..	..	..	*1	..
	2013	176	172	..	..	..	4	..
	2014	176	172	..	..	..	4	..
	2015	180	176	..	..	..	4	..
Nigeria	2012	*8,902	*6,972	*1,930	..	..	..	..
	2013	*9,822	*7,892	*1,930	..	..	..	..
	2014	*10,396	*8,458	*1,938	..	..	..	..
	2015	*10,396	*8,458	*1,938	..	..	..	..
Réunion	2012	810	510	133	..	15	152	..
	2013	873	564	134	..	15	160	..
	2014	827	505	134	..	15	173	..
	2015	840	505	134	..	15	187	..

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
*70	*70	..	..	*21	*21	..	..	..
*70	*70	..	..	*21	*21	..	..	..
*70	*70	..	..	*21	*21	..	..	..
*70	*70	..	..	*21	*21	..	..	..
..	..	..	..	8,907	8,907	..	..	..
..	..	..	..	9,455	9,455	..	..	..
..	..	..	..	9,455	9,455	..	..	..
..	..	..	..	9,455	9,455	..	..	..
*32	*32	..	..	*475	*347	*128	..	0
*32	*32	..	..	*475	*347	*128	..	0
*32	*32	..	..	*475	*347	*128	..	0
*32	*32	..	..	*475	*347	*128	..	0
*215	*210	*5	..	287	*1	286	..	..
*215	*210	*5	..	287	*1	286	..	..
*215	*210	5	..	287	*1	286	..	..
*215	*210	*5	..	288	2	286	..	..
97	97	..	..	592	226	367	..	..
97	97	..	..	714	266	448	..	..
*110	*110	..	..	*780	*290	*490	..	..
*110	*110	..	..	*780	*290	*490	..	..
*70	*70	..	..	*126	*126	..	..	..
*70	*70	..	..	161	139	..	..	22
*79	*79	..	..	161	139	..	..	22
*80	*80	..	..	364	312	..	..	52
274	273	..	1	506	445	60	..	1
277	275	..	2	501	439	61	..	1
293	275	..	18	490	428	61	..	1
303	284	..	19	489	427	61	..	1
..	..	..	..	91	78	..	..	*13
..	..	..	..	91	78	..	..	13
..	..	..	..	*91	*78	..	..	13
..	..	..	..	*93	*80	..	..	13
..	..	..	..	6,692	4,667	1,770	..	255
..	..	..	..	7,342	5,077	1,770	..	495
..	..	..	..	7,994	5,427	1,770	..	797
..	..	..	..	8,155	5,427	1,770	..	958
*50	..	*50	..	2,436	249	2,187	..	..
*50	..	*50	..	2,596	359	2,237	..	..
*86	..	*85	1	2,596	359	2,237	..	..
*48	*25	*22	1	2,460	385	2,075	..	..
..	..	..	..	508	167	341	..	..
..	..	..	..	487	155	332	..	..
..	..	..	..	487	155	332	..	..
..	..	..	..	497	155	337	..	5
*30	*29	..	*1	*105	*105	..	..	..
42	38	..	4	134	134	..	..	..
42	38	..	4	134	134	..	..	..
44	40	..	4	136	136	..	..	..
*2,132	*2,092	*40	..	*6,770	*4,880	*1,890	..	..
*2,132	*2,092	*40	..	*7,690	*5,800	*1,890	..	..
*3,040	*3,000	*40	..	*7,356	*5,458	*1,898	..	..
*3,040	*3,000	*40	..	*7,356	*5,458	*1,898	..	..
..	..	..	..	810	510	133	..	167
..	..	..	..	873	564	134	..	175
..	..	..	..	827	505	134	..	188
..	..	..	..	840	505	134	..	201

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Rwanda	2012	100	51	49	..	..	0	..
	2013	104	51	52	..	..	0	..
	2014	141	51	80	..	..	9	..
	2015	171	81	80	..	..	9	..
Sao Tome and Principe	2012	*20	*16	4	..	..	..	..
	2013	*20	*16	4	..	..	..	..
	2014	20	16	4	..	..	..	..
	2015	*20	*16	4	..	..	..	..
Senegal	2012	854	854	..	..	..	..	..
	2013	*854	*802	..	..	..	*21	*31
	2014	*875	*823	..	..	..	*21	*31
	2015	886	834	..	..	..	*21	*31
Seychelles	2012	79	79	..	..	0	..	..
	2013	85	79	..	..	6	..	..
	2014	87	80	..	..	6	1	..
	2015	87	80	..	..	6	1	..
Sierra Leone	2012	77	27	50	..	..	..	..
	2013	77	27	50	..	..	..	..
	2014	77	27	50	..	..	..	..
	2015	133	77	56	..	..	0	..
Somalia	2012	80	80	..	..	..	..	..
	2013	80	80	..	..	..	..	..
	2014	80	80	..	..	..	..	..
	2015	80	80	..	..	..	..	..
South Africa	2012	*44,860	*42,186	*714	*1,890	*57	*13	..
	2013	*44,260	*41,559	*714	*1,800	*57	*130	..
	2014	*48,763	*43,538	*725	*1,880	*1,250	*1,370	..
	2015	*52,103	*41,090	*840	*1,860	*4,492	*3,821	..
South Sudan	2012	*82	*80	..	..	..	*2	..
	2013	*82	*80	..	..	..	*2	..
	2014	*82	*80	..	..	..	*2	..
	2015	*85	*80	3	..	..	*2	..
St. Helena and Depend.	2012	8	8	..	..	0	0	..
	2013	8	8	..	..	0	0	..
	2014	9	8	..	..	1	0	..
	2015	10	8	..	..	*2	1	..
Sudan	2012	2,877	1,287	1,590	..	..	..	..
	2013	3,117	1,287	1,830	..	..	..	..
	2014	*3,117	*1,287	*1,830	..	..	..	..
	2015	3,227	1,634	1,593	..	..	..	..
Swaziland	2012	179	115	64	..	..	..	..
	2013	*179	*115	64	..	..	..	..
	2014	*188	*115	73	..	..	..	..
	2015	*188	*115	*73	..	..	..	..
Togo	2012	227	160	67	..	..	..	..
	2013	227	160	67	..	..	..	..
	2014	227	160	67	..	..	..	..
	2015	227	160	67	..	..	..	..
Tunisia	2012	4,279	4,041	62	..	173	3	..
	2013	4,539	4,270	62	..	200	7	..
	2014	5,005	4,695	62	..	233	15	..
	2015	5,447	5,120	62	..	240	25	..
Uganda	2012	718	136	582	..	..	..	..
	2013	828	136	692	..	..	..	..
	2014	885	190	695	..	..	..	..
	2015	896	201	695	..	..	..	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	100	51	49	..	0
..	..	..	..	104	51	52	..	0
..	..	..	..	141	51	80	..	9
..	..	..	..	171	81	80	..	9
..	..	..	..	*20	*16	4	..	..
..	..	..	..	*20	*16	4	..	..
..	..	..	..	20	16	4	..	..
..	..	..	..	*20	*16	4	..	..
365	365	..	..	489	489	..	..	..
*365	*313	..	*52	*489	*489	..	..	..
*386	*334	..	*52	*489	*489	..	..	..
*378	*326	..	*52	508	508	..	..	..
..	..	..	..	79	79	..	..	0
..	..	..	..	85	79	..	..	6
..	..	..	..	87	80	..	..	7
..	..	..	..	87	80	..	..	7
..	..	..	..	77	27	50	..	..
..	..	..	..	77	27	50	..	..
..	..	..	..	77	27	50	..	..
..	..	..	..	133	77	56	..	0
..	..	..	..	80	80	..	..	..
..	..	..	..	80	80	..	..	..
..	..	..	..	80	80	..	..	..
..	..	..	..	80	80	..	..	..
*2,076	*2,000	*36	*40	*42,784	*40,186	*678	*1,890	*30
*2,126	*2,000	*36	*90	*42,134	*39,559	*678	*1,800	*97
*3,940	*2,100	*40	*1,800	*44,823	*41,438	*685	*1,880	*820
*6,749	*2,709	*40	*4,000	*45,354	*38,381	*800	*1,860	*4,313
*41	*40	..	*1	*41	*40	..	..	*1
*41	*40	..	*1	*41	*40	..	..	*1
*41	*40	..	*1	*41	*40	..	..	*1
*41	*40	..	*1	*44	*40	3	..	*1
..	..	..	..	8	8	..	..	1
..	..	..	..	8	8	..	..	1
..	..	..	..	9	8	..	..	1
..	..	..	..	10	8	..	..	*3
..	..	..	..	2,877	1,287	1,590	..	..
..	..	..	..	3,117	1,287	1,830	..	..
..	..	..	..	*3,117	*1,287	*1,830	..	..
..	..	..	..	3,227	1,634	1,593	..	..
110	106	*4	..	70	10	60	..	..
*110	*106	*4	..	70	10	60	..	..
*110	*106	*4	..	79	10	69	..	..
*110	*106	*4	..	*79	10	*69	..	..
*8	*8	..	..	219	152	67	..	..
*8	*8	..	..	219	152	67	..	..
*8	*8	..	..	219	152	67	..	..
*8	*8	..	..	219	152	67	..	..
*162	*159	..	3	4,117	3,882	62	..	173
*205	*198	..	7	4,334	4,072	62	..	200
*213	*198	..	15	4,792	4,497	62	..	233
*223	*198	..	25	5,224	4,922	62	..	240
68	16	52	..	650	120	530	..	..
98	36	62	..	730	100	630	..	..
119	54	65	..	766	136	630	..	..
130	65	65	..	766	136	630	..	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
United Rep. of Tanzania	2012	1,114	*546	562	..	..	*6	..
	2013	1,115	*546	562	..	..	*7	..
	2014	1,115	*546	562	..	..	*7	..
	2015	1,374	800	567	..	..	*7	..
Zambia	2012	1,959	91	1,868	..	..	..	..
	2013	2,038	141	1,897	..	..	..	..
	2014	2,452	195	2,257	..	..	..	..
	2015	2,411	142	2,269	..	..	0	..
Zimbabwe	2012	*2,112	*1,355	757	..	..	..	..
	2013	*2,112	*1,355	757	..	..	..	..
	2014	1,992	1,235	757	..	..	..	..
	2015	1,992	1,235	757	..	..	..	..
America, North	2012	1,300,988	906,554	194,562	116,655	67,819	9,574	5,825
	2013	1,303,112	901,829	195,185	114,673	70,750	14,542	6,133
	2014	1,317,351	903,461	197,082	114,002	77,548	18,746	6,511
	2015	1,331,277	893,603	201,232	114,215	88,627	26,989	6,610
Anguilla	2012	28	28	..	..	..	..	..
	2013	28	28	..	..	..	..	..
	2014	28	28	..	..	..	..	..
	2015	28	28	..	..	..	..	..
Antigua and Barbuda	2012	84	84	..	..	..	..	..
	2013	119	119	..	..	..	..	..
	2014	*119	*119	..	..	..	..	..
	2015	*119	*119	..	..	..	..	..
Aruba	2012	320	290	..	..	30	..	..
	2013	288	258	..	..	30	..	..
	2014	288	258	..	..	30	..	..
	2015	288	258	..	..	30	..	..
Bahamas	2012	591	591	..	..	..	..	..
	2013	591	591	..	..	..	..	..
	2014	576	576	..	..	..	..	..
	2015	576	576	..	..	..	..	..
Barbados	2012	241	241	..	..	..	..	..
	2013	241	241	..	..	..	..	..
	2014	249	249	..	..	..	..	..
	2015	249	249	..	..	..	..	..
Belize	2012	144	91	53	..	..	..	..
	2013	143	88	55	..	..	..	..
	2014	154	99	55	..	..	..	..
	2015	154	99	55	..	..	..	..
Bermuda	2012	171	171	..	..	..	..	..
	2013	*171	*171	..	..	..	..	..
	2014	*171	*171	..	..	..	..	..
	2015	*171	*171	..	..	..	..	..
Bonaire, St Eustatius, Saba	2012	*27	*16	..	..	11	..	..
	2013	*27	*16	..	..	11	..	..
	2014	*27	*16	..	..	11	..	..
	2015	*27	*16	..	..	11	..	..
British Virgin Islands	2012	45	44	..	..	1	0	..
	2013	45	44	..	..	1	0	..
	2014	45	44	..	..	1	1	..
	2015	45	44	..	..	1	1	..
Canada	2012	131,054	34,660	75,537	13,370	6,201	766	*520
	2013	134,316	35,215	75,537	14,033	7,801	1,210	*520
	2014	137,844	36,217	75,537	14,033	9,694	1,843	*520
	2015	149,350	40,946	79,420	14,033	11,214	2,517	*1,220

Table 30

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
*26	*20	..	*6	1,088	*526	562	..	..
*27	*20	..	*7	1,088	*526	562	..	..
*27	*20	..	*7	1,088	*526	562	..	..
*27	*20	..	*7	1,347	780	567	..	..
..	..	..	..	1,959	91	1,868	..	..
..	..	..	..	2,038	141	1,897	..	..
..	..	..	..	2,452	195	2,257	..	..
..	..	..	..	2,411	142	2,269	..	0
*45	*45	..	..	*2,067	*1,310	757	..	..
*45	*45	..	..	*2,067	*1,310	757	..	..
*45	*45	..	..	1,947	1,190	757	..	..
*45	*45	..	..	1,947	1,190	757	..	..
64,069	49,870	6,212	7,987	1,236,919	856,684	188,350	116,655	75,231
63,011	47,169	6,390	9,452	1,240,101	854,660	188,795	114,673	81,972
63,862	47,842	6,082	9,938	1,253,489	855,619	191,000	114,002	92,868
69,228	48,617	6,062	14,548	1,262,049	844,986	195,170	114,215	107,679
..	..	..	..	28	28	..	..	..
..	..	..	..	28	28	..	..	..
..	..	..	..	28	28	..	..	..
..	..	..	..	28	28	..	..	..
*1	*1	..	..	83	83	..	..	..
*1	*1	..	..	118	118	..	..	..
*1	*1	..	..	*118	*118	..	..	..
*1	*1	..	..	*118	*118	..	..	..
..	..	..	..	320	290	..	..	30
..	..	..	..	288	258	..	..	30
..	..	..	..	288	258	..	..	30
..	..	..	..	288	258	..	..	30
*55	*55	..	..	536	536	..	..	..
*55	*55	..	..	536	536	..	..	..
*39	*39	..	..	537	537	..	..	..
*39	*39	..	..	537	537	..	..	..
*2	*2	..	..	239	239	..	..	..
*2	*2	..	..	239	239	..	..	..
*10	*10	..	..	239	239	..	..	..
*10	*10	..	..	239	239	..	..	..
26	26	..	..	118	65	53	..	..
23	23	..	..	120	66	55	..	..
34	34	..	..	120	66	55	..	..
34	34	..	..	120	66	55	..	..
4	4	..	..	167	167	..	..	..
*4	*4	..	..	*167	*167	..	..	..
*4	*4	..	..	*167	*167	..	..	..
*4	*4	..	..	*167	*167	..	..	..
..	..	..	..	*27	*16	..	..	11
..	..	..	..	*27	*16	..	..	11
..	..	..	..	*27	*16	..	..	11
..	..	..	..	*27	*16	..	..	11
..	..	..	..	45	44	..	..	1
..	..	..	..	45	44	..	..	1
..	..	..	..	45	44	..	..	1
..	..	..	..	45	44	..	..	1
10,546	5,407	5,139	..	120,508	29,253	70,398	13,370	7,487
9,254	3,878	5,312	64	125,062	31,337	70,225	14,033	9,467
9,494	4,116	5,305	73	128,350	32,101	70,232	14,033	11,984
9,766	4,354	5,285	127	139,584	36,592	74,135	14,033	14,824

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Cayman Islands	2012	150	150	..	..	..	..	..
	2013	150	150	..	..	..	..	..
	2014	132	132	..	..	..	..	..
	2015	132	132	..	..	..	..	..
Costa Rica	2012	2,724	656	1,700	..	*149	*1	218
	2013	2,814	638	1,729	..	*229	1	218
	2014	3,219	622	2,045	..	305	1	246
	2015	3,435	661	2,152	..	374	1	247
Cuba	2012	5,699	5,637	62	..	..	..	..
	2013	6,055	5,992	63	..	..	..	..
	2014	6,169	6,106	63	..	..	..	..
	2015	6,280	6,217	63	..	..	..	..
Curaçao	2012	*265	*235	..	..	*30	..	..
	2013	*265	*235	..	..	*30	..	..
	2014	*265	*235	..	..	*30	..	..
	2015	292	262	..	..	30	..	..
Dominica	2012	40	34	7	..	..	..	..
	2013	41	34	7	..	..	..	..
	2014	41	35	7	..	..	..	..
	2015	41	35	7	..	..	..	..
Dominican Republic	2012	5,909	5,208	613	..	85	1	1
	2013	6,312	5,606	614	..	85	6	1
	2014	6,091	5,375	617	..	85	13	2
	2015	5,935	5,208	617	..	85	22	2
El Salvador	2012	1,478	801	473	..	..	..	204
	2013	1,537	860	473	..	..	..	204
	2014	1,563	886	473	..	..	..	204
	2015	1,660	983	473	..	..	..	204
Greenland	2012	*172	*96	76	..	..	..	..
	2013	187	*96	91	..	..	..	..
	2014	187	96	91	..	..	..	..
	2015	187	*96	91	..	..	..	..
Grenada	2012	49	49	..	..	..	..	..
	2013	49	49	..	..	..	..	..
	2014	49	49	..	..	..	..	..
	2015	49	49	..	..	..	..	..
Guadeloupe	2012	554	439	9	..	27	64	15
	2013	557	439	9	..	27	67	15
	2014	557	439	9	..	27	67	15
	2015	573	456	9	..	27	67	15
Guatemala	2012	2,796	1,773	991	..	..	..	32
	2013	2,974	1,923	1,002	..	..	..	49
	2014	2,610	1,580	991	..	..	5	34
	2015	3,245	1,944	1,091	..	76	85	49
Haiti	2012	267	207	61	..	..	..	..
	2013	*340	*262	77	..	..	..	..
	2014	*320	*259	61	..	..	..	..
	2015	*332	*271	61	..	..	..	..
Honduras	2012	1,783	1,143	538	..	102	..	..
	2013	1,806	1,146	558	..	102	..	..
	2014	1,915	1,139	624	..	152	..	..
	2015	2,253	1,081	632	..	152	388	..
Jamaica	2012	912	848	23	..	42	..	..
	2013	938	874	23	..	42	..	..
	2014	945	874	29	..	42	..	..
	2015	*1,213	*890	99	..	198	26	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	150	150	..	..	..
..	..	..	..	150	150	..	..	..
..	..	..	..	132	132	..	..	..
..	..	..	..	132	132	..	..	..
*370	21	*210	*139	2,354	635	1,490	..	229
*374	*25	*210	*139	2,440	613	1,519	..	309
374	*25	210	*139	2,845	597	1,835	..	413
*374	*25	*210	*139	3,061	636	1,942	..	483
519	519	..	..	5,180	5,118	62	..	..
470	470	..	..	5,585	5,522	63	..	..
498	498	..	..	5,671	5,608	63	..	..
529	529	..	..	5,751	5,688	63	..	..
*133	*133	..	..	*132	*102	..	..	*30
*133	*133	..	..	*132	*102	..	..	*30
*133	*133	..	..	*132	*102	..	..	*30
146	146	..	..	146	116	..	..	30
*14	*14	..	..	27	20	7	..	..
*14	*14	..	..	27	20	7	..	..
*15	*15	..	..	27	20	7	..	..
*14	*14	..	..	27	20	7	..	..
2,324	2,321	0	2	3,586	2,887	613	..	86
2,512	2,504	1	7	3,801	3,102	613	..	86
2,300	2,285	1	14	3,791	3,089	616	..	86
2,335	2,309	1	24	3,600	2,898	616	..	86
193	193	0	..	1,285	608	473	..	204
*193	*193	0	..	1,344	667	473	..	204
*193	*193	0	..	1,370	693	473	..	204
289	289	0	..	1,371	694	473	..	204
*16	*16	..	..	*156	*80	76	..	..
*16	*16	..	..	171	*80	91	..	..
16	16	..	..	171	80	91	..	..
*16	*16	..	..	171	*80	91	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	49	49	..	..	..
60	60	..	..	494	380	9	..	106
60	60	..	..	497	380	9	..	109
60	60	..	..	497	380	9	..	109
60	60	..	..	514	396	9	..	109
434	430	4	..	2,362	1,344	987	..	32
599	594	4	..	2,375	1,328	998	..	49
474	469	4	..	2,137	1,111	987	..	39
690	686	4	..	2,555	1,258	1,087	..	210
74	74	..	..	193	133	61	..	..
*94	*94	..	..	*246	*168	77	..	..
*93	*93	..	..	*227	*166	61	..	..
*96	*96	..	..	*236	*175	61	..	..
159	159	..	..	1,624	984	538	..	102
158	158	..	..	1,648	988	558	..	102
181	181	..	..	1,734	958	624	..	152
172	172	..	..	2,081	909	632	..	540
301	262	..	39	611	586	23	..	3
301	262	..	39	637	612	23	..	3
301	262	..	39	644	612	29	..	3
*361	*262	..	99	*852	*628	99	..	125

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Martinique	2012	*461	*400	..	..	1	60	..
	2013	*463	*400	..	..	1	62	..
	2014	492	428	..	..	1	63	..
	2015	498	432	..	..	1	65	..
Mexico	2012	64,084	48,364	11,626	1,400	1,815	55	824
	2013	64,107	48,047	11,633	1,400	2,122	82	823
	2014	66,255	48,893	12,464	1,400	2,569	116	813
	2015	67,504	49,421	12,223	1,510	3,271	173	906
Montserrat	2012	*5	*5	..	..	..	..	..
	2013	*5	*5	..	..	..	..	..
	2014	*5	*5	..	..	..	..	..
	2015	*5	*5	..	..	..	..	..
Nicaragua	2012	1,288	870	107	..	146	..	165
	2013	1,292	869	121	..	147	..	155
	2014	1,329	867	121	..	186	..	155
	2015	1,329	867	121	..	186	..	155
Panama	2012	2,422	954	1,468	..	0	..	..
	2013	2,546	1,032	1,494	..	20	..	..
	2014	2,829	1,148	1,623	..	55	2	..
	2015	3,371	1,243	1,769	..	270	89	..
Puerto Rico	2012	6,008	5,800	100	..	101	7	..
	2013	6,083	5,800	100	..	125	58	..
	2014	*6,097	*5,800	99	..	125	73	..
	2015	*6,112	*5,800	99	..	125	88	..
Sint Maarten (Dutch part)	2012	97	97	..	..	..	..	..
	2013	97	97	..	..	..	..	..
	2014	97	97	..	..	..	..	..
	2015	*97	*97	..	..	..	..	..
St. Kitts-Nevis	2012	*62	*59	..	..	2	0	..
	2013	*62	*59	..	..	2	1	..
	2014	*64	*60	..	..	*2	*1	..
	2015	*64	*60	..	..	2	*1	..
St. Lucia	2012	86	86	..	..	..	..	..
	2013	86	86	..	..	..	..	..
	2014	88	88	..	..	..	..	..
	2015	88	88	..	..	..	..	..
St. Pierre-Miquelon	2012	27	26	..	..	1	..	..
	2013	28	27	..	..	1	..	..
	2014	27	26	..	..	1	..	..
	2015	28	27	..	..	1	..	..
St. Vincent-Grenadines	2012	*58	*46	*13	..	..	..	..
	2013	*58	*46	*13	..	..	..	..
	2014	*58	*46	*13	..	..	..	..
	2015	*58	*46	*13	..	..	..	..
Trinidad and Tobago	2012	2,598	2,598	..	..	..	..	..
	2013	2,598	2,598	..	..	..	..	..
	2014	2,598	2,598	..	..	..	..	..
	2015	2,598	2,598	..	..	..	..	..
Turks and Caicos Islands	2012	76	76	..	..	..	..	..
	2013	76	76	..	..	..	..	..
	2014	79	79	..	..	..	..	..
	2015	82	82	..	..	..	..	..
United States	2012	1,067,878	793,352	101,106	101,885	59,075	8,613	3,847
	2013	1,065,293	787,297	101,589	99,240	59,974	13,045	4,148
	2014	1,073,438	787,407	102,162	98,569	64,232	16,545	4,523
	2015	1,072,470	771,732	102,239	98,672	72,573	23,442	3,812

Table 30

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
4	4	..	..	*457	*396	..	..	61
4	4	..	..	*459	*396	..	..	63
4	4	..	..	488	424	..	..	64
4	4	..	..	494	428	..	..	66
11,748	10,349	128	1,271	52,336	38,015	11,498	1,400	1,423
10,610	8,886	124	1,600	53,497	39,161	11,509	1,400	1,427
11,876	9,599	195	2,082	54,379	39,294	12,269	1,400	1,416
12,672	9,686	195	2,791	54,832	39,735	12,028	1,510	1,559
..	..	..	..	*5	*5	..	..	..
..	..	..	..	*5	*5	..	..	..
..	..	..	..	*5	*5	..	..	..
..	..	..	..	*5	*5	..	..	..
135	134	1	..	1,153	736	106	..	311
135	134	1	..	1,157	735	120	..	302
135	134	1	..	1,194	733	120	..	341
135	134	1	..	1,194	733	120	..	341
224	159	65	..	2,198	795	1,403	..	0
213	153	60	..	2,333	879	1,434	..	20
269	209	60	..	2,560	939	1,563	..	57
232	172	60	..	3,139	1,071	1,709	..	359
*61	*61	..	..	5,947	5,739	100	..	108
*61	*61	..	..	6,022	5,739	100	..	183
*61	*61	..	..	*6,036	*5,739	99	..	198
*61	*61	..	..	*6,051	*5,739	99	..	213
..	..	..	..	97	97	..	..	..
..	..	..	..	97	97	..	..	..
..	..	..	..	97	97	..	..	..
..	..	..	..	*97	*97	..	..	..
*4	*4	..	..	*58	*55	..	..	2
*4	*4	..	..	*58	*55	..	..	3
*4	*4	..	..	*60	*56	..	..	*4
*4	*4	..	..	*60	*56	..	..	4
..	..	..	..	86	86	..	..	..
..	..	..	..	86	86	..	..	..
..	..	..	..	88	88	..	..	..
..	..	..	..	88	88	..	..	..
..	..	..	..	27	26	..	..	1
..	..	..	..	28	27	..	..	1
..	..	..	..	27	26	..	..	1
..	..	..	..	28	27	..	..	1
..	..	..	..	*58	*46	*13	..	..
..	..	..	..	*58	*46	*13	..	..
..	..	..	..	*58	*46	*13	..	..
..	..	..	..	*58	*46	*13	..	..
*196	*196	..	..	2,402	2,402	..	..	..
*196	*196	..	..	2,402	2,402	..	..	..
*196	*196	..	..	2,402	2,402	..	..	..
*196	*196	..	..	2,402	2,402	..	..	..
..	..	..	..	76	76	..	..	..
..	..	..	..	76	76	..	..	..
..	..	..	..	79	79	..	..	..
..	..	..	..	82	82	..	..	..
36,461	29,267	664	6,530	1,031,417	764,085	100,442	101,885	65,005
37,517	29,245	678	7,594	1,027,776	758,052	100,911	99,240	69,573
37,087	29,202	306	7,579	1,036,351	758,205	101,856	98,569	77,721
40,974	29,315	306	11,353	1,031,496	742,417	101,933	98,672	88,474

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
United States Virgin Is.	2012	337	330	..	..	..	*7	..
	2013	327	316	..	..	..	*11	..
	2014	333	316	..	..	..	*17	..
	2015	*340	*316	..	..	..	*24	..
America, South	2012	247,906	100,637	141,727	3,025	2,328	130	60
	2013	263,588	113,518	144,003	3,008	2,848	149	64
	2014	272,019	114,739	147,242	3,008	6,532	431	67
	2015	282,078	114,908	152,510	3,753	9,955	885	67
Argentina	2012	35,023	23,807	10,053	1,018	134	11	..
	2013	39,563	28,269	10,074	1,018	194	8	..
	2014	*35,945	*24,651	10,074	1,018	194	8	..
	2015	37,593	25,541	10,063	1,763	217	9	..
Bolivia (Plur. State of)	2012	1,882	1,387	494	..	..	*2	..
	2013	*2,114	*1,618	*494	..	*1	*2	..
	2014	*1,606	*1,143	*455	..	3	5	..
	2015	*2,199	*1,699	*484	..	8	*8	..
Brazil	2012	120,973	32,786	84,294	2,007	1,886	..	..
	2013	126,743	36,528	86,018	1,990	2,202	5	..
	2014	133,913	37,827	89,193	1,990	4,888	15	..
	2015	140,857	39,563	91,650	1,990	7,633	21	..
Chile	2012	18,153	11,957	5,992	..	202	2	0
	2013	18,515	12,105	6,094	..	301	15	0
	2014	23,400	16,049	6,378	..	731	242	0
	2015	21,639	13,616	6,498	..	908	617	0
Colombia	2012	15,033	5,088	9,870	..	18	..	57
	2013	15,177	5,131	9,967	..	18	..	61
	2014	14,823	5,043	9,696	..	18	..	66
	2015	16,661	5,093	11,484	..	18	..	66
Ecuador	2012	5,454	3,188	2,264	..	2	0	..
	2013	5,496	3,210	2,264	..	19	4	..
	2014	5,732	3,436	2,248	..	21	26	..
	2015	6,005	3,551	2,408	..	21	26	..
Falkland Is. (Malvinas)	2012	*12	*9	..	..	*3	..	..
	2013	*12	*9	..	..	*3	..	..
	2014	*12	*9	..	..	*3	..	..
	2015	*12	*9	..	..	*3	..	..
French Guiana	2012	290	138	118	..	..	34	..
	2013	292	140	119	..	..	33	..
	2014	292	140	119	..	..	33	..
	2015	297	140	119	..	..	38	..
Guyana	2012	363	363	..	..	..	..	..
	2013	382	382	..	..	..	..	..
	2014	380	380	..	..	..	..	..
	2015	380	380	..	..	..	..	..
Paraguay	2012	8,816	6	8,810	..	..	..	..
	2013	8,825	15	8,810	..	..	..	..
	2014	8,825	15	8,810	..	..	..	..
	2015	8,825	15	8,810	..	..	..	..
Peru	2012	9,699	6,134	3,484	..	1	80	..
	2013	11,051	7,414	3,556	..	1	80	..
	2014	11,203	7,302	3,662	..	143	96	..
	2015	12,089	7,619	4,130	..	240	100	..
Suriname	2012	466	277	189	..	..	..	..
	2013	536	347	189	..	..	..	..
	2014	496	307	189	..	..	..	..
	2015	496	307	189	..	..	..	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
*6	0	..	*6	331	330	..	..	*1
*10	0	..	*10	317	316	..	..	*1
*12	0	..	*12	321	316	..	..	*5
*15	0	..	*15	*325	*316	..	..	*9
29,117	24,053	5,032	32	218,789	76,583	136,695	3,025	2,486
30,679	25,236	5,400	43	232,909	88,281	138,603	3,008	3,017
31,823	26,369	5,399	55	240,196	88,369	141,843	3,008	6,975
33,531	27,934	5,455	143	248,546	86,975	147,055	3,753	10,764
4,014	3,992	20	2	31,008	19,815	10,033	1,018	143
4,063	4,041	20	2	35,500	24,228	10,054	1,018	200
*4,014	*3,992	20	2	*31,931	*20,659	10,054	1,018	200
*3,646	*3,624	*20	*2	33,947	21,917	10,043	1,763	224
137	108	26	*2	1,746	1,279	467	..	..
*155	*126	*26	*2	*1,959	*1,492	*467	..	*1
*119	*89	*24	5	*1,487	*1,053	*431	..	3
*160	*126	*26	*8	*2,040	*1,573	*458	..	8
18,818	14,338	4,480	..	102,155	18,448	79,814	2,007	1,886
19,912	15,102	4,805	5	106,831	21,426	81,213	1,990	2,202
20,901	16,027	4,863	11	113,012	21,800	84,330	1,990	4,892
22,851	17,956	4,884	11	118,006	21,607	86,766	1,990	7,643
1,037	983	42	12	17,116	10,974	5,950	..	192
1,210	1,117	82	11	17,305	10,988	6,012	..	305
1,320	1,282	28	10	22,080	14,767	6,350	..	963
1,369	1,319	8	42	20,270	12,297	6,490	..	1,483
*620	*528	92	..	14,413	4,560	9,778	..	75
*620	*528	92	..	14,557	4,603	9,875	..	79
*620	*528	92	..	14,203	4,515	9,604	..	84
*620	*528	*92	..	16,041	4,565	11,392	..	84
948	868	80	..	4,507	2,320	2,184	..	2
1,003	923	80	..	4,493	2,286	2,184	..	23
1,085	1,006	79	..	4,647	2,430	2,169	..	48
1,237	1,105	132	..	4,768	2,446	2,276	..	47
*2	*2	..	..	*10	*7	..	..	*3
*2	*2	..	..	*10	*7	..	..	*3
*2	*2	..	..	*10	*7	..	..	*3
*2	*2	..	..	*10	*7	..	..	*3
..	..	..	..	290	138	118	..	34
..	..	..	..	292	140	119	..	33
..	..	..	..	292	140	119	..	33
..	..	..	..	297	140	119	..	38
227	227	..	..	135	135	..	..	..
239	239	..	..	143	143	..	..	..
235	235	..	..	145	145	..	..	..
235	235	..	..	145	145	..	..	..
..	..	..	..	8,816	6	8,810	..	..
..	..	..	..	8,825	15	8,810	..	..
..	..	..	..	8,825	15	8,810	..	..
..	..	..	..	8,825	15	8,810	..	..
1,432	1,329	103	..	8,267	4,806	3,381	..	81
1,416	1,311	106	..	9,635	6,104	3,451	..	81
1,464	1,360	104	..	9,739	5,942	3,558	..	239
1,578	1,474	104	..	10,511	6,145	4,026	..	340
312	123	189	..	154	154	..	..	..
312	123	189	..	224	224	..	..	..
312	123	189	..	184	184	..	..	..
312	123	189	..	184	184	..	..	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Uruguay	2012	2,911	1,320	1,538	..	53	1	..
	2013	3,288	1,689	1,538	..	59	2	..
	2014	3,713	1,690	1,538	..	481	4	..
	2015	3,989	1,530	1,538	..	857	65	..
Venezuela (Bolivar. Rep.)	2012	28,832	14,177	14,622	..	30	..	3
	2013	31,595	16,662	14,880	..	50	..	3
	2014	31,681	16,748	14,880	..	50	2	1
	2015	31,037	15,847	15,137	..	50	2	1
Asia	2012	2,557,594	1,904,052	455,865	91,573	86,347	11,665	8,092
	2013	2,741,520	2,005,606	491,982	91,779	105,387	38,131	8,635
	2014	2,967,986	2,141,715	528,432	98,199	130,801	59,909	8,929
	2015	3,170,251	2,245,997	551,454	104,036	167,233	91,407	10,124
Afghanistan	2012	431	115	316	..	..	..	..
	2013	*431	*115	*316	..	..	..	..
	2014	*431	*115	*316	..	..	..	..
	2015	*431	*115	*316	..	..	..	..
Armenia	2012	4,055	2,394	1,249	408	4	..	..
	2013	4,095	2,394	1,289	408	4	..	..
	2014	4,091	2,390	1,289	408	4	..	..
	2015	4,088	2,390	1,286	408	3	1	..
Azerbaijan	2012	6,520	5,497	1,023	..	..	..	..
	2013	7,353	6,264	1,084	..	3	2	..
	2014	7,355	6,270	1,078	..	3	4	..
	2015	7,811	6,690	1,103	..	8	10	..
Bahrain	2012	*5,868	*5,868	..	..	..	..	..
	2013	*5,868	*5,868	..	..	..	..	..
	2014	*6,050	*6,050	..	..	..	..	..
	2015	6,972	6,972	..	..	..	..	..
Bangladesh	2012	8,100	7,870	230	..	..	..	..
	2013	8,562	8,307	*230	..	*1	*24	..
	2014	9,346	9,091	*230	..	*1	*24	..
	2015	11,059	10,784	*250	..	*1	*24	..
Bhutan	2012	1,505	17	1,488	..	..	0	..
	2013	1,506	17	1,488	..	..	0	..
	2014	1,632	17	1,614	..	..	0	..
	2015	1,624	*17	1,606	..	..	0	..
Brunei Darussalam	2012	806	805	..	..	..	1	..
	2013	*811	*810	..	..	..	*1	..
	2014	*811	*810	..	..	..	*1	..
	2015	*819	*818	..	..	..	*1	..
Cambodia	2012	584	357	225	..	..	*2	..
	2013	1,157	472	683	..	..	*2	..
	2014	1,513	582	929	..	..	*2	..
	2015	1,659	728	930	..	..	*2	..
China	2012	1,226,775	888,257	257,090	12,570	61,420	3,410	*4,028
	2013	1,344,995	945,120	288,777	14,660	76,520	15,890	*4,028
	2014	1,473,929	1,014,410	313,981	20,080	96,570	24,860	*4,028
	2015	1,657,907	1,122,108	331,671	27,170	130,750	42,180	*4,028
China, Hong Kong SAR	2012	12,625	12,625	..	..	..	..	..
	2013	12,625	12,625	..	..	..	..	..
	2014	12,625	12,625	..	..	..	..	..
	2015	12,625	12,625	..	..	..	..	..
China, Macao SAR	2012	504	504	..	..	..	..	..
	2013	507	507	..	..	..	..	..
	2014	511	511	..	..	..	..	..
	2015	512	512	..	..	..	..	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
267	251	..	16	2,644	1,069	1,538	..	37
444	421	..	23	2,844	1,268	1,538	..	38
449	422	..	27	3,264	1,268	1,538	..	458
512	432	..	80	3,477	1,098	1,538	..	841
*1,303	*1,303	..	..	27,529	12,874	14,622	..	33
1,303	1,303	..	..	30,292	15,359	14,880	..	53
1,303	1,303	..	..	30,378	15,445	14,880	..	53
1,010	1,010	..	..	30,027	14,837	15,137	..	53
271,156	247,753	13,698	9,705	2,286,439	1,656,300	442,167	91,573	96,399
295,836	260,424	14,655	20,757	2,445,684	1,745,182	477,327	91,779	131,395
336,013	288,708	15,888	31,416	2,631,973	1,853,007	512,544	98,199	168,223
426,032	363,575	18,796	43,661	2,744,219	1,882,422	532,658	104,036	225,103
182	55	127	..	249	60	189	..	..
*182	*55	*127	..	*249	*60	*189	..	..
*182	*55	*127	..	*249	*60	*189	..	..
*182	*55	*127	..	*249	*60	*189	..	..
..	..	..	..	4,055	2,394	1,249	408	4
..	..	..	..	4,095	2,394	1,289	408	4
..	..	..	..	4,091	2,390	1,289	408	4
..	..	..	..	4,088	2,390	1,286	408	4
226	226	..	..	6,294	5,271	1,023	..	..
241	236	..	5	7,112	6,028	1,084	..	..
249	242	..	7	7,106	6,028	1,078	..	..
680	662	..	18	7,131	6,028	1,103	..	..
*3,000	*3,000	..	..	*2,868	*2,868	..	..	..
*3,000	*3,000	..	..	*2,868	*2,868	..	..	..
*3,050	*3,050	..	..	*3,000	*3,000	..	..	..
*3,050	*3,050	..	..	3,922	3,922	..	..	..
2,375	2,375	..	..	5,725	5,495	230	..	..
2,322	2,322	..	..	6,240	5,985	*230	..	*25
2,302	2,302	..	..	7,044	6,789	*230	..	*25
2,377	2,377	..	..	8,682	8,407	*250	..	*25
..	..	..	..	1,505	17	1,488	..	0
..	..	..	..	1,506	17	1,488	..	0
..	..	..	..	1,632	17	1,614	..	0
..	..	..	..	1,624	*17	1,606	..	0
109	109	..	..	697	696	..	..	1
*110	*110	..	..	*701	*700	..	..	*1
*110	*110	..	..	*701	*700	..	..	*1
*110	*110	..	..	*709	*708	..	..	*1
..	..	..	..	584	357	225	..	*2
..	..	..	..	1,157	472	683	..	*2
..	..	..	..	1,513	582	929	..	*2
..	..	..	..	1,659	728	930	..	*2
*76,197	*68,577	*7,620	..	1,150,578	819,680	249,470	12,570	68,858
*83,367	*75,030	*8,337	..	1,261,628	870,090	280,440	14,660	96,438
*91,211	*82,090	*9,121	..	1,382,718	932,320	304,860	20,080	125,458
*128,699	*116,568	*12,131	..	1,529,208	1,005,540	319,540	27,170	176,958
..	..	..	..	12,625	12,625	..	..	..
..	..	..	..	12,625	12,625	..	..	..
..	..	..	..	12,625	12,625	..	..	..
..	..	..	..	12,625	12,625	..	..	..
*32	*32	..	..	472	472	..	..	..
*35	*35	..	..	472	472	..	..	..
*39	*39	..	..	472	472	..	..	..
*40	*40	..	..	472	472	..	..	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Cyprus	2012	1,726	1,561	..	..	147	18	..
	2013	1,700	1,517	..	..	147	36	..
	2014	1,734	1,513	..	..	147	74	..
	2015	1,781	1,522	..	..	*185	*74	..
Georgia	2012	*4,350	*1,688	*2,662	..	..	..	..
	2013	*4,350	*1,688	*2,662	..	..	..	..
	2014	*4,350	*1,688	*2,662	..	..	..	..
	2015	*4,538	*1,700	*2,788	..	*50	..	..
India	2012	278,275	215,522	39,552	4,780	18,421	0	..
	2013	*294,873	*226,449	*40,061	4,780	*21,264	*2,319	..
	2014	*316,379	*241,396	*40,061	5,780	25,244	3,898	..
	2015	287,130	210,430	40,333	5,780	*25,088	*5,499	..
Indonesia	2012	53,125	46,603	5,067	..	9	4	1,441
	2013	55,625	48,875	5,253	..	5	9	1,484
	2014	60,937	53,692	5,655	..	5	9	1,576
	2015	73,696	65,967	6,186	..	*3	10	1,530
Iran (Islamic Rep. of)	2012	68,894	58,015	9,746	1,020	106	0	7
	2013	70,236	58,833	10,266	1,020	110	0	7
	2014	73,148	61,174	10,789	1,020	154	1	12
	2015	74,185	61,632	11,354	1,020	159	9	12
Iraq	2012	16,952	14,439	2,513	..	..	..	..
	2013	27,110	24,597	2,513	..	..	..	..
	2014	25,589	23,076	2,513	..	..	..	..
	2015	31,111	28,598	2,513	..	..	..	..
Israel	2012	14,413	14,163	7	..	6	237	0
	2013	14,985	14,491	7	..	6	481	0
	2014	16,220	15,526	7	..	6	681	0
	2015	17,221	16,466	7	..	6	742	0
Japan	2012	296,730	191,942	48,934	46,148	2,562	6,632	512
	2013	304,289	194,337	48,932	44,264	2,645	13,599	512
	2014	317,125	196,664	49,597	44,264	2,753	23,339	508
	2015	323,917	194,361	50,034	42,048	2,808	34,150	516
Jordan	2012	3,511	3,498	12	..	1	..	..
	2013	3,385	3,372	12	..	1	..	..
	2014	4,199	4,186	12	..	1	..	..
	2015	4,455	4,320	12	..	118	5	..
Kazakhstan	2012	*21,219	*19,000	*2,217	..	*2	..	..
	2013	*22,222	*20,000	*2,217	..	*4	*1	..
	2014	*25,011	*22,500	*2,500	..	*10	*1	..
	2015	*25,101	*22,500	*2,500	..	*100	*1	..
Korea, Dem.Ppl's.Rep.	2012	*9,500	*4,500	*5,000	..	..	..	..
	2013	*9,500	*4,500	*5,000	..	..	..	..
	2014	*9,500	*4,500	*5,000	..	..	..	..
	2015	*9,500	*4,500	*5,000	..	..	..	..
Korea, Republic of	2012	87,830	59,086	6,447	20,716	464	1,024	93
	2013	91,485	61,795	6,454	20,716	576	1,555	389
	2014	99,830	69,122	6,467	20,716	612	2,481	432
	2015	103,019	70,108	6,471	21,716	743	3,534	447
Kuwait	2012	14,803	14,803	..	..	..	..	..
	2013	15,719	15,719	..	..	..	..	..
	2014	15,819	15,819	..	..	..	..	..
	2015	17,891	17,891	..	..	..	..	..
Kyrgyzstan	2012	*3,859	*795	*3,064	..	..	..	..
	2013	*3,861	*797	*3,064	..	..	..	..
	2014	*3,864	*800	*3,064	..	..	..	..
	2015	*4,020	*956	*3,064	..	..	..	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
37	36	..	*1	1,689	1,525	..	..	164
37	36	..	*1	1,663	1,481	..	..	182
42	32	..	*10	1,692	1,481	..	..	211
51	41	..	*10	1,730	1,481	..	..	*249
..	..	..	..	*4,350	*1,688	*2,662	..	..
..	..	..	..	*4,350	*1,688	*2,662	..	..
..	..	..	..	*4,350	*1,688	*2,662	..	..
..	..	..	..	*4,538	*1,700	*2,788	..	*50
*36,510	*36,449	*61	..	241,765	179,073	39,491	4,780	18,421
38,087	36,449	*61	*1,577	*256,786	*190,000	*40,000	4,780	*22,006
*44,657	*42,651	*61	*1,945	*271,722	*198,745	*40,000	5,780	27,197
82,016	79,955	*61	*2,000	205,114	130,475	40,272	5,780	*28,587
*8,102	*7,583	*515	*4	45,023	39,020	4,552	..	1,450
*9,136	*8,434	*700	*2	46,489	40,441	4,553	..	1,495
*9,286	*8,434	*850	*2	51,651	45,258	4,805	..	1,588
*18,302	*17,000	*1,300	*2	55,394	48,967	4,886	..	1,541
5,581	5,581	..	..	63,313	52,434	9,746	1,020	113
5,581	5,581	..	..	64,655	53,252	10,266	1,020	117
5,581	5,581	..	..	67,568	55,593	10,789	1,020	166
5,581	5,581	..	..	68,604	56,051	11,354	1,020	179
..	..	..	..	16,952	14,439	2,513	..	..
..	..	..	..	27,110	24,597	2,513	..	..
..	..	..	..	25,589	23,076	2,513	..	..
..	..	..	..	31,111	28,598	2,513	..	..
667	428	2	237	13,746	13,735	5	..	6
894	411	2	481	14,091	14,080	5	..	6
1,145	462	2	681	15,075	15,064	5	..	6
1,235	491	2	742	15,986	15,975	5	..	6
65,510	52,147	4,282	9,081	231,220	139,795	44,652	46,148	625
72,822	52,436	4,256	16,130	231,467	141,901	44,676	44,264	626
83,097	52,887	4,194	26,016	234,028	143,777	45,403	44,264	584
92,433	51,321	4,248	36,864	231,484	143,040	45,786	42,048	610
*199	*199	..	..	3,312	3,299	12	..	1
*199	*199	..	..	3,186	3,173	12	..	1
*199	*199	..	..	4,000	3,987	12	..	1
*199	*199	..	..	4,256	4,121	12	..	123
..	..	..	..	*21,219	*19,000	*2,217	..	*2
*1	..	..	*1	*22,221	*20,000	*2,217	..	*4
*1	..	..	*1	*25,010	*22,500	*2,500	..	*10
*1	..	..	*1	*25,100	*22,500	*2,500	..	*100
..	..	..	..	*9,500	*4,500	*5,000	..	..
..	..	..	..	*9,500	*4,500	*5,000	..	..
..	..	..	..	*9,500	*4,500	*5,000	..	..
..	..	..	..	*9,500	*4,500	*5,000	..	..
6,817	6,452	..	365	81,013	52,634	6,447	20,716	1,216
6,338	5,835	..	503	85,147	55,960	6,454	20,716	2,017
7,715	7,001	..	714	92,115	62,121	6,467	20,716	2,811
7,509	6,404	..	1,105	95,510	63,704	6,471	21,716	3,619
*100	*100	..	..	14,703	14,703	..	..	..
*100	*100	..	..	15,619	15,619	..	..	..
*100	*100	..	..	15,719	15,719	..	..	..
*100	*100	..	..	17,791	17,791	..	..	..
..	..	..	..	*3,859	*795	*3,064	..	..
*2	*2	..	..	*3,859	*795	*3,064	..	..
*5	*5	..	..	*3,859	*795	*3,064	..	..
*6	*6	..	..	*4,014	*950	*3,064	..	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Lao People's Dem. Rep.	2012	2,973	..	2,973	..	..	..	..
	2013	3,020	40	2,980	..	..	..	..
	2014	3,098	40	3,058	..	..	..	..
	2015	5,812	1,918	3,894	..	..	..	..
Lebanon	2012	3,262	2,988	*274	..	..	..	..
	2013	3,533	3,259	*274	..	..	..	..
	2014	3,533	3,259	*274	..	..	..	..
	2015	3,533	3,259	*274	..	..	..	..
Malaysia	2012	29,198	25,826	3,317	..	..	*55	..
	2013	31,817	27,725	3,931	..	..	*161	..
	2014	29,974	25,040	4,773	..	..	161	..
	2015	30,440	23,519	5,716	..	..	226	979
Maldives	2012	83	81	..	..	1	1	..
	2013	83	81	..	..	1	1	..
	2014	271	266	..	..	1	4	..
	2015	271	266	..	..	1	4	..
Mongolia	2012	*1,226	*1,200	26	..	..	..	..
	2013	1,278	1,200	26	..	52	..	..
	2014	*1,341	*1,262	26	..	52	1	..
	2015	*1,341	*1,262	26	..	52	1	..
Myanmar	2012	3,726	913	2,813	..	..	..	..
	2013	4,146	1,141	3,005	..	..	..	..
	2014	4,805	1,620	3,185	..	..	..	..
	2015	5,259	2,076	3,183	..	..	..	..
Nepal	2012	*762	53	*709	..	..	..	..
	2013	*772	53	*718	..	..	..	..
	2014	*829	53	*776	..	..	..	..
	2015	801	53	738	..	..	10	..
Oman	2012	5,808	5,808	..	..	..	..	..
	2013	6,598	6,598	..	..	..	..	..
	2014	8,214	8,214	..	..	..	..	..
	2015	7,868	7,868	..	..	..	..	..
Other Asia	2012	47,698	37,078	4,683	5,144	571	223	..
	2013	48,134	37,300	4,683	5,144	614	392	..
	2014	47,750	36,665	4,683	5,144	637	620	..
	2015	47,978	36,654	4,691	5,144	647	842	..
Pakistan	2012	23,781	*15,941	6,947	787	106	..	..
	2013	23,728	*15,719	7,116	787	106	..	..
	2014	24,823	*16,814	7,116	787	106	..	..
	2015	25,827	*17,234	7,001	750	842	..	..
Philippines	2012	17,052	11,514	3,537	..	150	3	1,848
	2013	17,351	11,793	3,537	..	*150	*3	1,868
	2014	17,970	12,056	3,559	..	*400	*37	1,918
	2015	18,816	12,455	3,632	..	*685	*127	1,917
Qatar	2012	8,751	8,751	..	..	..	..	..
	2013	8,751	8,751	..	..	..	..	..
	2014	8,751	8,751	..	..	..	..	..
	2015	8,751	8,751	..	..	..	..	..
Saudi Arabia	2012	62,133	62,132	..	..	..	*1	..
	2013	*64,432	*64,431	..	..	..	*1	..
	2014	*82,778	*82,777	..	..	..	*1	..
	2015	81,603	81,603	..	..	..	..	..
Singapore	2012	10,304	10,296	..	..	..	8	..
	2013	11,437	11,425	..	..	..	12	..
	2014	13,073	13,047	..	..	..	26	..
	2015	13,055	13,009	..	..	..	46	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	2,973	..	2,973	..	..
..	..	..	..	3,020	40	2,980	..	..
..	..	..	..	3,098	40	3,058	..	..
..	..	..	..	5,812	1,918	3,894	..	..
*950	*950	..	..	2,312	2,038	*274	..	..
950	950	..	..	2,583	2,309	*274	..	..
*950	*950	..	..	2,583	2,309	*274	..	..
*950	*950	..	..	2,583	2,309	*274	..	..
3,174	3,174	0	0	26,024	22,652	3,317	..	*55
3,037	3,037	0	0	28,780	24,688	3,931	..	*161
2,351	2,345	5	1	27,623	22,695	4,768	..	160
3,072	2,210	2	860	27,368	21,309	5,714	..	345
..	..	..	..	83	81	..	..	2
..	..	..	..	83	81	..	..	2
..	..	..	..	271	266	..	..	5
..	..	..	..	271	266	..	..	5
*176	*150	26	..	*1,050	*1,050	..	..	..
*176	*150	26	..	1,102	1,050	..	..	52
*206	*180	26	..	*1,135	*1,082	..	..	53
*206	*180	26	..	*1,135	*1,082	..	..	53
120	..	120	..	3,606	913	2,693	..	..
393	221	172	..	3,753	920	2,833	..	..
628	456	172	..	4,177	1,164	3,013	..	..
*628	*456	*172	..	4,631	1,620	3,011	..	..
*155	..	*155	..	*607	53	*554	..	..
*155	..	*155	..	*617	53	*563	..	..
*175	..	*175	..	*654	53	*601	..	..
107	..	97	10	694	53	641	..	..
..	..	..	..	5,808	5,808	..	..	..
..	..	..	..	6,598	6,598	..	..	..
..	..	..	..	8,214	8,214	..	..	..
..	..	..	..	7,868	7,868	..	..	..
7,248	7,248	..	..	40,451	29,830	4,683	5,144	794
7,458	7,458	..	..	40,676	29,843	4,683	5,144	1,006
7,395	7,395	..	..	40,355	29,271	4,683	5,144	1,257
7,383	7,383	..	..	40,595	29,271	4,691	5,144	1,489
*8,532	*8,532	..	..	15,249	*7,409	6,947	787	106
*8,467	*8,467	..	..	15,261	*7,252	7,116	787	106
*9,057	*9,057	..	..	15,766	*7,757	7,116	787	106
*9,283	*9,283	..	..	16,544	*7,951	7,001	750	842
*26	*10	*16	..	17,026	11,504	3,521	..	2,001
*26	*10	*16	..	17,325	11,783	3,521	..	2,021
*26	*10	*16	..	17,944	12,046	3,543	..	2,355
*26	*10	*16	..	18,790	12,445	3,616	..	2,729
6,561	6,561	..	..	2,190	2,190	..	..	..
6,561	6,561	..	..	2,190	2,190	..	..	..
6,561	6,561	..	..	2,190	2,190	..	..	..
6,561	6,561	..	..	2,190	2,190	..	..	..
*14,857	*14,857	..	..	47,276	47,275	..	..	*1
*20,000	*20,000	..	..	*44,432	*44,431	..	..	*1
*33,000	*33,000	..	..	*49,778	*49,777	..	..	*1
31,980	31,980	..	..	49,623	49,623	..	..	..
*314	*314	..	..	9,990	9,982	..	..	8
*502	*502	..	..	10,935	10,923	..	..	12
*502	*502	..	..	12,571	12,545	..	..	26
414	414	..	..	12,641	12,595	..	..	46

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Sri Lanka	2012	3,371	1,700	1,584	..	76	*11	..
	2013	3,301	1,591	1,617	..	81	*11	..
	2014	4,043	2,233	1,664	..	131	14	..
	2015	3,948	2,108	1,684	..	127	29	..
State of Palestine	2012	140	140	..	..	..	..	..
	2013	140	140	..	..	..	..	..
	2014	140	140	..	..	..	..	..
	2015	140	140	..	..	..	..	..
Syrian Arab Republic	2012	*8,206	*7,356	*850	..	..	..	..
	2013	8,206	7,356	850	..	..	..	..
	2014	*9,603	*8,109	1,494	..	..	..	..
	2015	*9,122	*7,550	1,572	..	..	..	..
Tajikistan	2012	6,168	314	5,854	..	..	..	..
	2013	5,190	318	4,872	..	..	..	..
	2014	5,190	318	4,872	..	..	..	..
	2015	5,190	318	4,872	..	..	..	..
Thailand	2012	49,806	46,289	*3,488	..	*3	*26	0
	2013	54,538	47,250	3,418	..	*300	*3,570	0
	2014	55,472	48,238	3,444	..	220	*3,570	0
	2015	58,579	51,403	*3,386	..	*220	*3,570	0
Timor-Leste	2012	51	51	..	..	..	..	..
	2013	138	138	..	..	..	..	..
	2014	286	286	..	..	..	..	..
	2015	*160	*160	..	..	..	..	..
Turkey	2012	57,059	35,027	19,609	..	2,261	..	162
	2013	64,007	38,612	22,289	..	2,759	..	347
	2014	72,893	44,576	24,187	..	3,635	40	455
	2015	73,147	41,832	25,868	..	4,503	249	695
Turkmenistan	2012	*3,400	*3,400	..	..	..	..	..
	2013	*3,800	*3,800	..	..	..	..	..
	2014	*4,000	*4,000	..	..	..	..	..
	2015	*4,000	*4,000	..	..	..	..	..
United Arab Emirates	2012	27,180	27,170	..	..	..	10	..
	2013	27,374	27,314	..	..	..	60	..
	2014	28,829	28,769	..	..	..	60	..
	2015	28,745	28,685	..	..	..	60	..
Uzbekistan	2012	*12,722	*10,867	*1,855	..	..	..	..
	2013	*12,722	*10,867	*1,855	..	..	..	..
	2014	*12,722	*10,867	*1,855	..	..	..	..
	2015	*12,722	*10,867	*1,855	..	..	..	..
Viet Nam	2012	*28,240	*17,700	*10,503	..	*37	..	..
	2013	*28,240	*17,700	*10,503	..	*37	..	..
	2014	*34,080	*18,269	*15,702	..	109	..	..
	2015	*38,553	*22,779	*15,639	..	135	..	..
Yemen	2012	1,535	1,535	..	..	..	..	..
	2013	1,535	1,535	..	..	..	..	..
	2014	1,519	1,519	..	..	..	..	..
	2015	1,519	1,519	..	..	..	..	..
Europe	2012	1,322,086	715,006	258,236	165,600	107,199	71,962	4,083
	2013	1,341,585	708,602	260,981	165,388	119,192	83,260	4,161
	2014	1,380,354	726,459	262,357	165,962	130,456	91,006	4,114
	2015	1,385,644	708,694	265,049	165,429	142,805	99,546	4,121
Albania	2012	1,767	123	1,629	..	..	15	..
	2013	1,918	123	1,781	..	..	14	..
	2014	1,865	123	1,726	..	..	16	..
	2015	1,922	123	1,799	..	..	0	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
247	10	227	*10	3,124	1,690	1,357	..	77
282	16	256	*10	3,019	1,575	1,361	..	83
320	20	287	13	3,723	2,213	1,377	..	133
355	20	307	28	3,593	2,088	1,377	..	128
..	..	..	..	140	140	..	..	..
..	..	..	..	140	140	..	..	..
..	..	..	..	140	140	..	..	..
..	..	..	..	140	140	..	..	..
*996	*996	..	..	*7,210	*6,360	*850	..	..
996	996	..	..	7,210	6,360	850	..	..
*1,095	*1,095	..	..	*8,508	*7,014	1,494	..	..
*1,095	*1,095	..	..	*8,027	*6,455	1,572	..	..
..	..	..	..	6,168	314	5,854	..	..
..	..	..	..	5,190	318	4,872	..	..
..	..	..	..	5,190	318	4,872	..	..
..	..	..	..	5,190	318	4,872	..	..
*15,971	*15,971	..	..	33,835	30,318	*3,488	..	*29
*17,974	*15,974	..	*2,000	36,564	31,276	3,418	..	1,870
*17,974	*15,974	..	*2,000	37,498	32,264	3,444	..	1,790
*17,974	*15,974	..	*2,000	40,605	35,429	*3,386	..	*1,790
..	..	..	..	51	51	..	..	..
..	..	..	..	138	138	..	..	..
..	..	..	..	286	286	..	..	..
..	..	..	..	*160	*160	..	..	..
3,201	2,656	544	1	53,858	32,371	19,065	..	2,422
3,421	2,836	544	41	60,586	35,776	21,745	..	3,065
*3,400	*2,836	*544	20	69,493	41,740	23,643	..	4,110
26	*11	0	15	73,121	41,821	25,868	..	5,432
..	..	..	..	*3,400	*3,400	..	..	..
..	..	..	..	*3,800	*3,800	..	..	..
..	..	..	..	*4,000	*4,000	..	..	..
..	..	..	..	*4,000	*4,000	..	..	..
..	..	..	..	27,180	27,170	..	..	10
..	..	..	..	27,374	27,314	..	..	60
..	..	..	..	28,829	28,769	..	..	60
..	..	..	..	28,745	28,685	..	..	60
*157	*157	..	..	*12,565	*10,710	*1,855	..	..
*157	*157	..	..	*12,565	*10,710	*1,855	..	..
*157	*157	..	..	*12,565	*10,710	*1,855	..	..
*157	*157	..	..	*12,565	*10,710	*1,855	..	..
2,709	2,700	3	6	*25,531	*15,000	*10,500	..	*31
*2,709	*2,700	*3	*6	*25,531	*15,000	*10,500	..	*31
*3,128	*2,814	*308	*6	*30,952	*15,455	*15,394	..	103
*3,128	*2,814	*308	*6	*35,425	*19,965	*15,331	..	129
*118	*118	..	..	1,417	1,417	..	..	..
*118	*118	..	..	1,417	1,417	..	..	..
*117	*117	..	..	1,402	1,402	..	..	..
*117	*117	..	..	1,402	1,402	..	..	..
91,573	73,915	4,079	13,579	1,230,513	641,091	254,157	165,600	169,664
98,109	76,534	4,085	17,490	1,243,475	632,068	256,896	165,388	189,123
106,617	80,599	4,108	21,910	1,273,737	645,860	258,249	165,962	203,666
110,605	80,858	4,096	25,651	1,275,039	627,836	260,953	165,429	220,821
25	25	..	..	1,742	98	1,629	..	15
25	25	..	..	1,893	98	1,781	..	14
25	25	..	..	1,840	98	1,726	..	16
*25	*25	..	..	1,897	98	1,799	..	0

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Andorra	2012	50	5	45	..	..	..	..
	2013	*50	*5	*45	..	..	..	..
	2014	*50	*5	*45	..	..	..	..
	2015	*50	*5	*45	..	..	..	..
Austria	2012	22,917	8,161	13,076	..	1,316	363	1
	2013	23,591	8,170	13,149	..	1,645	626	1
	2014	24,048	7,859	13,293	..	2,110	785	1
	2015	24,443	7,665	13,351	..	2,489	937	1
Belarus	2012	9,006	8,970	34	..	2	0	..
	2013	9,214	9,178	34	..	2	0	..
	2014	10,221	10,181	34	..	3	3	..
	2015	9,794	9,750	34	..	7	3	..
Belgium	2012	20,773	9,468	1,427	5,927	1,370	2,581	0
	2013	20,972	8,910	1,429	5,927	1,780	2,922	4
	2014	20,934	8,601	1,431	5,927	1,944	3,027	4
	2015	21,146	8,509	1,422	5,913	2,176	3,122	4
Bosnia and Herzegovina	2012	*4,304	*2,187	*2,117	..	..	..	..
	2013	*4,304	*2,187	*2,117	..	..	..	..
	2014	*4,304	*2,187	*2,117	..	..	..	..
	2015	*4,304	*2,187	*2,117	..	..	..	..
Bulgaria	2012	11,684	4,912	3,129	1,906	677	1,013	47
	2013	11,651	4,701	3,202	1,982	683	1,036	47
	2014	11,425	4,470	3,219	1,975	700	1,026	35
	2015	11,017	3,991	3,219	1,975	700	1,029	103
Croatia	2012	4,222	1,897	2,141	..	180	4	..
	2013	4,312	1,849	2,190	..	254	19	..
	2014	4,428	1,933	2,114	..	347	34	..
	2015	4,764	2,124	2,207	..	*375	*58	..
Czechia	2012	20,520	11,988	2,212	4,040	258	2,022	..
	2013	21,079	12,211	2,252	4,290	262	2,064	..
	2014	21,920	13,032	2,252	4,290	278	2,068	..
	2015	21,866	12,960	2,260	4,290	281	2,075	..
Denmark	2012	14,075	9,500	9	..	4,164	402	..
	2013	13,808	8,410	9	..	4,818	571	..
	2014	13,624	8,122	9	..	4,886	607	..
	2015	14,005	8,141	7	..	5,075	782	..
Estonia	2012	2,923	2,649	8	..	266	..	..
	2013	2,910	2,654	8	..	248	..	..
	2014	3,030	2,750	5	..	275	..	..
	2015	2,857	2,551	6	..	300	..	..
Faeroe Islands	2012	111	65	*39	..	*7	..	..
	2013	*115	*65	*39	..	*11	..	..
	2014	*124	*68	*39	..	*16	..	..
	2015	*126	*69	*40	..	*16	..	..
Finland	2012	15,757	9,564	3,196	2,732	257	8	..
	2013	16,653	10,221	3,224	2,752	447	9	..
	2014	16,245	9,607	3,248	2,752	627	11	..
	2015	15,875	8,854	3,249	2,752	1,005	15	..
France	2012	129,254	27,764	25,366	63,130	7,517	3,965	1,512
	2013	128,432	25,576	25,360	63,130	8,202	4,652	1,512
	2014	128,942	24,411	25,294	63,130	9,068	5,654	1,385
	2015	129,310	22,553	25,278	63,130	10,217	6,756	1,376
Germany	2012	177,291	89,649	11,257	12,068	31,304	32,643	370
	2013	186,117	91,368	11,240	12,068	34,660	36,337	444
	2014	198,416	97,203	11,234	12,074	39,193	38,236	476
	2015	204,052	96,967	11,399	10,799	44,670	39,788	429

Table 30

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	50	5	45	..	..
..	..	..	..	*50	*5	*45	..	..
..	..	..	..	*50	*5	*45	..	..
..	..	..	..	*50	*5	*45	..	..
2,349	1,814	535	..	20,568	6,347	12,541	..	1,680
2,379	1,844	535	..	21,212	6,326	12,614	..	2,272
2,256	1,723	533	..	21,792	6,136	12,760	..	2,896
2,238	1,701	537	..	22,205	5,964	12,814	..	3,427
637	630	6	1	8,369	8,340	28	..	1
706	699	6	1	8,508	8,479	28	..	1
790	783	6	1	9,431	9,398	28	..	5
805	797	6	2	8,989	8,953	28	..	8
3,869	1,286	..	2,583	16,904	8,182	1,427	5,927	1,368
4,276	1,351	..	2,925	16,696	7,559	1,429	5,927	1,781
4,431	1,399	..	3,032	16,503	7,202	1,431	5,927	1,943
4,437	1,310	..	3,127	16,709	7,199	1,422	5,913	2,175
*230	*230	..	..	*4,074	*1,957	*2,117	..	..
*230	*230	..	..	*4,074	*1,957	*2,117	..	..
*230	*230	..	..	*4,074	*1,957	*2,117	..	..
*230	*230	..	..	*4,074	*1,957	*2,117	..	..
110	63	..	47	11,574	4,849	3,129	1,906	1,690
112	65	..	47	11,539	4,636	3,202	1,982	1,719
95	60	..	35	11,330	4,410	3,219	1,975	1,726
240	137	..	103	10,777	3,854	3,219	1,975	1,729
201	199	2	..	4,021	1,698	2,139	..	184
157	155	2	..	4,155	1,694	2,188	..	273
*157	*155	*2	..	4,271	1,778	2,112	..	381
167	165	*2	..	4,597	1,959	2,205	..	*433
1,898	1,715	183	..	18,622	10,273	2,029	4,040	2,280
1,901	1,713	188	..	19,178	10,498	2,064	4,290	2,326
1,880	1,690	190	..	20,040	11,342	2,062	4,290	2,346
1,876	1,685	191	..	19,990	11,275	2,069	4,290	2,356
1,032	630	..	402	13,043	8,870	9	..	4,164
1,145	574	..	571	12,663	7,836	9	..	4,818
1,223	616	..	607	12,401	7,506	9	..	4,886
1,403	621	..	782	12,602	7,520	7	..	5,075
19	19	..	0	2,904	2,630	8	..	266
18	17	..	1	2,892	2,637	8	..	247
24	17	..	7	3,006	2,733	5	..	268
31	25	..	6	2,826	2,526	6	..	294
..	..	..	..	111	65	*39	..	*7
..	..	..	..	*115	*65	*39	..	*11
..	..	..	..	*124	*68	*39	..	*16
..	..	..	..	*126	*69	*40	..	*16
2,008	1,833	167	8	13,749	7,731	3,029	2,732	257
2,043	1,848	186	9	14,610	8,373	3,038	2,752	447
2,045	1,848	186	11	14,200	7,759	3,062	2,752	627
2,024	1,823	186	15	13,851	7,031	3,063	2,752	1,005
9,046	4,273	366	4,407	120,208	23,491	25,000	63,130	8,587
8,401	3,414	207	4,780	120,031	22,162	25,153	63,130	9,586
8,107	2,756	210	5,141	120,835	21,655	25,084	63,130	10,966
7,197	1,619	203	5,375	122,113	20,934	25,075	63,130	12,974
7,019	6,737	72	210	170,272	82,912	11,185	12,068	64,107
9,619	9,296	42	281	176,498	82,072	11,198	12,068	71,160
9,807	9,456	44	307	188,609	87,747	11,190	12,074	77,598
10,718	10,415	43	260	193,334	86,552	11,356	10,799	84,627

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Gibraltar	2012	43	43	..	..	..	..	..
	2013	43	43	..	..	..	..	..
	2014	43	43	..	..	..	..	..
	2015	43	43	..	..	..	..	..
Greece	2012	17,751	11,226	3,236	..	1,753	1,536	..
	2013	18,855	11,229	3,238	..	1,809	2,579	..
	2014	18,895	10,932	3,389	..	1,978	2,596	..
	2015	18,942	10,855	3,392	..	2,091	2,604	..
Guernsey	2012	*115	*115	..	..	..	..	..
	2013	*115	*115	..	..	..	..	..
	2014	*115	*115	..	..	..	..	..
	2015	*115	*115	..	..	..	..	..
Hungary	2012	9,400	7,007	56	2,000	325	12	..
	2013	8,418	5,987	57	2,000	329	35	10
	2014	8,655	6,179	57	2,000	329	77	13
	2015	8,579	6,011	57	2,000	329	168	14
Iceland	2012	2,656	114	1,877	..	0	..	665
	2013	2,765	114	1,984	..	2	..	665
	2014	2,766	114	1,984	..	3	..	665
	2015	2,772	117	1,987	..	3	..	665
Ireland	2012	8,589	6,295	529	..	1,764	1	..
	2013	8,798	6,327	529	..	1,941	1	..
	2014	9,084	6,342	529	..	2,211	2	..
	2015	9,557	6,586	529	..	2,440	2	..
Isle of Man	2012	180	179	1	..	..	..	..
	2013	186	185	1	..	..	..	..
	2014	186	185	1	..	..	..	..
	2015	186	185	1	..	..	..	..
Italy	2012	124,599	76,793	21,880	..	8,102	16,785	1,039
	2013	124,515	74,733	22,009	..	8,542	18,185	1,046
	2014	121,747	71,272	22,098	..	8,683	18,594	1,100
	2015	116,955	65,617	22,220	..	9,137	18,892	1,089
Jersey	2012	*219	*219	..	..	..	..	..
	2013	*240	*240	..	..	..	..	..
	2014	*240	*240	..	..	..	..	..
	2015	*253	*253	..	..	..	..	..
Latvia	2012	2,660	1,023	1,576	..	59	..	2
	2013	2,911	1,255	1,589	..	67	..	0
	2014	2,924	1,265	1,590	..	69	..	0
	2015	2,935	1,275	1,591	..	69	..	..
Liechtenstein	2012	*13	*1	*10	..	..	*2	..
	2013	*14	*1	*10	..	..	*3	..
	2014	*15	1	*10	..	..	*4	..
	2015	*16	*1	*10	..	..	*5	..
Lithuania	2012	4,564	3,301	876	..	275	7	105
	2013	4,648	3,320	876	..	279	68	105
	2014	4,365	3,026	877	..	288	69	105
	2015	3,915	2,428	877	..	436	69	105
Luxembourg	2012	1,789	522	1,134	..	58	75	..
	2013	1,813	526	1,134	..	58	95	..
	2014	2,022	524	1,330	..	58	110	..
	2015	2,023	513	1,330	..	64	116	..
Malta	2012	644	623	..	..	..	21	..
	2013	671	623	..	..	..	48	..
	2014	698	623	..	..	..	75	..
	2015	687	593	..	..	..	94	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	43	43	..	..	..
..	..	..	..	43	43	..	..	..
..	..	..	..	43	43	..	..	..
..	..	..	..	43	43	..	..	..
522	522	..	..	17,229	10,704	3,236	..	3,289
527	527	..	..	18,328	10,702	3,238	..	4,388
505	505	..	..	18,390	10,427	3,389	..	4,574
561	561	..	..	18,381	10,294	3,392	..	4,695
..	..	..	..	*115	*115	..	..	..
..	..	..	..	*115	*115	..	..	..
..	..	..	..	*115	*115	..	..	..
..	..	..	..	*115	*115	..	..	..
113	101	..	12	9,287	6,906	56	2,000	325
201	156	..	45	8,217	5,831	57	2,000	329
262	172	..	90	8,393	6,007	57	2,000	329
337	155	..	182	8,242	5,856	57	2,000	329
0	0	0	..	2,656	114	1,877	..	665
0	0	0	..	2,765	114	1,984	..	667
0	0	0	..	2,766	114	1,984	..	668
0	0	0	..	2,772	117	1,987	..	668
333	332	..	1	8,256	5,963	529	..	1,764
338	337	..	1	8,460	5,990	529	..	1,941
344	342	..	2	8,740	6,000	529	..	2,211
346	344	..	2	9,211	6,242	529	..	2,440
..	..	..	..	180	179	1	..	..
..	..	..	..	186	185	1	..	..
..	..	..	..	186	185	1	..	..
..	..	..	..	186	185	1	..	..
4,195	3,941	128	126	120,404	72,852	21,752	..	25,800
4,302	4,069	119	114	120,213	70,664	21,890	..	27,659
4,074	3,853	119	102	117,673	67,419	21,979	..	28,275
5,258	5,042	121	95	111,697	60,575	22,099	..	29,023
*7	*7	..	..	*212	*212	..	..	..
*28	*28	..	..	*212	*212	..	..	..
*28	*28	..	..	*212	*212	..	..	..
*28	*28	..	..	*225	*225	..	..	..
42	39	3	0	2,618	984	1,573	..	61
52	50	2	0	2,859	1,205	1,587	..	67
43	41	2	0	2,881	1,224	1,588	..	69
43	41	2	..	2,892	1,234	1,589	..	69
..	..	..	..	*13	*1	*10	..	*2
..	..	..	..	*14	*1	*10	..	*3
..	..	..	..	*15	1	*10	..	*4
..	..	..	..	*16	*1	*10	..	*5
352	247	..	105	4,212	3,054	876	..	282
350	245	..	105	4,298	3,075	876	..	347
353	248	..	105	4,012	2,778	877	..	357
354	249	..	105	3,561	2,179	877	..	505
136	59	2	75	1,653	463	1,132	..	58
156	59	2	95	1,657	467	1,132	..	58
171	59	2	110	1,851	465	1,328	..	58
180	62	2	116	1,843	451	1,328	..	64
*8	3	..	*5	636	620	..	..	16
*23	3	..	*20	648	620	..	..	28
*23	3	..	*20	675	620	..	..	55
*23	3	..	*20	664	590	..	..	74

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Montenegro	2012	877	219	658	..	..	..	..
	2013	870	219	651	..	..	..	..
	2014	870	219	651	..	..	..	..
	2015	870	219	651	..	..	..	..
Netherlands	2012	29,924	26,518	37	510	2,433	369	57
	2013	30,539	26,520	37	485	2,713	746	38
	2014	31,762	27,286	37	485	2,865	1,048	41
	2015	33,866	28,401	37	485	3,391	1,515	37
Norway	2012	32,860	1,611	30,509	..	705	..	35
	2013	33,486	1,600	31,033	..	818	..	35
	2014	33,697	1,563	31,240	..	859	..	35
	2015	33,837	1,563	31,372	..	867	..	35
Poland	2012	35,313	30,365	2,351	..	2,564	1	*32
	2013	35,845	30,027	2,355	..	3,429	2	*32
	2014	36,019	29,760	2,364	..	3,836	27	*32
	2015	37,352	29,956	2,370	..	4,886	108	*32
Portugal	2012	19,747	9,360	5,712	..	4,412	238	25
	2013	18,900	8,308	5,661	..	4,610	296	25
	2014	19,125	8,113	5,715	..	4,856	415	26
	2015	19,625	8,048	6,168	..	4,937	447	25
Republic of Moldova	2012	487	471	16	..	0	..	..
	2013	488	471	16	..	1	..	..
	2014	421	403	16	..	1	1	..
	2015	432	414	16	..	1	1	..
Romania	2012	21,774	11,945	6,548	1,411	1,822	48	..
	2013	23,033	11,393	6,610	1,411	2,773	846	..
	2014	24,054	11,323	6,613	1,411	3,244	1,463	..
	2015	23,943	11,233	6,730	1,411	3,130	1,439	..
Russian Federation	2012	232,685	157,845	49,445	25,304	10	..	81
	2013	239,423	163,926	50,104	25,304	10	..	79
	2014	259,020	182,465	50,845	25,304	101	227	78
	2015	257,075	179,148	50,998	26,304	101	446	78
Serbia	2012	7,204	4,349	2,855	..	..	..	..
	2013	7,163	4,232	2,931	..	..	..	..
	2014	7,326	4,303	3,017	..	..	6	..
	2015	7,361	4,327	3,022	..	..	12	..
Slovakia	2012	8,412	3,416	2,522	1,939	3	513	19
	2013	8,458	3,432	2,523	1,940	5	533	25
	2014	8,092	3,068	2,523	1,940	3	533	25
	2015	7,783	2,754	2,522	1,940	4	533	30
Slovenia	2012	3,351	1,267	1,254	688	0	142	..
	2013	3,434	1,256	1,299	688	4	187	..
	2014	3,454	1,242	1,296	688	4	224	..
	2015	3,360	1,133	1,295	688	5	239	..
Spain	2012	112,475	56,736	18,750	7,450	22,793	6,656	*90
	2013	113,302	56,786	19,385	6,984	22,962	7,095	*90
	2014	113,774	56,786	19,423	7,399	22,979	7,097	*90
	2015	114,205	56,350	20,253	7,399	22,947	7,166	*90
Sweden	2012	37,843	8,362	16,414	9,436	3,607	24	..
	2013	37,915	7,776	16,494	9,408	4,194	43	..
	2014	39,930	9,270	15,996	9,507	5,097	60	..
	2015	40,906	8,945	16,329	9,688	5,840	104	..
Switzerland	2012	18,584	1,018	13,802	3,278	49	437	..
	2013	18,932	1,021	13,817	3,278	60	756	..
	2014	19,165	993	13,743	3,308	60	1,061	..
	2015	19,618	1,016	13,815	3,333	60	1,394	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	877	219	658	..	..
..	..	..	..	870	219	651	..	..
..	..	..	..	870	219	651	..	..
..	..	..	..	870	219	651	..	..
6,210	5,315	..	895	23,714	21,203	37	510	1,964
6,403	5,130	..	1,273	24,136	21,390	37	485	2,224
6,793	5,194	..	1,599	24,969	22,092	37	485	2,355
7,041	5,001	..	2,040	26,825	23,400	37	485	2,903
2,074	993	1,059	22	30,786	618	29,450	..	718
2,074	993	1,059	22	31,412	607	29,974	..	831
2,074	993	1,059	22	31,623	570	30,181	..	872
2,074	993	1,059	22	31,763	570	30,313	..	880
1,769	1,765	1	3	33,544	28,600	2,350	..	2,594
1,806	1,801	1	4	34,039	28,226	2,354	..	3,459
1,848	1,818	1	29	34,171	27,942	2,363	..	3,866
2,138	2,027	1	110	35,214	27,929	2,369	..	4,916
2,112	2,003	6	103	17,635	7,357	5,706	..	4,572
2,059	1,899	6	154	16,841	6,409	5,655	..	4,777
2,105	1,908	6	191	17,020	6,205	5,709	..	5,106
2,050	1,843	6	201	17,575	6,205	6,162	..	5,208
141	141	..	..	346	330	16	..	0
141	141	..	..	347	330	16	..	1
74	73	..	1	347	330	16	..	1
84	84	..	..	348	330	16	..	2
2,040	1,520	93	427	19,734	10,425	6,455	1,411	1,443
3,059	2,329	101	629	19,974	9,064	6,509	1,411	2,990
3,158	2,342	90	726	20,896	8,981	6,523	1,411	3,981
3,008	2,338	111	559	20,935	8,895	6,619	1,411	4,010
18,365	18,061	304	..	214,320	139,784	49,141	25,304	91
19,634	19,182	452	..	219,789	144,744	49,652	25,304	89
25,360	24,873	487	..	233,660	157,592	50,358	25,304	406
24,852	24,375	477	..	232,223	154,773	50,521	26,304	625
60	60	..	..	7,144	4,289	2,855	..	..
61	61	..	..	7,102	4,171	2,931	..	..
77	77	..	..	7,249	4,226	3,017	..	6
77	77	..	..	7,284	4,250	3,022	..	12
1,042	583	29	430	7,370	2,833	2,493	1,939	105
1,073	585	30	458	7,385	2,847	2,493	1,940	105
1,145	657	30	458	6,947	2,411	2,493	1,940	103
1,125	635	27	463	6,658	2,119	2,495	1,940	104
293	40	116	137	3,058	1,227	1,138	688	5
339	42	116	181	3,095	1,214	1,183	688	10
384	50	116	218	3,070	1,192	1,180	688	10
395	47	116	232	2,965	1,086	1,179	688	12
*7,304	*7,000	*200	*104	105,171	49,736	18,550	7,450	29,435
*7,304	*7,000	*200	*104	105,998	49,786	19,185	6,984	30,043
*7,304	*7,000	*200	*104	106,470	49,786	19,223	7,399	30,062
*7,304	*7,000	*200	*104	106,901	49,350	20,053	7,399	30,099
1,241	1,238	3	..	36,602	7,124	16,411	9,436	3,631
1,203	1,194	9	..	36,712	6,582	16,485	9,408	4,237
*1,203	*1,194	9	..	38,727	8,076	15,987	9,507	5,157
*1,202	*1,194	8	..	39,704	7,751	16,321	9,688	5,944
1,746	727	582	437	16,838	291	13,220	3,278	49
2,071	730	585	756	16,861	291	13,232	3,278	60
2,352	730	561	1,061	16,813	263	13,182	3,308	60
2,661	756	511	1,394	16,957	260	13,304	3,333	60

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
T.F.Yug.Rep. Macedonia	2012	1,706	1,107	595	..	..	4	..
	2013	1,731	1,107	617	..	..	7	..
	2014	1,759	1,077	630	..	37	15	..
	2015	1,790	1,074	658	..	37	17	4
Ukraine	2012	55,001	35,129	5,470	13,835	248	319	..
	2013	55,914	35,616	5,489	13,835	362	612	..
	2014	55,843	35,335	5,851	13,835	411	411	..
	2015	55,904	35,335	5,883	13,835	428	423	..
United Kingdom	2012	95,967	70,925	4,438	9,946	8,899	1,756	3
	2013	93,033	64,586	4,453	9,906	11,212	2,873	3
	2014	94,713	61,840	4,472	9,937	13,037	5,424	3
	2015	95,209	57,737	4,503	9,487	14,291	9,187	4
Oceania	2012	77,280	55,464	15,324	..	3,235	2,451	807
	2013	77,931	55,293	14,576	..	3,895	3,278	889
	2014	80,044	55,838	14,578	..	4,530	4,043	1,055
	2015	79,564	54,457	14,598	..	4,977	4,454	1,078
American Samoa	2012	*42	*41	..	..	..	1	..
	2013	*42	*41	..	..	..	*1	..
	2014	42	41	..	..	..	1	..
	2015	*45	*42	..	..	..	3	..
Australia	2012	64,840	50,377	9,466	..	2,561	2,435	1
	2013	65,364	50,171	8,713	..	3,221	3,258	1
	2014	67,233	50,704	8,724	..	3,797	4,007	1
	2015	67,029	49,710	8,724	..	4,234	4,360	1
Cook Islands	2012	*12	*11	..	..	..	*1	..
	2013	*12	*11	..	..	..	*1	..
	2014	*10	*8	..	..	..	*2	..
	2015	*13	*11	..	..	..	*2	..
Fiji	2012	285	*140	135	..	10	..	..
	2013	309	164	135	..	10	..	..
	2014	309	164	135	..	10	..	..
	2015	294	149	135	..	10	..	..
French Polynesia	2012	*228	*177	*47	..	..	*4	..
	2013	*228	*177	*48	..	..	*4	..
	2014	*230	*177	*48	..	..	*5	..
	2015	*230	*177	*48	..	..	*6	..
Guam	2012	552	552	..	..	..	..	..
	2013	552	552	..	..	..	..	..
	2014	552	552	..	..	..	..	..
	2015	560	525	..	..	9	26	..
Kiribati	2012	8	6	..	..	..	*1	..
	2013	8	6	..	..	..	*1	..
	2014	*8	*6	..	..	..	*1	..
	2015	*9	*8	..	..	..	2	..
Marshall Islands	2012	33	33	..	..	..	0	..
	2013	33	33	..	..	..	0	..
	2014	34	33	..	..	..	1	..
	2015	36	36	..	..	..	0	..
Micronesia (Fed. States of)	2012	32	32	..	..	..	1	..
	2013	32	32	..	..	..	1	..
	2014	34	32	2	..	..	1	..
	2015	*34	*32	2	..	..	1	..
Nauru	2012	5	5	..	..	..	0	..
	2013	*6	*5	..	..	..	0	..
	2014	*6	*6	..	..	..	0	..
	2015	*6	*6	..	..	..	0	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
3	3	..	..	1,703	1,104	595	..	4
3	3	..	..	1,728	1,104	617	..	7
3	3	..	..	1,756	1,074	630	..	52
0	0	..	..	1,790	1,074	658	..	58
3,356	3,351	5	..	51,645	31,778	5,465	13,835	567
3,336	3,326	5	5	52,578	32,290	5,484	13,835	969
2,933	2,925	4	4	52,910	32,410	5,847	13,835	818
2,759	2,751	5	3	53,145	32,584	5,878	13,835	848
9,666	6,410	217	3,039	86,301	64,515	4,221	9,946	7,619
10,554	5,413	232	4,909	82,479	59,173	4,221	9,906	9,179
12,931	4,753	251	7,927	81,782	57,087	4,221	9,937	10,537
15,314	4,699	282	10,333	79,895	53,038	4,221	9,487	13,149
7,436	4,815	102	2,520	69,844	50,650	15,222	..	3,973
9,129	5,682	102	3,346	68,802	49,611	14,474	..	4,717
9,898	5,690	102	4,107	70,146	50,148	14,476	..	5,522
10,167	5,725	102	4,341	69,397	48,733	14,496	..	6,168
..	..	..	..	*42	*41	..	..	1
..	..	..	..	*42	*41	..	..	*1
..	..	..	..	42	41	..	..	1
..	..	..	..	*45	*42	..	..	3
6,598	4,166	..	2,432	58,242	46,211	9,466	..	2,565
8,165	4,910	..	3,255	57,199	45,261	8,713	..	3,225
8,902	4,898	..	4,004	58,331	45,806	8,724	..	3,801
9,151	4,948	..	4,203	57,878	44,762	8,724	..	4,392
..	..	..	..	*12	*11	..	..	*1
..	..	..	..	*12	*11	..	..	*1
..	..	..	..	*10	*8	..	..	*2
..	..	..	..	*13	*11	..	..	*2
*50	*50	..	..	235	*90	135	..	10
*50	*50	..	..	259	114	135	..	10
*50	*50	..	..	259	114	135	..	10
*35	*35	..	..	259	114	135	..	10
..	..	..	..	*228	*177	*47	..	*4
..	..	..	..	*228	*177	*48	..	*4
..	..	..	..	*230	*177	*48	..	*5
..	..	..	..	*230	*177	*48	..	*6
..	..	..	..	552	552	..	..	..
..	..	..	..	552	552	..	..	..
..	..	..	..	552	552	..	..	..
..	..	..	..	560	525	..	..	35
*1	*1	..	..	7	5	..	..	*1
*1	*1	..	..	7	5	..	..	*1
*1	*1	..	..	*7	*5	..	..	*1
*1	*1	..	..	*8	*7	..	..	2
..	..	..	..	33	33	..	..	0
..	..	..	..	33	33	..	..	0
..	..	..	..	34	33	..	..	1
..	..	..	..	36	36	..	..	0
..	..	..	..	32	32	..	..	1
..	..	..	..	32	32	..	..	1
..	..	..	..	34	32	2	..	1
..	..	..	..	*34	*32	2	..	1
..	..	..	..	5	5	..	..	0
..	..	..	..	*6	*5	..	..	0
..	..	..	..	*6	*6	..	..	0
..	..	..	..	*6	*6	..	..	0

Table 30

Net installed capacity of electricity plants by type

Megawatts

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
New Caledonia	2012	503	384	78	..	38	4	..
	2013	691	572	78	..	38	4	..
	2014	683	565	78	..	37	4	..
	2015	686	565	78	..	37	7	..
New Zealand	2012	9,689	2,988	5,324	..	623	4	750
	2013	9,529	2,738	5,329	..	623	7	832
	2014	9,770	2,741	5,329	..	683	19	998
	2015	9,473	2,388	5,340	..	683	38	1,024
Niue	2012	2	2	..	..	..	0	..
	2013	2	2	..	..	..	0	..
	2014	2	2	..	..	..	0	..
	2015	*2	*2	..	..	..	0	..
Northern Mariana Islands	2012	*88	*88	..	..	..	..	..
	2013	*91	*91	..	..	..	..	..
	2014	95	95	..	..	..	..	..
	2015	*95	*95	..	..	..	..	..
Palau	2012	*30	*30	..	..	..	..	..
	2013	*30	*30	..	..	..	..	..
	2014	30	30	..	..	..	..	..
	2015	30	30	..	..	..	..	..
Papua New Guinea	2012	*795	*478	261	..	..	..	56
	2013	*865	*548	261	..	..	..	56
	2014	*872	*566	250	..	..	..	*56
	2015	*878	*566	*259	..	..	..	53
Samoa	2012	*42	*30	*12	..	..	..	..
	2013	*42	*30	*12	..	..	..	..
	2014	38	26	12	..	..	..	..
	2015	*43	*25	11	..	1	6	..
Solomon Islands	2012	*36	*36	0	..	..	..	..
	2013	*36	*36	0	..	..	..	..
	2014	*37	*36	0	..	..	*1	..
	2015	*37	*36	0	..	..	*1	..
Tonga	2012	*14	*14	..	..	..	..	..
	2013	*15	*14	..	..	0	*1	..
	2014	*16	*14	..	..	0	*2	..
	2015	*17	*15	..	..	0	*2	..
Tuvalu	2012	*3	*3	..	..	..	..	..
	2013	3	3	..	..	..	..	..
	2014	3	3	..	..	..	..	..
	2015	*4	*3	..	..	..	1	..
Vanuatu	2012	31	27	1	..	3	0	..
	2013	31	27	1	..	3	0	..
	2014	31	27	1	..	3	0	..
	2015	*32	*27	1	..	3	0	..
Wallis and Futuna Is.	2012	11	11	0	..	..	0	..
	2013	*11	*11	0	..	..	0	..
	2014	*11	*11	0	..	..	0	..
	2015	*11	*11	0	..	..	0	..

Table 30

Net installed capacity of electricity plants by type

Megawatts

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
*8	*7	..	*1	495	377	78	..	41
*61	*60	..	*1	630	512	78	..	41
*61	*60	..	*1	622	505	78	..	40
*61	*60	..	*1	625	505	78	..	43
255	221	3	31	9,434	2,767	5,321	..	1,346
258	221	3	34	9,271	2,517	5,326	..	1,428
270	221	3	46	9,500	2,520	5,326	..	1,654
308	221	3	84	9,165	2,167	5,337	..	1,661
..	..	..	..	2	2	..	..	0
..	..	..	..	2	2	..	..	0
..	..	..	..	2	2	..	..	0
..	..	..	..	*2	*2	..	..	0
..	..	..	..	*88	*88	..	..	..
..	..	..	..	*91	*91	..	..	..
..	..	..	..	95	95	..	..	..
..	..	..	..	*95	*95	..	..	..
*2	*2	..	..	*28	*28	..	..	..
*2	*2	..	..	*28	*28	..	..	..
*2	*2	..	..	28	28	..	..	..
*2	*2	..	..	28	28	..	..	..
*515	*360	99	56	280	*118	162	..	..
*585	*430	99	56	280	*118	162	..	..
*605	*450	*99	*56	267	116	151	..	..
*602	*450	*99	53	*276	*116	*160	..	..
*3	*3	..	..	*39	*27	*12	..	..
*3	*3	..	..	*39	*27	*12	..	..
*3	*3	..	..	35	23	12	..	..
*3	*3	..	..	*40	*23	11	..	7
*5	*5	..	..	*31	*31	0	..	..
*5	*5	..	..	*31	*31	0	..	..
*5	*5	..	..	*32	*31	0	..	*1
*5	*5	..	..	*32	*31	0	..	*1
..	..	..	..	*14	*14	..	..	..
..	..	..	..	*15	*14	..	..	*1
..	..	..	..	*16	*14	..	..	*2
..	..	..	..	*17	*15	..	..	*2
..	..	..	..	*3	*3	..	..	..
..	..	..	..	3	3	..	..	..
..	..	..	..	3	3	..	..	..
..	..	..	..	*4	*3	..	..	1
..	..	..	..	31	27	1	..	3
..	..	..	..	31	27	1	..	3
..	..	..	..	31	27	1	..	3
..	..	..	..	*32	*27	1	..	3
..	..	..	..	11	11	0	..	0
..	..	..	..	*11	*11	0	..	0
..	..	..	..	*11	*11	0	..	0
..	..	..	..	*11	*11	0	..	0

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Table Notes

Data on utilization are derived by dividing the data on electricity production shown in Table 32 by the net installed capacity shown in Table 30, and then by the total number of hours in a year to yield a percentage of theoretical maximal utilization.

For this table, **Other** under total producers refers to geothermal, tide, wave, marine and other non-specified sources. **Other** under autoproducers refers to nuclear (if any), wind, solar, tide, wave, marine and other non-specified sources. **Other** under main activity producers refers to wind, solar, tide, wave, marine and other non-specified sources.

For Austria data are given in gross maximum capacity.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Figure 74: Utilization of installed electric generating capacity by source and region, 2015

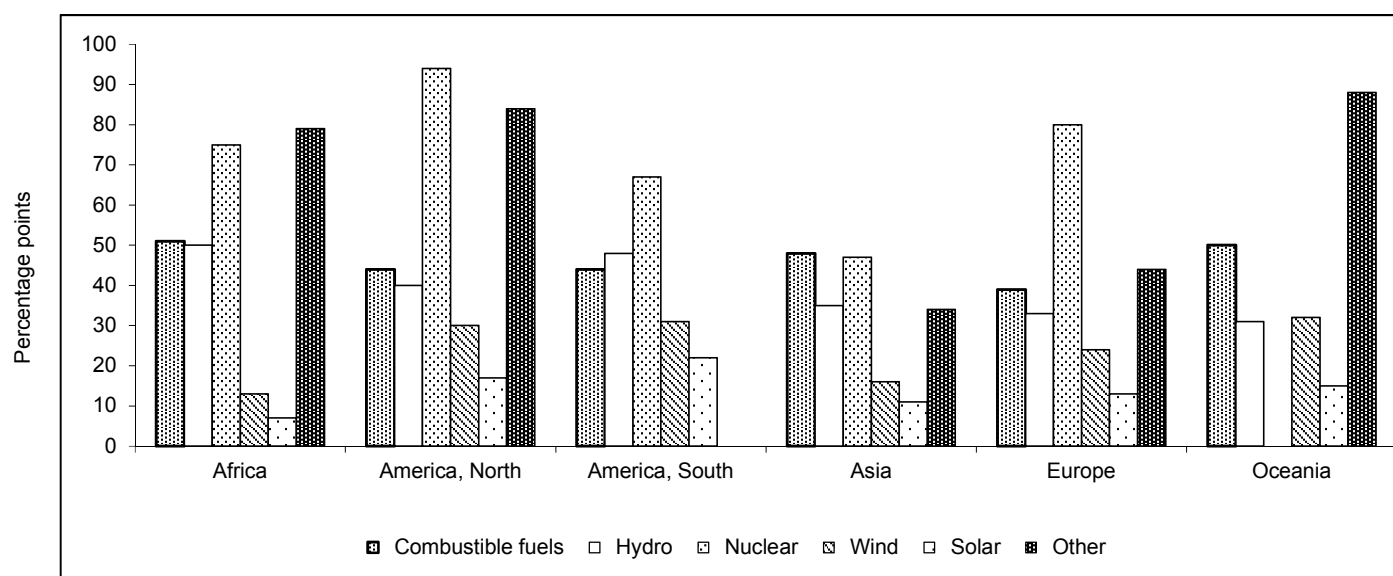


Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
World	2012	46	47	39	74	22	11	67
	2013	45	47	39	75	24	11	51
	2014	44	46	39	76	23	12	55
	2015	43	46	37	75	22	13	50
Africa	2012	54	54	51	72	23	17	85
	2013	52	52	52	89	27	16	75
	2014	51	51	52	84	24	18	56
	2015	49	51	50	75	13	7	79
Algeria	2012	42	42	24	..	..	..	..
	2013	38	38	13	..	..	..	..
	2014	38	39	10	..	..	..	..
	2015	38	39	6	..	22	15	..
Angola	2012	46	36	57	..	..	..	..
	2013	61	51	72	..	..	..	..
	2014	52	66	44	..	..	..	..
	2015	44	48	41	..	..	..	..
Benin	2012	9	9	..	..	..	..	..
	2013	5	5	..	..	..	..	..
	2014	11	11	..	..	..	..	..
	2015	10	12	3	..	..	1	..
Botswana	2012	19	19	..	..	..	11	..
	2013	12	12	..	..	..	11	..
	2014	43	44	..	..	..	11	..
	2015	55	55	..	..	..	11	..
Burkina Faso	2012	24	23	34	..	..	..	..
	2013	34	33	38	..	..	..	..
	2014	35	35	32	..	..	..	..
	2015	35	35	33	..	..	..	..
Burundi	2012	44	7	50	..	..	..	..
	2013	47	34	49	..	..	..	..
	2014	48	43	50	..	..	..	..
	2015	45	36	47	..	..	..	..
Cabo Verde	2012	32	34	..	..	27	13	..
	2013	32	34	..	..	33	11	..
	2014	30	32	..	..	29	8	..
	2015	30	30	..	..	35	10	..
Cameroon	2012	40	23	55	..	..	..	..
	2013	40	19	64	..	..	..	..
	2014	45	22	71	..	..	..	..
	2015	50	24	79	..	..	..	..
Central African Rep.	2012	46	16	68	..	..	..	..
	2013	36	1	63	..	..	..	..
	2014	44	1	78	..	..	..	..
	2015	44	1	78	..	..	..	..
Chad	2012	57	57	..	..	..	..	..
	2013	30	30	..	..	..	..	..
	2014	30	30	..	..	..	..	..
	2015	30	30	..	..	..	..	..
Comoros	2012	29	29	..	..	..	..	..
	2013	27	27	..	..	..	..	..
	2014	24	24	..	..	..	..	..
	2015	18	18	..	..	..	..	..
Congo	2012	50	48	51	..	..	..	..
	2013	50	50	50	..	..	..	..
	2014	51	53	49	..	..	..	..
	2015	57	65	51	..	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Total	Autoproducers			Main activity producers				
	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
42	45	37	14	46	48	39	74	22
43	46	37	14	46	47	39	75	22
39	43	35	14	45	46	39	76	22
37	41	33	14	44	46	38	75	21
39	39	12	12	55	55	52	72	30
36	37	13	8	54	54	53	89	32
30	32	15	12	53	53	53	84	33
28	32	10	12	51	52	51	75	16
14	14	..	..	47	48	24	..	..
14	14	..	..	42	43	13	..	..
13	13	..	..	43	44	10	..	..
14	14	..	..	43	44	6	..	16
31	31	..	..	48	37	57	..	..
42	42	..	..	63	53	72	..	..
48	48	..	..	53	69	44	..	..
35	35	..	..	45	50	41	..	..
29	29	..	..	6	6	..	..	..
27	27	..	..	4	4	..	..	..
28	28	..	..	7	7	..	..	..
28	28	..	..	7	9	3	..	1
..	..	..	..	21	22	..	..	11
..	..	..	..	12	12	..	..	11
..	..	..	..	45	45	..	..	11
..	..	..	..	56	56	..	..	11
27	27	..	..	23	21	34	..	..
..	..	..	..	34	33	38	..	..
..	..	..	..	35	35	32	..	..
..	..	..	..	35	35	33	..	..
..	..	..	..	44	7	50	..	..
..	..	..	..	47	34	49	..	..
..	..	..	..	48	43	50	..	..
..	..	..	..	45	36	47	..	..
18	18	..	..	32	34	..	..	24
17	17	..	..	32	34	..	..	28
15	15	..	..	30	32	..	..	24
15	15	..	..	30	30	..	..	29
35	35	..	..	42	11	55	..	..
40	40	..	..	40	8	64	..	..
45	45	..	..	45	9	71	..	..
48	48	..	..	50	10	79	..	..
..	..	..	..	46	16	68	..	..
..	..	..	..	36	1	63	..	..
..	..	..	..	44	1	78	..	..
..	..	..	..	44	1	78	..	..
..	..	..	..	57	57	..	..	..
..	..	..	..	30	30	..	..	..
..	..	..	..	30	30	..	..	..
..	..	..	..	30	30	..	..	..
..	..	..	..	29	29	..	..	..
..	..	..	..	27	27	..	..	..
..	..	..	..	24	24	..	..	..
..	..	..	..	18	18	..	..	..
51	51	..	..	49	..	51	..	..
53	53	..	..	48	..	50	..	..
56	56	..	..	47	..	49	..	..
92	92	..	..	42	..	51	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Côte d'Ivoire	2012	57	57	55	..	..	..	..
	2013	57	60	49	..	..	..	..
	2014	57	59	51	..	..	..	..
	2015	52	64	26	..	..	..	..
Dem. Rep. of the Congo	2012	35	9	35	..	..	..	..
	2013	36	9	37	..	..	..	..
	2014	39	7	39	..	..	..	..
	2015	39	7	40	..	..	..	..
Djibouti	2012	35	35	..	..	..	..	..
	2013	35	35	..	..	..	..	..
	2014	35	35	..	..	..	..	..
	2015	36	36	..	..	..	..	..
Egypt	2012	60	61	53	..	26	19	..
	2013	59	60	54	..	28	9	..
	2014	57	58	56	..	30	20	..
	2015	54	55	55	..	21	21	..
Equatorial Guinea	2012	14	25	1	..	..	..	..
	2013	14	25	1	..	..	..	..
	2014	32	25	41	..	..	..	..
	2015	27	22	34	..	..	..	..
Eritrea	2012	29	29	..	..	..	23	..
	2013	30	30	..	..	..	23	..
	2014	32	32	..	..	..	23	..
	2015	29	29	..	..	..	23	..
Ethiopia	2012	38	1	43	..	13	..	26
	2013	43	0	49	..	24	..	28
	2014	47	0	53	..	33	..	31
	2015	49	0	57	..	27	..	..
Gabon	2012	53	48	61	..	..	34	..
	2013	50	44	63	..	..	23	..
	2014	53	53	53	..	..	23	..
	2015	47	40	62	..	..	23	..
Gambia	2012	41	41	..	..	..	..	..
	2013	33	33	..	..	..	..	..
	2014	28	28	..	..	..	..	..
	2015	28	28	..	..	..	..	..
Ghana	2012	48	27	78	..	..	..	..
	2013	49	38	59	..	..	14	..
	2014	49	37	61	..	..	18	..
	2015	34	29	42	..	..	2	..
Guinea	2012	31	20	44	..	..	..	..
	2013	19	7	43	..	..	..	..
	2014	29	21	39	..	..	..	..
	2015	23	15	27	..	..	..	..
Guinea-Bissau	2012	14	14	..	..	..	..	..
	2013	15	15	..	..	..	..	..
	2014	14	14	..	..	..	..	..
	2015	15	15	..	..	..	..	..
Kenya	2012	56	41	60	..	35	..	87
	2013	56	35	66	..	34	..	86
	2014	50	41	51	..	37	..	60
	2015	48	20	50	..	26	..	83
Lesotho	2012	69	..	69	..	..	..	..
	2013	73	..	74	..	..	..	..
	2014	73	..	74	..	..	..	..
	2015	76	..	76	..	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
34	34	..	..	57	58	55	..	..
35	35	..	..	58	60	49	..	..
36	36	..	..	57	60	51	..	..
52	52	..	..	52	65	26	..	..
0	49	0	..	45	3	46	..	..
0	51	0	..	46	3	47	..	..
0	46	0	..	50	2	50	..	..
0	27	0	..	50	4	51	..	..
..	..	..	..	35	35	..	..	..
..	..	..	..	35	35	..	..	..
..	..	..	..	35	35	..	..	..
..	..	..	..	36	36	..	..	..
90	90	..	..	59	60	53	..	25
91	91	..	..	58	59	54	..	24
91	91	..	..	57	57	56	..	28
91	91	..	..	53	54	55	..	21
..	..	..	..	14	25	1	..	..
..	..	..	..	14	25	1	..	..
..	..	..	..	32	25	41	..	..
..	..	..	..	27	22	34	..	..
21	21	..	..	30	30	..	..	23
21	21	..	..	30	30	..	..	23
21	21	..	..	32	32	..	..	23
13	13	..	..	30	30	..	..	23
..	..	..	..	38	1	43	..	13
..	..	..	..	43	0	49	..	24
..	..	..	..	47	0	53	..	33
..	..	..	..	49	0	57	..	26
30	30	..	34	57	54	61	..	..
31	31	..	23	53	48	63	..	..
31	32	..	23	57	59	53	..	..
35	36	..	23	49	42	62	..	..
10	10	..	..	67	67	..	..	..
10	10	..	..	46	46	..	..	..
10	10	..	..	35	36	..	..	..
10	10	..	..	35	36	..	..	..
10	10	..	..	51	30	78	..	..
10	10	..	..	52	42	59	..	14
10	10	..	..	52	42	61	..	18
10	10	..	..	36	31	42	..	2
0	0	..	..	39	31	44	..	..
6	6	..	..	21	8	43	..	..
35	35	..	..	28	14	39	..	..
38	38	..	..	22	6	27	..	..
45	45	..	..	12	12	..	..	..
47	47	..	..	12	12	..	..	..
47	47	..	..	12	12	..	..	..
47	47	..	..	12	12	..	..	..
..	..	..	..	56	41	60	..	86
..	..	..	..	56	35	66	..	85
..	..	..	..	50	41	51	..	59
..	..	..	..	48	20	50	..	81
..	..	..	..	69	..	69	..	..
..	..	..	..	73	..	74	..	..
..	..	..	..	73	..	74	..	..
..	..	..	..	76	..	76	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Liberia	2012	38	38	..	..	..	..	..
	2013	38	38	..	..	..	..	..
	2014	38	38	..	..	..	..	..
	2015	39	39	..	..	..	..	..
Libya	2012	44	44	..	..	..	..	..
	2013	46	46	..	..	..	..	..
	2014	46	46	..	..	..	..	..
	2015	46	46	..	..	..	..	..
Madagascar	2012	34	23	67	..	..	10	..
	2013	36	24	72	..	..	8	..
	2014	37	23	79	..	..	7	..
	2015	39	23	83	..	..	11	..
Malawi	2012	48	10	75	..	..	..	..
	2013	46	10	72	..	..	..	..
	2014	47	10	75	..	..	..	..
	2015	48	10	75	..	..	..	..
Mali	2012	23	20	24	..	..	..	..
	2013	21	17	25	..	..	..	..
	2014	22	27	17	..	..	..	..
	2015	22	28	17	..	..	..	..
Mauritania	2012	48	48	..	..	..	..	..
	2013	40	42	..	..	37	16	..
	2014	40	42	..	..	37	19	..
	2015	26	25	..	..	35	19	..
Mauritius	2012	41	43	14	..	32	7	..
	2013	42	44	18	..	32	13	..
	2014	43	46	17	..	29	16	..
	2015	43	46	23	..	24	16	..
Mayotte	2012	34	37	..	..	..	14	..
	2013	36	39	..	..	..	15	..
	2014	38	41	..	..	..	15	..
	2015	39	43	..	..	..	15	..
Morocco	2012	47	59	12	..	33	..	..
	2013	44	51	19	..	31	..	..
	2014	42	51	13	..	28	..	..
	2015	44	53	15	..	36	0	..
Mozambique	2012	70	1	77	..	..	..	..
	2013	67	27	74	..	..	..	..
	2014	75	44	80	..	..	10	..
	2015	89	71	93	..	..	10	..
Namibia	2012	35	5	49	..	..	..	..
	2013	40	5	56	..	..	..	..
	2014	35	1	51	..	..	..	..
	2015	35	3	51	..	..	..	..
Niger	2012	33	33	..	..	..	0	..
	2013	28	29	..	..	..	0	..
	2014	32	33	..	..	..	0	..
	2015	33	34	..	..	..	0	..
Nigeria	2012	37	38	33	..	..	..	..
	2013	34	34	32	..	..	..	..
	2014	33	34	31	..	..	..	..
	2015	35	35	34	..	..	..	..
Réunion	2012	40	47	42	..	14	14	..
	2013	37	41	48	..	12	16	..
	2014	39	49	36	..	12	16	..
	2015	39	48	42	..	12	15	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Total	Autoproducers			Main activity producers				
	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
33	33	..	..	54	54	..	..	..
33	33	..	..	54	54	..	..	..
33	33	..	..	54	54	..	..	..
33	33	..	..	57	57	..	..	..
..	..	..	..	44	44	..	..	..
..	..	..	..	46	46	..	..	..
..	..	..	..	46	46	..	..	..
..	..	..	..	46	46	..	..	..
61	61	..	..	32	20	67	..	1
61	61	..	..	34	20	72	..	1
61	61	..	..	36	20	79	..	1
61	61	..	..	37	20	83	..	1
10	10	11	..	76	52	76	..	..
10	10	11	..	73	52	73	..	..
10	10	13	..	76	52	76	..	..
10	10	11	..	76	27	77	..	..
6	6	..	..	25	27	24	..	..
6	6	..	..	23	21	25	..	..
5	5	..	..	24	36	17	..	..
6	6	..	..	24	36	17	..	..
53	53	..	..	45	45	..	..	..
52	52	..	..	35	37	..	..	20
47	47	..	..	37	40	..	..	22
49	49	..	..	21	19	..	..	29
69	69	..	7	26	27	14	..	32
70	71	..	12	27	28	18	..	32
69	72	..	16	27	29	17	..	29
65	69	..	16	29	30	23	..	24
..	..	..	..	34	37	..	..	14
..	..	..	..	36	39	..	..	15
..	..	..	..	38	41	..	..	15
..	..	..	..	39	43	..	..	15
..	..	..	..	45	58	12	..	33
..	..	..	..	42	51	19	..	31
..	..	..	..	40	50	13	..	28
..	..	..	..	42	53	15	..	30
60	..	60	..	70	1	78	..	..
60	..	60	..	68	27	74	..	..
62	..	63	10	76	44	81	..	..
40	25	60	10	90	74	93	..	..
..	..	..	..	35	5	49	..	..
..	..	..	..	40	5	56	..	..
..	..	..	..	35	1	51	..	..
..	..	..	..	35	3	51	..	..
20	21	..	0	37	37	..	..	..
11	12	..	0	34	34	..	..	..
30	34	..	0	33	33	..	..	..
30	33	..	0	35	35	..	..	..
40	40	33	..	36	37	33	..	..
28	28	31	..	35	36	32	..	..
21	21	31	..	38	41	31	..	..
22	21	33	..	40	42	34	..	..
..	..	..	..	40	47	42	..	14
..	..	..	..	37	41	48	..	16
..	..	..	..	39	49	36	..	15
..	..	..	..	39	48	42	..	15

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Rwanda	2012	45	47	43	..	..	14	..
	2013	45	59	32	..	..	6	..
	2014	39	59	29	..	..	7	..
	2015	35	32	40	..	..	18	..
Sao Tome and Principe	2012	44	50	18	..	..	..	..
	2013	40	46	17	..	..	..	..
	2014	38	43	20	..	..	..	..
	2015	40	45	21	..	..	..	..
Senegal	2012	39	39	..	..	..	..	..
	2013	43	45	..	..	..	2	..
	2014	44	46	..	..	..	2	..
	2015	47	48	..	..	..	2	..
Seychelles	2012	48	48	..	..	..	..	..
	2013	47	50	..	..	13	..	..
	2014	48	50	..	..	13	14	..
	2015	50	52	..	..	13	46	..
Sierra Leone	2012	27	26	27	..	..	..	..
	2013	25	25	24	..	..	..	..
	2014	27	27	27	..	..	..	..
	2015	18	12	25	..	..	..	..
Somalia	2012	49	49	..	..	..	..	..
	2013	50	50	..	..	..	..	..
	2014	50	50	..	..	..	..	..
	2015	50	50	..	..	..	..	..
South Africa	2012	66	65	67	72	15	34	..
	2013	66	65	65	89	15	25	..
	2014	60	61	64	84	18	18	..
	2015	55	64	51	75	6	7	..
South Sudan	2012	62	63	..	..	..	11	..
	2013	66	67	..	..	..	11	..
	2014	68	69	..	..	..	11	..
	2015	45	47	..	..	..	11	..
St. Helena and Depend.	2012	14	13	..	..	21	5	..
	2013	15	14	..	..	24	12	..
	2014	13	13	..	..	11	9	..
	2015	11	12	..	..	12	2	..
Sudan	2012	38	26	48	..	..	..	..
	2013	39	20	52	..	..	..	..
	2014	42	22	56	..	..	..	..
	2015	46	32	60	..	..	..	..
Swaziland	2012	40	35	48	..	..	..	..
	2013	38	35	43	..	..	..	..
	2014	34	26	47	..	..	..	..
	2015	30	26	36	..	..	..	..
Togo	2012	20	17	28	..	..	..	..
	2013	18	20	13	..	..	..	..
	2014	18	17	21	..	..	..	..
	2015	22	27	10	..	..	..	..
Tunisia	2012	48	50	20	..	13	12	..
	2013	46	47	11	..	20	18	..
	2014	43	44	10	..	25	19	..
	2015	41	42	13	..	21	19	..
Uganda	2012	46	32	50	..	..	..	..
	2013	47	11	54	..	..	..	..
	2014	46	18	53	..	..	..	..
	2015	44	14	53	..	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	45	47	43	..	14
..	..	..	..	45	59	32	..	6
..	..	..	..	39	59	29	..	7
..	..	..	..	35	32	40	..	18
..	..	..	..	44	50	18	..	..
..	..	..	..	40	46	17	..	..
..	..	..	..	38	43	20	..	..
..	..	..	..	40	45	21	..	..
47	47	..	..	33	33	..	..	..
16	17	..	1	64	64	..	..	..
16	16	..	1	66	66	..	..	..
18	18	..	1	68	68	..	..	..
..	..	..	..	48	48	..	..	..
..	..	..	..	47	50	..	..	13
..	..	..	..	48	50	..	..	13
..	..	..	..	50	52	..	..	16
..	..	..	..	27	26	27	..	..
..	..	..	..	25	25	24	..	..
..	..	..	..	27	27	27	..	..
..	..	..	..	18	12	25	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	50	50	..	..	..
..	..	..	..	50	50	..	..	..
..	..	..	..	50	50	..	..	..
57	58	41	11	66	66	69	72	29
60	63	39	11	66	65	66	89	33
35	55	35	12	62	61	66	84	30
28	50	32	12	59	65	51	75	1
65	66	..	11	59	60	..	..	11
68	70	..	11	63	64	..	..	11
71	72	..	11	65	66	..	..	11
48	49	..	11	41	45	..	..	11
..	..	..	..	14	13	..	..	20
..	..	..	..	15	14	..	..	23
..	..	..	..	13	13	..	..	11
..	..	..	..	11	12	..	..	10
..	..	..	..	37	25	48	..	..
..	..	..	..	38	17	52	..	..
..	..	..	..	42	22	56	..	..
..	..	..	..	46	32	60	..	..
36	37	..	..	46	9	52	..	..
36	37	..	..	41	10	46	..	..
28	29	..	..	44	0	50	..	..
28	29	..	..	34	0	38	..	..
16	16	..	..	20	17	28	..	..
10	10	..	..	18	21	13	..	..
16	16	..	..	18	17	21	..	..
17	17	..	..	23	28	10	..	..
45	30	..	12	48	50	20	..	13
41	30	..	18	46	48	11	..	20
41	32	..	19	43	45	10	..	25
50	42	..	19	41	42	13	..	21
61	67	60	..	45	27	49	..	..
56	40	65	..	46	0	53	..	..
54	45	62	..	44	8	52	..	..
40	30	49	..	45	6	53	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
United Rep. of Tanzania	2012	57	80	36	..	..	25	..
	2013	61	88	35	..	..	24	..
	2014	64	75	53	..	..	29	..
	2015	52	59	42	..	..	34	..
Zambia	2012	72	2	75	..	..	..	..
	2013	75	2	80	..	..	..	..
	2014	67	24	71	..	..	..	..
	2015	64	33	66	..	..	..	..
Zimbabwe	2012	49	32	81	..	..	..	..
	2013	51	38	75	..	..	..	..
	2014	56	41	81	..	..	..	..
	2015	55	42	74	..	..	..	..
America, North	2012	47	44	43	89	27	13	68
	2013	47	44	43	93	31	14	66
	2014	47	44	42	95	32	17	62
	2015	47	44	40	94	30	17	69
Anguilla	2012	36	36	..	..	..	..	..
	2013	36	36	..	..	..	..	..
	2014	36	36	..	..	..	..	..
	2015	38	38	..	..	..	..	..
Antigua and Barbuda	2012	45	45	..	..	..	..	..
	2013	32	32	..	..	..	..	..
	2014	32	32	..	..	..	..	..
	2015	33	33	..	..	..	..	..
Aruba	2012	33	31	..	..	52	..	..
	2013	37	35	..	..	53	..	..
	2014	36	34	..	..	53	..	..
	2015	37	35	..	..	53	..	..
Bahamas	2012	37	37	..	..	..	..	..
	2013	36	36	..	..	..	..	..
	2014	38	38	..	..	..	..	..
	2015	42	42	..	..	..	..	..
Barbados	2012	53	53	..	..	..	..	..
	2013	48	48	..	..	..	..	..
	2014	47	47	..	..	..	..	..
	2015	47	47	..	..	..	..	..
Belize	2012	34	27	45	..	..	..	..
	2013	30	21	43	..	..	..	..
	2014	30	23	43	..	..	..	..
	2015	31	26	40	..	..	..	..
Bermuda	2012	47	47	..	..	..	..	..
	2013	45	45	..	..	..	..	..
	2014	44	44	..	..	..	..	..
	2015	45	45	..	..	..	..	..
Bonaire, St Eustatius, Saba	2012	48	57	..	..	34	..	..
	2013	49	56	..	..	39	..	..
	2014	51	56	..	..	44	..	..
	2015	54	61	..	..	42	..	..
British Virgin Islands	2012	34	34	..	..	24	11	..
	2013	33	34	..	..	24	11	..
	2014	34	34	..	..	24	11	..
	2015	34	34	..	..	24	11	..
Canada	2012	55	48	57	81	21	13	61
	2013	57	48	59	84	26	14	54
	2014	55	48	58	87	27	13	50
	2015	51	43	55	83	27	13	49

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Total	Autoproducers			Main activity producers				
	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
6	..	..	25	59	83	36	..	..
6	..	..	24	62	91	35	..	..
8	..	..	29	65	78	53	..	..
9	..	..	34	53	61	42	..	..
..	..	..	..	72	2	75	..	..
..	..	..	..	75	2	80	..	..
..	..	..	..	67	24	71	..	..
..	..	..	..	64	33	66	..	..
47	47	..	..	49	31	81	..	..
47	47	..	..	51	38	75	..	..
7	7	..	..	57	42	81	..	..
14	14	..	..	56	43	74	..	..
52	55	67	18	47	44	42	89	29
52	58	66	17	47	43	42	93	32
52	58	65	19	47	43	41	95	32
51	59	66	19	46	44	39	94	30
..	..	..	..	36	36	..	..	..
..	..	..	..	36	36	..	..	..
..	..	..	..	36	36	..	..	..
..	..	..	..	38	38	..	..	..
11	11	..	..	45	45	..	..	..
11	11	..	..	32	32	..	..	..
11	11	..	..	32	32	..	..	..
11	11	..	..	33	33	..	..	..
..	..	..	..	33	31	..	..	52
..	..	..	..	37	35	..	..	53
..	..	..	..	36	34	..	..	53
..	..	..	..	37	35	..	..	53
15	15	..	..	39	39	..	..	..
15	15	..	..	39	39	..	..	..
22	22	..	..	39	39	..	..	..
22	22	..	..	43	43	..	..	..
23	23	..	..	54	54	..	..	..
17	17	..	..	48	48	..	..	..
16	16	..	..	48	48	..	..	..
20	20	..	..	48	48	..	..	..
31	31	..	..	34	25	45	..	..
32	32	..	..	29	18	43	..	..
23	23	..	..	32	23	43	..	..
24	24	..	..	33	27	40	..	..
36	36	..	..	47	47	..	..	..
36	36	..	..	45	45	..	..	..
36	36	..	..	44	44	..	..	..
36	36	..	..	45	45	..	..	..
..	..	..	..	48	57	..	..	34
..	..	..	..	49	56	..	..	39
..	..	..	..	51	56	..	..	44
..	..	..	..	54	61	..	..	42
..	..	..	..	34	34	..	..	23
..	..	..	..	33	34	..	..	19
..	..	..	..	34	34	..	..	16
..	..	..	..	34	34	..	..	16
65	59	71	..	55	46	56	81	23
75	87	67	3	55	43	59	84	26
79	96	67	20	54	41	57	87	26
83	104	67	35	49	36	54	83	26

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Cayman Islands	2012	46	46	..	..	..	..	..
	2013	47	47	..	..	..	..	..
	2014	54	54	..	..	..	..	..
	2015	55	55	..	..	..	..	..
Costa Rica	2012	43	18	49	..	40	15	74
	2013	42	25	45	..	24	28	80
	2014	36	22	37	..	28	28	71
	2015	36	5	43	..	33	29	64
Cuba	2012	37	37	20	..	..	..	..
	2013	36	36	23	..	..	..	..
	2014	36	36	19	..	..	..	..
	2015	37	37	9	..	..	..	..
Curaçao	2012	40	43	..	..	12	..	..
	2013	39	42	..	..	12	..	..
	2014	38	42	..	..	12	..	..
	2015	34	36	..	..	12	..	..
Dominica	2012	42	39	57	..	..	..	..
	2013	40	36	63	..	..	..	..
	2014	41	38	53	..	..	..	..
	2015	42	42	42	..	..	..	..
Dominican Republic	2012	33	34	33	..	13	9	80
	2013	33	33	35	..	32	11	79
	2014	33	34	24	..	32	13	80
	2015	36	38	17	..	39	14	81
El Salvador	2012	48	41	45	..	..	..	86
	2013	47	39	43	..	..	..	87
	2014	45	38	41	..	..	..	87
	2015	41	36	33	..	..	..	86
Greenland	2012	30	14	52	..	..	..	..
	2013	29	11	47	..	..	..	..
	2014	30	11	50	..	..	..	..
	2015	32	12	53	..	..	..	..
Grenada	2012	47	47	..	..	..	..	..
	2013	46	46	..	..	..	..	..
	2014	47	47	..	..	..	..	..
	2015	49	49	..	..	..	..	..
Guadeloupe	2012	36	39	18	..	21	16	40
	2013	35	38	25	..	24	17	64
	2014	36	38	35	..	23	17	59
	2015	35	38	28	..	22	17	65
Guatemala	2012	38	30	51	..	..	..	89
	2013	38	31	53	..	..	..	49
	2014	47	40	56	..	..	16	83
	2015	36	30	48	..	16	20	58
Haiti	2012	47	49	41	..	..	..	..
	2013	35	40	21	..	..	..	..
	2014	37	42	17	..	..	..	..
	2015	36	40	16	..	..	..	..
Honduras	2012	50	46	59	..	38	..	..
	2013	51	50	56	..	35	..	..
	2014	48	50	48	..	30	..	..
	2015	45	63	42	..	50	..	..
Jamaica	2012	52	52	75	..	30	..	..
	2013	52	52	62	..	31	..	..
	2014	50	51	53	..	33	..	..
	2015	40	50	16	..	14	16	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	46	46	..	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	54	54	..	..	..
..	..	..	..	55	55	..	..	..
67	97	74	53	39	15	45	..	64
66	84	74	50	38	22	41	..	51
72	82	73	69	32	20	33	..	40
92	82	98	84	29	2	37	..	34
18	18	..	..	39	39	20	..	..
21	21	..	..	37	37	23	..	..
19	19	..	..	37	38	19	..	..
19	19	..	..	38	39	9	..	..
42	42	..	..	37	45	..	..	12
41	41	..	..	37	44	..	..	12
41	41	..	..	36	43	..	..	12
36	36	..	..	32	37	..	..	12
35	35	..	..	46	42	57	..	..
35	35	..	..	43	36	63	..	..
35	35	..	..	44	41	53	..	..
35	35	..	..	46	47	42	..	..
12	12	50	44	47	51	33	..	13
14	14	50	24	46	48	35	..	32
13	13	50	20	45	50	23	..	32
13	13	50	20	50	57	17	..	39
41	41	..	..	49	41	45	..	86
39	39	..	..	48	39	43	..	87
39	39	..	..	46	38	41	..	87
28	28	..	..	44	39	33	..	86
..	..	..	..	34	16	52	..	..
..	..	..	..	32	14	47	..	..
..	..	..	..	33	13	50	..	..
..	..	..	..	35	14	53	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	46	46	..	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	49	49	..	..	..
12	12	..	..	38	44	18	..	21
9	9	..	..	39	43	25	..	25
12	12	..	..	38	43	35	..	24
11	11	..	..	38	42	28	..	25
17	16	59	..	42	34	51	..	89
16	16	73	..	44	37	53	..	49
21	20	73	..	52	48	56	..	74
14	14	73	..	42	39	48	..	28
7	7	..	..	62	72	41	..	..
6	6	..	..	47	59	21	..	..
11	11	..	..	47	59	17	..	..
25	25	..	..	40	49	16	..	..
37	37	..	..	51	48	59	..	38
38	38	..	..	52	52	56	..	35
22	22	..	..	51	56	48	..	30
32	32	..	..	47	69	42	..	14
58	62	..	32	49	48	75	..	..
73	78	..	34	42	41	62	..	..
63	67	..	35	44	43	53	..	..
59	74	..	17	33	39	16	..	12

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Martinique	2012	44	50	..	..	17	8	..
	2013	43	49	..	..	17	8	..
	2014	41	46	..	..	17	8	..
	2015	41	46	..	..	21	8	..
Mexico	2012	55	61	31	72	23	14	81
	2013	53	59	27	96	23	15	84
	2014	52	56	36	79	29	22	84
	2015	53	59	29	88	31	16	80
Montserrat	2012	58	58	..	..	..	..	..
	2013	58	58	..	..	..	..	..
	2014	50	50	..	..	..	..	..
	2015	50	50	..	..	..	..	..
Nicaragua	2012	36	36	45	..	26	..	36
	2013	37	32	43	..	44	..	50
	2014	38	33	37	..	52	..	49
	2015	39	36	28	..	53	..	50
Panama	2012	41	39	42	..	..	..	..
	2013	40	42	39	..	..	..	..
	2014	37	41	35	..	24	6	..
	2015	35	33	40	..	18	2	..
Puerto Rico	2012	43	44	14	..	2	29	..
	2013	41	42	10	..	16	8	..
	2014	40	41	9	..	20	8	..
	2015	40	41	6	..	22	12	..
Sint Maarten (Dutch part)	2012	47	47	..	..	..	..	..
	2013	48	48	..	..	..	..	..
	2014	49	49	..	..	..	..	..
	2015	51	51	..	..	..	..	..
St. Kitts-Nevis	2012	40	40	..	..	40	..	..
	2013	40	41	..	..	42	15	..
	2014	39	40	..	..	42	19	..
	2015	40	41	..	..	42	19	..
St. Lucia	2012	51	51	..	..	..	..	..
	2013	51	51	..	..	..	..	..
	2014	49	49	..	..	..	..	..
	2015	49	49	..	..	..	..	..
St. Pierre-Miquelon	2012	19	19	..	..	17	..	..
	2013	19	19	..	..	17	..	..
	2014	20	21	..	..	12	..	..
	2015	21	21	..	..	12	..	..
St. Vincent-Grenadines	2012	27	29	22	..	..	..	..
	2013	27	29	22	..	..	..	..
	2014	31	33	22	..	..	..	..
	2015	33	35	23	..	..	..	..
Trinidad and Tobago	2012	40	40	..	..	..	..	..
	2013	42	42	..	..	..	..	..
	2014	43	43	..	..	..	..	..
	2015	45	45	..	..	..	..	..
Turks and Caicos Islands	2012	32	32	..	..	..	..	..
	2013	31	31	..	..	..	..	..
	2014	33	33	..	..	..	..	..
	2015	33	33	..	..	..	..	..
United States	2012	46	43	34	90	27	13	66
	2013	46	43	33	95	32	14	63
	2014	46	43	31	96	33	17	58
	2015	46	44	30	96	30	17	73

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
86	86	..	..	44	49	..	..	8
86	86	..	..	43	49	..	..	8
86	86	..	..	41	45	..	..	8
86	86	..	..	40	45	..	..	8
44	47	50	18	57	64	31	72	61
41	46	51	18	55	62	27	96	63
42	45	44	25	54	59	35	79	65
44	48	45	27	55	61	29	88	64
..	..	..	..	58	58	..	..	..
..	..	..	..	58	58	..	..	..
..	..	..	..	50	50	..	..	..
..	..	..	..	50	50	..	..	..
42	43	13	..	35	35	45	..	31
45	45	13	..	36	30	43	..	47
46	46	13	..	37	31	37	..	50
43	43	13	..	39	35	28	..	52
1	2	..	..	45	46	44	..	..
2	2	..	..	44	49	41	..	..
1	2	..	..	41	50	37	..	23
2	2	..	..	37	38	42	..	14
47	47	..	..	43	44	14	..	3
47	47	..	..	41	42	10	..	13
47	47	..	..	40	41	9	..	15
47	47	..	..	39	41	6	..	18
..	..	..	..	47	47	..	..	..
..	..	..	..	48	48	..	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	51	51	..	..	..
2	2	..	..	43	43	..	..	40
3	3	..	..	43	43	..	..	35
3	3	..	..	42	43	..	..	33
3	3	..	..	43	43	..	..	33
..	..	..	..	51	51	..	..	..
..	..	..	..	51	51	..	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	19	19	..	..	17
..	..	..	..	19	19	..	..	17
..	..	..	..	20	21	..	..	12
..	..	..	..	21	21	..	..	12
..	..	..	..	27	29	22	..	..
..	..	..	..	27	29	22	..	..
..	..	..	..	31	33	22	..	..
..	..	..	..	33	35	23	..	..
4	4	..	..	43	43	..	..	..
5	5	..	..	45	45	..	..	..
5	5	..	..	47	47	..	..	..
5	5	..	..	49	49	..	..	..
..	..	..	..	32	32	..	..	..
..	..	..	..	31	31	..	..	..
..	..	..	..	33	33	..	..	..
..	..	..	..	33	33	..	..	..
55	63	41	17	46	43	34	90	29
54	64	60	16	46	43	32	95	32
53	63	50	16	46	43	31	96	32
50	63	54	16	46	43	30	96	31

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
United States Virgin Is.	2012	30	30	..	..	..	15	..
	2013	29	30	..	..	..	15	..
	2014	27	28	..	..	..	15	..
	2015	27	28	..	..	..	15	..
America, South	2012	50	41	56	85	29	11	..
	2013	49	42	54	82	32	21	..
	2014	48	44	52	80	27	21	..
	2015	46	44	48	67	31	22	..
Argentina	2012	44	47	34	72	31	8	..
	2013	41	41	38	70	27	21	..
	2014	44	42	47	65	36	23	..
	2015	44	44	44	46	32	19	..
Bolivia (Plur. State of)	2012	46	44	54	..	..	17	..
	2013	44	39	59	..	23	17	..
	2014	62	65	56	..	30	14	..
	2015	44	41	58	..	17	16	..
Brazil	2012	52	40	56	91	31	..	..
	2013	51	49	52	89	34	16	..
	2014	50	57	48	88	29	12	..
	2015	47	53	45	85	32	32	..
Chile	2012	44	47	38	..	23	0	..
	2013	45	50	37	..	21	6	..
	2014	35	33	41	..	23	23	..
	2015	40	40	42	..	27	23	..
Colombia	2012	52	46	55	..	35	..	..
	2013	53	59	51	..	37	..	..
	2014	54	57	53	..	37	..	..
	2015	46	51	45	..	37	..	..
Ecuador	2012	48	38	62	..	11	47	..
	2013	49	43	58	..	34	11	..
	2014	48	42	58	..	43	7	..
	2015	49	41	62	..	53	16	..
Falkland Is. (Malvinas)	2012	17	15	..	..	22	..	..
	2013	17	15	..	..	22	..	..
	2014	17	15	..	..	22	..	..
	2015	17	15	..	..	22	..	..
French Guiana	2012	34	22	54	..	..	17	..
	2013	35	29	47	..	..	15	..
	2014	36	29	48	..	..	18	..
	2015	36	31	47	..	..	16	..
Guyana	2012	30	30	..	..	..	..	..
	2013	29	29	..	..	..	..	..
	2014	29	29	..	..	..	..	..
	2015	31	31	..	..	..	..	..
Paraguay	2012	78	6	78	..	..	..	..
	2013	78	2	78	..	..	..	..
	2014	72	5	72	..	..	..	..
	2015	72	1	72	..	..	..	..
Peru	2012	47	33	72	..	20	9	..
	2013	45	32	72	..	20	28	..
	2014	46	36	69	..	20	24	..
	2015	46	36	66	..	28	26	..
Suriname	2012	48	35	67	..	..	..	..
	2013	43	31	67	..	..	..	..
	2014	48	47	48	..	..	..	..
	2015	48	51	42	..	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Total	Autoproducers			Main activity producers				
	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
15	..	..	15	30	30	..	..	15
15	..	..	15	30	30	..	..	15
15	..	..	15	28	28	..	..	15
15	..	..	15	27	28	..	..	15
45	43	52	9	51	41	56	85	28
45	44	52	8	49	42	54	82	31
46	45	51	9	48	43	52	80	26
45	44	49	6	46	44	48	67	31
43	43	33	..	44	48	34	72	30
41	41	30	..	41	41	38	70	27
40	41	21	..	44	42	47	65	36
43	43	21	..	44	44	44	46	31
10	13	..	17	49	46	57	..	..
4	5	..	17	47	42	62	..	23
18	24	..	14	66	68	60	..	30
14	17	..	16	47	42	61	..	17
47	46	52	..	53	36	56	91	31
49	48	52	11	52	50	52	89	34
51	51	52	11	50	62	48	88	29
48	48	49	48	47	58	45	85	32
64	65	49	21	43	45	38	..	23
61	64	24	20	44	48	37	..	20
51	51	65	22	34	31	41	..	23
52	53	63	1	39	39	42	..	26
70	79	16	..	51	43	55	..	8
64	72	15	..	53	57	51	..	8
69	78	17	..	53	54	53	..	8
69	78	17	..	45	48	45	..	8
47	44	73	..	48	36	61	..	13
44	42	73	..	51	44	58	..	30
40	38	76	..	50	44	58	..	23
39	36	60	..	52	43	62	..	33
11	11	..	..	18	16	..	..	22
11	11	..	..	18	16	..	..	22
11	11	..	..	18	16	..	..	22
11	11	..	..	18	16	..	..	22
..	..	..	..	34	22	54	..	17
..	..	..	..	35	29	47	..	15
..	..	..	..	36	29	48	..	18
..	..	..	..	36	31	47	..	16
14	14	..	..	56	56	..	..	..
14	14	..	..	53	53	..	..	..
10	10	..	..	61	61	..	..	..
14	14	..	..	59	59	..	..	..
..	..	..	..	78	6	78	..	..
..	..	..	..	78	2	78	..	..
..	..	..	..	72	5	72	..	..
..	..	..	..	72	1	72	..	..
21	18	60	..	52	38	73	..	9
21	18	66	..	48	35	72	..	28
21	18	61	..	50	40	69	..	22
19	15	65	..	50	40	66	..	28
53	31	67	..	38	38	..	..	..
54	35	67	..	28	28	..	..	..
48	49	48	..	47	47	..	..	..
48	58	42	..	47	47	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Uruguay	2012	42	44	40	..	26	..	..
	2013	40	22	61	..	27	..	..
	2014	40	18	72	..	17	10	..
	2015	39	25	61	..	28	9	..
Venezuela (Bolivar. Rep.)	2012	48	32	64	..	..	..	..
	2013	44	27	64	..	..	..	..
	2014	46	28	67	..	..	..	..
	2015	43	31	56	..	..	..	..
Asia	2012	46	50	35	43	18	9	75
	2013	46	51	35	43	21	8	40
	2014	44	49	35	44	18	10	51
	2015	43	48	35	47	16	11	34
Afghanistan	2012	27	14	32	..	..	..	..
	2013	27	22	29	..	..	..	..
	2014	28	15	32	..	..	..	..
	2015	27	14	32	..	..	..	..
Armenia	2012	23	16	21	65	11	..	..
	2013	21	15	19	66	11	..	..
	2014	22	16	18	69	11	..	..
	2015	22	13	20	78	11	11	..
Azerbaijan	2012	40	44	20	..	..	..	..
	2013	36	40	16	..	4	6	..
	2014	38	43	14	..	8	9	..
	2015	36	39	17	..	7	6	..
Bahrain	2012	48	48	..	..	..	..	..
	2013	50	50	..	..	..	..	..
	2014	51	51	..	..	..	..	..
	2015	49	49	..	..	..	..	..
Bangladesh	2012	68	69	39	..	..	..	..
	2013	71	72	44	..	46	65	..
	2014	68	69	29	..	46	69	..
	2015	61	62	26	..	46	73	..
Bhutan	2012	52	0	52	..	..	..	..
	2013	58	0	59	..	..	..	..
	2014	49	0	50	..	..	..	..
	2015	54	0	55	..	..	..	..
Brunei Darussalam	2012	56	56	..	..	..	19	..
	2013	62	62	..	..	..	19	..
	2014	63	63	..	..	..	19	..
	2015	59	59	..	..	..	19	..
Cambodia	2012	28	29	26	..	..	17	..
	2013	18	18	17	..	..	17	..
	2014	23	24	23	..	..	17	..
	2015	30	38	25	..	..	17	..
China	2012	46	50	39	88	18	..	83
	2013	46	51	36	87	21	4	17
	2014	44	48	39	75	18	7	36
	2015	40	44	39	72	16	10	14
China, Hong Kong SAR	2012	35	35	..	..	..	..	..
	2013	35	35	..	..	..	..	..
	2014	36	36	..	..	..	..	..
	2015	34	34	..	..	..	..	..
China, Macao SAR	2012	13	13	..	..	..	..	..
	2013	9	9	..	..	..	..	..
	2014	14	14	..	..	..	..	..
	2015	21	21	..	..	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
37	39	..	1	42	45	40	..	36
24	25	..	2	43	21	61	..	42
33	34	..	3	41	12	72	..	18
36	42	..	1	40	18	61	..	29
13	13	..	..	50	34	64	..	..
13	13	..	..	46	28	64	..	..
13	13	..	..	47	29	67	..	..
16	16	..	..	44	32	56	..	..
39	42	17	14	47	51	36	43	22
42	45	17	13	46	52	35	43	20
37	41	16	12	45	50	35	44	17
34	37	16	13	44	50	36	47	16
19	1	27	..	33	26	35	..	..
17	1	24	..	34	41	32	..	..
19	1	27	..	34	28	36	..	..
19	1	27	..	33	26	36	..	..
..	..	..	..	23	16	21	65	11
..	..	..	..	21	15	19	66	11
..	..	..	..	22	16	18	69	11
..	..	..	..	22	13	20	78	11
82	82	..	..	39	42	20	..	..
85	87	..	5	35	38	16	..	..
93	95	..	8	36	41	14	..	..
36	37	..	6	36	40	17	..	..
40	40	..	..	57	57	..	..	..
42	42	..	..	59	59	..	..	..
41	41	..	..	62	62	..	..	..
42	42	..	..	54	54	..	..	..
63	63	..	..	70	72	39	..	..
71	71	..	..	71	72	44	..	64
76	76	..	..	66	67	29	..	68
77	77	..	..	56	57	26	..	72
..	..	..	..	52	0	52	..	..
..	..	..	..	58	0	59	..	..
..	..	..	..	49	0	50	..	..
..	..	..	..	54	0	55	..	..
43	43	..	..	58	58	..	..	19
48	48	..	..	64	64	..	..	19
51	51	..	..	65	65	..	..	19
48	48	..	..	60	60	..	..	19
..	..	..	..	28	29	26	..	17
..	..	..	..	18	18	17	..	17
..	..	..	..	23	24	23	..	17
..	..	..	..	30	38	25	..	17
47	53	..	..	46	50	40	88	21
47	52	..	..	46	51	37	87	18
43	48	..	..	44	48	40	75	17
31	34	..	..	41	45	40	72	15
..	..	..	..	35	35	..	..	..
..	..	..	..	35	35	..	..	..
..	..	..	..	36	36	..	..	..
..	..	..	..	34	34	..	..	..
60	60	..	..	9	9	..	..	..
61	61	..	..	5	5	..	..	..
60	60	..	..	11	11	..	..	..
60	60	..	..	18	18	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Cyprus	2012	31	33	..	..	14	14	..
	2013	29	30	..	..	18	15	..
	2014	29	31	..	..	14	13	..
	2015	29	31	..	..	14	19	..
Georgia	2012	25	17	31	..	..	..	..
	2013	26	12	35	..	..	..	..
	2014	27	14	36	..	..	..	..
	2015	27	16	35	..	..	..	..
India	2012	42	46	33	79	18	..	..
	2013	46	49	40	82	18	17	..
	2014	47	53	37	71	12	15	..
	2015	54	63	34	74	14	15	..
Indonesia	2012	42	43	29	..	6	8	75
	2013	44	44	37	..	3	7	72
	2014	41	41	38	..	..	8	72
	2015	41	42	32	..	..	6	36
Iran (Islamic Rep. of)	2012	42	47	15	21	22	7	38
	2013	43	47	16	51	39	8	34
	2014	43	48	15	50	14	2	46
	2015	43	49	14	33	16	1	14
Iraq	2012	31	33	20	..	..	..	..
	2013	25	25	22	..	..	..	..
	2014	30	32	13	..	..	..	..
	2015	25	26	12	..	..	..	..
Israel	2012	50	50	54	..	11	18	..
	2013	47	48	46	..	11	12	..
	2014	43	44	21	..	11	14	..
	2015	43	44	39	..	13	17	..
Japan	2012	41	57	20	4	21	12	58
	2013	40	56	20	2	18	12	58
	2014	38	55	20	0	21	12	58
	2015	37	53	21	3	21	12	57
Jordan	2012	54	54	58	..	24	..	..
	2013	58	58	52	..	24	..	..
	2014	50	50	55	..	20	..	..
	2015	49	50	50	..	12	4	..
Kazakhstan	2012	50	51	39	..	17	..	..
	2013	53	54	40	..	14	11	..
	2014	48	49	38	..	15	11	..
	2015	48	49	42	..	15	11	..
Korea, Dem.Ppl's.Rep.	2012	23	15	31	..	..	..	..
	2013	22	11	32	..	..	..	..
	2014	22	12	30	..	..	..	..
	2015	17	9	23	..	..	..	..
Korea, Republic of	2012	69	72	14	83	23	12	48
	2013	68	72	15	76	23	12	31
	2014	63	63	14	86	21	12	38
	2015	61	61	10	87	18	13	51
Kuwait	2012	48	48	..	..	..	..	..
	2013	44	44	..	..	..	..	..
	2014	47	47	..	..	..	..	..
	2015	43	43	..	..	..	..	..
Kyrgyzstan	2012	45	14	53	..	..	..	..
	2013	41	13	49	..	..	..	..
	2014	43	18	50	..	..	..	..
	2015	37	23	41	..	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
19	18	..	23	31	33	..	..	14
19	18	..	23	29	30	..	..	17
21	21	..	23	29	31	..	..	13
19	12	..	48	29	32	..	..	14
..	..	..	..	25	17	31	..	..
..	..	..	..	26	12	35	..	..
..	..	..	..	27	14	36	..	..
..	..	..	..	27	16	35	..	..
40	40	43	..	43	47	33	79	18
57	59	24	18	45	48	40	82	18
41	43	20	12	48	55	37	71	13
30	31	32	20	63	83	34	74	13
57	58	50	14	39	40	26	..	74
59	59	64	8	42	41	33	..	72
56	56	54	..	39	38	35	..	72
66	66	67	..	32	33	23	..	36
22	22	..	..	44	50	15	21	23
13	13	..	..	45	51	16	51	39
13	13	..	..	45	51	15	50	16
13	13	..	..	46	52	14	33	15
..	..	..	..	31	33	20	..	..
..	..	..	..	25	25	22	..	..
..	..	..	..	30	32	13	..	..
..	..	..	..	25	26	12	..	..
26	30	23	18	51	51	66	..	11
29	50	29	12	48	48	53	..	11
33	62	29	14	44	44	18	..	11
35	61	51	17	43	43	34	..	13
28	30	43	15	45	67	17	4	47
26	29	44	13	44	66	18	2	47
27	32	45	13	42	63	18	0	50
26	34	44	13	41	60	19	3	48
14	14	..	..	56	56	58	..	24
16	16	..	..	61	61	52	..	24
22	22	..	..	51	51	55	..	20
27	27	..	..	50	51	50	..	12
..	..	..	..	50	51	39	..	17
11	..	..	11	53	54	40	..	14
11	..	..	11	48	49	38	..	15
11	..	..	11	48	49	42	..	15
..	..	..	..	23	15	31	..	..
..	..	..	..	22	11	32	..	..
..	..	..	..	22	12	30	..	..
..	..	..	..	17	9	23	..	..
52	54	..	7	71	74	14	83	21
51	54	..	7	69	74	15	76	20
49	53	..	7	64	64	14	86	19
45	52	..	5	63	62	10	87	21
..	..	..	..	49	49	..	..	..
..	..	..	..	45	45	..	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	44	44	..	..	..
..	..	..	..	45	14	53	..	..
40	40	..	..	41	13	49	..	..
46	46	..	..	43	18	50	..	..
46	46	..	..	37	23	41	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Lao People's Dem. Rep.	2012	49	..	49	..	..	..	..
	2013	59	2	59	..	..	..	..
	2014	58	1	58	..	..	..	..
	2015	32	13	42	..	..	..	..
Lebanon	2012	52	53	42	..	..	..	..
	2013	57	57	53	..	..	..	..
	2014	58	62	8	..	..	..	..
	2015	59	63	20	..	..	..	..
Malaysia	2012	53	55	31	..	..	10	..
	2013	50	53	31	..	..	10	..
	2014	56	61	32	..	..	16	..
	2015	56	66	28	..	..	14	9
Maldives	2012	41	42	..	..	..	21	..
	2013	42	43	..	..	..	11	..
	2014	14	14	..	..	..	6	..
	2015	16	17	..	..	..	14	..
Mongolia	2012	45	46	..	..	..	..	..
	2013	45	48	..	..	..	..	..
	2014	46	49	..	..	..	..	..
	2015	47	50	..	..	..	..	..
Myanmar	2012	34	40	32	..	..	..	..
	2013	34	34	34	..	..	..	..
	2014	34	38	32	..	..	..	..
	2015	35	36	34	..	..	..	..
Nepal	2012	53	2	57	..	..	..	..
	2013	46	2	50	..	..	..	..
	2014	48	2	51	..	..	..	..
	2015	50	..	54	..	..	1	..
Oman	2012	49	49	..	..	..	..	..
	2013	45	45	..	..	..	..	..
	2014	40	40	..	..	..	..	..
	2015	48	48	..	..	..	..	..
Other Asia	2012	60	62	21	90	25	14	..
	2013	60	61	21	92	30	10	..
	2014	62	65	18	94	27	10	..
	2015	61	66	18	81	27	12	..
Pakistan	2012	47	46	50	66	..	..	..
	2013	51	50	51	71	43	..	..
	2014	50	47	52	84	55	..	..
	2015	51	50	55	70	21	..	..
Philippines	2012	49	52	33	..	6	5	63
	2013	50	54	32	..	5	5	59
	2014	49	55	29	..	4	5	61
	2015	50	57	27	..	12	12	66
Qatar	2012	45	45	..	..	..	..	..
	2013	45	45	..	..	..	..	..
	2014	50	50	..	..	..	..	..
	2015	54	54	..	..	..	..	..
Saudi Arabia	2012	50	50	..	..	..	11	..
	2013	50	50	..	..	..	11	..
	2014	43	43	..	..	..	11	..
	2015	47	47	..	..	..	..	..
Singapore	2012	52	52	..	..	..	..	..
	2013	48	48	..	..	..	..	..
	2014	43	43	..	..	..	..	..
	2015	44	44	..	..	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	49	..	49	..	..
..	..	..	..	59	2	59	..	..
..	..	..	..	58	1	58	..	..
..	..	..	..	32	13	42	..	..
72	72	..	..	44	44	42	..	..
84	84	..	..	46	46	53	..	..
67	67	..	..	55	60	8	..	..
67	67	..	..	57	61	20	..	..
22	22	..	..	56	60	31	..	10
19	19	..	..	53	57	31	..	10
23	23	..	..	59	65	32	..	16
19	24	..	6	61	70	28	..	20
..	..	..	..	41	42	..	..	10
..	..	..	..	42	43	..	..	6
..	..	..	..	14	14	..	..	5
..	..	..	..	16	17	..	..	11
..	..	..	..	52	52	..	..	..
..	..	..	..	52	55	..	..	..
..	..	..	..	54	57	..	..	..
..	..	..	..	55	58	..	..	..
4	..	4	..	35	40	33	..	..
27	26	30	..	34	36	34	..	..
54	57	45	..	31	30	31	..	..
33	28	45	..	35	38	33	..	..
6	..	6	..	65	2	71	..	..
10	..	10	..	55	2	60	..	..
9	..	9	..	59	2	64	..	..
17	..	18	..	55	..	60	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	45	45	..	..	..
..	..	..	..	40	40	..	..	..
..	..	..	..	48	48	..	..	..
54	54	..	..	61	63	21	90	22
57	57	..	..	60	62	21	92	22
59	59	..	..	63	66	18	94	19
55	55	..	..	63	69	18	81	18
56	56	..	..	43	34	50	66	..
60	60	..	..	46	38	51	71	43
57	57	..	..	46	36	52	84	55
60	60	..	..	46	38	55	70	21
15	19	12	..	49	52	33	..	59
15	19	12	..	50	54	32	..	55
15	19	12	..	49	55	29	..	51
15	19	12	..	50	57	27	..	50
55	55	..	..	16	16	..	..	..
55	55	..	..	16	16	..	..	..
61	61	..	..	18	18	..	..	..
68	68	..	..	13	13	..	..	..
50	50	..	..	50	50	..	..	11
49	49	..	..	51	51	..	..	11
34	34	..	..	49	49	..	..	11
44	44	..	..	50	50	..	..	..
62	62	..	..	52	52	..	..	..
64	64	..	..	47	47	..	..	..
68	68	..	..	42	42	..	..	..
89	89	..	..	42	43	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Sri Lanka	2012	40	57	24	..	22	21	..
	2013	42	35	49	..	33	25	..
	2014	36	41	31	..	24	31	..
	2015	38	37	40	..	31	23	..
State of Palestine	2012	38	38	..	..	..	..	..
	2013	44	44	..	..	..	..	..
	2014	27	27	..	..	..	..	..
	2015	42	42	..	..	..	..	..
Syrian Arab Republic	2012	43	43	43	..	..	..	..
	2013	36	36	40	..	..	..	..
	2014	26	26	23	..	..	..	..
	2015	22	26	3	..	..	..	..
Tajikistan	2012	31	3	33	..	..	..	..
	2013	38	2	40	..	..	..	..
	2014	36	6	38	..	..	..	..
	2015	38	9	40	..	..	..	..
Thailand	2012	38	39	28	..	11	10	38
	2013	37	41	19	..	12	3	38
	2014	37	41	18	..	16	4	38
	2015	35	38	16	..	17	8	38
Timor-Leste	2012	28	28	..	..	..	..	..
	2013	24	24	..	..	..	..	..
	2014	14	14	..	..	..	..	..
	2015	25	25	..	..	..	..	..
Turkey	2012	48	57	34	..	30	..	63
	2013	43	51	30	..	31	..	51
	2014	39	51	19	..	27	5	65
	2015	41	49	30	..	30	9	63
Turkmenistan	2012	60	60	..	..	..	..	..
	2013	57	57	..	..	..	..	..
	2014	58	58	..	..	..	..	..
	2015	64	64	..	..	..	..	..
United Arab Emirates	2012	45	45	..	..	..	..	..
	2013	46	46	..	..	..	..	..
	2014	46	46	..	..	..	..	..
	2015	51	51	..	..	..	..	..
Uzbekistan	2012	47	43	69	..	..	..	..
	2013	49	45	71	..	..	..	..
	2014	50	46	73	..	..	..	..
	2015	51	48	73	..	..	..	..
Viet Nam	2012	48	42	58	..	28	..	..
	2013	52	45	63	..	28	..	..
	2014	49	52	45	..	31	..	..
	2015	47	50	42	..	22	..	..
Yemen	2012	53	53	..	..	..	..	..
	2013	63	63	..	..	..	..	..
	2014	57	57	..	..	..	..	..
	2015	40	40	..	..	..	..	..
Europe	2012	42	42	34	81	22	11	44
	2013	41	41	35	80	23	12	43
	2014	39	38	35	81	22	12	45
	2015	40	39	33	80	24	13	44
Albania	2012	31	..	33	..	..	..	..
	2013	41	..	45	..	..	..	..
	2014	29	..	31	..	..	..	..
	2015	35	..	37	..	..	..	..

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
1	0	1	21	43	57	28	..	22
1	0	0	28	45	35	58	..	33
2	0	0	34	39	41	38	..	24
38	33	40	24	38	37	41	..	31
..	..	..	..	38	38	..	..	..
..	..	..	..	44	44	..	..	..
..	..	..	..	27	27	..	..	..
..	..	..	..	42	42	..	..	..
9	9	..	..	48	49	43	..	..
6	6	..	..	40	40	40	..	..
5	5	..	..	28	30	23	..	..
5	5	..	..	25	30	3	..	..
..	..	..	..	31	3	33	..	..
..	..	..	..	38	2	40	..	..
..	..	..	..	36	6	38	..	..
..	..	..	..	38	9	40	..	..
11	11	..	..	51	54	28	..	11
19	20	..	5	46	51	19	..	3
22	24	..	6	44	49	18	..	4
23	24	..	12	40	44	16	..	4
..	..	..	..	28	28	..	..	..
..	..	..	..	24	24	..	..	..
..	..	..	..	14	14	..	..	..
..	..	..	..	25	25	..	..	..
47	50	35	23	48	58	34	..	32
44	47	23	54	43	51	31	..	33
15	16	8	82	41	54	19	..	31
15	30	..	5	41	49	30	..	33
..	..	..	..	60	60	..	..	..
..	..	..	..	57	57	..	..	..
..	..	..	..	58	58	..	..	..
..	..	..	..	64	64	..	..	..
..	..	..	..	45	45	..	..	..
..	..	..	..	46	46	..	..	..
..	..	..	..	46	46	..	..	..
..	..	..	..	51	51	..	..	..
14	14	..	..	48	44	69	..	..
14	14	..	..	49	45	71	..	..
15	15	..	..	50	46	73	..	..
15	15	..	..	52	48	73	..	..
16	16	4	4	52	47	58	..	33
17	17	4	4	56	50	63	..	33
15	17	3	4	52	59	46	..	33
15	17	3	4	50	55	43	..	23
33	33	..	..	54	54	..	..	..
24	24	..	..	67	67	..	..	..
23	23	..	..	60	60	..	..	..
17	17	..	..	42	42	..	..	..
44	50	43	12	42	42	34	81	19
40	46	45	13	41	40	35	80	19
37	43	46	13	40	37	35	81	19
38	45	45	13	40	38	33	80	21
..	..	..	..	31	..	33	..	..
..	..	..	..	42	..	45	..	..
..	..	..	..	29	..	31	..	..
..	..	..	..	35	..	37	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Andorra	2012	20	30	19	..	..	..	..
	2013	26	33	26	..	..	..	..
	2014	29	34	29	..	..	..	..
	2015	23	35	22	..	..	..	..
Austria	2012	36	31	42	..	21	11	11
	2013	33	26	40	..	22	11	0
	2014	31	23	39	..	21	11	0
	2015	30	28	35	..	22	11	0
Belarus	2012	39	39	24	..	34	..	..
	2013	39	39	46	..	46	..	..
	2014	39	39	41	..	42	4	..
	2015	40	40	36	..	42	11	..
Belgium	2012	46	43	13	78	23	10	..
	2013	45	42	14	82	24	10	31
	2014	40	39	12	65	27	11	23
	2015	38	46	11	50	29	11	31
Bosnia and Herzegovina	2012	37	52	23	..	..	..	..
	2013	46	53	39	..	..	..	..
	2014	43	53	32	..	..	..	..
	2015	41	53	30	..	..	..	..
Bulgaria	2012	46	59	15	95	21	9	..
	2013	43	54	17	82	23	15	..
	2014	47	61	18	92	22	14	..
	2015	51	71	22	89	24	15	..
Croatia	2012	29	33	27	..	21	6	..
	2013	37	30	45	..	23	7	..
	2014	35	22	49	..	24	12	..
	2015	27	21	34	..	24	11	..
Czechia	2012	49	49	15	86	18	12	..
	2013	47	47	18	82	21	11	..
	2014	45	44	15	81	20	12	..
	2015	44	45	16	71	23	12	..
Denmark	2012	25	24	22	..	28	3	..
	2013	29	31	16	..	26	10	..
	2014	27	26	19	..	31	11	..
	2015	24	20	29	..	32	9	..
Estonia	2012	47	50	60	..	19	..	..
	2013	52	55	37	..	24	..	..
	2014	47	49	62	..	25	..	..
	2015	42	43	51	..	27	..	..
Faeroe Islands	2012	30	32	29	..	19	..	..
	2013	29	32	26	..	23	..	..
	2014	28	25	35	..	24	..	..
	2015	29	21	38	..	39	..	..
Finland	2012	51	36	60	96	22	9	..
	2013	49	38	45	98	20	8	..
	2014	48	35	47	98	20	8	..
	2015	49	34	59	96	26	7	..
France	2012	50	23	29	77	23	12	8
	2013	51	23	34	77	22	12	8
	2014	50	16	31	79	22	12	9
	2015	50	21	27	79	24	12	7
Germany	2012	41	54	28	94	18	9	63
	2013	39	53	29	92	17	10	47
	2014	36	48	26	92	17	11	51
	2015	36	48	25	97	20	11	52

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	20	30	19	..	..
..	..	..	..	26	33	26	..	..
..	..	..	..	29	34	29	..	..
..	..	..	..	23	35	22	..	..
42	50	11	..	36	25	43	..	19
39	47	12	..	32	20	41	..	19
39	47	12	..	30	16	40	..	18
40	49	10	..	30	22	36	..	19
55	55	11	23	38	38	26	..	46
48	48	13	23	38	38	53	..	68
44	45	13	46	38	38	46	..	18
48	49	11	46	39	39	41	..	30
25	54	..	10	50	41	13	78	23
24	51	..	10	51	40	14	82	23
25	53	..	11	43	37	12	65	27
26	57	..	11	41	44	11	50	29
17	17	..	..	38	56	23	..	..
18	18	..	..	48	57	39	..	..
20	20	..	..	44	57	32	..	..
24	24	..	..	42	56	30	..	..
28	46	..	..	46	59	15	95	14
27	44	..	..	43	54	17	82	18
30	45	..	..	48	61	18	92	17
18	30	..	..	52	72	22	89	19
22	22	29	..	29	34	27	..	21
24	24	29	..	38	30	46	..	22
25	25	40	..	35	21	49	..	23
22	21	34	..	28	21	34	..	22
48	49	33	..	49	49	13	86	13
52	53	38	..	47	46	17	82	12
55	57	34	..	44	42	13	81	13
56	59	34	..	43	43	14	71	14
23	35	..	3	25	24	22	..	28
24	38	..	10	29	31	16	..	26
24	37	..	11	27	25	19	..	31
22	38	..	9	24	18	29	..	32
59	58	..	..	47	49	60	..	19
58	58	..	57	52	55	37	..	24
27	28	..	23	47	49	59	..	25
58	65	..	27	41	43	51	..	27
..	..	..	..	30	32	29	..	19
..	..	..	..	29	32	26	..	23
..	..	..	..	28	25	35	..	24
..	..	..	..	29	21	38	..	39
58	55	85	14	50	31	59	96	23
57	55	60	8	48	34	45	98	20
56	55	57	8	47	31	46	98	20
57	55	66	7	48	28	58	96	27
26	44	20	10	52	19	29	77	21
25	44	41	11	53	19	34	77	21
26	53	41	12	51	11	31	79	20
30	90	34	12	51	16	27	79	21
72	72	55	72	39	52	28	94	14
53	53	49	51	38	53	29	92	13
53	53	42	53	35	48	26	92	14
53	54	42	54	35	48	25	97	16

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Gibraltar	2012	47	47	..	..	..	..	..
	2013	50	50	..	..	..	..	..
	2014	53	53	..	..	..	..	..
	2015	55	55	..	..	..	..	..
Greece	2012	39	52	16	..	25	13	..
	2013	35	44	23	..	26	16	..
	2014	30	40	16	..	21	17	..
	2015	31	39	21	..	25	17	..
Guernsey	2012	7	7	..	..	..	..	..
	2013	29	29	..	..	..	..	..
	2014	22	22	..	..	..	..	..
	2015	16	16	..	..	..	..	..
Hungary	2012	42	29	43	90	27	8	..
	2013	41	27	43	88	25	8	37
	2014	39	23	60	89	23	8	48
	2015	40	25	47	90	24	8	51
Iceland	2012	75	0	75	..	..	..	89
	2013	75	1	74	..	17	..	90
	2014	75	0	74	..	30	..	90
	2015	77	0	79	..	42	..	86
Ireland	2012	36	40	22	..	26	11	..
	2013	34	37	20	..	27	11	..
	2014	33	36	21	..	27	6	..
	2015	34	36	24	..	31	11	..
Isle of Man	2012	19	19	50	..	..	..	..
	2013	31	31	46	..	..	..	..
	2014	31	31	46	..	..	..	..
	2015	31	31	48	..	..	..	..
Italy	2012	27	32	23	..	19	13	70
	2013	27	29	28	..	20	14	70
	2014	26	28	31	..	20	14	68
	2015	28	33	24	..	19	14	71
Jersey	2012	6	6	..	..	..	..	..
	2013	7	7	..	..	..	..	..
	2014	5	5	..	..	..	..	..
	2015	2	2	..	..	..	..	..
Latvia	2012	26	26	27	..	22	..	..
	2013	24	29	21	..	20	..	..
	2014	20	27	14	..	23	..	..
	2015	22	32	13	..	24	..	..
Liechtenstein	2012	75	42	84	..	..	50	..
	2013	70	39	79	..	..	48	..
	2014	32	29	25	..	..	47	..
	2015	50	25	56	..	..	43	..
Lithuania	2012	13	12	12	..	22	3	..
	2013	12	10	14	..	25	8	..
	2014	11	9	14	..	25	12	..
	2015	14	13	13	..	21	12	..
Luxembourg	2012	24	56	12	..	15	6	..
	2013	18	34	12	..	16	9	..
	2014	17	35	10	..	16	10	..
	2015	16	23	13	..	18	10	..
Malta	2012	41	42	..	..	..	16	..
	2013	38	41	..	..	..	7	..
	2014	37	40	..	..	..	10	..
	2015	22	23	..	..	..	11	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	47	47	..	..	..
..	..	..	..	50	50	..	..	..
..	..	..	..	53	53	..	..	..
..	..	..	..	55	55	..	..	..
51	51	..	..	39	52	16	..	19
41	41	..	..	34	44	23	..	20
41	41	..	..	30	40	16	..	19
48	48	..	..	31	39	21	..	21
..	..	..	..	7	7	..	..	..
..	..	..	..	29	29	..	..	..
..	..	..	..	22	22	..	..	..
..	..	..	..	16	16	..	..	..
52	57	..	8	42	29	43	90	27
35	41	..	14	41	26	43	88	25
29	36	..	14	39	23	60	89	23
27	44	..	12	41	25	47	90	24
..	..	..	..	75	0	75	..	89
..	..	..	..	75	1	74	..	90
..	..	..	..	75	0	74	..	90
..	..	..	..	77	0	79	..	86
73	73	..	11	35	39	22	..	26
69	70	..	11	32	35	20	..	27
69	69	..	6	31	34	21	..	27
71	72	..	11	33	34	24	..	31
..	..	..	..	19	19	50	..	..
..	..	..	..	31	31	46	..	..
..	..	..	..	31	31	46	..	..
..	..	..	..	31	31	48	..	..
44	44	51	42	27	32	23	..	17
43	42	60	32	26	29	28	..	18
44	44	71	29	26	27	31	..	18
41	41	57	32	27	33	24	..	17
71	71	..	..	4	4	..	..	..
14	14	..	..	7	7	..	..	..
15	15	..	..	4	4	..	..	..
17	17	..	..	0	0	..	..	..
50	52	27	..	26	25	27	..	21
56	57	17	..	24	28	21	..	20
68	68	40	..	19	26	14	..	23
69	70	11	..	21	30	13	..	24
..	..	..	..	75	42	84	..	50
..	..	..	..	70	39	79	..	48
..	..	..	..	32	29	25	..	47
..	..	..	..	50	25	56	..	43
26	26	..	..	12	10	12	..	22
20	18	..	..	11	9	14	..	21
24	23	..	..	10	8	14	..	23
30	31	..	..	13	11	13	..	20
19	35	29	6	25	58	12	..	15
19	36	34	9	18	34	12	..	16
18	33	34	10	17	36	10	..	16
17	29	34	10	15	22	13	..	18
37	34	..	39	41	42	..	..	9
17	23	..	17	39	41	..	..	0
37	27	..	39	37	40	..	..	..
50	27	..	53	21	23	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Montenegro	2012	37	71	26	..	..	..	..
	2013	52	75	44	..	..	..	..
	2014	42	74	31	..	..	..	..
	2015	39	79	26	..	..	..	..
Netherlands	2012	39	40	32	88	23	7	29
	2013	38	40	35	68	24	7	37
	2014	37	39	35	96	23	9	40
	2015	37	39	29	96	25	8	46
Norway	2012	51	24	53	..	25	..	0
	2013	46	23	47	..	26	..	0
	2014	48	24	50	..	29	..	0
	2015	49	23	51	..	33	..	0
Poland	2012	52	58	12	..	21	11	3
	2013	52	59	15	..	20	6	3
	2014	50	57	13	..	23	3	3
	2015	50	58	12	..	25	6	3
Portugal	2012	27	36	13	..	27	19	67
	2013	31	33	30	..	30	18	90
	2014	32	33	33	..	28	17	90
	2015	30	43	18	..	27	20	93
Republic of Moldova	2012	22	22	24	..	..	..	..
	2013	21	21	32	..	11	..	..
	2014	26	26	42	..	11	11	..
	2015	25	24	36	..	23	11	..
Romania	2012	31	31	22	93	17	2	..
	2013	29	27	26	94	19	6	..
	2014	31	27	33	94	22	13	..
	2015	32	29	29	94	26	16	..
Russian Federation	2012	53	52	39	80	6	..	67
	2013	50	49	42	78	6	..	64
	2014	47	44	40	82	11	8	67
	2015	47	45	38	85	17	9	67
Serbia	2012	58	71	40	..	..	..	..
	2013	64	78	42	..	..	..	..
	2014	53	60	44	..	..	11	..
	2015	59	73	41	..	..	10	..
Slovakia	2012	39	28	20	91	23	9	41
	2013	39	24	23	93	14	13	32
	2014	39	25	20	91	23	13	54
	2015	39	29	19	89	17	11	38
Slovenia	2012	54	54	37	92	..	13	..
	2013	54	51	43	88	11	13	..
	2014	58	41	56	106	11	13	..
	2015	51	51	36	94	14	13	..
Spain	2012	30	30	15	94	25	21	22
	2013	29	24	24	93	28	21	0
	2014	28	23	25	88	26	22	0
	2015	28	26	18	88	25	22	27
Sweden	2012	50	22	55	77	23	9	..
	2013	46	23	43	81	27	9	..
	2014	44	17	46	78	25	9	..
	2015	45	18	53	66	32	11	..
Switzerland	2012	43	42	33	89	21	8	..
	2013	42	42	33	91	17	8	..
	2014	43	41	33	95	19	9	..
	2015	39	40	33	79	21	9	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	37	71	26	..	..
..	..	..	..	52	75	44	..	..
..	..	..	..	42	74	31	..	..
..	..	..	..	39	79	26	..	..
46	51	..	16	38	38	32	88	24
44	51	..	14	36	37	35	68	24
37	44	..	14	37	37	35	96	23
37	46	..	13	37	38	29	96	25
47	33	62	..	52	8	53	..	25
47	31	60	..	46	9	47	..	26
46	30	59	..	48	12	49	..	29
47	31	59	..	49	10	50	..	33
55	54	23	34	52	58	12	..	21
56	56	34	26	52	59	15	..	20
55	55	34	6	50	57	13	..	23
50	52	34	7	50	58	12	..	25
45	47	19	16	25	33	13	..	27
50	53	38	15	29	27	30	..	30
46	49	44	17	30	28	33	..	28
46	49	29	19	29	41	18	..	27
3	3	..	..	30	30	24	..	..
4	4	..	..	28	28	32	..	11
11	11	..	11	29	29	42	..	11
6	6	..	..	29	29	36	..	17
24	29	19	5	32	31	22	93	19
24	29	28	6	30	27	26	94	18
22	25	41	11	33	28	33	94	20
28	31	42	13	32	29	29	94	24
42	42	38	..	53	54	39	80	60
37	38	37	..	52	51	42	78	58
30	30	36	..	49	46	40	82	20
33	33	36	..	49	47	38	85	17
33	33	..	..	59	71	40	..	..
38	38	..	..	64	79	42	..	..
43	43	..	..	53	60	44	..	11
47	47	..	..	60	73	41	..	10
28	40	35	11	40	25	20	91	10
26	36	40	13	41	22	23	93	13
30	40	44	15	40	21	20	91	13
31	45	36	11	41	24	19	89	16
21	72	12	13	57	53	40	92	14
21	67	16	13	57	51	46	88	11
22	62	22	13	62	40	59	106	13
20	65	15	13	55	51	38	94	13
65	66	26	23	28	25	15	94	24
60	61	54	4	27	19	24	93	26
50	51	61	5	26	19	25	88	25
52	53	43	28	26	22	17	88	24
58	58	65	..	50	16	55	77	23
56	56	13	..	46	16	43	81	27
55	55	15	..	44	11	46	78	25
55	56	16	..	45	12	53	66	31
40	46	55	8	43	32	32	89	21
35	47	55	8	43	27	32	91	17
33	49	59	9	44	20	32	95	19
30	47	64	9	41	19	32	79	21

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
T.F.Yug.Rep. Macedonia	2012	42	54	20	..	..	8	..
	2013	40	46	29	..	..	15	..
	2014	35	43	22	..	22	11	..
	2015	36	38	32	..	37	15	58
Ukraine	2012	41	32	23	74	13	12	..
	2013	40	31	30	69	20	11	..
	2014	37	27	18	73	31	12	..
	2015	33	22	14	72	29	13	..
United Kingdom	2012	43	42	21	81	25	9	15
	2013	44	44	20	81	29	8	23
	2014	41	42	22	73	28	9	8
	2015	41	42	23	85	32	9	6
Oceania	2012	45	51	29	..	32	12	94
	2013	45	49	34	..	29	13	89
	2014	43	48	35	..	32	14	84
	2015	44	50	31	..	32	15	88
American Samoa	2012	43	44	..	..	..	13	..
	2013	43	44	..	..	..	13	..
	2014	43	44	..	..	..	13	..
	2015	43	46	..	..	..	6	..
Australia	2012	44	52	17	..	31	12	11
	2013	44	50	24	..	28	13	11
	2014	42	48	24	..	31	14	11
	2015	43	51	18	..	31	16	11
Cook Islands	2012	31	33	..	..	..	15	..
	2013	31	32	..	..	..	16	..
	2014	37	42	..	..	..	16	..
	2015	26	28	..	..	..	15	..
Fiji	2012	32	22	44	..	8	..	..
	2013	32	23	45	..	6	..	..
	2014	32	32	34	..	5	..	..
	2015	35	39	34	..	6	..	..
French Polynesia	2012	38	36	50	..	..	20	..
	2013	37	35	47	..	..	22	..
	2014	36	32	52	..	..	22	..
	2015	36	31	52	..	..	22	..
Guam	2012	37	37	..	..	..	..	..
	2013	36	36	..	..	..	..	..
	2014	36	36	..	..	..	..	..
	2015	35	38	..	..	..	..	..
Kiribati	2012	37	44	..	..	..	..	..
	2013	38	45	..	..	..	..	..
	2014	38	45	..	..	..	..	..
	2015	35	39	..	..	..	15	..
Marshall Islands	2012	27	27	..	..	..	8	..
	2013	29	29	..	..	..	9	..
	2014	29	29	..	..	..	5	..
	2015	27	27	..	..	..	8	..
Micronesia (Fed. States of)	2012	24	24	..	..	..	16	..
	2013	24	24	..	..	..	16	..
	2014	23	24	0	..	..	16	..
	2015	23	24	1	..	..	16	..
Nauru	2012	50	51	..	..	..	11	..
	2013	50	52	..	..	..	6	..
	2014	46	48	..	..	..	6	..
	2015	46	48	..	..	..	6	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Total	Autoproducers			Main activity producers				
	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
6	6	..	..	42	54	20	..	8
6	6	..	..	40	47	29	..	15
3	3	..	..	35	43	22	..	19
..	..	..	..	36	38	32	..	32
13	13	46	..	43	34	23	74	13
11	11	50	2	42	33	30	69	14
11	11	54	9	39	28	18	73	22
9	9	39	8	35	23	14	72	21
48	63	59	15	43	40	19	81	26
41	64	54	15	44	42	18	81	30
37	75	57	13	41	40	20	73	29
36	83	56	15	42	38	21	85	30
37	49	41	14	46	51	29	..	44
35	47	41	15	46	50	34	..	40
34	47	41	15	45	48	35	..	41
34	47	41	17	46	51	31	..	40
..	..	..	..	43	44	..	..	13
..	..	..	..	43	44	..	..	13
..	..	..	..	43	44	..	..	13
..	..	..	..	43	46	..	..	6
34	47	..	12	45	52	17	..	31
33	45	..	13	45	50	24	..	28
31	45	..	14	44	49	24	..	31
32	45	..	16	45	51	18	..	30
..	..	..	..	31	33	..	..	15
..	..	..	..	31	32	..	..	16
..	..	..	..	37	42	..	..	16
..	..	..	..	26	28	..	..	15
11	11	..	..	37	28	44	..	8
11	11	..	..	36	28	45	..	6
11	11	..	..	36	40	34	..	5
7	7	..	..	39	48	34	..	6
..	..	..	..	38	36	50	..	20
..	..	..	..	37	35	47	..	22
..	..	..	..	36	32	52	..	22
..	..	..	..	36	31	52	..	22
..	..	..	..	37	37	..	..	..
..	..	..	..	36	36	..	..	..
..	..	..	..	36	36	..	..	..
..	..	..	..	35	38	..	..	..
23	23	..	..	39	47	..	..	..
23	23	..	..	40	49	..	..	..
23	23	..	..	40	49	..	..	..
23	23	..	..	36	41	..	..	15
..	..	..	..	27	27	..	..	8
..	..	..	..	29	29	..	..	9
..	..	..	..	29	29	..	..	5
..	..	..	..	27	27	..	..	8
..	..	..	..	24	24	..	..	16
..	..	..	..	24	24	..	..	16
..	..	..	..	23	24	0	..	16
..	..	..	..	23	24	1	..	16
..	..	..	..	50	51	..	..	11
..	..	..	..	50	52	..	..	6
..	..	..	..	46	48	..	..	6
..	..	..	..	46	48	..	..	6

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
New Caledonia	2012	52	54	58	..	17	16	..
	2013	41	40	67	..	16	16	..
	2014	50	54	42	..	18	16	..
	2015	48	50	50	..	19	13	..
New Zealand	2012	52	50	49	..	38	14	95
	2013	52	49	49	..	37	11	89
	2014	51	40	52	..	37	10	84
	2015	53	45	52	..	39	10	88
Niue	2012	18	18	..	..	..	14	..
	2013	18	18	..	..	..	15	..
	2014	15	17	..	..	..	2	..
	2015	16	18	..	..	..	2	..
Northern Mariana Islands	2012	53	53	..	..	..	..	..
	2013	52	52	..	..	..	..	..
	2014	51	51	..	..	..	..	..
	2015	52	52	..	..	..	..	..
Palau	2012	36	36	..	..	..	..	..
	2013	36	36	..	..	..	..	..
	2014	36	36	..	..	..	..	..
	2015	36	36	..	..	..	..	..
Papua New Guinea	2012	54	56	43	..	..	..	86
	2013	52	53	44	..	..	..	86
	2014	55	55	47	..	..	..	86
	2015	54	55	45	..	..	..	91
Samoa	2012	31	29	35	..	..	..	..
	2013	33	30	42	..	..	..	..
	2014	40	38	39	..	..	..	..
	2015	36	43	34	..	4	15	..
Solomon Islands	2012	26	26	..	..	..	..	..
	2013	28	28	..	..	..	..	..
	2014	29	29	..	..	..	25	..
	2015	30	30	..	..	..	25	..
Tonga	2012	43	43	..	..	..	..	..
	2013	41	43	..	..	8	16	..
	2014	40	43	..	..	17	18	..
	2015	38	40	..	..	11	23	..
Tuvalu	2012	22	22	..	..	..	..	..
	2013	21	21	..	..	..	..	..
	2014	21	21	..	..	..	..	..
	2015	21	21	..	..	..	23	..
Vanuatu	2012	24	24	69	..	11	21	..
	2013	25	24	67	..	11	21	..
	2014	24	24	67	..	11	21	..
	2015	23	21	67	..	21	29	..
Wallis and Futuna Is.	2012	19	20	..	..	..	..	..
	2013	19	19	..	..	..	..	..
	2014	19	19	..	..	..	..	..
	2015	18	19	..	..	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Total	Autoproducers			Main activity producers				
	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
1	..	..	14	53	55	58	..	17
0	..	..	14	45	44	67	..	16
0	..	..	14	55	60	42	..	18
0	..	..	14	53	56	50	..	18
62	65	49	37	52	49	49	..	70
63	67	42	42	52	47	49	..	67
60	65	34	35	51	38	52	..	65
54	67	30	22	53	43	52	..	70
..	..	..	..	18	18	..	..	14
..	..	..	..	18	18	..	..	15
..	..	..	..	15	17	..	..	2
..	..	..	..	16	18	..	..	2
..	..	..	..	53	53	..	..	..
..	..	..	..	52	52	..	..	..
..	..	..	..	51	51	..	..	..
..	..	..	..	52	52	..	..	..
34	34	..	..	36	36	..	..	..
34	34	..	..	36	36	..	..	..
35	35	..	..	36	36	..	..	..
35	35	..	..	36	36	..	..	..
64	66	40	86	37	26	45	..	..
60	61	40	86	37	25	46	..	..
61	62	42	86	40	28	50	..	..
61	62	42	91	39	28	47	..	..
..	..	..	..	33	32	35	..	..
..	..	..	..	35	33	42	..	..
..	..	..	..	42	42	39	..	..
..	..	..	..	38	47	34	..	14
18	18	..	..	28	28	..	..	..
18	18	..	..	30	30	..	..	..
18	18	..	..	31	31	..	..	25
21	21	..	..	31	32	..	..	25
..	..	..	..	43	43	..	..	..
..	..	..	..	41	43	..	..	16
..	..	..	..	40	43	..	..	18
..	..	..	..	38	40	..	..	23
..	..	..	..	22	22	..	..	..
..	..	..	..	21	21	..	..	..
..	..	..	..	21	21	..	..	..
..	..	..	..	21	21	..	..	23
..	..	..	..	24	24	69	..	11
..	..	..	..	25	24	67	..	12
..	..	..	..	24	24	67	..	12
..	..	..	..	23	21	67	..	22
..	..	..	..	19	20	..	..	..
..	..	..	..	19	19	..	..	..
..	..	..	..	19	19	..	..	..
..	..	..	..	18	19	..	..	..

Table 32

Production of electricity - by type
Gigawatt-hours

Table Notes

For this table, **Other** under total producers refers to geothermal, tide, wave, marine, electricity from chemical heat, and other non-specified sources. **Other** under autoproducers refers to nuclear (if any), wind, solar, tide, wave, marine, electricity from chemical heat, and other non-specified sources. **Other** under main activity producers refers to wind, solar, tide, wave, marine, electricity from chemical heat, and other non-specified sources.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Figure 75: World electricity generation by source, 1990-2015

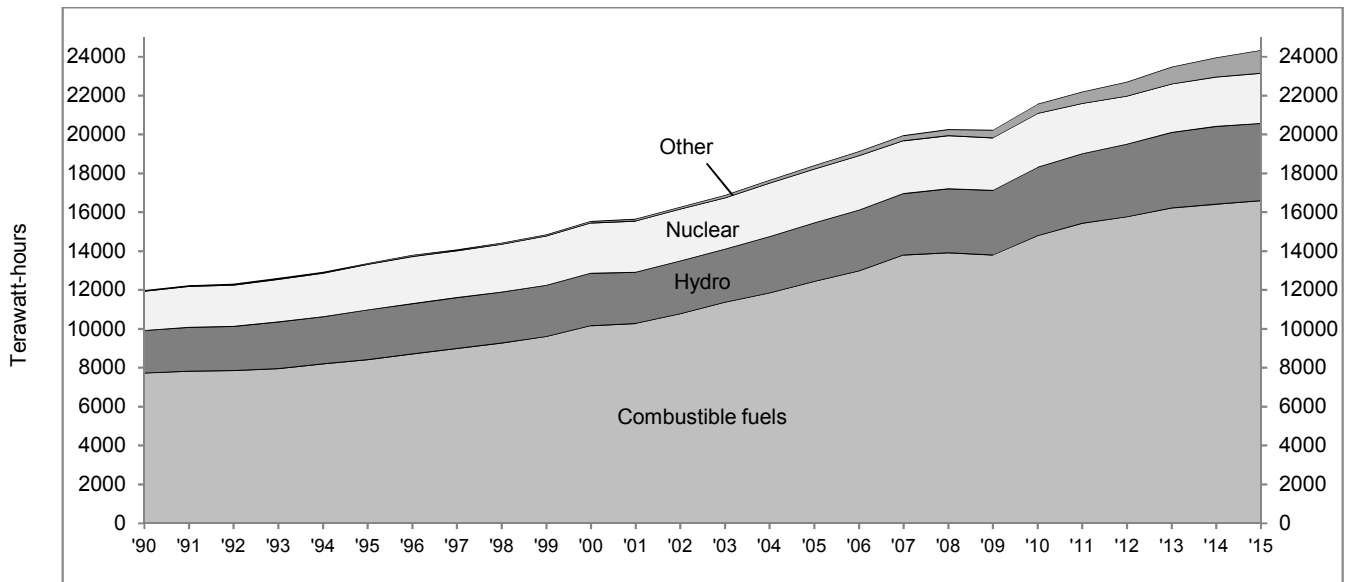


Figure 76: World production of electricity by source and region, 2015

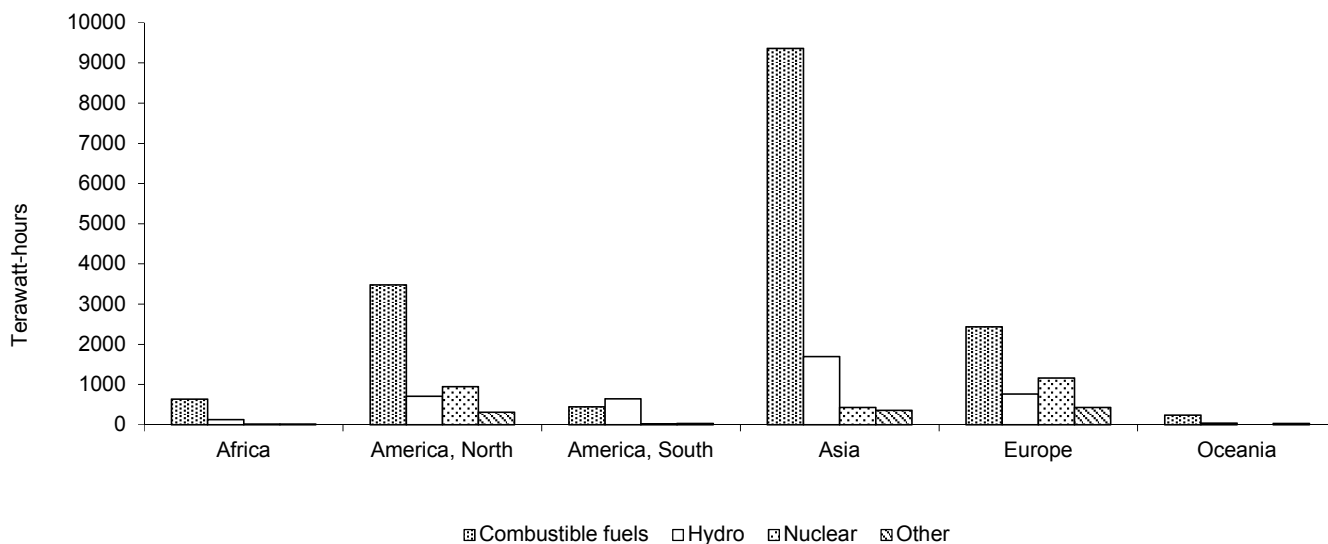


Figure 77: Major countries producing electricity from combustible fuels, 2015

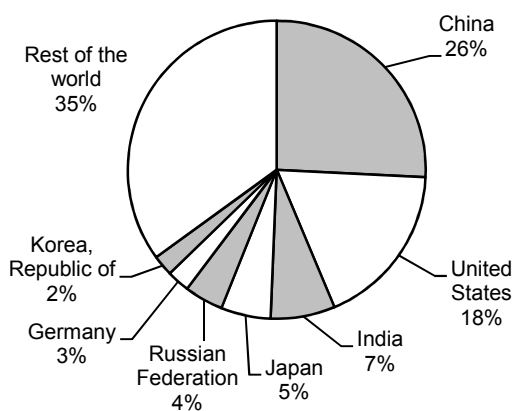


Figure 78: Major countries producing hydro electricity, 2015

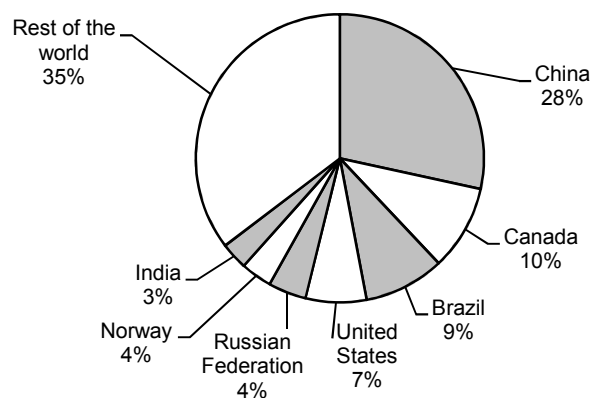


Figure 79: Major countries producing nuclear electricity, 2015

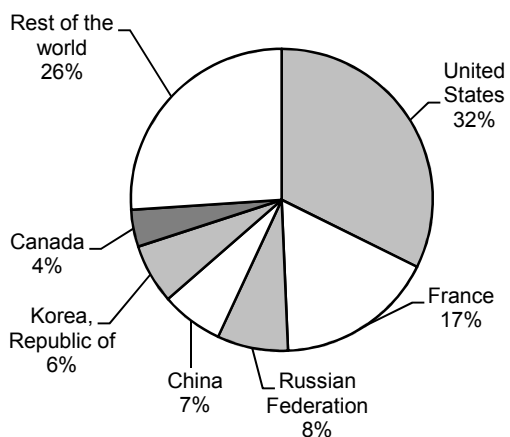


Figure 80: Major countries producing electricity from other sources, 2015

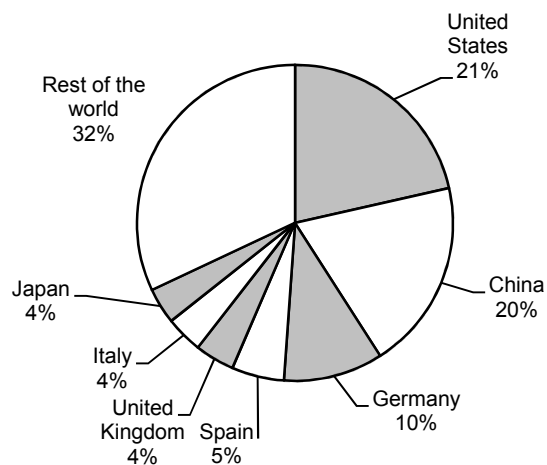


Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
World	2012	22,694,538	15,752,677	3,750,646	2,460,301	521,887	95,122	113,905
	2013	23,467,300	16,222,700	3,890,291	2,478,918	645,840	136,468	93,083
	2014	23,949,499	16,422,580	3,992,528	2,535,642	708,050	185,469	105,230
	2015	24,321,639	16,595,466	3,978,091	2,569,890	826,098	250,639	101,454
Africa	2012	724,802	591,785	114,952	11,954	2,549	515	3,047
	2013	745,560	601,780	121,972	14,106	3,606	721	3,376
	2014	776,437	621,556	127,342	13,794	6,427	2,830	4,487
	2015	791,620	638,374	124,350	12,237	7,630	2,921	6,108
Algeria	2012	57,397	56,775	622	..	..	..	..
	2013	59,890	59,560	330	..	..	..	..
	2014	64,242	63,988	254	..	..	..	..
	2015	68,798	68,576	145	..	19	58	..
Angola	2012	6,204	2,432	3,772	..	..	..	..
	2013	8,216	3,449	4,767	..	..	..	..
	2014	9,480	4,439	5,041	..	..	..	..
	2015	9,764	4,572	5,192	..	..	..	..
Benin	2012	48	48	..	..	..	..	..
	2013	92	92	..	..	..	..	..
	2014	239	239	..	..	..	..	..
	2015	342	323	14	..	..	5	..
Botswana	2012	251	250	..	..	..	1	..
	2013	761	760	..	..	..	1	..
	2014	2,364	2,363	..	..	..	1	..
	2015	*2,967	*2,966	..	..	..	1	..
Burkina Faso	2012	625	528	97	..	..	..	..
	2013	731	625	106	..	..	..	..
	2014	870	780	90	..	..	..	..
	2015	999	906	93	..	..	..	..
Burundi	2012	142	3	139	..	..	..	..
	2013	159	21	138	..	..	..	..
	2014	174	34	140	..	..	..	..
	2015	166	29	137	..	..	..	..
Cabo Verde	2012	375	306	..	..	61	7	..
	2013	404	321	..	..	76	7	..
	2014	409	338	..	..	66	5	..
	2015	421	336	..	..	79	6	..
Cameroon	2012	4,725	1,228	3,497	..	..	..	..
	2013	5,510	1,427	4,083	..	..	..	..
	2014	6,152	1,590	4,562	..	..	..	..
	2015	6,758	1,690	5,068	..	..	..	..
Central African Rep.	2012	176	27	149	..	..	..	..
	2013	139	1	138	..	..	..	..
	2014	171	1	170	..	..	..	..
	2015	*171	*1	*170	..	..	..	..
Chad	2012	205	205	..	..	..	..	..
	2013	*225	*225	..	..	..	..	..
	2014	*225	*225	..	..	..	..	..
	2015	*228	*228	..	..	..	..	..
Comoros	2012	*58	*58	..	..	..	..	..
	2013	*56	*56	..	..	..	..	..
	2014	*53	*53	..	..	..	..	..
	2015	*42	*42	..	..	..	..	..
Congo	2012	1,700	713	987	..	..	..	..
	2013	1,709	738	971	..	..	..	..
	2014	1,740	788	952	..	..	..	..
	2015	1,734	809	925	..	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
1,753,353	1,611,458	96,888	45,007	20,941,185	14,141,219	3,653,758	2,460,301	685,907
1,896,443	1,731,213	101,084	64,146	21,570,857	14,491,487	3,789,207	2,478,918	811,245
1,930,441	1,745,165	99,368	85,909	22,019,058	14,677,415	3,893,160	2,535,642	912,840
2,138,647	1,920,017	102,115	116,515	22,182,992	14,675,450	3,875,976	2,569,890	1,061,676
36,893	34,538	782	1,573	687,909	557,247	114,170	11,954	4,538
35,752	33,203	851	1,697	709,809	568,577	121,120	14,106	6,006
37,463	32,833	1,057	3,573	738,973	588,723	126,285	13,794	10,172
41,993	35,471	627	5,895	749,627	602,903	123,723	12,237	10,764
3,311	3,311	..	..	54,086	53,464	622	..	..
3,742	3,742	..	..	56,148	55,818	330	..	..
3,742	3,742	..	..	60,500	60,246	254	..	..
4,135	4,135	..	..	64,663	64,441	145	..	77
357	357	..	..	5,847	2,075	3,772	..	..
473	473	..	..	7,743	2,976	4,767	..	..
546	546	..	..	8,934	3,893	5,041	..	..
562	562	..	..	9,202	4,010	5,192	..	..
20	20	..	..	28	28	..	..	..
19	19	..	..	73	73	..	..	..
112	112	..	..	127	127	..	..	..
112	112	..	..	230	211	14	..	5
..	..	..	..	251	250	..	..	1
..	..	..	..	761	760	..	..	1
..	..	..	..	2,364	2,363	..	..	1
..	..	..	..	*2,967	*2,966	..	..	1
147	147	..	..	479	382	97	..	..
..	..	..	..	731	625	106	..	..
..	..	..	..	870	780	90	..	..
..	..	..	..	999	906	93	..	..
..	..	..	..	142	3	139	..	..
..	..	..	..	159	21	138	..	..
..	..	..	..	174	34	140	..	..
..	..	..	..	166	29	137	..	..
1	1	..	..	374	306	..	..	69
1	1	..	..	404	321	..	..	83
1	1	..	..	408	338	..	..	71
*1	*1	..	..	421	336	..	..	85
911	911	..	..	3,814	317	3,497	..	..
1,057	1,057	..	..	4,453	370	4,083	..	..
1,177	1,177	..	..	4,975	413	4,562	..	..
1,251	1,251	..	..	5,507	439	5,068	..	..
..	..	..	..	176	27	149	..	..
..	..	..	..	139	1	138	..	..
..	..	..	..	171	1	170	..	..
..	..	..	..	*171	*1	*170	..	..
..	..	..	..	205	205	..	..	..
..	..	..	..	*225	*225	..	..	..
..	..	..	..	*225	*225	..	..	..
..	..	..	..	*228	*228	..	..	..
..	..	..	..	*58	*58	..	..	..
..	..	..	..	*56	*56	..	..	..
..	..	..	..	*53	*53	..	..	..
..	..	..	..	*42	*42	..	..	..
713	713	..	..	987	..	987	..	..
738	738	..	..	971	..	971	..	..
788	788	..	..	952	..	952	..	..
809	809	..	..	925	..	925	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						Other
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	
Côte d'Ivoire	2012	7,016	5,227	1,789	..	..	..	..
	2013	7,650	6,044	1,606	..	..	..	..
	2014	8,286	6,373	1,913	..	..	..	..
	2015	8,711	7,359	1,352	..	..	..	..
Dem. Rep. of the Congo	2012	7,612	26	7,586	..	..	..	..
	2013	8,258	27	8,231	..	..	..	..
	2014	8,840	20	8,820	..	..	..	..
	2015	8,942	26	8,916	..	..	..	..
Djibouti	2012	393	393	..	..	..	..	..
	2013	402	402	..	..	..	..	..
	2014	402	402	..	..	..	..	..
	2015	405	405	..	..	..	..	..
Egypt	2012	164,628	150,010	13,121	..	1,260	237	..
	2013	168,050	153,252	13,352	..	1,332	114	..
	2014	180,377	164,864	13,822	..	1,444	247	..
	2015	187,479	172,449	13,432	..	1,345	253	..
Equatorial Guinea	2012	410	396	14	..	..	..	..
	2013	414	396	18	..	..	..	..
	2014	939	396	543	..	..	..	..
	2015	*939	*396	*543	..	..	..	..
Eritrea	2012	359	357	..	..	..	2	..
	2013	363	361	..	..	..	2	..
	2014	388	386	..	..	..	2	..
	2015	406	404	..	..	..	2	..
Ethiopia	2012	7,608	12	7,388	..	192	..	16
	2013	8,719	8	8,338	..	356	..	17
	2014	9,534	3	9,013	..	499	..	19
	2015	10,437	4	9,674	..	759	..	..
Gabon	2012	2,151	1,240	908	..	..	3	..
	2013	2,264	1,330	932	..	..	2	..
	2014	2,367	1,570	795	..	..	2	..
	2015	2,126	1,206	918	..	..	2	..
Gambia	2012	*266	*266	..	..	..	..	..
	2013	*261	*261	..	..	..	..	..
	2014	*281	*281	..	..	..	..	..
	2015	*284	*284	..	..	..	..	..
Ghana	2012	12,204	4,133	8,071	..	..	..	..
	2013	13,050	4,814	8,233	..	..	3	..
	2014	13,143	4,752	8,387	..	..	4	..
	2015	11,672	5,824	5,845	..	..	3	..
Guinea	2012	728	238	491	..	..	..	..
	2013	654	172	482	..	..	..	..
	2014	712	287	426	..	..	..	..
	2015	1,118	238	881	..	..	..	..
Guinea-Bissau	2012	*34	*34	..	..	..	..	..
	2013	*35	*35	..	..	..	..	..
	2014	*35	*35	..	..	..	..	..
	2015	*36	*36	..	..	..	..	..
Kenya	2012	7,852	2,305	4,016	..	14	..	1,516
	2013	8,448	2,218	4,435	..	15	..	1,781
	2014	9,139	2,635	3,569	..	17	..	2,917
	2015	9,515	1,462	*3,472	..	60	..	4,521
Lesotho	2012	485	..	485	..	..	..	..
	2013	515	..	515	..	..	..	..
	2014	515	..	515	..	..	..	..
	2015	532	..	532	..	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
68	68	..	..	6,948	5,159	1,789	..	..
70	70	..	..	7,580	5,974	1,606	..	..
72	72	..	..	8,214	6,301	1,913	..	..
105	105	..	..	8,606	7,254	1,352	..	..
17	17	0	..	7,595	9	7,586	..	..
18	18	0	..	8,240	9	8,231	..	..
16	16	0	..	8,824	4	8,820	..	..
14	14	0	..	8,928	12	8,916	..	..
..	..	..	..	393	393	..	..	..
..	..	..	..	402	402	..	..	..
..	..	..	..	402	402	..	..	..
..	..	..	..	405	405	..	..	..
5,405	5,405	..	..	159,223	144,605	13,121	..	1,497
5,502	5,502	..	..	162,548	147,750	13,352	..	1,446
*5,502	*5,502	..	..	174,875	159,362	13,822	..	1,691
*5,502	*5,502	..	..	181,977	166,947	13,432	..	1,598
..	..	..	..	410	396	14	..	..
..	..	..	..	414	396	18	..	..
..	..	..	..	939	396	543	..	..
..	..	..	..	*939	*396	*543	..	..
11	11	..	..	348	346	..	..	2
11	11	..	..	352	350	..	..	2
11	11	..	..	377	375	..	..	2
11	11	..	..	395	393	..	..	2
..	..	..	..	7,608	12	7,388	..	208
..	..	..	..	8,719	8	8,338	..	373
..	..	..	..	9,534	3	9,013	..	518
..	..	..	..	10,437	4	9,674	..	759
185	182	..	3	1,966	1,058	908	..	..
193	191	..	2	2,071	1,139	932	..	..
194	192	..	2	2,173	1,378	795	..	..
220	218	..	2	1,906	988	918	..	..
*31	*31	..	..	*236	*236	..	..	..
*31	*31	..	..	*230	*230	..	..	..
*31	*31	..	..	*250	*250	..	..	..
*31	*31	..	..	*253	*253	..	..	..
*180	*180	..	..	12,024	3,953	8,071	..	..
*180	*180	..	..	12,870	4,634	8,233	..	3
*180	*180	..	..	12,963	4,572	8,387	..	4
*180	*180	..	..	11,492	5,644	5,845	..	3
0	0	..	..	728	238	491	..	..
28	28	..	..	627	144	482	..	..
161	161	..	..	552	126	426	..	..
174	174	..	..	945	64	881	..	..
*8	*8	..	..	*26	*26	..	..	..
*8	*8	..	..	*27	*27	..	..	..
*8	*8	..	..	*27	*27	..	..	..
*8	*8	..	..	*28	*28	..	..	..
..	..	..	..	7,852	2,305	4,016	..	1,530
..	..	..	..	8,448	2,218	4,435	..	1,796
..	..	..	..	9,139	2,635	3,569	..	2,934
..	..	..	..	9,515	1,462	*3,472	..	4,580
..	..	..	..	485	..	485	..	..
..	..	..	..	515	..	515	..	..
..	..	..	..	515	..	515	..	..
..	..	..	..	532	..	532	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Liberia	2012	*300	*300	..	..	..	..	..
	2013	*300	*300	..	..	..	..	..
	2014	*300	*300	..	..	..	..	..
	2015	*310	*310	..	..	..	..	..
Libya	2012	34,275	34,275	..	..	..	..	..
	2013	37,913	37,913	..	..	..	..	..
	2014	37,731	37,731	..	..	..	..	..
	2015	37,713	37,713	..	..	..	..	..
Madagascar	2012	1,520	765	755	..	..	0	..
	2013	1,593	784	809	..	..	0	..
	2014	1,658	774	884	..	..	0	..
	2015	1,712	777	935	..	..	0	..
Malawi	2012	2,092	*181	1,911	..	..	..	..
	2013	2,019	*181	1,838	..	..	..	..
	2014	2,082	*181	1,901	..	..	..	..
	2015	*2,103	*183	*1,920	..	..	..	..
Mali	2012	1,363	579	783	..	..	..	..
	2013	1,510	532	978	..	..	..	..
	2014	*1,679	*959	*720	..	..	..	..
	2015	*1,712	*967	*745	..	..	..	..
Mauritania	2012	824	824	..	..	..	..	..
	2013	812	773	..	..	13	26	..
	2014	851	808	..	..	13	30	..
	2015	1,002	868	..	..	104	30	..
Mauritius	2012	2,798	2,719	74	..	4	1	..
	2013	2,882	2,781	95	..	4	3	..
	2014	2,936	2,817	91	..	3	25	..
	2015	2,996	2,845	122	..	3	26	..
Mayotte	2012	271	256	..	..	..	15	..
	2013	285	268	..	..	..	17	..
	2014	299	283	..	..	..	17	..
	2015	316	299	..	..	..	17	..
Morocco	2012	27,797	23,951	1,816	..	728	..	1,302
	2013	28,242	22,594	2,990	..	1,356	..	1,302
	2014	29,384	24,125	2,033	..	1,924	..	1,302
	2015	31,217	25,108	2,282	..	2,519	6	1,302
Mozambique	2012	15,166	21	15,145	..	..	..	..
	2013	15,645	840	14,805	..	..	..	..
	2014	17,739	1,379	16,359	..	..	1	..
	2015	19,641	2,547	17,093	..	..	1	..
Namibia	2012	1,538	67	1,471	..	..	..	..
	2013	1,712	72	1,640	..	..	..	..
	2014	1,498	13	1,485	..	..	..	..
	2015	1,536	34	1,502	..	..	..	..
Niger	2012	392	392	..	..	..	0	..
	2013	438	438	..	..	..	0	..
	2014	499	499	..	..	..	0	..
	2015	526	526	..	..	..	0	..
Nigeria	2012	28,706	23,047	5,659	..	..	..	..
	2013	28,883	23,557	5,326	..	..	..	..
	2014	30,390	25,044	5,346	..	..	..	..
	2015	31,426	25,708	5,718	..	..	..	..
Réunion	2012	2,811	2,114	488	..	19	190	..
	2013	2,813	2,017	557	..	15	224	..
	2014	2,857	2,180	426	..	16	236	..
	2015	2,891	2,135	496	..	16	244	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
*200	*200	..	..	*100	*100	..	..	..
*200	*200	..	..	*100	*100	..	..	..
*200	*200	..	..	*100	*100	..	..	..
*205	*205	..	..	*105	*105	..	..	..
..	..	..	..	34,275	34,275	..	..	..
..	..	..	..	37,913	37,913	..	..	..
..	..	..	..	37,731	37,731	..	..	..
..	..	..	..	37,713	37,713	..	..	..
*170	*170	..	..	1,350	595	755	..	0
*170	*170	..	..	1,423	614	809	..	0
*170	*170	..	..	1,488	604	884	..	0
*170	*170	..	..	1,542	607	935	..	0
*181	*176	*5	..	1,911	*5	1,906	..	..
*181	*176	*5	..	1,838	*5	1,833	..	..
*181	*176	*5	..	1,901	*5	1,896	..	..
*183	*178	*5	..	*1,920	*5	*1,915	..	..
*52	*52	..	..	1,311	527	783	..	..
52	52	..	..	1,458	480	978	..	..
*52	*52	..	..	*1,627	*907	*720	..	..
*60	*60	..	..	*1,652	*907	*745	..	..
323	323	..	..	501	501	..	..	..
320	320	..	..	492	453	..	..	39
326	326	..	..	525	482	..	..	43
*340	*340	..	..	662	528	..	..	134
1,652	1,651	..	1	1,146	1,068	74	..	4
1,706	1,703	..	3	1,176	1,078	95	..	4
1,761	1,736	..	25	1,175	1,081	91	..	3
1,738	1,712	..	26	1,258	1,133	122	..	3
..	..	..	..	271	256	..	..	15
..	..	..	..	285	268	..	..	17
..	..	..	..	299	283	..	..	17
..	..	..	..	316	299	..	..	17
1,441	139	..	1,302	26,356	23,812	1,816	..	728
1,413	111	..	1,302	26,829	22,483	2,990	..	1,356
1,439	137	..	1,302	27,945	23,988	2,033	..	1,924
1,362	60	..	1,302	29,855	25,048	2,282	..	2,525
263	..	263	..	14,903	21	14,882	..	..
263	..	263	..	15,382	840	14,542	..	..
468	..	467	1	17,271	1,379	15,892	..	..
170	54	114	1	19,471	2,493	16,978	..	..
..	..	..	..	1,538	67	1,471	..	..
..	..	..	..	1,712	72	1,640	..	..
..	..	..	..	1,498	13	1,485	..	..
..	..	..	..	1,536	34	1,502	..	..
54	54	..	0	338	338	..	..	..
39	39	..	0	399	399	..	..	..
*112	*112	..	0	387	387	..	..	..
114	114	..	0	412	412	..	..	..
7,435	7,320	115	..	21,271	15,727	5,544	..	..
5,257	5,148	109	..	23,626	18,409	5,217	..	..
5,582	5,473	109	..	24,808	19,571	5,237	..	..
5,735	5,618	117	..	25,691	20,090	5,601	..	..
..	..	..	..	2,811	2,114	488	..	209
..	..	..	..	2,813	2,017	557	..	239
..	..	..	..	2,857	2,180	426	..	252
..	..	..	..	2,891	2,135	496	..	260

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Rwanda	2012	393	211	182	..	..	0	..
	2013	413	265	148	..	..	0	..
	2014	476	266	205	..	..	5	..
	2015	524	226	284	..	..	14	..
Sao Tome and Principe	2012	77	71	6	..	..	..	..
	2013	71	65	6	..	..	..	..
	2014	*67	*60	*7	..	..	..	..
	2015	*70	*62	*7	..	..	..	..
Senegal	2012	2,917	2,917	..	..	..	..	..
	2013	3,253	3,185	..	..	..	4	64
	2014	3,394	3,323	..	..	..	4	67
	2015	3,613	3,538	..	..	..	4	71
Seychelles	2012	336	336	..	..	..	..	..
	2013	354	347	..	..	7	..	..
	2014	363	355	..	..	7	1	..
	2015	378	369	..	..	7	2	..
Sierra Leone	2012	179	61	118	..	..	..	..
	2013	164	59	105	..	..	..	..
	2014	181	63	118	..	..	..	..
	2015	*205	*80	*125	..	..	..	..
Somalia	2012	340	340	..	..	..	..	..
	2013	350	350	..	..	..	..	..
	2014	350	350	..	..	..	..	..
	2015	350	350	..	..	..	..	..
South Africa	2012	257,995	241,717	4,211	11,954	74	39	..
	2013	256,353	237,844	4,040	14,106	74	289	..
	2014	254,768	232,756	4,082	13,794	1,930	2,206	..
	2015	249,655	229,245	3,720	12,237	2,270	2,183	..
South Sudan	2012	445	443	..	..	..	2	..
	2013	472	470	..	..	..	2	..
	2014	488	486	..	..	..	2	..
	2015	330	328	..	..	..	2	..
St. Helena and Depend.	2012	10	9	..	..	1	0	..
	2013	11	10	..	..	1	0	..
	2014	10	9	..	..	1	0	..
	2015	10	8	..	..	2	0	..
Sudan	2012	9,510	2,891	6,619	..	..	..	..
	2013	10,607	2,290	8,317	..	..	..	..
	2014	11,376	2,463	8,913	..	..	..	..
	2015	13,047	4,627	8,420	..	..	..	..
Swaziland	2012	*622	*350	272	..	..	..	..
	2013	*590	*350	240	..	..	..	..
	2014	567	265	302	..	..	..	..
	2015	*496	*265	231	..	..	..	..
Togo	2012	399	234	165	..	..	..	..
	2013	360	286	74	..	..	..	..
	2014	358	233	125	..	..	..	..
	2015	444	383	61	..	..	..	..
Tunisia	2012	18,059	17,537	110	..	196	3	213
	2013	18,382	17,740	60	..	358	12	212
	2014	19,024	18,254	56	..	507	25	182
	2015	19,676	18,904	69	..	448	41	214
Uganda	2012	2,909	378	2,530	..	..	..	..
	2013	3,416	128	3,289	..	..	..	..
	2014	3,551	307	3,244	..	..	..	..
	2015	3,473	245	3,228	..	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	393	211	182	..	0
..	..	..	..	413	265	148	..	0
..	..	..	..	476	266	205	..	5
..	..	..	..	524	226	284	..	14
..	..	..	..	77	71	6	..	..
..	..	..	..	71	65	6	..	..
..	..	..	..	*67	*60	*7	..	..
..	..	..	..	*70	*62	*7	..	..
1,496	1,496	..	..	1,421	1,421	..	..	..
523	455	..	68	2,730	2,730	..	..	..
546	475	..	71	2,848	2,848	..	..	..
581	506	..	75	3,032	3,032	..	..	..
..	..	..	..	336	336	..	..	..
..	..	..	..	354	347	..	..	7
..	..	..	..	363	355	..	..	8
..	..	..	..	378	369	..	..	9
..	..	..	..	179	61	118	..	..
..	..	..	..	164	59	105	..	..
..	..	..	..	181	63	118	..	..
..	..	..	..	*205	*80	*125	..	..
..	..	..	..	340	340	..	..	..
..	..	..	..	350	350	..	..	..
..	..	..	..	350	350	..	..	..
..	..	..	..	350	350	..	..	..
10,403	10,238	128	37	247,592	231,479	4,083	11,954	76
11,222	11,016	123	83	245,131	226,828	3,917	14,106	280
12,177	10,107	124	1,946	242,591	222,649	3,958	13,794	2,190
16,264	11,939	113	4,212	233,391	217,306	3,607	12,237	241
234	233	..	1	211	210	..	..	1
246	245	..	1	226	225	..	..	1
254	253	..	1	234	233	..	..	1
172	171	..	1	158	157	..	..	1
..	..	..	..	10	9	..	..	1
..	..	..	..	11	10	..	..	1
..	..	..	..	10	9	..	..	1
..	..	..	..	10	8	..	..	2
*74	*74	..	..	9,436	2,817	6,619	..	..
*320	*320	..	..	10,287	1,970	8,317	..	..
0	0	..	..	11,376	2,463	8,913	..	..
0	0	..	..	13,047	4,627	8,420	..	..
*342	*342	..	..	280	8	272	..	..
*342	*342	..	..	248	*8	240	..	..
265	265	..	..	302	0	302	..	..
*265	*265	..	..	231	0	231	..	..
11	11	..	..	388	223	165	..	..
7	7	..	..	353	279	74	..	..
11	11	..	..	347	222	125	..	..
12	12	..	..	432	371	61	..	..
634	418	..	216	17,425	17,119	110	..	196
745	521	..	224	17,637	17,219	60	..	358
767	560	..	207	18,257	17,694	56	..	507
985	730	..	255	18,691	18,174	69	..	448
365	94	271	..	2,543	284	2,259	..	..
477	125	351	..	2,939	2	2,937	..	..
566	214	353	..	2,985	93	2,891	..	..
449	171	278	..	3,024	74	2,950	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
United Rep. of Tanzania	2012	5,589	3,809	1,767	..	..	13	..
	2013	5,941	4,209	1,717	..	..	15	..
	2014	6,219	3,611	2,590	..	..	18	..
	2015	6,295	4,166	2,108	..	..	21	..
Zambia	2012	12,369	19	12,350	..	..	..	..
	2013	13,301	20	13,281	..	..	..	..
	2014	14,455	413	14,042	..	..	..	..
	2015	13,440	405	13,035	..	..	..	..
Zimbabwe	2012	9,149	3,761	5,387	..	..	..	..
	2013	9,499	4,517	4,982	..	..	..	..
	2014	9,812	4,410	5,402	..	..	..	..
	2015	9,522	4,583	4,939	..	..	..	..
America, North	2012	5,367,275	3,522,368	735,660	904,761	158,598	11,259	34,628
	2013	5,404,593	3,485,607	734,650	937,243	194,024	17,683	35,387
	2014	5,444,818	3,492,179	726,685	947,541	215,809	27,188	35,416
	2015	5,439,789	3,477,483	707,555	943,288	232,372	39,284	39,807
Anguilla	2012	90	90	..	..	..	..	..
	2013	89	89	..	..	..	..	..
	2014	90	90	..	..	..	..	..
	2015	94	94	..	..	..	..	..
Antigua and Barbuda	2012	330	330	..	..	..	..	..
	2013	*330	*330	..	..	..	..	..
	2014	*336	*336	..	..	..	..	..
	2015	*340	*340	..	..	..	..	..
Aruba	2012	915	778	..	..	136	..	..
	2013	*928	*790	..	..	*138	..	..
	2014	*917	*778	..	..	*138	..	..
	2015	*932	*793	..	..	*138	..	..
Bahamas	2012	1,900	1,900	..	..	..	..	..
	2013	1,885	1,885	..	..	..	..	..
	2014	1,922	1,922	..	..	..	..	..
	2015	*2,117	*2,117	..	..	..	..	..
Barbados	2012	1,129	1,129	..	..	..	..	..
	2013	1,016	1,016	..	..	..	..	..
	2014	1,021	1,021	..	..	..	..	..
	2015	1,029	1,029	..	..	..	..	..
Belize	2012	*424	*215	*208	..	..	..	..
	2013	*371	*164	*207	..	..	..	..
	2014	*404	*199	*205	..	..	..	..
	2015	*417	*228	*189	..	..	..	..
Bermuda	2012	700	700	..	..	..	..	..
	2013	677	677	..	..	..	..	..
	2014	661	661	..	..	..	..	..
	2015	674	674	..	..	..	..	..
Bonaire, St Eustatius, Saba	2012	114	81	..	..	33	..	..
	2013	116	80	..	..	37	..	..
	2014	120	79	..	..	41	..	..
	2015	127	87	..	..	40	..	..
British Virgin Islands	2012	*131	*130	..	..	*1	0	..
	2013	*131	*130	..	..	*1	0	..
	2014	*134	*132	..	..	*1	*1	..
	2015	*134	*132	..	..	*1	*1	..
Canada	2012	636,762	146,591	380,340	94,862	11,310	881	2,778
	2013	665,356	148,113	391,861	103,439	17,963	1,499	2,481
	2014	668,127	151,331	382,581	107,280	22,538	2,120	2,277
	2015	670,851	154,082	380,717	101,423	26,446	2,895	5,288

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
13	..	..	13	5,576	3,809	1,767	..	..
15	..	..	15	5,926	4,209	1,717	..	..
18	..	..	18	6,201	3,611	2,590	..	..
21	..	..	21	6,274	4,166	2,108	..	..
..	..	..	..	12,369	19	12,350	..	..
..	..	..	..	13,301	20	13,281	..	..
..	..	..	..	14,455	413	14,042	..	..
..	..	..	..	13,440	405	13,035	..	..
186	186	..	..	8,963	3,575	5,387	..	..
184	184	..	..	9,315	4,333	4,982	..	..
29	29	..	..	9,783	4,381	5,402	..	..
54	54	..	..	9,468	4,529	4,939	..	..
289,836	241,155	36,382	12,299	5,077,439	3,281,214	699,278	904,761	192,186
289,270	238,394	36,731	14,146	5,115,322	3,247,213	697,919	937,243	232,948
293,023	241,970	34,505	16,548	5,151,796	3,250,209	692,180	947,541	261,866
309,794	250,695	35,116	23,983	5,129,995	3,226,788	672,440	943,288	287,480
..	..	..	..	90	90	..	..	..
..	..	..	..	89	89	..	..	..
..	..	..	..	90	90	..	..	..
..	..	..	..	94	94	..	..	..
*1	*1	..	..	329	329	..	..	..
*1	*1	..	..	*329	*329	..	..	..
*1	*1	..	..	*335	*335	..	..	..
*1	*1	..	..	*339	*339	..	..	..
..	..	..	..	915	778	..	..	136
..	..	..	..	*928	*790	..	..	*138
..	..	..	..	*917	*778	..	..	*138
..	..	..	..	*932	*793	..	..	*138
*73	*73	..	..	1,827	1,827	..	..	..
*74	*74	..	..	1,811	1,811	..	..	..
*74	*74	..	..	1,848	1,848	..	..	..
*76	*76	..	..	*2,041	*2,041	..	..	..
*4	*4	..	..	1,125	1,125	..	..	..
*3	*3	..	..	1,013	1,013	..	..	..
*14	*14	..	..	1,007	1,007	..	..	..
17	17	..	..	1,012	1,012	..	..	..
72	72	..	..	*352	*143	*208	..	..
63	63	..	..	*308	*101	*207	..	..
69	69	..	..	*335	*130	*205	..	..
71	71	..	..	*346	*157	*189	..	..
*12	*12	..	..	688	688	..	..	..
*12	*12	..	..	665	665	..	..	..
*12	*12	..	..	649	649	..	..	..
*12	*12	..	..	662	662	..	..	..
..	..	..	..	114	81	..	..	33
..	..	..	..	116	80	..	..	37
..	..	..	..	120	79	..	..	41
..	..	..	..	127	87	..	..	40
..	..	..	..	*131	*130	..	..	*1
..	..	..	..	*131	*130	..	..	*1
..	..	..	..	*134	*132	..	..	*2
..	..	..	..	*134	*132	..	..	*2
60,210	28,172	32,034	4	576,552	118,419	348,306	94,862	14,965
60,949	29,685	31,246	18	604,407	118,428	360,615	103,439	21,925
65,895	34,714	31,053	128	602,232	116,617	351,528	107,280	26,807
71,098	39,659	31,053	386	599,753	114,423	349,664	101,423	34,243

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Cayman Islands	2012	607	607	..	..	..	..	..
	2013	615	615	..	..	..	..	..
	2014	621	621	..	..	..	..	..
	2015	640	640	..	..	..	..	..
Costa Rica	2012	10,174	1,009	7,233	..	528	1	1,403
	2013	10,234	1,379	6,851	..	485	2	1,517
	2014	10,216	1,224	6,717	..	735	2	1,538
	2015	10,812	287	8,067	..	1,080	3	1,376
Cuba	2012	18,432	18,321	111	..	..	..	..
	2013	19,140	19,012	127	..	..	..	..
	2014	19,366	19,262	104	..	..	..	..
	2015	20,288	20,240	48	..	..	..	..
Curaçao	2012	917	885	..	..	32	..	..
	2013	904	872	..	..	32	..	..
	2014	891	859	..	..	32	..	..
	2015	862	830	..	..	32	..	..
Dominica	2012	150	116	33	..	..	..	..
	2013	144	107	37	..	..	..	..
	2014	147	117	31	..	..	..	..
	2015	151	127	24	..	..	..	..
Dominican Republic	2012	17,224	15,335	1,784	..	96	1	7
	2013	18,406	16,274	1,875	..	243	6	8
	2014	17,692	16,153	1,271	..	243	14	11
	2015	18,505	17,227	945	..	290	28	15
El Salvador	2012	6,237	2,855	1,847	..	..	..	1,535
	2013	6,272	2,922	1,790	..	..	..	1,560
	2014	6,223	2,947	1,718	..	..	..	1,558
	2015	5,989	3,096	1,353	..	..	..	1,540
Greenland	2012	459	115	345	..	..	..	..
	2013	473	95	378	..	..	..	..
	2014	488	92	396	..	..	..	..
	2015	520	97	423	..	..	..	..
Grenada	2012	200	200	..	..	..	..	..
	2013	197	197	..	..	..	..	..
	2014	200	200	..	..	..	..	..
	2015	207	207	..	..	..	..	..
Guadeloupe	2012	1,726	1,519	14	..	51	92	51
	2013	1,729	1,474	19	..	57	99	81
	2014	1,734	1,475	27	..	54	103	75
	2015	1,781	1,523	21	..	52	102	83
Guatemala	2012	9,335	4,631	4,459	..	..	..	246
	2013	10,024	5,152	4,660	..	..	..	212
	2014	10,638	5,531	4,853	..	..	7	247
	2015	10,302	5,162	4,632	..	107	149	252
Haiti	2012	1,100	879	221	..	..	..	..
	2013	1,055	914	141	..	..	..	..
	2014	1,033	943	90	..	..	..	..
	2015	1,038	955	83	..	..	..	..
Honduras	2012	7,740	4,615	2,787	..	338	..	..
	2013	8,074	5,025	2,739	..	310	..	..
	2014	8,038	5,038	2,602	..	398	..	..
	2015	8,965	5,960	2,340	..	665	..	..
Jamaica	2012	4,156	3,898	151	..	108	..	..
	2013	4,256	4,017	124	..	115	..	..
	2014	4,123	3,869	135	..	119	..	..
	2015	4,291	3,868	136	..	250	37	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	607	607	..	..	..
..	..	..	..	615	615	..	..	..
..	..	..	..	621	621	..	..	..
..	..	..	..	640	640	..	..	..
2,186	179	1,357	651	7,988	830	5,877	..	1,281
2,157	183	1,361	613	8,077	1,196	5,490	..	1,391
2,359	181	1,338	840	7,858	1,043	5,379	..	1,436
3,014	179	1,810	1,024	7,797	108	6,256	..	1,433
836	836	..	..	17,596	17,485	111	..	..
877	877	..	..	18,263	18,135	127	..	..
838	838	..	..	18,529	18,424	104	..	..
898	898	..	..	19,390	19,342	48	..	..
486	486	..	..	431	399	..	..	32
479	479	..	..	425	393	..	..	32
472	472	..	..	419	387	..	..	32
457	457	..	..	405	373	..	..	32
41	41	..	..	108	75	33	..	..
*43	*43	..	..	101	64	37	..	..
*45	*45	..	..	102	72	31	..	..
*44	*44	..	..	107	83	24	..	..
2,448	2,439	2	8	14,775	12,897	1,783	..	96
3,127	3,110	3	14	15,279	13,164	1,872	..	243
2,700	2,671	4	25	14,992	13,482	1,267	..	243
2,722	2,674	5	43	15,783	14,553	940	..	290
696	696	..	..	5,541	2,159	1,847	..	1,535
660	660	..	..	5,612	2,262	1,790	..	1,560
654	654	..	..	5,569	2,293	1,718	..	1,558
705	705	..	..	5,284	2,391	1,353	..	1,540
..	..	..	..	459	115	345	..	..
..	..	..	..	473	95	378	..	..
..	..	..	..	488	92	396	..	..
..	..	..	..	520	97	423	..	..
..	..	..	..	200	200	..	..	..
..	..	..	..	197	197	..	..	..
..	..	..	..	200	200	..	..	..
..	..	..	..	207	207	..	..	..
62	62	..	..	1,664	1,457	14	..	193
46	46	..	..	1,684	1,428	19	..	237
61	61	..	..	1,673	1,414	27	..	233
56	56	..	..	1,724	1,467	21	..	236
634	611	23	..	8,702	4,020	4,436	..	246
855	827	28	..	9,170	4,326	4,632	..	212
856	827	28	..	9,782	4,703	4,825	..	254
856	827	28	..	9,446	4,335	4,604	..	508
48	48	..	..	1,052	831	221	..	..
50	50	..	..	1,005	864	141	..	..
90	90	..	..	943	853	90	..	..
207	207	..	..	831	748	83	..	..
509	509	..	..	7,231	4,106	2,787	..	338
531	531	..	..	7,543	4,494	2,739	..	310
351	351	..	..	7,687	4,687	2,602	..	398
478	478	..	..	8,487	5,482	2,340	..	665
1,542	1,434	..	108	2,615	2,464	151	..	..
1,914	1,799	..	115	2,343	2,218	124	..	..
1,661	1,542	..	119	2,462	2,327	135	..	..
1,855	1,704	..	151	2,436	2,164	136	..	136

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Martinique	2012	*1,780	*1,736	..	..	*2	*43	..
	2013	*1,764	*1,719	..	..	*2	*44	..
	2014	*1,764	*1,719	..	..	*2	*44	..
	2015	*1,778	*1,730	..	..	*2	*46	..
Mexico	2012	307,228	257,001	31,883	8,770	3,688	69	5,817
	2013	297,326	247,163	28,002	11,800	4,185	106	6,070
	2014	301,496	240,279	38,893	9,677	6,426	221	6,000
	2015	311,138	253,424	30,815	11,577	8,745	246	6,331
Montserrat	2012	*23	*23	..	..	..	..	..
	2013	*23	*23	..	..	..	..	..
	2014	24	24	..	..	..	..	..
	2015	*24	*24	..	..	..	..	..
Nicaragua	2012	4,031	2,759	419	..	330	..	523
	2013	4,166	2,469	456	..	562	..	679
	2014	4,446	2,543	395	..	846	..	662
	2015	4,579	2,741	295	..	865	..	678
Panama	2012	8,606	3,218	5,388	..	..	..	..
	2013	8,962	3,808	5,154	..	..	..	..
	2014	9,287	4,136	5,034	..	116	1	..
	2015	10,295	3,604	6,257	..	419	16	..
Puerto Rico	2012	22,587	22,429	125	..	15	18	..
	2013	21,812	21,509	91	..	173	40	..
	2014	21,316	20,969	81	..	218	48	..
	2015	21,160	20,771	56	..	239	94	..
Sint Maarten (Dutch part)	2012	*402	*402	..	..	..	..	..
	2013	410	410	..	..	..	..	..
	2014	*418	*418	..	..	..	..	..
	2015	*433	*433	..	..	..	..	..
St. Kitts-Nevis	2012	218	210	..	..	8	0	..
	2013	*220	*211	..	..	*8	*1	..
	2014	*221	*211	..	..	*8	*2	..
	2015	*225	*215	..	..	*8	*2	..
St. Lucia	2012	385	385	..	..	..	..	..
	2013	383	383	..	..	..	..	..
	2014	379	379	..	..	..	..	..
	2015	381	381	..	..	..	..	..
St. Pierre-Miquelon	2012	43	43	..	..	1	..	..
	2013	47	46	..	..	*1	..	..
	2014	48	47	..	..	*1	..	..
	2015	49	49	..	..	*1	..	..
St. Vincent-Grenadines	2012	*139	*114	25	..	..	..	..
	2013	*139	*114	25	..	..	..	..
	2014	*157	*132	25	..	..	..	..
	2015	*166	*140	26	..	..	..	..
Trinidad and Tobago	2012	9,132	9,132	..	..	..	..	..
	2013	9,505	9,505	..	..	..	..	..
	2014	9,895	9,895	..	..	..	..	..
	2015	10,300	10,300	..	..	..	..	..
Turks and Caicos Islands	2012	*210	*210	..	..	..	..	..
	2013	*209	*209	..	..	..	..	..
	2014	*227	*227	..	..	..	..	..
	2015	*239	*239	..	..	..	..	..
United States	2012	4,290,660	3,016,908	298,287	801,129	141,922	10,145	22,269
	2013	4,306,371	2,985,891	290,113	822,004	169,713	15,872	22,778
	2014	4,339,210	2,995,556	281,527	830,584	183,892	24,603	23,048
	2015	4,317,159	2,962,870	271,129	830,288	192,992	35,635	24,245

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
*30	*30	..	..	*1,750	*1,706	..	..	*45
*30	*30	..	..	*1,734	*1,689	..	..	*46
*30	*30	..	..	*1,734	*1,689	..	..	*46
*30	*30	..	..	*1,748	*1,700	..	..	*48
44,987	42,410	566	2,011	262,241	214,591	31,317	8,770	7,563
38,505	35,483	558	2,464	258,821	211,680	27,444	11,800	7,897
43,238	37,933	748	4,557	258,258	202,346	38,145	9,677	8,090
48,434	41,039	764	6,631	262,704	212,385	30,051	11,577	8,691
..	..	..	..	*23	*23	..	..	..
..	..	..	..	*23	*23	..	..	..
..	..	..	..	24	24	..	..	..
..	..	..	..	*24	*24	..	..	..
502	501	1	..	3,529	2,258	418	..	853
535	534	1	..	3,631	1,935	455	..	1,241
545	544	1	..	3,901	1,999	394	..	1,508
509	508	1	..	4,070	2,233	294	..	1,543
26	26	..	..	8,580	3,192	5,388	..	..
33	33	..	..	8,929	3,775	5,154	..	..
31	31	..	..	9,256	4,105	5,034	..	118
34	34	..	..	10,262	3,570	6,257	..	435
*250	*250	..	..	22,337	22,179	125	..	33
*250	*250	..	..	21,562	21,259	91	..	213
*250	*250	..	..	21,066	20,719	81	..	266
*250	*250	..	..	20,910	20,521	56	..	333
..	..	..	..	*402	*402	..	..	..
..	..	..	..	410	410	..	..	..
..	..	..	..	*418	*418	..	..	..
..	..	..	..	*433	*433	..	..	..
1	1	..	..	217	209	..	..	8
*1	*1	..	..	*219	*210	..	..	*9
*1	*1	..	..	*220	*210	..	..	*10
*1	*1	..	..	*224	*214	..	..	*10
..	..	..	..	385	385	..	..	..
..	..	..	..	383	383	..	..	..
..	..	..	..	379	379	..	..	..
..	..	..	..	381	381	..	..	..
..	..	..	..	43	43	..	..	1
..	..	..	..	47	46	..	..	*1
..	..	..	..	48	47	..	..	*1
..	..	..	..	49	49	..	..	*1
..	..	..	..	*139	*114	25	..	..
..	..	..	..	*139	*114	25	..	..
..	..	..	..	*157	*132	25	..	..
..	..	..	..	*166	*140	26	..	..
75	75	..	..	9,057	9,057	..	..	..
78	78	..	..	9,427	9,427	..	..	..
82	82	..	..	9,813	9,813	..	..	..
85	85	..	..	10,215	10,215	..	..	..
..	..	..	..	*210	*210	..	..	..
..	..	..	..	*209	*209	..	..	..
..	..	..	..	*227	*227	..	..	..
..	..	..	..	*239	*239	..	..	..
174,097	162,188	2,400	9,509	4,116,563	2,854,720	295,887	801,129	164,827
177,985	163,542	3,534	10,909	4,128,386	2,822,349	286,579	822,004	197,454
172,680	160,485	1,332	10,863	4,166,530	2,835,071	280,195	830,584	220,680
177,864	160,682	1,454	15,728	4,139,295	2,802,188	269,675	830,288	237,144

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
United States Virgin Is.	2012	881	872	..	..	..	*9	..
	2013	834	820	..	..	..	*14	..
	2014	*788	*766	..	..	..	*22	..
	2015	*797	*766	..	..	..	*31	..
America, South	2012	1,092,636	365,304	698,766	22,433	6,010	123	0
	2013	1,129,889	421,275	678,657	21,657	7,859	278	164
	2014	1,149,317	439,669	672,021	21,134	15,413	789	291
	2015	1,143,471	446,349	646,359	21,873	27,176	1,714	..
Argentina	2012	135,207	98,719	29,716	6,395	369	8	..
	2013	140,863	100,758	33,422	6,207	461	15	..
	2014	138,576	90,850	41,335	5,756	619	16	..
	2015	145,447	99,165	38,529	7,139	599	15	..
Bolivia (Plur. State of)	2012	7,661	5,306	2,352	..	..	3	..
	2013	8,065	5,526	2,535	..	1	3	..
	2014	8,755	6,490	2,251	..	8	6	..
	2015	8,528	6,042	2,463	..	12	11	..
Brazil	2012	552,498	116,068	415,342	16,038	5,050	..	..
	2013	570,838	157,810	390,992	15,450	6,579	7	..
	2014	590,542	189,498	373,439	15,378	12,211	16	..
	2015	581,228	185,066	359,743	14,734	21,626	59	..
Chile	2012	69,751	49,184	20,158	..	409	0	0
	2013	73,065	52,602	19,737	..	554	8	164
	2014	71,566	46,253	23,099	..	1,443	480	291
	2015	75,387	48,130	23,881	..	2,115	1,261	..
Colombia	2012	68,344	20,689	47,600	..	55	..	..
	2013	70,858	26,423	44,377	..	58	..	..
	2014	70,059	25,149	44,852	..	58	..	..
	2015	67,527	22,648	44,821	..	58	..	..
Ecuador	2012	22,848	10,608	12,238	..	2	0	..
	2013	23,774	12,161	11,553	..	57	4	..
	2014	24,307	12,753	11,458	..	80	16	..
	2015	25,950	12,719	13,096	..	99	36	..
Falkland Is. (Malvinas)	2012	*18	*12	..	..	*6	..	..
	2013	*18	*12	..	..	*6	..	..
	2014	*18	*12	..	..	*6	..	..
	2015	*18	*12	..	..	*6	..	..
French Guiana	2012	874	266	556	..	..	52	..
	2013	883	349	490	..	..	44	..
	2014	911	359	500	..	..	52	..
	2015	923	377	493	..	..	53	..
Guyana	2012	942	942	..	..	..	..	..
	2013	962	962	..	..	..	..	..
	2014	979	979	..	..	..	..	..
	2015	1,039	1,039	..	..	..	..	..
Paraguay	2012	60,235	3	60,232	..	..	..	..
	2013	60,381	3	60,378	..	..	..	..
	2014	55,282	6	55,276	..	..	..	..
	2015	55,744	1	55,743	..	..	..	..
Peru	2012	40,044	17,951	22,032	..	1	60	..
	2013	43,330	20,812	22,320	..	1	197	..
	2014	45,508	22,882	22,171	..	256	199	..
	2015	48,277	23,729	23,722	..	596	230	..
Suriname	2012	1,961	849	1,112	..	..	..	..
	2013	2,035	932	1,103	..	..	..	..
	2014	2,073	1,276	797	..	..	..	..
	2015	2,079	1,378	702	..	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers					
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other	
*8	0	*8	873	872	*1
*13	0	*13	821	820	*1
*16	0	*16	*772	*766	*6
*20	0	*20	*777	*766	*11
113,548	90,526	22,996	26	979,088	274,778	675,770	22,433	6,107	
121,633	96,974	24,629	30	1,008,257	324,301	654,028	21,657	8,271	
128,871	104,527	24,302	42	1,020,446	335,142	647,719	21,134	16,451	
131,603	108,251	23,283	69	1,011,868	338,098	623,076	21,873	28,821	
15,229	15,171	58	..	119,978	83,548	29,658	6,395	377	
14,716	14,663	53	..	126,147	86,095	33,369	6,207	476	
14,216	14,179	37	..	124,360	76,671	41,298	5,756	635	
13,770	13,734	36	..	131,677	85,431	38,493	7,139	614	
123	120	..	3	7,538	5,186	2,352	..	..
59	56	..	3	8,006	5,470	2,535	..	1	
192	186	..	6	8,563	6,304	2,251	..	8	
201	190	..	11	8,327	5,852	2,463	..	12	
78,029	57,566	20,463	..	474,469	58,502	394,879	16,038	5,050	
86,163	64,105	22,053	5	484,675	93,705	368,939	15,450	6,581	
94,032	71,933	22,088	11	496,510	117,565	351,351	15,378	12,216	
96,306	75,190	21,070	46	484,922	109,876	338,673	14,734	21,639	
5,778	5,577	179	22	63,973	43,607	19,979	..	387	
6,422	6,228	175	19	66,643	46,374	19,562	..	707	
5,912	5,734	159	19	65,654	40,519	22,940	..	2,195	
6,221	6,174	44	3	69,166	41,956	23,837	..	3,373	
3,790	3,658	132	..	64,554	17,031	47,468	..	55	
3,464	3,343	121	..	67,394	23,080	44,256	..	58	
3,743	3,604	139	..	66,316	21,545	44,713	..	58	
*3,743	*3,604	*139	..	63,784	19,044	44,682	..	58	
3,866	3,356	511	..	18,982	7,252	11,727	..	3	
3,891	3,378	514	..	19,883	8,783	11,039	..	60	
3,831	3,308	522	..	20,476	9,445	10,935	..	96	
4,194	3,496	697	..	21,756	9,223	12,399	..	135	
*2	*2	..	..	*16	*10	..	..	*6
*2	*2	..	..	*16	*10	..	..	*6
*2	*2	..	..	*16	*10	..	..	*6
*2	*2	..	..	*16	*10	..	..	*6
..	..	..	..	874	266	556	..	52
..	..	..	..	883	349	490	..	44
..	..	..	..	911	359	500	..	52
..	..	..	..	923	377	493	..	53
285	285	..	..	658	658	..	..	..
302	302	..	..	660	660	..	..	..
202	202	..	..	778	778	..	..	..
290	290	..	..	749	749	..	..	..
..	..	..	..	60,235	3	60,232	..	..
..	..	..	..	60,381	3	60,378	..	..
..	..	..	..	55,282	6	55,276	..	..
..	..	..	..	55,744	1	55,743	..	..
2,675	2,134	541	..	37,369	15,817	21,491	..	61	
2,666	2,055	610	..	40,665	18,757	21,709	..	198	
2,664	2,104	560	..	42,844	20,778	21,611	..	455	
2,558	1,963	595	..	45,719	21,766	23,127	..	826	
1,446	334	1,112	..	515	515	..	..	..
1,483	380	1,103	..	552	552	..	..	..
1,322	525	797	..	751	751	..	..	..
1,322	620	702	..	757	757	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Uruguay	2012	10,601	5,062	5,421	..	118	..	..
	2013	11,658	3,309	8,206	..	143	..	..
	2014	13,008	2,623	9,649	..	733	3	..
	2015	13,734	3,352	8,268	..	2,065	49	..
Venezuela (Bolivar. Rep.)	2012	121,653	39,645	82,008	..	..	..	..
	2013	123,160	39,615	83,545	..	..	..	..
	2014	127,732	40,538	87,194	..	..	..	..
	2015	117,590	42,691	74,899	..	..	..	..
Asia	2012	10,310,482	8,365,137	1,400,038	345,675	137,834	8,837	52,962
	2013	11,033,840	8,937,649	1,500,159	347,375	191,139	27,158	30,361
	2014	11,509,323	9,223,018	1,614,432	380,177	201,276	50,596	39,824
	2015	11,840,982	9,358,591	1,693,092	429,177	239,303	90,893	29,926
Afghanistan	2012	1,022	144	878	..	..	..	..
	2013	*1,022	*218	*804	..	..	..	..
	2014	*1,049	*154	*895	..	..	..	..
	2015	*1,034	*144	*890	..	..	..	..
Armenia	2012	8,036	3,399	2,311	2,322	4	..	..
	2013	7,710	3,173	2,173	2,360	4	..	..
	2014	7,750	3,289	1,992	2,465	4	..	..
	2015	7,799	2,801	2,206	2,788	3	1	..
Azerbaijan	2012	22,988	21,167	1,821	..	..	..	..
	2013	23,354	21,863	1,489	..	1	1	..
	2014	24,728	23,423	1,300	..	2	3	..
	2015	24,688	23,041	1,637	..	5	5	..
Bahrain	2012	24,770	24,770	..	..	..	..	..
	2013	25,909	25,909	..	..	..	..	..
	2014	27,253	27,253	..	..	..	..	..
	2015	29,987	29,987	..	..	..	..	..
Bangladesh	2012	48,562	47,785	777	..	..	..	..
	2013	53,120	52,086	894	..	4	136	..
	2014	55,845	55,108	588	..	4	145	..
	2015	59,011	58,287	566	..	4	154	..
Bhutan	2012	6,827	0	6,827	..	..	..	..
	2013	7,640	1	7,640	..	..	..	..
	2014	7,004	1	7,003	..	..	..	..
	2015	7,748	1	7,747	..	..	..	..
Brunei Darussalam	2012	3,930	3,928	..	..	..	2	..
	2013	4,402	4,400	..	..	..	2	..
	2014	4,506	4,504	..	..	..	2	..
	2015	4,200	4,198	..	..	..	2	..
Cambodia	2012	1,434	914	517	..	..	3	..
	2013	1,778	759	1,016	..	..	3	..
	2014	3,062	1,207	1,852	..	..	3	..
	2015	4,397	2,394	2,000	..	..	3	..
China	2012	4,987,553	3,892,814	872,107	97,394	95,978	..	29,260
	2013	5,431,637	4,247,009	920,291	111,613	141,197	5,564	5,963
	2014	5,649,583	4,268,649	1,064,337	132,538	156,078	15,189	12,792
	2015	5,814,573	4,284,188	1,130,270	170,789	185,766	38,776	4,784
China, Hong Kong SAR	2012	38,752	38,752	..	..	..	..	..
	2013	39,063	39,063	..	..	..	..	..
	2014	39,803	39,803	..	..	..	..	..
	2015	37,924	37,924	..	..	..	..	..
China, Macao SAR	2012	561	561	..	..	..	..	..
	2013	413	413	..	..	..	..	..
	2014	641	641	..	..	..	..	..
	2015	962	962	..	..	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
867	865	..	1	9,734	4,197	5,421	..	117
928	925	..	3	10,730	2,384	8,206	..	140
1,280	1,274	..	6	11,728	1,349	9,649	..	730
1,604	1,594	..	9	12,130	1,757	8,268	..	2,105
1,459	1,459	..	..	120,194	38,186	82,008	..	..
1,537	1,537	..	..	121,623	38,078	83,545	..	..
1,476	1,476	..	..	126,256	39,062	87,194	..	..
1,393	1,393	..	..	116,197	41,298	74,899	..	..
936,917	903,600	20,900	12,417	9,373,565	7,461,537	1,379,138	345,675	187,216
1,077,417	1,031,965	22,335	23,116	9,956,423	7,905,683	1,477,824	347,375	225,542
1,098,661	1,041,904	22,404	34,352	10,410,663	8,181,114	1,592,028	380,177	257,344
1,255,831	1,180,435	26,531	48,866	10,585,151	8,178,156	1,666,562	429,177	311,256
301	5	296	..	721	139	582	..	..
*276	*5	*271	..	*746	*213	*533	..	..
*307	*5	*302	..	*742	*149	*593	..	..
*305	*5	*300	..	*729	*139	*590	..	..
..	..	..	..	8,036	3,399	2,311	2,322	4
..	..	..	..	7,710	3,173	2,173	2,360	4
..	..	..	..	7,750	3,289	1,992	2,465	4
..	..	..	..	7,799	2,801	2,206	2,788	4
1,630	1,630	..	..	21,358	19,537	1,821	..	..
1,800	1,798	..	2	21,554	20,065	1,489	..	..
2,027	2,022	..	5	22,701	21,401	1,300	..	..
2,147	2,137	..	10	22,541	20,904	1,637	..	..
10,510	10,510	..	..	14,260	14,260	..	..	..
11,166	11,166	..	..	14,743	14,743	..	..	..
10,989	10,989	..	..	16,264	16,264	..	..	..
11,269	11,269	..	..	18,718	18,718	..	..	..
13,208	13,208	..	..	35,354	34,577	777	..	..
14,363	14,363	..	..	38,757	37,723	894	..	140
15,418	15,418	..	..	40,427	39,690	588	..	149
16,109	16,109	..	..	42,902	42,178	566	..	158
..	..	..	..	6,827	0	6,827	..	..
..	..	..	..	7,640	1	7,640	..	..
..	..	..	..	7,004	1	7,003	..	..
..	..	..	..	7,748	1	7,747	..	..
406	406	..	..	3,524	3,522	..	..	2
460	460	..	..	3,942	3,940	..	..	2
496	496	..	..	4,010	4,008	..	..	2
462	462	..	..	3,738	3,736	..	..	2
..	..	..	..	1,434	914	517	..	3
..	..	..	..	1,778	759	1,016	..	3
..	..	..	..	3,062	1,207	1,852	..	3
..	..	..	..	4,397	2,394	2,000	..	3
315,707	315,707	..	..	4,671,846	3,577,107	872,107	97,394	125,238
344,432	344,432	..	..	5,087,205	3,902,577	920,291	111,613	152,724
346,187	346,187	..	..	5,303,396	3,922,462	1,064,337	132,538	184,059
347,448	347,448	..	..	5,467,125	3,936,740	1,130,270	170,789	229,326
..	..	..	..	38,752	38,752	..	..	..
..	..	..	..	39,063	39,063	..	..	..
..	..	..	..	39,803	39,803	..	..	..
..	..	..	..	37,924	37,924	..	..	..
169	169	..	..	392	392	..	..	..
186	186	..	..	227	227	..	..	..
206	206	..	..	435	435	..	..	..
209	209	..	..	753	753	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Cyprus	2012	4,717	4,510	..	..	185	22	..
	2013	4,290	4,012	..	..	231	47	..
	2014	4,350	4,084	..	..	182	84	..
	2015	4,533	4,186	..	..	221	126	..
Georgia	2012	9,698	2,477	7,221	..	..	..	..
	2013	10,059	1,788	8,271	..	..	..	..
	2014	10,370	2,036	8,334	..	..	..	..
	2015	10,833	2,379	8,454	..	..	..	..
India	2012	1,035,264	860,173	113,855	32,871	28,365	..	..
	2013	1,193,480	980,599	141,637	34,228	33,583	3,433	..
	2014	1,308,873	1,111,341	129,353	36,102	27,057	5,020	..
	2015	1,354,382	1,158,338	121,546	37,414	30,045	7,039	..
Indonesia	2012	196,181	173,957	12,799	..	5	3	9,417
	2013	216,186	189,835	16,930	..	1	6	9,414
	2014	220,794	191,991	18,800	..	..	7	9,996
	2015	263,088	240,698	17,595	..	..	5	4,790
Iran (Islamic Rep. of)	2012	254,276	239,752	12,447	1,847	207	0	23
	2013	262,434	242,909	14,582	4,546	376	0	21
	2014	274,437	255,870	13,862	4,472	186	0	47
	2015	280,633	263,393	14,090	2,914	221	1	14
Iraq	2012	46,018	41,626	4,392	..	..	..	..
	2013	58,422	53,665	4,757	..	..	..	..
	2014	67,768	64,837	2,931	..	..	..	..
	2015	*68,688	*66,116	*2,572	..	..	..	..
Israel	2012	63,003	62,595	33	..	6	369	0
	2013	61,322	60,794	28	..	6	494	0
	2014	60,813	59,954	13	..	6	840	..
	2015	64,226	63,080	24	..	7	1,115	..
Japan	2012	1,064,791	950,913	83,645	15,939	4,722	6,963	2,609
	2013	1,066,388	951,001	84,923	9,303	4,286	14,279	2,596
	2014	1,059,369	940,306	86,942	0	5,038	24,506	2,577
	2015	1,041,343	897,036	91,270	9,437	5,160	35,858	2,582
Jordan	2012	16,596	16,532	61	..	3	..	..
	2013	17,263	17,205	55	..	3	..	..
	2014	18,270	18,210	58	..	2	..	..
	2015	19,012	18,834	53	..	123	2	..
Kazakhstan	2012	92,817	85,177	7,637	..	3	..	..
	2013	103,086	95,349	7,731	..	5	1	..
	2014	105,068	96,791	8,263	..	13	1	..
	2015	106,422	97,020	9,269	..	132	1	..
Korea, Dem.Ppl's.Rep.	2012	19,236	5,736	13,500	..	..	..	..
	2013	18,332	4,432	13,900	..	..	..	..
	2014	17,909	4,909	13,000	..	..	..	..
	2015	13,737	3,737	10,000	..	..	..	..
Korea, Republic of	2012	534,618	374,116	7,652	150,327	917	1,103	503
	2013	541,996	390,858	8,394	138,784	1,149	1,605	1,206
	2014	550,934	381,511	7,820	156,407	1,146	2,557	1,493
	2015	552,876	375,110	5,796	164,762	1,201	3,880	2,127
Kuwait	2012	62,655	62,655	..	..	..	..	..
	2013	60,982	60,982	..	..	..	..	..
	2014	65,140	65,140	..	..	..	..	..
	2015	67,918	67,918	..	..	..	..	..
Kyrgyzstan	2012	15,168	989	14,179	..	..	..	..
	2013	14,011	914	13,097	..	..	..	..
	2014	14,572	1,274	13,298	..	..	..	..
	2015	13,030	1,930	11,100	..	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
60	58	..	2	4,657	4,452	..	..	205
60	58	..	2	4,230	3,954	..	..	276
78	58	..	20	4,272	4,026	..	..	246
86	44	..	42	4,447	4,142	..	..	305
..	..	..	..	9,698	2,477	7,221	..	..
..	..	..	..	10,059	1,788	8,271	..	..
..	..	..	..	10,370	2,036	8,334	..	..
..	..	..	..	10,833	2,379	8,454	..	..
*128,401	*128,172	*229	..	906,863	732,001	113,626	32,871	28,365
190,737	188,122	129	2,486	1,002,743	792,477	141,508	34,228	34,530
*162,057	*159,837	*109	*2,111	1,146,816	951,504	129,244	36,102	29,966
*218,948	*215,325	*169	*3,454	1,135,434	943,013	121,377	37,414	33,630
40,566	38,287	2,274	5	155,615	135,670	10,525	..	9,420
47,150	43,233	3,916	1	169,036	146,602	13,014	..	9,420
45,497	41,513	3,984	..	175,297	150,478	14,816	..	10,003
106,061	98,471	7,590	..	157,027	142,227	10,005	..	4,796
10,740	10,740	..	..	243,536	229,012	12,447	1,847	230
6,549	6,549	..	..	255,885	236,360	14,582	4,546	397
6,270	6,270	..	..	268,167	249,600	13,862	4,472	233
6,440	6,440	..	..	274,193	256,953	14,090	2,914	236
..	..	..	..	46,018	41,626	4,392	..	..
..	..	..	..	58,422	53,665	4,757	..	..
..	..	..	..	67,768	64,837	2,931	..	..
..	..	..	..	*68,688	*66,116	*2,572	..	..
1,515	1,142	4	369	61,488	61,453	29	..	6
2,296	1,797	5	494	59,026	58,997	23	..	6
3,335	2,490	5	840	57,478	57,464	8	..	6
3,743	2,619	9	1,115	60,483	60,461	15	..	7
163,002	135,020	16,285	11,697	901,789	815,893	67,360	15,939	2,597
167,907	132,992	16,322	18,593	898,481	818,009	68,601	9,303	2,568
195,866	149,600	16,687	29,579	863,503	790,706	70,255	0	2,542
208,371	150,852	16,469	41,050	832,972	746,184	74,801	9,437	2,550
241	241	..	..	16,355	16,291	61	..	3
286	286	..	..	16,977	16,919	55	..	3
383	383	..	..	17,887	17,827	58	..	2
471	471	..	..	18,540	18,363	53	..	125
..	..	..	..	92,817	85,177	7,637	..	3
1	..	..	1	103,085	95,349	7,731	..	5
1	..	..	1	105,067	96,791	8,263	..	13
1	..	..	1	106,421	97,020	9,269	..	132
..	..	..	..	19,236	5,736	13,500	..	..
..	..	..	..	18,332	4,432	13,900	..	..
..	..	..	..	17,909	4,909	13,000	..	..
..	..	..	..	13,737	3,737	10,000	..	..
30,958	30,637	..	321	503,660	343,479	7,652	150,327	2,202
28,163	27,712	..	451	513,833	363,146	8,394	138,784	3,509
32,972	32,467	..	505	517,962	349,044	7,820	156,407	4,691
29,862	29,219	..	643	523,014	345,891	5,796	164,762	6,565
..	..	..	..	62,655	62,655	..	..	..
..	..	..	..	60,982	60,982	..	..	..
..	..	..	..	65,140	65,140	..	..	..
..	..	..	..	67,918	67,918	..	..	..
..	..	..	..	15,168	989	14,179	..	..
7	7	..	..	14,004	907	13,097	..	..
20	20	..	..	14,552	1,254	13,298	..	..
24	24	..	..	13,006	1,906	11,100	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Lao People's Dem. Rep.	2012	12,760	..	12,760	..	..	..	..
	2013	15,512	5	15,506	..	..	..	..
	2014	15,639	5	15,633	..	..	..	..
	2015	16,501	2,249	14,252	..	..	..	..
Lebanon	2012	14,826	13,819	1,007	..	..	..	..
	2013	17,487	16,218	1,269	..	..	..	..
	2014	17,952	17,759	193	..	..	..	..
	2015	18,396	17,917	479	..	..	..	..
Malaysia	2012	134,421	125,319	9,054	..	..	48	..
	2013	138,331	127,604	10,586	..	..	141	..
	2014	147,461	133,846	13,388	..	..	227	..
	2015	150,123	135,175	13,924	..	..	273	751
Maldives	2012	299	297	..	..	..	2	..
	2013	304	303	..	..	..	1	..
	2014	329	327	..	..	..	2	..
	2015	391	386	..	..	..	5	..
Mongolia	2012	4,816	4,816	..	..	..	..	..
	2013	5,020	5,020	..	..	..	..	..
	2014	5,376	5,376	..	..	..	..	..
	2015	5,513	5,513	..	..	..	..	..
Myanmar	2012	10,965	3,199	7,766	..	..	..	..
	2013	12,247	3,424	8,823	..	..	..	..
	2014	14,156	5,327	8,829	..	..	..	..
	2015	15,970	6,463	9,507	..	..	..	..
Nepal	2012	3,543	10	3,533	..	..	..	..
	2013	3,130	10	3,120	..	..	..	..
	2014	3,508	10	3,498	..	..	..	..
	2015	3,503	..	3,496	..	6	1	..
Oman	2012	25,017	25,017	..	..	..	..	..
	2013	26,240	26,240	..	..	..	..	..
	2014	29,128	29,128	..	..	..	..	..
	2015	32,758	32,758	..	..	..	..	..
Other Asia	2012	250,336	199,770	8,606	40,422	1,262	276	..
	2013	252,351	200,124	8,610	41,639	1,640	338	..
	2014	260,025	208,145	7,439	42,389	1,500	552	..
	2015	258,025	211,648	7,505	36,471	1,525	876	..
Pakistan	2012	*98,535	*63,739	30,243	4,553	..	..	..
	2013	*105,248	*68,251	31,698	4,902	397	..	..
	2014	*108,482	*69,885	32,286	5,804	507	..	..
	2015	*115,073	*75,009	33,913	4,602	1,549	..	..
Philippines	2012	72,956	52,360	10,269	..	75	1	10,250
	2013	75,300	55,592	10,036	..	66	1	9,605
	2014	77,295	57,664	9,154	..	152	17	10,308
	2015	82,447	61,835	8,682	..	748	139	11,044
Qatar	2012	34,787	34,787	..	..	..	..	..
	2013	34,668	34,668	..	..	..	..	..
	2014	38,692	38,692	..	..	..	..	..
	2015	41,499	41,499	..	..	..	..	..
Saudi Arabia	2012	271,680	271,679	..	..	..	1	..
	2013	284,017	284,016	..	..	..	1	..
	2014	311,806	311,805	..	..	..	1	..
	2015	338,336	338,336	..	..	..	..	..
Singapore	2012	46,936	46,936	..	..	..	..	..
	2013	47,963	47,963	..	..	..	..	..
	2014	49,310	49,310	..	..	..	..	..
	2015	50,272	50,272	..	..	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	12,760	..	12,760	..	..
..	..	..	..	15,512	5	15,506	..	..
..	..	..	..	15,639	5	15,633	..	..
..	..	..	..	16,501	2,249	14,252	..	..
6,000	6,000	..	..	8,826	7,819	1,007	..	..
7,000	7,000	..	..	10,487	9,218	1,269	..	..
5,565	5,565	..	..	12,387	12,194	193	..	..
5,565	5,565	..	..	12,831	12,352	479	..	..
6,154	6,154	..	..	128,267	119,165	9,054	..	48
5,020	5,020	..	..	133,311	122,584	10,586	..	141
4,673	4,673	..	..	142,788	129,173	13,388	..	227
4,986	4,565	..	421	145,137	130,610	13,924	..	603
..	..	..	..	299	297	..	..	2
..	..	..	..	304	303	..	..	1
..	..	..	..	329	327	..	..	2
..	..	..	..	391	386	..	..	5
..	..	..	..	4,816	4,816	..	..	..
..	..	..	..	5,020	5,020	..	..	..
..	..	..	..	5,376	5,376	..	..	..
..	..	..	..	5,513	5,513	..	..	..
42	..	42	..	10,923	3,199	7,725	..	..
945	495	450	..	11,302	2,929	8,373	..	..
2,959	2,281	678	..	11,197	3,046	8,151	..	..
*1,814	*1,136	*678	..	14,156	5,327	8,829	..	..
84	..	84	..	3,459	10	3,449	..	..
137	..	137	..	2,993	10	2,983	..	..
*140	..	*140	..	3,368	10	3,358	..	..
154	..	154	..	3,349	..	3,342	..	7
..	..	..	..	25,017	25,017	..	..	..
..	..	..	..	26,240	26,240	..	..	..
..	..	..	..	29,128	29,128	..	..	..
..	..	..	..	32,758	32,758	..	..	..
34,223	34,223	..	..	216,113	165,547	8,606	40,422	1,538
37,192	37,192	..	..	215,159	162,932	8,610	41,639	1,978
38,071	38,071	..	..	221,954	170,074	7,439	42,389	2,052
35,544	35,544	..	..	222,481	176,104	7,505	36,471	2,401
*41,491	*41,491	..	..	57,044	*22,248	30,243	4,553	..
*44,167	*44,167	..	..	61,081	*24,084	31,698	4,902	397
*45,224	*45,224	..	..	63,258	*24,661	32,286	5,804	507
*48,540	*48,540	..	..	66,533	*26,469	33,913	4,602	1,549
*34	*17	*17	..	72,922	52,343	10,252	..	10,327
*34	*17	*17	..	75,266	55,575	10,019	..	9,672
*34	*17	*17	..	77,261	57,647	9,137	..	10,477
*34	*17	*17	..	82,413	61,818	8,665	..	11,931
31,799	31,799	..	..	2,988	2,988	..	..	..
31,578	31,578	..	..	3,090	3,090	..	..	..
35,190	35,190	..	..	3,502	3,502	..	..	..
38,998	38,998	..	..	2,501	2,501	..	..	..
64,548	64,548	..	..	207,132	207,131	..	..	1
85,117	85,117	..	..	198,900	198,899	..	..	1
97,218	97,218	..	..	214,588	214,587	..	..	1
122,666	122,666	..	..	215,670	215,670	..	..	..
1,717	1,717	..	..	45,219	45,219	..	..	..
2,804	2,804	..	..	45,160	45,160	..	..	..
2,974	2,974	..	..	46,336	46,336	..	..	..
3,240	3,240	..	..	47,031	47,031	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Sri Lanka	2012	11,908	8,439	3,302	..	147	21	..
	2013	12,060	4,870	6,929	..	236	25	..
	2014	12,861	7,986	4,563	..	273	39	..
	2015	13,227	6,854	5,969	..	344	60	..
State of Palestine	2012	461	461	..	..	..	..	..
	2013	536	536	..	..	..	..	..
	2014	337	337	..	..	..	..	..
	2015	515	515	..	..	..	..	..
Syrian Arab Republic	2012	31,188	27,951	3,237	..	..	..	..
	2013	25,933	22,933	3,000	..	..	..	..
	2014	21,726	18,726	3,000	..	..	..	..
	2015	17,881	17,468	413	..	..	..	..
Tajikistan	2012	16,998	74	16,924	..	..	..	..
	2013	17,115	44	17,071	..	..	..	..
	2014	16,472	160	16,312	..	..	..	..
	2015	17,162	262	16,900	..	..	..	..
Thailand	2012	166,471	158,013	8,431	..	*3	*23	1
	2013	175,531	168,397	5,748	..	305	1,080	1
	2014	180,862	173,631	5,540	..	305	1,385	1
	2015	177,760	170,313	4,739	..	329	2,378	1
Timor-Leste	2012	126	126	..	..	..	..	..
	2013	295	295	..	..	..	..	..
	2014	349	349	..	..	..	..	..
	2015	350	350	..	..	..	..	..
Turkey	2012	239,496	174,872	57,865	..	5,860	..	899
	2013	240,154	171,622	59,420	..	7,557	..	1,555
	2014	251,963	200,171	40,645	..	8,520	17	2,610
	2015	261,783	178,958	67,146	..	11,652	194	3,833
Turkmenistan	2012	17,750	17,750	..	..	..	..	..
	2013	18,870	18,870	..	..	..	..	..
	2014	20,400	20,400	..	..	..	..	..
	2015	22,534	22,534	..	..	..	..	..
United Arab Emirates	2012	106,222	106,222	..	..	..	..	..
	2013	109,979	109,979	..	..	..	..	..
	2014	116,528	116,528	..	..	..	..	..
	2015	127,366	127,366	..	..	..	..	..
Uzbekistan	2012	52,500	41,290	11,210	..	..	..	..
	2013	54,200	42,640	11,560	..	..	..	..
	2014	55,400	43,570	11,830	..	..	..	..
	2015	57,280	45,450	11,830	..	..	..	..
Viet Nam	2012	118,940	65,676	53,172	..	*92	..	..
	2013	128,549	70,287	58,170	..	*92	..	..
	2014	145,730	83,950	61,480	..	*300	..	..
	2015	*157,949	*100,434	57,254	..	*261	..	..
Yemen	2012	7,073	7,073	..	..	..	..	..
	2013	8,501	8,501	..	..	..	..	..
	2014	7,646	7,646	..	..	..	..	..
	2015	5,326	5,326	..	..	..	..	..
Europe	2012	4,893,277	2,659,511	762,087	1,175,478	207,779	71,810	16,613
	2013	4,849,364	2,536,671	811,318	1,158,537	239,167	86,777	16,895
	2014	4,766,004	2,412,467	807,334	1,172,996	256,595	99,161	17,450
	2015	4,797,460	2,434,633	766,730	1,163,315	305,722	109,783	17,278
Albania	2012	4,725	..	4,725	..	..	..	..
	2013	6,956	..	6,956	..	..	..	..
	2014	4,724	..	4,724	..	..	..	..
	2015	5,895	..	5,895	..	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
29	0	11	19	11,879	8,439	3,291	..	149
36	0	*11	25	12,024	4,870	6,918	..	236
49	0	*11	38	12,812	7,986	4,552	..	274
1,181	57	1,065	59	12,046	6,796	4,904	..	345
..	..	..	..	461	461	..	..	..
..	..	..	..	536	536	..	..	..
..	..	..	..	337	337	..	..	..
..	..	..	..	515	515	..	..	..
752	752	..	..	30,436	27,199	3,237	..	..
498	498	..	..	25,435	22,435	3,000	..	..
497	497	..	..	21,229	18,229	3,000	..	..
498	498	..	..	17,383	16,970	413	..	..
..	..	..	..	16,998	74	16,924	..	..
..	..	..	..	17,115	44	17,071	..	..
..	..	..	..	16,472	160	16,312	..	..
..	..	..	..	17,162	262	16,900	..	..
15,134	15,134	..	..	151,337	142,879	8,431	..	*27
29,532	28,668	..	864	145,999	139,729	5,748	..	522
34,890	33,782	..	1,108	145,972	139,849	5,540	..	583
36,052	33,989	..	2,063	141,708	136,324	4,739	..	645
..	..	..	..	126	126	..	..	..
..	..	..	..	295	295	..	..	..
..	..	..	..	349	349	..	..	..
..	..	..	..	350	350	..	..	..
13,254	11,594	1,658	2	226,242	163,278	56,207	..	6,757
13,071	11,800	1,076	195	227,083	159,822	58,344	..	8,917
4,441	3,907	391	143	247,522	196,264	40,254	..	11,004
35	29	0	6	261,748	178,929	67,146	..	15,673
..	..	..	..	17,750	17,750	..	..	..
..	..	..	..	18,870	18,870	..	..	..
..	..	..	..	20,400	20,400	..	..	..
..	..	..	..	22,534	22,534	..	..	..
..	..	..	..	106,222	106,222	..	..	..
..	..	..	..	109,979	109,979	..	..	..
..	..	..	..	116,528	116,528	..	..	..
..	..	..	..	127,366	127,366	..	..	..
193	193	..	..	52,307	41,097	11,210	..	..
199	199	..	..	54,001	42,441	11,560	..	..
204	204	..	..	55,196	43,366	11,830	..	..
213	213	..	..	57,067	45,237	11,830	..	..
*3,703	*3,700	*1	*2	115,237	61,976	53,171	..	*90
*4,003	*4,000	*1	*2	124,546	66,287	58,169	..	*90
*4,182	*4,100	*80	*2	141,548	79,850	61,400	..	*298
*4,182	*4,100	*80	*2	*153,767	*96,334	57,174	..	*259
346	346	..	..	6,727	6,727	..	..	..
245	245	..	..	8,256	8,256	..	..	..
240	240	..	..	7,406	7,406	..	..	..
173	173	..	..	5,153	5,153	..	..	..
352,185	321,107	15,464	15,614	4,541,093	2,338,405	746,623	1,175,478	280,587
344,454	307,491	16,176	20,787	4,504,910	2,229,180	795,142	1,158,537	322,052
343,350	300,642	16,731	25,977	4,422,653	2,111,825	790,603	1,172,996	347,229
369,201	321,775	16,191	31,235	4,428,259	2,112,858	750,539	1,163,315	401,547
..	..	..	..	4,725	..	4,725	..	..
..	..	..	..	6,956	..	6,956	..	..
..	..	..	..	4,724	..	4,724	..	..
..	..	..	..	5,895	..	5,895	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Andorra	2012	88	12	76	..	..	..	..
	2013	115	13	102	..	..	..	..
	2014	127	13	113	..	..	..	..
	2015	99	14	86	..	..	..	..
Austria	2012	72,601	22,094	47,696	..	2,462	337	12
	2013	68,312	18,758	45,805	..	3,153	582	14
	2014	65,442	15,962	44,836	..	3,846	785	13
	2015	65,299	18,915	40,592	..	4,840	937	15
Belarus	2012	30,799	30,723	70	..	6	..	..
	2013	31,507	31,361	138	..	8	..	..
	2014	34,735	34,602	121	..	11	1	..
	2015	34,077	33,941	107	..	26	3	..
Belgium	2012	82,923	35,843	1,659	40,295	2,751	2,148	227
	2013	83,488	32,408	1,704	42,644	3,665	2,644	423
	2014	72,672	29,610	1,462	33,703	4,615	2,883	399
	2015	70,648	34,036	1,418	26,103	5,574	3,065	452
Bosnia and Herzegovina	2012	14,082	9,867	4,215	..	..	..	..
	2013	17,451	10,215	7,236	..	..	..	..
	2014	16,160	10,225	5,935	..	..	..	..
	2015	15,629	10,078	5,551	..	..	..	..
Bulgaria	2012	47,329	25,518	3,976	15,785	1,221	814	15
	2013	43,784	22,067	4,795	14,171	1,374	1,361	16
	2014	47,485	23,858	5,163	15,867	1,331	1,252	14
	2015	49,228	24,840	6,147	15,383	1,452	1,383	23
Croatia	2012	10,755	5,425	4,999	..	329	2	..
	2013	14,052	4,797	8,727	..	517	11	..
	2014	13,554	3,664	9,125	..	730	35	..
	2015	11,403	3,994	6,556	..	796	57	..
Czechia	2012	87,418	51,595	2,860	30,324	416	2,149	74
	2013	86,913	49,940	3,639	30,745	481	2,033	75
	2014	86,148	50,174	2,961	30,325	477	2,123	88
	2015	83,892	51,063	3,071	26,841	573	2,264	80
Denmark	2012	30,701	20,310	17	..	10,270	104	..
	2013	34,743	23,089	13	..	11,123	518	..
	2014	32,184	18,494	15	..	13,079	596	..
	2015	28,947	14,192	18	..	14,133	604	..
Estonia	2012	11,967	11,491	42	..	434	..	..
	2013	13,275	12,720	26	..	529	..	..
	2014	12,446	11,815	27	..	604	..	..
	2015	10,417	9,675	27	..	715	..	..
Faeroe Islands	2012	292	181	100	..	11	..	..
	2013	293	180	91	..	22	..	..
	2014	305	150	121	..	34	..	..
	2015	314	126	133	..	56	..	..
Finland	2012	70,411	29,746	16,859	22,987	494	6	319
	2013	71,257	33,744	12,838	23,606	774	6	289
	2014	68,094	29,712	13,397	23,580	1,107	8	290
	2015	68,597	25,999	16,769	23,245	2,327	9	248
France	2012	564,897	55,916	63,594	425,406	14,913	4,016	1,052
	2013	572,299	50,869	75,867	423,685	16,033	4,735	1,110
	2014	563,694	34,397	68,627	436,474	17,249	5,913	1,034
	2015	568,454	42,295	59,400	437,428	21,249	7,259	823
Germany	2012	629,812	423,424	27,849	99,460	50,670	26,380	2,029
	2013	638,729	428,094	28,782	97,290	51,708	31,010	1,845
	2014	627,795	409,688	25,444	97,129	57,357	36,056	2,121
	2015	646,888	410,315	24,898	91,786	79,206	38,726	1,957

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	88	12	76	..	..
..	..	..	..	115	13	102	..	..
..	..	..	..	127	13	113	..	..
..	..	..	..	99	14	86	..	..
8,571	8,022	538	11	64,030	14,072	47,158	..	2,800
8,097	7,531	552	14	60,215	11,227	45,253	..	3,735
7,701	7,125	563	13	57,741	8,837	44,273	..	4,631
7,833	7,339	479	15	57,466	11,576	40,113	..	5,777
3,050	3,042	6	2	27,749	27,681	64	..	4
2,976	2,967	7	2	28,531	28,394	131	..	6
3,072	3,061	7	4	31,663	31,541	114	..	8
3,401	3,387	6	8	30,676	30,554	101	..	21
8,496	6,103	..	2,393	74,427	29,740	1,659	40,295	2,733
9,125	6,049	..	3,076	74,363	26,359	1,704	42,644	3,656
9,797	6,496	..	3,301	62,875	23,114	1,462	33,703	4,596
10,072	6,536	..	3,536	60,576	27,500	1,418	26,103	5,555
343	343	..	..	13,739	9,524	4,215	..	..
369	369	..	..	17,082	9,846	7,236	..	..
403	403	..	..	15,757	9,822	5,935	..	..
485	485	..	..	15,144	9,593	5,551	..	..
270	255	..	15	47,059	25,263	3,976	15,785	2,035
268	252	..	16	43,516	21,815	4,795	14,171	2,735
253	239	..	14	47,232	23,619	5,163	15,867	2,583
388	365	..	23	48,840	24,475	6,147	15,383	2,835
388	383	5	..	10,367	5,042	4,994	..	331
332	327	5	..	13,720	4,470	8,722	..	528
345	338	7	..	13,209	3,326	9,118	..	765
316	310	6	..	11,087	3,684	6,550	..	853
7,945	7,370	523	52	79,473	44,225	2,337	30,324	2,587
8,659	7,988	621	50	78,254	41,952	3,018	30,745	2,539
9,123	8,498	564	61	77,025	41,676	2,397	30,325	2,627
9,255	8,636	566	53	74,637	42,427	2,505	26,841	2,864
2,047	1,943	..	104	28,654	18,367	17	..	10,270
2,428	1,910	..	518	32,315	21,179	13	..	11,123
2,612	2,016	..	596	29,572	16,478	15	..	13,079
2,656	2,052	..	604	26,291	12,140	18	..	14,133
98	97	..	1	11,869	11,394	42	..	433
91	86	..	5	13,184	12,634	26	..	524
57	42	1	14	12,389	11,773	26	..	590
157	143	0	14	10,260	9,532	27	..	701
..	..	..	..	292	181	100	..	11
..	..	..	..	293	180	91	..	22
..	..	..	..	305	150	121	..	34
..	..	..	..	314	126	133	..	56
10,255	8,791	1,244	220	60,156	20,955	15,615	22,987	599
10,122	8,960	979	183	61,135	24,784	11,859	23,606	886
10,094	8,977	927	190	58,000	20,735	12,470	23,580	1,215
10,022	8,773	1,079	170	58,575	17,226	15,690	23,245	2,414
20,887	16,330	654	3,903	544,010	39,586	62,940	425,406	16,078
18,609	13,225	743	4,641	553,690	37,644	75,124	423,685	17,237
18,696	12,731	751	5,214	544,998	21,666	67,876	436,474	18,982
18,956	12,833	599	5,524	549,498	29,462	58,801	437,428	23,807
44,094	42,421	350	1,323	585,718	381,003	27,499	99,460	77,756
44,892	43,466	182	1,244	593,837	384,628	28,600	97,290	83,319
45,450	43,874	162	1,414	582,345	365,814	25,282	97,129	94,120
50,214	48,833	157	1,224	596,674	361,482	24,741	91,786	118,665

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Gibraltar	2012	176	176	..	..	..	..	..
	2013	189	189	..	..	..	..	..
	2014	198	198	..	..	..	..	..
	2015	207	207	..	..	..	..	..
Greece	2012	60,959	50,824	4,591	..	3,850	1,694	..
	2013	57,152	42,981	6,384	..	4,139	3,648	..
	2014	50,474	38,386	4,607	..	3,689	3,792	..
	2015	51,874	37,203	6,150	..	4,621	3,900	..
Guernsey	2012	68	68	..	..	..	..	..
	2013	289	289	..	..	..	..	..
	2014	227	227	..	..	..	..	..
	2015	157	157	..	..	..	..	..
Hungary	2012	34,635	17,851	213	15,793	770	8	..
	2013	30,294	13,936	213	15,370	718	25	32
	2014	29,392	12,674	301	15,649	657	56	55
	2015	30,342	13,395	234	15,834	693	123	63
Iceland	2012	17,549	3	12,337	..	..	..	5,209
	2013	18,116	5	12,863	..	3	..	5,245
	2014	18,123	3	12,873	..	8	..	5,239
	2015	18,799	4	13,781	..	11	..	5,003
Ireland	2012	27,353	22,328	1,014	..	4,010	1	..
	2013	25,920	20,433	944	..	4,542	1	..
	2014	26,087	19,958	988	..	5,140	1	..
	2015	28,387	20,717	1,095	..	6,573	2	..
Isle of Man	2012	296	292	4	..	..	..	..
	2013	*504	*500	*4	..	..	..	..
	2014	*504	*500	*4	..	..	..	..
	2015	*504	*500	4	..	..	..	..
Italy	2012	299,277	216,811	43,854	..	13,407	18,862	6,343
	2013	289,807	192,237	54,672	..	14,897	21,589	6,412
	2014	279,827	175,510	60,256	..	15,178	22,306	6,577
	2015	282,994	191,458	46,970	..	14,844	22,942	6,780
Jersey	2012	114	114	..	..	..	..	..
	2013	157	157	..	..	..	..	..
	2014	108	108	..	..	..	..	..
	2015	48	48	..	..	..	..	..
Latvia	2012	6,167	2,346	3,707	..	114	..	..
	2013	6,209	3,177	2,912	..	120	..	..
	2014	5,141	3,006	1,994	..	141	..	..
	2015	5,533	3,526	1,860	..	147	..	..
Liechtenstein	2012	86	4	74	..	..	9	..
	2013	85	3	69	..	..	13	..
	2014	41	3	22	..	..	17	..
	2015	70	2	49	..	..	19	..
Lithuania	2012	5,043	3,337	937	..	540	2	227
	2013	4,762	2,808	1,069	..	603	45	237
	2014	4,397	2,354	1,088	..	639	73	243
	2015	4,933	2,761	1,024	..	810	73	265
Luxembourg	2012	3,818	2,543	1,160	..	77	38	..
	2013	2,888	1,573	1,158	..	83	74	..
	2014	2,966	1,622	1,169	..	80	95	..
	2015	2,762	1,026	1,530	..	102	104	..
Malta	2012	2,307	2,277	..	..	..	30	..
	2013	2,251	2,222	..	..	..	29	..
	2014	2,245	2,177	..	..	..	68	..
	2015	1,303	1,210	..	..	..	93	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	176	176	..	..	..
..	..	..	..	189	189	..	..	..
..	..	..	..	198	198	..	..	..
..	..	..	..	207	207	..	..	..
2,351	2,351	..	..	58,608	48,473	4,591	..	5,544
1,885	1,885	..	..	55,267	41,096	6,384	..	7,787
1,792	1,792	..	..	48,682	36,594	4,607	..	7,481
2,340	2,340	..	..	49,534	34,863	6,150	..	8,521
..	..	..	..	68	68	..	..	..
..	..	..	..	289	289	..	..	..
..	..	..	..	227	227	..	..	..
..	..	..	..	157	157	..	..	..
516	508	..	8	34,119	17,343	213	15,793	770
615	558	..	57	29,679	13,378	213	15,370	718
655	544	..	111	28,737	12,130	301	15,649	657
789	603	..	186	29,553	12,792	234	15,834	693
..	..	..	..	17,549	3	12,337	..	5,209
..	..	..	..	18,116	5	12,863	..	5,248
..	..	..	..	18,123	3	12,873	..	5,247
..	..	..	..	18,799	4	13,781	..	5,014
2,125	2,124	..	1	25,228	20,204	1,014	..	4,010
2,056	2,055	..	1	23,864	18,378	944	..	4,542
2,073	2,072	..	1	24,014	17,886	988	..	5,140
2,160	2,158	..	2	26,227	18,559	1,095	..	6,573
..	..	..	..	296	292	4	..	..
..	..	..	..	*504	*500	*4	..	..
..	..	..	..	*504	*500	*4	..	..
..	..	..	..	*504	*500	4	..	..
16,057	15,025	573	459	283,220	201,786	43,281	..	38,153
16,073	15,124	627	322	273,734	177,113	54,045	..	42,576
15,742	14,749	738	255	264,085	160,761	59,518	..	43,806
19,082	18,209	609	264	263,912	173,249	46,361	..	44,302
43	43	..	..	71	71	..	..	..
34	34	..	..	123	123	..	..	..
37	37	..	..	71	71	..	..	..
41	41	..	..	7	7	..	..	..
183	176	7	0	5,984	2,170	3,700	..	114
257	251	3	3	5,952	2,926	2,909	..	117
257	246	7	4	4,884	2,760	1,987	..	137
259	253	2	4	5,274	3,273	1,858	..	143
..	..	..	..	86	4	74	..	9
..	..	..	..	85	3	69	..	13
..	..	..	..	41	3	22	..	17
..	..	..	..	70	2	49	..	19
787	560	..	227	4,256	2,777	937	..	542
621	384	..	237	4,141	2,424	1,069	..	648
736	493	..	243	3,661	1,861	1,088	..	712
931	666	..	265	4,002	2,095	1,024	..	883
225	182	5	38	3,593	2,361	1,155	..	77
265	185	6	74	2,623	1,388	1,152	..	83
271	170	6	95	2,695	1,452	1,163	..	80
270	160	6	104	2,492	866	1,524	..	102
26	9	..	17	2,281	2,268	..	..	13
35	6	..	29	2,216	2,216	..	..	0
75	7	..	68	2,170	2,170	..	..	..
100	7	..	93	1,203	1,203	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Montenegro	2012	2,844	1,367	1,477	..	..	..	..
	2013	3,945	1,441	2,504	..	..	..	..
	2014	3,173	1,421	1,752	..	..	..	..
	2015	3,003	1,512	1,491	..	..	..	..
Netherlands	2012	103,298	93,925	104	3,915	4,981	226	147
	2013	101,736	92,494	114	2,891	5,627	487	123
	2014	103,418	92,488	112	4,091	5,797	785	145
	2015	110,070	97,078	93	4,077	7,550	1,122	150
Norway	2012	147,716	3,354	142,812	..	1,548	..	2
	2013	133,981	3,158	128,699	..	1,881	..	243
	2014	141,968	3,267	136,182	..	2,216	..	303
	2015	145,021	3,197	139,013	..	2,515	..	296
Poland	2012	162,139	154,845	2,465	..	4,747	1	81
	2013	164,580	155,467	2,997	..	6,004	1	111
	2014	159,059	148,500	2,734	..	7,676	7	142
	2015	164,944	151,478	2,435	..	10,858	57	116
Portugal	2012	46,614	29,151	6,660	..	10,259	393	151
	2013	51,672	24,110	14,868	..	12,014	479	201
	2014	52,802	23,440	16,412	..	12,111	627	212
	2015	52,420	30,005	9,799	..	11,608	796	212
Republic of Moldova	2012	932	898	34	..	0	..	..
	2013	905	859	45	..	1	..	..
	2014	963	902	59	..	1	1	..
	2015	939	886	50	..	2	1	..
Romania	2012	59,045	32,594	12,337	11,466	2,640	8	..
	2013	58,887	27,021	15,308	11,618	4,520	420	..
	2014	65,676	26,903	19,280	11,676	6,201	1,616	..
	2015	66,296	28,604	17,007	11,640	7,063	1,982	..
Russian Federation	2012	1,070,734	725,399	167,319	177,534	5	..	477
	2013	1,059,092	703,481	182,654	172,508	5	..	444
	2014	1,064,207	705,598	177,141	180,757	96	160	455
	2015	1,067,544	701,220	169,914	195,470	148	335	457
Serbia	2012	36,799	26,885	9,914	..	..	..	..
	2013	39,877	29,024	10,853	..	..	..	..
	2014	34,060	22,437	11,617	..	..	6	..
	2015	38,298	27,504	10,783	..	..	11	..
Slovakia	2012	28,664	8,231	4,439	15,495	6	424	69
	2013	28,832	7,283	5,166	15,720	6	588	69
	2014	27,401	6,719	4,462	15,499	6	597	118
	2015	26,903	7,008	4,137	15,146	6	506	100
Slovenia	2012	15,736	5,958	4,087	5,528	0	163	..
	2013	16,103	5,661	4,923	5,300	4	215	..
	2014	17,437	4,440	6,366	6,370	4	257	..
	2015	15,100	5,081	4,091	5,648	6	274	..
Spain	2012	297,559	150,312	24,162	61,470	49,472	11,968	175
	2013	285,632	119,111	41,052	56,726	55,646	13,097	0
	2014	278,750	112,789	42,970	57,305	52,013	13,673	0
	2015	281,020	128,947	31,368	57,305	49,325	13,859	216
Sweden	2012	166,562	16,283	79,058	64,037	7,165	19	..
	2013	153,166	15,336	61,496	66,457	9,842	35	..
	2014	153,662	13,632	63,872	64,877	11,234	47	..
	2015	162,058	13,906	75,439	56,348	16,268	97	..
Switzerland	2012	69,893	3,739	40,305	25,441	88	320	..
	2013	70,312	3,720	39,968	25,990	90	544	..
	2014	71,767	3,566	39,701	27,557	101	842	..
	2015	67,720	3,521	39,881	23,089	110	1,119	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	2,844	1,367	1,477	..	..
..	..	..	..	3,945	1,441	2,504	..	..
..	..	..	..	3,173	1,421	1,752	..	..
..	..	..	..	3,003	1,512	1,491	..	..
25,148	23,881	..	1,267	78,150	70,044	104	3,915	4,087
24,608	22,998	..	1,610	77,128	69,496	114	2,891	4,627
21,960	20,048	..	1,912	81,458	72,440	112	4,091	4,815
22,592	20,200	..	2,392	87,478	76,878	93	4,077	6,430
8,619	2,897	5,720	2	139,097	457	137,092	..	1,548
8,478	2,676	5,559	243	125,503	482	123,140	..	1,881
8,442	2,651	5,488	303	133,526	616	130,694	..	2,216
8,459	2,675	5,488	296	136,562	522	133,525	..	2,515
8,449	8,365	2	82	153,690	146,480	2,463	..	4,747
8,917	8,802	3	112	155,663	146,665	2,994	..	6,004
8,881	8,729	3	149	150,178	139,771	2,731	..	7,676
9,419	9,243	3	173	155,525	142,235	2,432	..	10,858
8,344	8,184	10	150	38,270	20,967	6,650	..	10,653
9,010	8,780	20	210	42,662	15,330	14,848	..	12,484
8,435	8,117	23	295	44,367	15,323	16,389	..	12,655
8,294	7,929	15	350	44,126	22,076	9,784	..	12,266
32	32	..	..	900	866	34	..	0
44	44	..	..	861	815	45	..	1
72	71	..	1	891	831	59	..	1
41	41	..	0	898	845	50	..	3
4,252	3,908	158	186	54,793	28,686	12,179	11,466	2,462
6,519	5,918	246	355	52,368	21,103	15,062	11,618	4,585
6,095	5,037	327	731	59,581	21,866	18,953	11,676	7,086
7,407	6,389	404	614	58,889	22,215	16,603	11,640	8,431
67,181	66,158	1,023	..	1,003,553	659,241	166,296	177,534	482
64,495	63,047	1,448	..	994,597	640,434	181,206	172,508	449
66,732	65,186	1,546	..	997,475	640,412	175,595	180,757	711
71,996	70,501	1,495	..	995,548	630,719	168,419	195,470	940
171	171	..	..	36,628	26,714	9,914	..	..
202	202	..	..	39,675	28,822	10,853	..	..
289	289	..	..	33,771	22,148	11,617	..	6
318	318	..	..	37,980	27,186	10,783	..	11
2,536	2,039	88	409	26,128	6,192	4,351	15,495	90
2,470	1,825	106	539	26,362	5,458	5,060	15,720	124
3,040	2,317	116	607	24,361	4,402	4,346	15,499	114
3,068	2,519	85	464	23,835	4,489	4,052	15,146	148
534	251	126	157	15,202	5,707	3,961	5,528	6
622	247	166	209	15,481	5,414	4,757	5,300	10
749	271	228	250	16,688	4,169	6,138	6,370	11
688	268	154	266	14,412	4,813	3,937	5,648	14
41,427	40,752	462	213	256,132	109,560	23,700	61,470	61,402
38,128	37,145	943	40	247,504	81,966	40,109	56,726	68,703
32,111	31,006	1,064	41	246,639	81,783	41,906	57,305	65,645
33,480	32,473	748	259	247,540	96,474	30,620	57,305	63,141
6,350	6,333	17	..	160,212	9,950	79,041	64,037	7,184
5,854	5,844	10	..	147,312	9,492	61,486	66,457	9,877
5,797	5,785	12	..	147,865	7,847	63,860	64,877	11,281
5,827	5,816	11	..	156,231	8,090	75,428	56,348	16,365
6,065	2,927	2,818	320	63,828	812	37,487	25,441	88
6,397	3,020	2,833	544	63,915	700	37,135	25,990	90
6,865	3,109	2,914	842	64,902	457	36,787	27,557	101
7,095	3,096	2,880	1,119	60,625	425	37,001	23,089	110

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
T.F.Yug.Rep. Macedonia	2012	6,262	5,218	1,041	..	..	3	..
	2013	6,094	4,501	1,584	..	..	9	..
	2014	5,374	4,082	1,207	..	71	14	..
	2015	5,646	3,617	1,865	..	121	23	20
Ukraine	2012	198,878	97,126	10,994	90,137	288	333	..
	2013	194,377	95,487	14,472	83,209	639	570	..
	2014	182,815	83,549	9,318	88,389	1,130	429	..
	2015	163,682	67,523	6,971	87,627	1,084	477	..
United Kingdom	2012	362,955	263,108	8,251	70,405	19,835	1,352	4
	2013	358,377	249,752	7,608	70,607	28,396	2,008	6
	2014	338,176	229,644	8,776	63,748	31,966	4,040	2
	2015	339,095	211,849	9,028	70,345	40,310	7,561	2
Oceania	2012	306,066	248,572	39,143	..	9,117	2,579	6,655
	2013	304,053	239,719	43,537	..	10,045	3,851	6,901
	2014	303,601	233,691	44,714	..	12,531	4,904	7,761
	2015	308,316	240,036	40,005	..	13,896	6,044	8,335
American Samoa	2012	157	156	..	..	..	1	..
	2013	*156	*155	..	..	..	*1	..
	2014	157	156	..	..	..	*1	..
	2015	169	168	..	..	..	2	..
Australia	2012	251,165	227,552	14,083	..	6,970	2,559	1
	2013	249,720	219,663	18,270	..	7,960	3,826	1
	2014	248,299	214,767	18,421	..	10,252	4,858	1
	2015	252,360	221,479	13,445	..	11,467	5,968	1
Cook Islands	2012	*33	*32	..	..	..	*1	..
	2013	*33	*31	..	..	..	*1	..
	2014	*32	*29	..	..	..	*3	..
	2015	*29	*27	..	..	..	*2	..
Fiji	2012	803	271	525	..	7	..	..
	2013	858	325	527	..	5	..	..
	2014	859	454	401	..	4	..	..
	2015	914	503	406	..	6	..	..
French Polynesia	2012	*768	*553	*209	..	..	*6	..
	2013	*744	*542	*195	..	..	*7	..
	2014	*721	*492	*219	..	..	*10	..
	2015	*718	*488	*219	..	..	11	..
Guam	2012	1,784	1,784	..	..	..	..	..
	2013	1,736	1,736	..	..	..	..	..
	2014	*1,750	*1,750	..	..	..	..	..
	2015	*1,731	*1,731	..	..	..	..	..
Kiribati	2012	25	25	..	..	..	..	..
	2013	25	25	..	..	..	..	..
	2014	*26	*26	..	..	..	..	..
	2015	*28	*26	..	..	..	*2	..
Marshall Islands	2012	78	78	..	..	..	0	..
	2013	84	83	..	..	..	0	..
	2014	*85	*85	..	..	..	0	..
	2015	*86	*86	..	..	..	0	..
Micronesia (Fed. States of)	2012	*66	*65	..	..	..	1	..
	2013	*67	*66	..	..	..	1	..
	2014	69	68	0	..	..	1	..
	2015	*69	*68	0	..	..	*1	..
Nauru	2012	24	24	..	..	..	0	..
	2013	*24	*24	..	..	..	0	..
	2014	*25	*25	..	..	..	0	..
	2015	*25	*25	..	..	..	0	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
2	2	..	..	6,260	5,217	1,041	..	3
2	2	..	..	6,092	4,499	1,584	..	9
1	1	..	..	5,373	4,081	1,207	..	85
0	0	..	..	5,646	3,617	1,865	..	164
3,773	3,753	20	..	195,105	93,373	10,974	90,137	621
3,200	3,177	22	1	191,177	92,310	14,450	83,209	1,208
2,927	2,905	19	3	179,888	80,644	9,299	88,389	1,556
2,214	2,195	17	2	161,468	65,328	6,954	87,627	1,559
40,545	35,376	1,115	4,054	322,410	227,732	7,136	70,405	17,137
37,699	30,152	1,095	6,452	320,678	219,600	6,513	70,607	23,958
41,714	31,211	1,258	9,245	296,462	198,433	7,518	63,748	26,763
48,576	33,983	1,382	13,211	290,519	177,866	7,646	70,345	34,662
23,974	20,532	364	3,078	282,092	228,039	38,779	..	15,273
27,918	23,186	362	4,370	276,135	216,533	43,175	..	16,427
29,073	23,288	369	5,417	274,527	210,404	44,345	..	19,779
30,225	23,390	368	6,467	278,091	216,646	39,637	..	21,808
..	..	..	..	157	156	..	..	1
..	..	..	..	*156	*155	..	..	*1
..	..	..	..	157	156	..	..	*1
..	..	..	..	169	168	..	..	2
19,667	17,112	..	2,555	231,498	210,440	14,083	..	6,975
23,364	19,543	..	3,821	226,356	200,120	18,270	..	7,966
24,355	19,504	..	4,851	223,944	195,263	18,421	..	10,260
25,489	19,607	..	5,882	226,871	201,872	13,445	..	11,554
..	..	..	..	*33	*32	..	..	*1
..	..	..	..	*33	*31	..	..	*1
..	..	..	..	*32	*29	..	..	*3
..	..	..	..	*29	*27	..	..	*2
48	48	..	..	755	223	525	..	7
47	47	..	..	811	278	527	..	5
50	50	..	..	810	404	401	..	4
22	22	..	..	892	480	406	..	6
..	..	..	..	*768	*553	*209	..	*6
..	..	..	..	*744	*542	*195	..	*7
..	..	..	..	*721	*492	*219	..	*10
..	..	..	..	*718	*488	*219	..	11
..	..	..	..	1,784	1,784	..	..	..
..	..	..	..	1,736	1,736	..	..	..
..	..	..	..	*1,750	*1,750	..	..	..
..	..	..	..	*1,731	*1,731	..	..	..
*2	*2	..	..	23	23	..	..	..
*2	*2	..	..	23	23	..	..	..
*2	*2	..	..	*24	*24	..	..	..
*2	*2	..	..	*26	*24	..	..	*2
..	..	..	..	78	78	..	..	0
..	..	..	..	84	83	..	..	0
..	..	..	..	*85	*85	..	..	0
..	..	..	..	*86	*86	..	..	0
..	..	..	..	*66	*65	..	..	1
..	..	..	..	*67	*66	..	..	1
..	..	..	..	69	68	0	..	1
..	..	..	..	*69	*68	0	..	*1
..	..	..	..	24	24	..	..	0
..	..	..	..	*24	*24	..	..	0
..	..	..	..	*25	*25	..	..	0
..	..	..	..	*25	*25	..	..	0

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
New Caledonia	2012	2,288	1,828	398	..	57	5	..
	2013	2,506	1,992	456	..	52	5	..
	2014	3,011	2,660	289	..	57	5	..
	2015	2,903	2,494	340	..	62	7	..
New Zealand	2012	44,264	13,046	22,901	..	2,080	5	6,232
	2013	43,268	11,718	23,041	..	2,024	7	6,478
	2014	43,505	9,619	24,317	..	2,214	17	7,338
	2015	44,205	9,368	24,535	..	2,356	34	7,912
Niue	2012	3	3	..	..	..	0	..
	2013	3	3	..	..	..	0	..
	2014	3	3	..	..	..	0	..
	2015	3	3	..	..	..	0	..
Northern Mariana Islands	2012	*411	*411	..	..	..	..	..
	2013	*415	*415	..	..	..	..	..
	2014	*419	*419	..	..	..	..	..
	2015	*430	*430	..	..	..	..	..
Palau	2012	*95	*95	..	..	..	..	..
	2013	*95	*95	..	..	..	..	..
	2014	*95	*95	..	..	..	..	..
	2015	*95	*95	..	..	..	..	..
Papua New Guinea	2012	3,764	2,359	983	..	..	..	422
	2013	3,964	2,546	996	..	..	..	422
	2014	4,176	2,734	1,020	..	..	..	422
	2015	*4,176	*2,734	*1,020	..	..	..	*422
Samoa	2012	112	75	37	..	..	..	..
	2013	121	77	44	..	..	0	..
	2014	*130	*86	40	..	..	*4	..
	2015	134	93	32	..	0	8	..
Solomon Islands	2012	83	83	..	..	..	..	..
	2013	89	89	..	..	..	..	..
	2014	94	92	..	..	..	*2	..
	2015	97	95	..	..	..	*2	..
Tonga	2012	52	52	..	..	..	..	..
	2013	53	51	..	..	0	2	..
	2014	55	52	..	..	0	2	..
	2015	55	52	..	..	0	3	..
Tuvalu	2012	*5	*5	..	..	..	..	..
	2013	*5	*5	..	..	..	..	..
	2014	*5	*5	..	..	..	..	..
	2015	*7	*5	..	..	..	2	..
Vanuatu	2012	67	57	7	..	3	0	..
	2013	*68	*58	*7	..	*3	0	..
	2014	*67	*56	*7	..	*3	0	..
	2015	*64	*50	*7	..	*6	*1	..
Wallis and Futuna Is.	2012	19	19	..	..	..	..	..
	2013	19	19	..	..	..	..	..
	2014	19	19	..	..	..	..	..
	2015	18	18	..	..	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
*1	..	..	*1	2,287	1,828	398	..	62
1	..	..	1	2,505	1,992	456	..	57
*1	..	..	*1	3,011	2,660	289	..	62
*1	..	..	*1	2,903	2,494	340	..	68
1,374	1,261	13	100	42,890	11,785	22,888	..	8,217
1,431	1,294	11	126	41,837	10,424	23,030	..	8,383
1,416	1,264	9	143	42,089	8,355	24,308	..	9,426
1,460	1,290	8	162	42,745	8,078	24,527	..	10,140
..	..	..	..	3	3	..	..	0
..	..	..	..	3	3	..	..	0
..	..	..	..	3	3	..	..	0
..	..	..	..	3	3	..	..	0
..	..	..	..	*411	*411	..	..	..
..	..	..	..	*415	*415	..	..	..
..	..	..	..	*419	*419	..	..	..
..	..	..	..	*430	*430	..	..	..
*6	*6	..	..	*89	*89	..	..	..
*6	*6	..	..	*89	*89	..	..	..
*6	*6	..	..	*89	*89	..	..	..
*6	*6	..	..	*89	*89	..	..	..
2,868	2,095	351	422	896	264	632	..	..
3,059	2,286	351	422	905	260	645	..	..
3,236	2,454	360	422	940	280	660	..	..
*3,236	*2,454	*360	*422	*940	*280	*660	..	..
..	..	..	..	112	75	37	..	..
..	..	..	..	121	77	44	..	0
..	..	..	..	*130	*86	40	..	*4
..	..	..	..	134	93	32	..	8
*8	*8	..	..	75	75	..	..	..
*8	*8	..	..	81	81	..	..	..
*8	*8	..	..	86	84	..	..	*2
*9	*9	..	..	88	86	..	..	*2
..	..	..	..	52	52	..	..	..
..	..	..	..	53	51	..	..	2
..	..	..	..	55	52	..	..	2
..	..	..	..	55	52	..	..	3
..	..	..	..	*5	*5	..	..	..
..	..	..	..	*5	*5	..	..	..
..	..	..	..	*5	*5	..	..	..
..	..	..	..	*7	*5	..	..	2
..	..	..	..	67	57	7	..	3
..	..	..	..	*68	*58	*7	..	*3
..	..	..	..	*67	*56	*7	..	*3
..	..	..	..	*64	*50	*7	..	*7
..	..	..	..	19	19	..	..	..
..	..	..	..	19	19	..	..	..
..	..	..	..	19	19	..	..	..
..	..	..	..	18	18	..	..	..

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Table Notes

Supply is calculated as **Production** plus **Imports** minus **Exports**.

EIOU and losses refers to energy industries own use of electricity, including for pumped storage, and losses.

Total Final Consumption (TFC) refers to final energy consumption of electricity.

Figures may not add up due to statistical differences, or for some countries quantities transformed into heat in heat pumps and/or electric boilers

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Figure 81: World electricity generation by region, 1990-2015

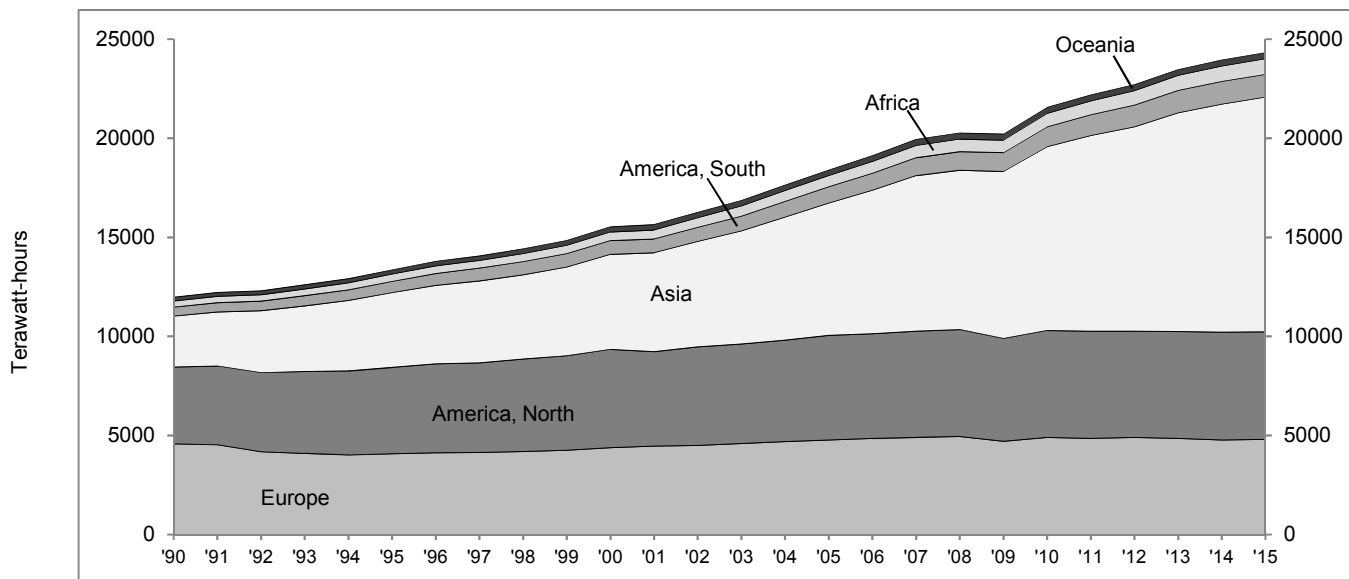


Figure 82: Major electricity producing countries, 2015

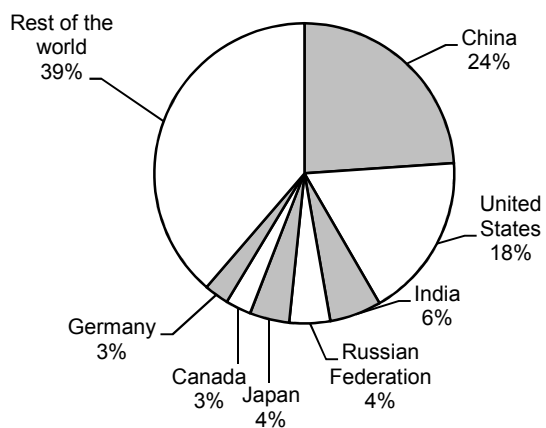


Figure 83: Major electricity consuming countries, 2015

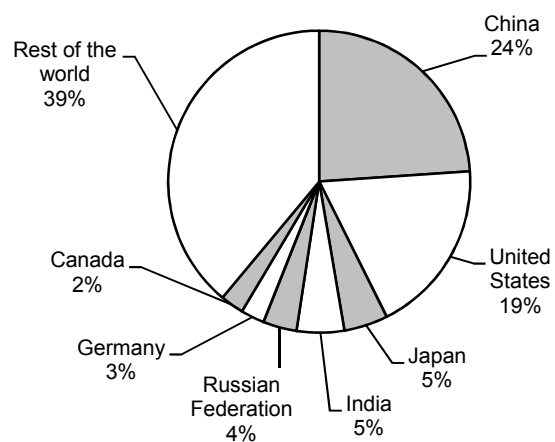


Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
World	2012	22,694,538	685,317	675,911	22,703,944	3,199	3,854,296	18,858,316
	2013	23,467,300	687,506	666,510	23,488,296	3,271	3,988,981	19,505,156
	2014	23,949,499	722,741	700,220	23,972,021	3,299	4,022,995	19,839,761
	2015	24,321,639	762,698	731,602	24,352,734	3,313	4,111,348	20,200,663
Africa	2012	724,802	39,795	31,781	732,817	667	152,160	580,213
	2013	745,560	39,090	29,414	755,236	670	165,622	588,229
	2014	776,437	40,250	31,682	785,005	679	178,239	606,088
	2015	791,620	43,181	35,013	799,788	675	179,743	620,555
Algeria	2012	57,397	936	985	57,348	1,532	16,571	40,777
	2013	59,890	295	384	59,801	1,566	16,646	43,158
	2014	64,242	686	877	64,051	1,645	18,300	45,751
	2015	68,798	610	641	68,767	1,734	18,614	50,153
Angola	2012	6,204	..	..	6,204	273	852	5,352
	2013	8,216	..	..	8,216	350	1,129	7,087
	2014	9,480	..	..	9,480	391	1,302	8,178
	2015	9,764	..	..	9,764	390	1,341	8,423
Benin	2012	48	1,099	..	1,147	114	212	872
	2013	92	1,107	..	1,199	116	229	942
	2014	239	968	..	1,207	114	232	953
	2015	342	1,078	..	1,420	131	269	1,105
Botswana	2012	251	3,371	..	3,622	1,698	424	3,198
	2013	761	2,981	..	3,743	1,720	432	3,310
	2014	2,364	1,684	..	4,048	1,824	546	3,449
	2015	*2,967	1,468	..	*4,435	*1,960	945	3,495
Burkina Faso	2012	625	515	..	1,140	69	188	*952
	2013	731	532	..	1,262	74	211	*1,052
	2014	870	488	..	1,359	77	233	*1,125
	2015	999	443	..	1,442	80	242	*1,200
Burundi	2012	142	104	..	246	24	8	*238
	2013	159	103	..	262	25	8	*259
	2014	174	91	..	265	24	8	*265
	2015	166	*96	..	262	23	8	*258
Cabo Verde	2012	375	..	..	375	749	108	266
	2013	404	..	..	404	797	112	291
	2014	409	..	..	409	795	113	295
	2015	421	..	..	421	809	117	*305
Cameroon	2012	4,725	1,887	..	6,612	305	1,643	4,969
	2013	5,510	1,635	..	7,145	322	1,931	5,214
	2014	6,152	1,507	..	7,659	336	2,174	5,485
	2015	6,758	1,414	..	8,172	350	2,388	5,784
Central African Rep.	2012	176	..	..	176	38	*9	*167
	2013	139	..	..	139	30	*10	*129
	2014	171	..	..	171	36	*10	*161
	2015	*171	..	..	*171	*35	*10	*161
Chad	2012	205	..	..	205	16	19	*186
	2013	*225	..	..	*225	*17	*19	*206
	2014	*225	..	..	*225	*17	*19	*206
	2015	*228	..	..	*228	*16	*13	*215
Comoros	2012	*58	..	..	*58	*80	*12	*46
	2013	*56	..	..	*56	*75	*12	*44
	2014	*53	..	..	*53	*68	*11	*42
	2015	*42	..	..	*42	*53	*10	*32

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Congo	2012	1,700	25	0	1,725	402	948	792
	2013	1,709	56	19	1,746	397	953	802
	2014	1,740	18	22	1,736	385	970	798
	2015	1,734	18	22	1,730	374	966	796
Côte d'Ivoire	2012	7,016	54	645	6,425	304	1,717	4,708
	2013	7,650	0	820	6,830	316	2,063	4,870
	2014	8,286	0	877	7,409	334	1,601	5,554
	2015	8,711	23	872	7,862	346	2,180	6,014
Dem. Rep. of the Congo	2012	7,612	626	48	8,190	117	910	7,383
	2013	8,258	626	48	8,836	122	987	7,271
	2014	8,840	1,138	69	9,909	132	2,535	7,899
	2015	8,942	20	422	8,540	111	1,907	7,266
Djibouti	2012	393	..	..	393	461	*96	*297
	2013	402	..	..	402	465	*96	*306
	2014	402	..	..	402	459	*97	*305
	2015	405	..	..	405	456	*97	*308
Egypt	2012	164,628	77	474	164,231	1,917	23,710	140,257
	2013	168,050	61	460	167,651	1,914	29,726	137,591
	2014	180,377	51	730	179,698	2,006	32,131	146,645
	2015	187,479	43	1,158	186,364	2,037	32,229	154,205
Equatorial Guinea	2012	410	..	..	410	530	*145	*266
	2013	414	..	..	414	519	*149	*266
	2014	939	..	..	939	1,144	*230	*709
	2015	*939	..	..	*939	*1,111	*236	*703
Eritrea	2012	359	..	..	359	73	74	285
	2013	363	..	..	363	73	68	295
	2014	388	..	..	388	76	74	314
	2015	406	..	..	406	78	74	332
Ethiopia	2012	7,608	..	563	7,045	76	1,756	5,276
	2013	8,719	..	954	7,765	82	1,672	6,087
	2014	9,534	..	712	8,822	91	2,162	6,660
	2015	10,437	..	166	10,271	103	2,085	8,314
Gabon	2012	2,151	..	..	2,151	1,333	532	1,619
	2013	2,264	184	..	2,448	1,483	606	1,842
	2014	2,367	388	..	2,755	1,632	684	2,071
	2015	2,126	337	..	2,463	1,428	611	1,852
Gambia	2012	*266	..	..	*266	*147	*73	*208
	2013	*261	..	..	*261	*140	*64	*209
	2014	*281	..	..	*281	*146	*63	*209
	2015	*284	..	..	*284	*143	*63	*212
Ghana	2012	12,204	128	667	11,665	457	1,615	9,906
	2013	13,050	27	530	12,547	480	1,841	10,636
	2014	13,143	51	522	12,672	473	1,919	10,694
	2015	11,672	223	587	11,308	413	1,586	9,684
Guinea	2012	728	..	..	728	63	*124	*604
	2013	654	..	..	654	55	*113	*541
	2014	712	..	..	712	58	*117	*596
	2015	1,118	..	..	1,118	89	*145	*966
Guinea-Bissau	2012	*34	..	..	*34	*20	0	*34
	2013	*35	..	..	*35	*20	0	*35
	2014	*35	..	..	*35	*20	0	*35
	2015	*36	..	..	*36	*20	0	*36

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Kenya	2012	7,852	39	33	7,858	185	1,444	6,760
	2013	8,448	49	36	8,461	194	1,525	7,296
	2014	9,139	158	27	9,270	207	1,706	7,786
	2015	9,515	59	46	9,528	207	1,689	7,732
Lesotho	2012	485	310	21	774	376	98	676
	2013	515	285	2	798	383	88	711
	2014	515	271	3	783	371	98	675
	2015	532	261	4	788	369	*94	*694
Liberia	2012	*300	..	..	*300	*72	*44	*256
	2013	*300	..	..	*300	*70	*44	*256
	2014	*300	..	..	*300	*68	*44	*256
	2015	*310	..	..	*310	*69	*45	*265
Libya	2012	34,275	61	14	34,322	5,462	21,328	12,994
	2013	37,913	64	1	37,976	6,061	23,910	14,066
	2014	37,731	88	0	37,819	6,042	26,929	10,890
	2015	37,713	88	0	37,801	6,021	28,021	9,780
Madagascar	2012	1,520	..	..	1,520	68	*64	1,100
	2013	1,593	..	..	1,593	70	*65	1,124
	2014	1,658	..	..	1,658	70	*67	1,170
	2015	1,712	..	..	1,712	71	*70	1,195
Malawi	2012	2,092	..	18	2,074	132	533	1,541
	2013	2,019	..	*18	2,001	124	506	*1,496
	2014	2,082	..	*18	2,064	124	543	*1,522
	2015	*2,103	..	*18	*2,085	*121	*544	*1,541
Mali	2012	1,363	..	*368	995	62	*135	*1,215
	2013	1,510	..	*300	1,210	73	131	1,281
	2014	*1,679	..	*300	*1,379	*81	*140	*1,340
	2015	*1,712	..	*300	*1,412	*80	*289	*1,345
Mauritania	2012	824	138	..	962	255	159	771
	2013	812	174	..	986	255	188	792
	2014	851	183	..	1,034	260	*197	844
	2015	1,002	183	..	1,185	291	*215	932
Mauritius	2012	2,798	..	..	2,798	2,223	501	2,294
	2013	2,882	..	..	2,882	2,281	496	2,384
	2014	2,936	..	..	2,936	2,314	480	2,452
	2015	2,996	..	..	2,996	2,353	486	2,506
Mayotte	2012	271	..	..	271	1,225	25	246
	2013	285	..	..	285	1,254	25	261
	2014	299	..	..	299	1,281	26	274
	2015	316	..	..	316	1,316	43	*273
Morocco	2012	27,797	5,660	818	32,639	974	5,293	27,345
	2013	28,242	5,551	151	33,642	989	5,609	28,033
	2014	29,384	6,138	128	35,394	1,026	6,140	29,254
	2015	31,217	5,138	165	36,190	1,051	6,252	29,939
Mozambique	2012	15,166	8,304	9,791	13,679	532	2,453	10,939
	2013	15,645	8,339	9,058	14,926	564	2,867	11,605
	2014	17,739	7,656	10,199	15,196	558	2,850	12,342
	2015	19,641	10,547	12,876	17,312	619	5,318	12,180
Namibia	2012	1,538	2,226	88	3,676	1,604	426	3,635
	2013	1,712	2,916	89	4,539	1,934	369	3,772
	2014	1,498	2,886	84	4,300	1,790	543	3,747
	2015	1,536	2,623	88	4,071	1,656	283	3,782

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Niger	2012	392	637	4	1,024	58	205	826
	2013	438	602	3	1,037	56	200	836
	2014	499	727	0	1,226	64	209	858
	2015	526	782	0	1,308	66	259	916
Nigeria	2012	28,706	..	..	28,706	171	3,547	25,159
	2013	28,883	..	..	28,883	167	5,396	23,487
	2014	30,390	..	..	30,390	171	5,951	24,439
	2015	31,426	..	..	31,426	172	6,337	25,089
Réunion	2012	2,811	..	..	2,811	3,334	284	2,540
	2013	2,813	..	..	2,813	3,313	269	2,555
	2014	2,857	..	..	2,857	3,341	259	2,598
	2015	2,891	..	..	2,891	3,357	234	2,657
Rwanda	2012	393	91	3	481	44	*101	380
	2013	413	94	0	507	46	*119	388
	2014	476	90	4	562	50	*123	438
	2015	524	42	3	563	48	144	419
Sao Tome and Principe	2012	77	..	..	77	431	*26	*51
	2013	71	..	..	71	388	*20	*51
	2014	*67	..	..	*67	*360	*16	*51
	2015	*70	..	..	*70	*366	*17	*53
Senegal	2012	2,917	290	..	3,207	233	343	2,313
	2013	3,253	308	..	3,561	250	632	3,079
	2014	3,394	321	..	3,715	253	660	3,200
	2015	3,613	342	..	3,955	261	703	3,371
Seychelles	2012	336	..	..	336	3,560	49	314
	2013	354	..	..	354	3,720	49	307
	2014	363	..	..	363	3,784	51	313
	2015	378	..	..	378	3,918	*53	324
Sierra Leone	2012	179	..	..	179	30	79	100
	2013	164	..	..	164	27	95	69
	2014	181	..	..	181	29	81	86
	2015	*205	..	..	*205	*32	*95	*110
Somalia	2012	340	..	..	340	34	*32	308
	2013	350	..	..	350	34	*35	315
	2014	350	..	..	350	33	*35	315
	2015	350	..	..	350	32	*35	315
South Africa	2012	257,995	10,006	15,035	252,966	4,788	52,440	200,526
	2013	256,353	9,428	13,929	251,852	4,715	52,039	199,813
	2014	254,768	11,177	13,836	252,109	4,671	53,350	198,759
	2015	249,655	13,059	14,609	248,105	4,553	49,644	198,461
South Sudan	2012	445	..	..	445	41	44	385
	2013	472	..	..	472	41	45	415
	2014	488	..	..	488	41	47	429
	2015	330	..	..	330	27	32	290
St. Helena and Depend.	2012	10	..	..	10	2,362	*1	9
	2013	11	..	..	11	2,645	*2	9
	2014	10	..	..	10	2,476	*1	9
	2015	10	..	..	10	2,557	*1	9
Sudan	2012	9,510	..	..	9,510	252	1,900	7,611
	2013	10,607	..	..	10,607	275	2,712	7,895
	2014	11,376	..	..	11,376	289	1,666	9,710
	2015	13,047	..	..	13,047	324	2,467	10,580

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Swaziland	2012	*622	813	..	1,435	1,165	189	1,246
	2013	*590	822	..	1,412	1,129	184	1,227
	2014	567	860	..	1,427	1,124	456	1,018
	2015	*496	980	..	1,476	1,147	*180	1,074
Togo	2012	399	679	..	1,079	160	175	904
	2013	360	773	..	1,133	164	196	937
	2014	358	857	..	1,215	171	192	1,023
	2015	444	857	..	1,301	178	200	1,100
Tunisia	2012	18,059	384	426	18,017	1,656	3,628	14,386
	2013	18,382	177	233	18,326	1,665	3,589	14,729
	2014	19,024	536	625	18,935	1,701	3,723	15,190
	2015	19,676	403	500	19,579	1,740	4,665	15,437
Uganda	2012	2,909	35	99	2,844	80	706	*2,138
	2013	3,416	46	106	3,356	92	725	2,631
	2014	3,551	33	168	3,416	90	648	2,768
	2015	3,473	48	122	3,399	87	608	2,791
United Rep. of Tanzania	2012	5,589	61	..	5,650	116	1,061	4,441
	2013	5,941	59	..	6,000	119	1,155	4,836
	2014	6,219	59	..	6,278	121	1,153	4,976
	2015	6,295	71	..	6,366	119	1,141	5,250
Zambia	2012	12,369	163	980	11,552	781	1,233	10,319
	2013	13,301	73	1,083	12,291	806	1,445	10,846
	2014	14,455	13	1,256	13,212	840	2,493	10,719
	2015	13,440	785	1,176	13,050	805	1,600	11,450
Zimbabwe	2012	9,149	1,076	701	9,524	654	1,866	7,831
	2013	9,499	1,722	1,189	10,032	673	1,814	8,285
	2014	9,812	1,127	1,226	9,713	637	1,832	8,238
	2015	9,522	1,139	1,239	9,422	604	1,843	6,876
America, North	2012	5,367,275	73,594	71,567	5,369,302	9,624	804,071	4,593,489
	2013	5,404,593	84,016	76,577	5,412,032	9,609	780,832	4,625,817
	2014	5,444,818	84,611	76,994	5,452,435	9,591	792,241	4,662,937
	2015	5,439,789	89,216	82,167	5,446,838	9,493	799,536	4,660,495
Anguilla	2012	90	..	..	90	6,333	11	*79
	2013	89	..	..	89	6,196	11	*77
	2014	90	..	..	90	6,189	11	*78
	2015	94	..	..	94	6,453	13	*81
Antigua and Barbuda	2012	330	..	..	330	3,705	86	247
	2013	*330	..	..	*330	*3,667	91	*237
	2014	*336	..	..	*336	*3,696	*94	*242
	2015	*340	..	..	*340	*3,703	*90	*250
Aruba	2012	915	..	..	915	8,931	148	*766
	2013	*928	..	..	*928	*9,018	149	*779
	2014	*917	..	..	*917	*8,861	138	*779
	2015	*932	..	..	*932	*8,967	153	*778
Bahamas	2012	1,900	..	..	1,900	5,102	*122	1,778
	2013	1,885	..	..	1,885	4,989	118	1,767
	2014	1,922	..	..	1,922	5,018	*86	1,836
	2015	*2,117	..	..	*2,117	*5,456	*103	*2,014
Barbados	2012	1,129	..	..	1,129	4,008	80	1,048
	2013	1,016	..	..	1,016	3,596	101	915
	2014	1,021	..	..	1,021	3,601	106	*914
	2015	1,029	..	..	1,029	3,622	96	*933

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Belize	2012	*424	172	..	*596	*1,769	70	526
	2013	*371	234	..	*605	*1,758	80	536
	2014	*404	233	..	*637	*1,812	79	558
	2015	*417	255	..	*672	*1,870	83	589
Bermuda	2012	700	..	..	700	11,083	94	606
	2013	677	..	..	677	10,788	90	586
	2014	661	..	..	661	10,595	*82	577
	2015	674	..	..	674	10,875	*84	591
Bonaire, St Eustatius, Saba	2012	114	..	..	114	4,955	*30	*83
	2013	116	..	..	116	4,910	*31	*85
	2014	120	..	..	120	4,936	*32	*88
	2015	127	..	..	127	5,096	*31	*96
British Virgin Islands	2012	*131	..	..	*131	*4,597	*21	*110
	2013	*131	..	..	*131	*4,520	*21	*110
	2014	*134	..	..	*134	*4,520	*21	*113
	2015	*134	..	..	*134	*4,440	*21	*113
Canada	2012	636,762	10,841	57,639	589,964	16,920	97,777	509,483
	2013	665,356	10,694	62,578	613,472	17,413	102,386	504,654
	2014	668,127	12,808	58,421	622,514	17,492	106,714	510,370
	2015	670,851	8,726	68,255	611,322	17,010	116,086	503,065
Cayman Islands	2012	607	..	..	607	10,552	39	568
	2013	615	..	..	615	10,537	40	575
	2014	621	..	..	621	10,490	37	584
	2015	640	..	..	640	10,670	38	602
Costa Rica	2012	10,174	419	402	10,191	2,190	1,192	9,019
	2013	10,234	531	484	10,282	2,185	1,192	9,102
	2014	10,216	759	555	10,421	2,190	1,223	9,207
	2015	10,812	537	643	10,705	2,227	1,285	9,428
Cuba	2012	18,432	..	..	18,432	1,625	3,884	14,545
	2013	19,140	..	..	19,140	1,684	3,969	15,188
	2014	19,366	..	..	19,366	1,702	3,974	15,392
	2015	20,288	..	..	20,288	1,781	4,128	16,160
Curaçao	2012	917	..	..	917	6,008	233	684
	2013	904	..	..	904	5,859	230	674
	2014	891	..	..	891	5,720	227	664
	2015	862	..	..	862	5,483	180	682
Dominica	2012	150	..	..	150	2,087	60	90
	2013	144	..	..	144	1,996	54	89
	2014	147	..	..	147	2,037	56	91
	2015	151	..	..	151	2,079	56	95
Dominican Republic	2012	17,224	..	..	17,224	1,696	2,720	14,528
	2013	18,406	..	..	18,406	1,790	2,762	15,669
	2014	17,692	..	..	17,692	1,700	2,821	14,894
	2015	18,505	..	..	18,505	1,758	2,952	15,578
El Salvador	2012	6,237	163	78	6,322	1,041	919	5,383
	2013	6,272	283	91	6,464	1,061	818	5,647
	2014	6,223	589	208	6,604	1,081	1,049	5,608
	2015	5,989	963	64	6,888	1,124	1,031	5,734
Greenland	2012	459	..	..	459	8,151	149	384
	2013	473	..	..	473	8,403	155	392
	2014	488	..	..	488	8,684	122	406
	2015	520	..	..	520	9,258	121	420

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Grenada	2012	200	..	..	200	1,893	21	179
	2013	197	..	..	197	1,857	21	176
	2014	200	..	..	200	1,880	21	179
	2015	207	..	..	207	1,937	23	184
Guadeloupe	2012	1,726	..	..	1,726	3,745	219	1,507
	2013	1,729	..	..	1,729	3,731	219	1,511
	2014	1,734	..	..	1,734	3,720	226	1,510
	2015	1,781	..	..	1,781	3,801	277	1,504
Guatemala	2012	9,335	372	196	9,512	619	956	7,741
	2013	10,024	313	588	9,750	621	1,068	7,582
	2014	10,638	545	1,207	9,975	623	1,186	8,288
	2015	10,302	585	1,087	9,799	600	333	9,466
Haiti	2012	1,100	..	..	1,100	107	655	493
	2013	1,055	..	..	1,055	101	618	456
	2014	1,033	..	..	1,033	98	632	410
	2015	1,038	..	..	1,038	97	625	411
Honduras	2012	7,740	154	79	7,815	1,010	2,552	5,308
	2013	8,074	268	156	8,186	1,043	2,775	5,455
	2014	8,038	827	505	8,360	1,050	2,809	5,552
	2015	8,965	679	536	9,108	1,128	1,295	7,814
Jamaica	2012	4,156	..	..	4,156	1,504	1,076	3,081
	2013	4,256	..	..	4,256	1,535	1,212	*3,039
	2014	4,123	..	..	4,123	1,481	1,115	*3,008
	2015	4,291	..	..	4,291	1,536	1,333	3,043
Martinique	2012	*1,780	..	..	*1,780	*4,507	*197	*1,558
	2013	*1,764	..	..	*1,764	*4,460	*195	*1,544
	2014	*1,764	..	..	*1,764	*4,454	*210	*1,544
	2015	*1,778	..	..	*1,778	*4,485	*216	1,441
Mexico	2012	307,228	2,177	1,116	308,289	2,525	72,228	247,710
	2013	297,326	1,210	1,240	297,296	2,403	57,789	241,470
	2014	301,496	2,124	2,653	300,967	2,400	57,327	252,220
	2015	311,138	1,650	2,320	310,468	2,444	58,506	257,450
Montserrat	2012	*23	..	..	*23	*4,573	*4	19
	2013	*23	..	..	*23	*4,543	*4	20
	2014	24	..	..	24	4,711	*5	20
	2015	*24	..	..	*24	*4,683	*5	20
Nicaragua	2012	4,031	20	3	4,048	689	994	3,041
	2013	4,166	52	16	4,202	707	1,043	3,196
	2014	4,446	22	49	4,419	735	1,087	3,325
	2015	4,579	34	22	4,591	755	1,201	3,396
Panama	2012	8,606	19	59	8,566	2,288	1,368	7,176
	2013	8,962	75	71	8,966	2,356	1,431	7,511
	2014	9,287	193	99	9,381	2,426	1,528	7,832
	2015	10,295	17	139	10,173	2,589	1,601	8,549
Puerto Rico	2012	22,587	..	..	22,587	6,112	*4,131	18,456
	2013	21,812	..	..	21,812	5,910	*3,459	18,353
	2014	21,316	..	..	21,316	5,782	*3,695	17,621
	2015	21,160	..	..	21,160	5,745	*3,675	17,485
Sint Maarten (Dutch part)	2012	*402	..	..	*402	*11,433	*36	*366
	2013	410	..	..	410	11,243	37	373
	2014	*418	..	..	*418	*11,086	*38	*380
	2015	*433	..	..	*433	*11,163	*39	*394

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
St. Kitts-Nevis	2012	218	..	..	218	4,060	39	179
	2013	*220	..	..	*220	*4,051	*40	*180
	2014	*221	..	..	*221	*4,028	*41	*180
	2015	*225	..	..	*225	*4,054	*42	*184
St. Lucia	2012	385	..	..	385	2,127	51	333
	2013	383	..	..	383	2,101	48	334
	2014	379	..	..	379	2,066	47	332
	2015	381	..	..	381	2,061	44	338
St. Pierre-Miquelon	2012	43	..	..	43	6,927	3	41
	2013	47	..	..	47	7,410	2	45
	2014	48	..	..	48	7,692	2	46
	2015	49	..	..	49	7,867	5	45
St. Vincent-Grenadines	2012	*139	..	..	*139	*1,272	12	123
	2013	*139	..	..	*139	*1,271	*14	125
	2014	*157	..	..	*157	*1,440	*16	*140
	2015	*166	..	..	*166	*1,517	*16	*150
Trinidad and Tobago	2012	9,132	..	..	9,132	6,807	571	8,560
	2013	9,505	..	..	9,505	7,050	580	8,926
	2014	9,895	..	..	9,895	7,305	588	9,306
	2015	10,300	..	..	10,300	7,573	596	9,703
Turks and Caicos Islands	2012	*210	..	..	*210	*6,475	*16	194
	2013	*209	..	..	*209	*6,314	*16	193
	2014	*227	..	..	*227	*6,728	*18	209
	2015	*239	..	..	*239	*6,960	*19	*220
United States	2012	4,290,660	59,257	11,995	4,337,922	13,780	611,148	3,726,774
	2013	4,306,371	70,355	11,353	4,365,373	13,765	597,809	3,767,564
	2014	4,339,210	66,511	13,298	4,392,423	13,750	604,630	3,787,793
	2015	4,317,159	75,770	9,100	4,383,829	13,624	602,993	3,780,836
United States Virgin Is.	2012	881	..	..	881	8,295	157	724
	2013	834	..	..	834	7,852	153	681
	2014	*788	..	..	*788	*7,421	*147	641
	2015	*797	..	..	*797	*7,497	*141	*656
America, South	2012	1,092,636	50,310	49,382	1,093,564	2,695	205,157	884,153
	2013	1,129,889	50,019	49,221	1,130,687	2,757	212,234	927,935
	2014	1,149,317	44,690	43,745	1,150,262	2,777	224,104	918,407
	2015	1,143,471	44,220	44,281	1,143,410	2,733	227,205	909,650
Argentina	2012	135,207	8,116	506	142,817	3,393	23,080	119,850
	2013	140,863	8,303	247	148,919	3,501	24,792	124,127
	2014	138,576	10,028	166	148,438	3,454	22,173	126,266
	2015	145,447	9,018	55	154,410	3,556	24,771	129,641
Bolivia (Plur. State of)	2012	7,661	..	..	7,661	748	1,028	6,613
	2013	8,065	..	..	8,065	775	919	6,962
	2014	8,755	..	..	8,755	829	997	7,392
	2015	8,528	..	..	8,528	795	1,023	7,875
Brazil	2012	552,498	40,722	467	592,753	2,929	120,705	472,048
	2013	570,838	40,334	0	611,172	2,992	124,717	486,454
	2014	590,542	33,778	3	624,317	3,030	120,317	504,001
	2015	581,228	34,642	219	615,651	2,962	122,963	492,687
Chile	2012	69,751	0	..	69,751	4,011	8,112	62,245
	2013	73,065	..	..	73,065	4,157	9,075	65,201
	2014	71,566	..	..	71,566	4,029	6,353	66,875
	2015	75,387	..	..	75,387	4,200	7,708	66,836

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Colombia	2012	68,344	7	713	67,638	1,443	9,544	59,285
	2013	70,858	5	1,374	69,489	1,468	8,572	67,260
	2014	70,059	47	849	69,257	1,449	9,464	51,268
	2015	67,527	45	484	67,088	1,391	11,290	51,153
Ecuador	2012	22,848	238	12	23,074	1,496	3,598	19,492
	2013	23,774	662	29	24,407	1,558	3,991	20,420
	2014	24,307	837	47	25,097	1,578	3,634	21,697
	2015	25,950	512	46	26,416	1,636	3,684	22,874
Falkland Is. (Malvinas)	2012	*18	..	..	*18	*6,165	0	*18
	2013	*18	..	..	*18	*6,135	0	*18
	2014	*18	..	..	*18	*6,105	0	*18
	2015	*18	..	..	*18	*6,080	0	*18
French Guiana	2012	874	..	..	874	3,536	111	764
	2013	883	..	..	883	3,473	114	769
	2014	911	..	..	911	3,484	136	776
	2015	923	..	..	923	3,436	130	793
Guyana	2012	942	..	..	942	1,243	370	526
	2013	962	..	..	962	1,264	258	704
	2014	979	..	..	979	1,282	244	736
	2015	1,039	..	..	1,039	1,355	249	790
Paraguay	2012	60,235	..	47,663	12,572	1,971	4,350	8,222
	2013	60,381	..	47,365	13,016	2,013	3,998	9,018
	2014	55,282	..	41,400	13,882	2,119	3,850	10,030
	2015	55,744	..	41,127	14,618	2,202	4,041	10,576
Peru	2012	40,044	5	2	40,047	1,328	3,944	35,969
	2013	43,330	0	0	43,330	1,418	5,145	38,208
	2014	45,508	0	13	45,495	1,469	5,818	39,719
	2015	48,277	1	55	48,223	1,537	5,891	42,334
Suriname	2012	1,961	..	..	1,961	3,710	261	1,668
	2013	2,035	..	..	2,035	3,815	281	1,737
	2014	2,073	..	..	2,073	3,852	263	1,768
	2015	2,079	..	..	2,079	3,830	308	1,772
Uruguay	2012	10,601	742	20	11,323	3,333	1,640	9,579
	2013	11,658	0	206	11,451	3,360	1,712	9,850
	2014	13,008	0	1,267	11,742	3,434	1,720	10,132
	2015	13,734	2	1,321	12,415	3,618	1,983	10,539
Venezuela (Bolivar. Rep.)	2012	121,653	480	..	122,133	4,091	28,415	87,873
	2013	123,160	715	..	123,875	4,092	28,660	97,208
	2014	127,732	..	..	127,732	4,161	49,136	77,729
	2015	117,590	..	974	116,616	3,749	43,164	71,762
Asia	2012	10,310,482	89,981	79,292	10,321,171	2,423	1,711,070	8,601,139
	2013	11,033,840	95,266	81,229	11,047,876	2,566	1,873,082	9,181,308
	2014	11,509,323	97,198	80,256	11,526,265	2,650	1,875,506	9,557,967
	2015	11,840,982	101,508	76,733	11,865,756	2,701	1,934,448	9,891,792
Afghanistan	2012	1,022	3,071	..	4,093	138	459	3,265
	2013	*1,022	3,615	..	4,638	151	*547	*3,322
	2014	*1,049	3,711	..	4,760	151	*558	*3,767
	2015	*1,034	3,779	..	4,813	148	*660	*3,888
Armenia	2012	8,036	98	1,696	6,438	2,162	1,318	5,120
	2013	7,710	148	1,313	6,545	2,187	1,278	5,404
	2014	7,750	206	1,314	6,642	2,210	1,290	5,353
	2015	7,799	174	1,424	6,549	2,170	1,181	5,368

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Azerbaijan	2012	22,988	141	680	22,449	2,398	6,974	15,394
	2013	23,354	127	495	22,986	2,420	6,921	15,982
	2014	24,728	124	489	24,363	2,530	7,368	16,907
	2015	24,688	108	265	24,531	2,515	6,805	17,619
Bahrain	2012	24,770	35	190	24,615	18,458	1,534	23,315
	2013	25,909	70	53	25,926	19,213	1,413	24,513
	2014	27,253	240	237	27,256	20,013	1,076	26,186
	2015	29,987	219	198	30,008	21,789	2,167	27,815
Bangladesh	2012	48,562	..	..	48,562	313	8,518	40,242
	2013	53,120	..	..	53,120	338	10,016	42,881
	2014	55,845	..	..	55,845	351	9,542	45,965
	2015	59,011	..	..	59,011	367	9,834	48,570
Bhutan	2012	6,827	37	4,890	1,973	2,653	143	1,770
	2013	7,640	108	5,648	2,100	2,783	197	1,841
	2014	7,004	187	4,992	2,199	2,875	137	2,004
	2015	7,748	125	5,721	2,151	2,776	128	2,057
Brunei Darussalam	2012	3,930	..	..	3,930	9,691	723	3,208
	2013	4,402	..	..	4,402	10,697	1,247	3,155
	2014	4,506	..	..	4,506	10,796	1,148	3,357
	2015	4,200	..	..	4,200	9,925	1,035	3,391
Cambodia	2012	1,434	2,104	..	3,538	239	304	3,234
	2013	1,778	2,282	..	4,060	269	551	3,509
	2014	3,062	1,803	..	4,865	317	807	4,058
	2015	4,397	1,526	..	5,923	380	939	4,984
China	2012	4,987,553	6,874	17,653	4,976,774	3,672	854,638	4,121,626
	2013	5,431,637	7,438	18,669	5,420,406	3,978	936,237	4,484,105
	2014	5,649,583	6,750	18,158	5,638,175	4,117	951,993	4,686,376
	2015	5,814,573	6,210	18,654	5,802,129	4,217	970,593	4,831,403
China, Hong Kong SAR	2012	38,752	11,156	1,838	48,070	6,769	5,039	43,031
	2013	39,063	9,969	1,650	47,382	6,614	4,826	42,556
	2014	39,803	10,288	1,226	48,865	6,762	4,986	43,880
	2015	37,924	11,742	1,187	48,479	6,652	4,567	43,912
China, Macao SAR	2012	561	3,855	..	4,416	7,917	213	4,203
	2013	413	4,059	..	4,472	7,872	183	4,288
	2014	641	4,099	..	4,740	8,202	210	4,530
	2015	962	4,054	..	5,016	8,536	185	4,831
Cyprus	2012	4,717	..	..	4,717	4,177	319	4,409
	2013	4,290	..	..	4,290	3,758	371	3,921
	2014	4,350	..	..	4,350	3,771	385	3,965
	2015	4,533	..	..	4,533	3,890	443	4,091
Georgia	2012	9,698	615	528	9,785	2,364	1,604	8,168
	2013	10,059	484	450	10,093	2,472	1,019	9,074
	2014	10,370	794	545	10,619	2,632	834	9,784
	2015	10,833	699	660	10,872	2,718	966	9,907
India	2012	1,035,264	5,152	..	1,040,416	823	242,544	785,130
	2013	1,193,480	5,598	..	1,199,078	937	309,023	890,055
	2014	1,308,873	4,998	..	1,313,871	1,014	*279,116	948,327
	2015	1,354,382	5,244	..	1,359,626	1,037	325,460	1,029,080
Indonesia	2012	196,181	2	..	196,183	791	23,638	173,991
	2013	216,186	3	..	216,189	860	25,712	187,426
	2014	220,794	9	..	220,803	868	26,427	199,260
	2015	263,088	13	..	263,101	1,021	30,696	212,767

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Iran (Islamic Rep. of)	2012	254,276	3,897	11,029	247,144	3,245	47,743	199,402
	2013	262,434	3,707	11,586	254,555	3,299	49,891	205,593
	2014	274,437	3,772	9,660	268,549	3,437	46,124	221,428
	2015	280,633	4,148	6,822	277,959	3,514	44,863	232,820
Iraq	2012	46,018	10,170	..	56,188	1,705	21,170	35,076
	2013	58,422	12,202	..	70,624	2,071	25,595	45,042
	2014	67,768	12,251	..	80,019	2,269	36,025	43,993
	2015	*68,688	13,104	..	*81,792	*2,246	32,887	42,035
Israel	2012	63,003	..	4,434	58,569	7,612	7,407	51,804
	2013	61,322	..	4,675	56,647	7,246	5,185	51,640
	2014	60,813	..	4,844	55,969	7,049	4,610	51,318
	2015	64,226	..	5,197	59,029	7,320	5,169	54,373
Japan	2012	1,064,791	..	..	1,064,791	8,375	108,358	963,482
	2013	1,066,388	..	..	1,066,388	8,398	107,466	968,316
	2014	1,059,369	..	..	1,059,369	8,355	97,463	961,903
	2015	1,041,343	..	..	1,041,343	8,227	93,212	949,234
Jordan	2012	16,596	784	104	17,276	2,470	3,109	14,245
	2013	17,263	381	59	17,585	2,437	3,121	14,472
	2014	18,270	435	64	18,641	2,514	3,300	15,321
	2015	19,012	1,768	145	20,634	2,717	3,452	16,528
Kazakhstan	2012	92,817	4,252	2,933	94,136	5,596	26,123	68,248
	2013	103,086	2,147	2,996	102,237	5,979	36,122	65,727
	2014	105,068	1,749	2,917	103,900	5,981	34,636	68,900
	2015	106,422	1,618	1,614	106,426	6,038	38,545	65,835
Korea, Dem.Ppl's.Rep.	2012	19,236	..	..	19,236	777	4,867	14,369
	2013	18,332	..	..	18,332	736	4,638	13,694
	2014	17,909	..	..	17,909	716	4,531	13,378
	2015	13,737	..	..	13,737	546	3,475	10,262
Korea, Republic of	2012	534,618	..	..	534,618	10,777	53,516	481,405
	2013	541,996	..	..	541,996	10,873	55,282	487,125
	2014	550,934	..	..	550,934	11,002	58,053	486,834
	2015	552,876	..	..	552,876	10,993	58,261	495,311
Kuwait	2012	62,655	..	..	62,655	18,322	22,921	39,734
	2013	60,982	..	..	60,982	16,969	21,203	39,779
	2014	65,140	..	..	65,140	17,356	22,088	43,052
	2015	67,918	..	..	67,918	17,450	24,622	43,296
Kyrgyzstan	2012	15,168	177	1,840	13,505	2,391	3,666	9,591
	2013	14,011	0	377	13,634	2,373	3,095	10,267
	2014	14,572	286	72	14,786	2,530	3,802	10,984
	2015	13,030	729	184	13,575	2,285	2,988	10,587
Lao People's Dem. Rep.	2012	12,760	1,329	10,363	3,726	576	*651	3,075
	2013	15,512	1,272	12,494	4,289	652	*908	3,381
	2014	15,639	1,559	11,936	5,261	787	851	3,791
	2015	16,501	2,050	10,842	7,709	1,133	547	4,239
Lebanon	2012	14,826	323	..	15,149	3,076	1,372	13,776
	2013	17,487	522	..	18,009	3,406	1,651	16,358
	2014	17,952	136	..	18,088	3,223	1,879	16,210
	2015	18,396	268	..	18,664	3,190	1,925	16,603
Malaysia	2012	134,421	100	15	134,506	4,635	18,153	116,353
	2013	138,331	221	23	138,529	4,701	15,453	123,076
	2014	147,461	23	12	147,472	4,932	19,139	128,333
	2015	150,123	13	3	150,133	4,950	17,934	132,199

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Maldives	2012	299	..	..	299	867	*28	*271
	2013	304	..	..	304	865	*30	*273
	2014	329	..	..	329	920	34	*295
	2015	391	..	..	391	1,077	42	*349
Mongolia	2012	4,816	366	21	5,160	1,838	1,388	3,773
	2013	5,020	1,196	18	6,197	2,167	1,465	4,732
	2014	5,376	1,349	33	6,692	2,300	1,565	5,158
	2015	5,513	1,417	51	6,879	2,325	1,561	5,284
Myanmar	2012	10,965	..	..	10,965	209	2,710	8,255
	2013	12,247	..	..	12,247	231	2,634	9,613
	2014	14,156	..	..	14,156	265	2,901	11,255
	2015	15,970	..	..	15,970	296	2,573	13,397
Nepal	2012	3,543	793	4	4,332	158	1,090	3,240
	2013	3,130	1,072	4	4,198	151	785	3,413
	2014	3,508	1,319	3	4,823	171	*765	3,491
	2015	3,503	1,758	3	5,258	184	1,354	3,896
Oman	2012	25,017	..	..	25,017	7,057	4,062	20,956
	2013	26,240	..	..	26,240	6,716	3,450	22,790
	2014	29,128	..	..	29,128	6,876	3,955	25,173
	2015	32,758	..	..	32,758	7,295	3,846	28,912
Other Asia	2012	250,336	..	..	250,336	10,742	28,032	222,657
	2013	252,351	..	..	252,351	10,813	25,703	226,639
	2014	260,025	..	..	260,025	11,130	28,023	231,999
	2015	258,025	..	..	258,025	11,036	27,254	230,764
Pakistan	2012	*98,535	375	..	*98,910	*558	*22,122	76,788
	2013	*105,248	419	..	*105,667	*583	*22,258	83,409
	2014	*108,482	428	..	*108,910	*589	*22,582	86,328
	2015	*115,073	*437	..	*115,510	*611	*22,911	*92,599
Philippines	2012	72,956	..	..	72,956	760	13,711	59,211
	2013	75,300	..	..	75,300	772	13,700	61,566
	2014	77,295	..	..	77,295	780	13,916	63,345
	2015	82,447	..	..	82,447	819	14,606	67,808
Qatar	2012	34,787	..	..	34,787	17,259	4,604	30,184
	2013	34,668	..	..	34,668	16,498	4,603	30,066
	2014	38,692	..	..	38,692	17,813	4,909	33,784
	2015	41,499	..	..	41,499	18,565	5,121	36,378
Saudi Arabia	2012	271,680	..	..	271,680	9,211	40,373	231,307
	2013	284,017	..	..	284,017	9,404	35,791	248,226
	2014	311,806	..	..	311,806	10,095	39,691	272,115
	2015	338,336	..	..	338,336	10,727	45,892	292,765
Singapore	2012	46,936	..	..	46,936	8,857	2,344	44,215
	2013	47,963	..	..	47,963	8,874	3,041	44,963
	2014	49,310	..	..	49,310	8,955	3,035	46,417
	2015	50,272	..	..	50,272	8,971	2,427	47,514
Sri Lanka	2012	11,908	..	..	11,908	583	1,500	10,409
	2013	12,060	..	..	12,060	588	1,481	10,554
	2014	12,861	..	..	12,861	624	1,863	10,997
	2015	13,227	..	..	13,227	638	1,486	11,741
State of Palestine	2012	461	4,909	..	5,370	1,250	537	4,846
	2013	536	4,734	..	5,270	1,193	527	4,743
	2014	337	4,938	..	5,275	1,161	633	4,642
	2015	515	5,413	..	5,928	1,270	711	5,216

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Syrian Arab Republic	2012	31,188	..	0	31,188	1,561	8,574	22,614
	2013	25,933	..	529	25,404	1,315	6,599	18,805
	2014	21,726	..	138	21,588	1,150	5,835	15,753
	2015	17,881	..	262	17,619	952	4,654	12,965
Tajikistan	2012	16,998	114	775	16,337	2,060	2,602	13,711
	2013	17,115	117	1,061	16,171	1,993	2,684	13,487
	2014	16,472	13	1,366	15,119	1,822	2,891	12,344
	2015	17,162	63	1,400	15,825	1,866	2,790	12,446
Thailand	2012	166,471	10,527	1,912	175,086	2,607	15,858	*159,228
	2013	175,531	12,569	1,794	186,306	2,762	21,984	164,322
	2014	180,862	12,260	2,066	191,056	2,821	22,271	168,785
	2015	177,760	14,414	2,267	189,907	2,794	15,120	174,871
Timor-Leste	2012	126	..	..	126	114	*32	94
	2013	295	..	..	295	261	*78	*217
	2014	349	..	..	349	302	*91	*258
	2015	350	..	..	350	296	*96	254
Turkey	2012	239,496	5,827	2,954	242,369	3,238	49,473	192,896
	2013	240,154	7,429	1,227	246,356	3,232	50,188	196,168
	2014	251,963	7,953	2,696	257,220	3,318	51,778	205,442
	2015	261,783	7,136	3,195	265,724	3,378	50,915	214,809
Turkmenistan	2012	17,750	..	2,720	15,030	2,906	5,335	9,695
	2013	18,870	..	2,850	16,020	3,057	5,686	10,334
	2014	20,400	..	3,210	17,190	3,239	6,101	11,089
	2015	22,534	..	3,201	19,333	3,598	6,860	12,473
United Arab Emirates	2012	106,222	215	249	106,188	11,861	12,131	88,247
	2013	109,979	226	242	109,964	12,164	12,239	95,365
	2014	116,528	248	276	116,501	12,822	13,206	101,174
	2015	127,366	234	249	127,351	13,908	9,926	111,076
Uzbekistan	2012	52,500	12,524	12,435	52,589	1,839	9,128	43,461
	2013	54,200	12,930	12,838	54,292	1,870	9,424	44,868
	2014	55,400	13,216	13,122	55,494	1,883	9,632	45,862
	2015	57,280	11,336	12,384	56,232	1,881	9,760	46,472
Viet Nam	2012	118,940	159	29	119,070	1,318	*15,503	104,255
	2013	128,549	221	178	128,592	1,407	*16,049	115,283
	2014	145,730	2,053	880	146,903	1,589	*18,276	128,627
	2015	*157,949	1,709	805	*158,853	*1,700	*18,792	143,683
Yemen	2012	7,073	..	..	7,073	284	2,910	4,163
	2013	8,501	..	..	8,501	333	3,531	4,970
	2014	7,646	..	..	7,646	292	3,176	4,470
	2015	5,326	..	..	5,326	198	2,212	3,114
Europe	2012	4,893,277	431,636	443,889	4,881,024	6,622	934,547	3,941,955
	2013	4,849,364	419,115	430,068	4,838,411	6,560	911,906	3,923,636
	2014	4,766,004	455,993	467,542	4,754,454	6,442	906,775	3,837,183
	2015	4,797,460	484,574	493,408	4,788,626	6,467	923,374	3,857,095
Albania	2012	4,725	2,538	0	7,263	2,521	1,503	5,760
	2013	6,956	2,323	0	9,279	3,218	2,386	6,892
	2014	4,724	3,250	183	7,791	2,696	1,268	6,523
	2015	5,895	2,355	956	7,294	2,518	1,397	5,897
Andorra	2012	88	474	..	562	7,083	74	488
	2013	115	438	3	550	7,246	71	482
	2014	127	415	..	542	7,446	67	474
	2015	99	*452	..	*551	*7,824	68	483

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Austria	2012	72,601	23,264	20,455	75,410	8,918	14,323	61,087
	2013	68,312	24,960	17,689	75,583	8,906	14,572	61,011
	2014	65,442	26,712	17,437	74,717	8,773	14,039	60,678
	2015	65,299	29,369	19,311	75,357	8,819	14,544	60,813
Belarus	2012	30,799	10,398	2,797	38,400	4,046	8,022	30,378
	2013	31,507	9,382	3,012	37,877	3,988	7,942	29,935
	2014	34,735	7,806	4,488	38,053	4,005	7,833	30,220
	2015	34,077	6,104	3,482	36,699	3,865	7,411	29,279
Belgium	2012	82,923	16,848	6,912	92,859	8,381	11,695	81,173
	2013	83,488	17,243	7,603	93,128	8,350	10,397	83,029
	2014	72,672	21,791	4,188	90,275	8,041	9,488	81,153
	2015	70,648	23,714	2,715	91,647	8,111	9,156	81,714
Bosnia and Herzegovina	2012	14,082	4,481	4,525	14,038	3,667	2,941	11,097
	2013	17,451	3,167	6,862	13,756	3,598	2,823	10,933
	2014	16,160	3,162	5,998	13,324	3,490	2,737	10,587
	2015	15,629	3,872	6,007	13,494	3,541	2,819	10,675
Bulgaria	2012	47,329	2,353	10,661	39,021	5,343	11,140	27,845
	2013	43,784	3,351	9,532	37,603	5,185	10,070	27,532
	2014	47,485	4,319	13,774	38,030	5,281	10,298	27,674
	2015	49,228	4,251	14,826	38,653	5,406	10,305	28,326
Croatia	2012	10,755	13,174	5,743	18,186	4,242	2,836	15,350
	2013	14,052	11,260	7,391	17,921	4,195	2,849	15,072
	2014	13,554	10,898	6,945	17,507	4,114	2,674	14,833
	2015	11,403	13,158	6,369	18,192	4,290	2,849	15,343
Czechia	2012	87,418	11,587	28,707	70,298	6,666	14,329	53,884
	2013	86,913	10,571	27,458	70,026	6,640	14,309	53,587
	2014	86,148	11,842	28,142	69,848	6,625	14,069	53,420
	2015	83,892	16,146	28,661	71,377	6,770	14,558	54,474
Denmark	2012	30,701	15,920	10,706	35,915	6,412	4,542	31,181
	2013	34,743	11,459	10,377	35,825	6,370	4,564	31,106
	2014	32,184	12,702	9,847	35,039	6,205	4,388	30,530
	2015	28,947	15,645	9,734	34,858	6,149	3,930	30,700
Estonia	2012	11,967	2,710	4,950	9,727	7,346	2,749	6,978
	2013	13,275	2,712	6,300	9,687	7,338	2,867	6,820
	2014	12,446	3,730	6,484	9,692	7,364	2,786	6,906
	2015	10,417	5,452	6,377	9,492	7,232	2,640	6,852
Faeroe Islands	2012	292	..	..	292	6,025	*30	261
	2013	293	..	..	293	6,058	*18	275
	2014	305	..	..	305	6,334	*22	284
	2015	314	..	..	314	6,523	*26	288
Finland	2012	70,411	19,089	1,645	87,855	16,196	6,928	80,719
	2013	71,257	17,591	1,876	86,972	15,949	6,844	79,946
	2014	68,094	21,622	3,655	86,061	15,706	6,692	79,143
	2015	68,597	21,459	5,122	84,934	15,433	6,076	78,466
France	2012	564,897	12,213	56,734	520,376	8,182	87,682	434,093
	2013	572,299	11,687	60,148	523,838	8,200	84,818	440,710
	2014	563,694	7,873	75,063	496,504	7,739	82,314	414,810
	2015	568,454	9,961	74,024	504,391	7,598	82,722	424,919
Germany	2012	629,812	46,268	66,810	609,270	7,571	83,437	525,834
	2013	638,729	39,222	71,415	606,536	7,528	83,335	523,201
	2014	627,795	40,435	74,320	593,910	7,364	81,074	512,835
	2015	646,888	37,008	85,290	598,606	7,419	83,875	514,731

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Gibraltar	2012	176	..	..	176	5,605	9	167
	2013	189	..	..	189	5,958	10	179
	2014	198	..	..	198	6,188	10	188
	2015	207	..	..	207	6,425	10	197
Greece	2012	60,959	5,954	4,169	62,744	5,648	10,727	52,017
	2013	57,152	5,788	3,901	59,039	5,340	10,248	48,791
	2014	50,474	9,461	642	59,293	5,390	9,793	49,500
	2015	51,874	11,081	1,473	61,482	5,612	10,695	50,787
Guernsey	2012	68	313	..	381	6,031	*18	*363
	2013	289	111	..	400	6,304	*22	*378
	2014	227	156	..	383	6,009	*21	*362
	2015	157	218	..	375	6,146	*20	*355
Hungary	2012	34,635	16,970	9,003	42,602	4,278	7,364	35,004
	2013	30,294	16,635	4,758	42,171	4,249	7,294	34,873
	2014	29,392	19,079	5,689	42,782	4,326	7,054	34,737
	2015	30,342	19,935	6,249	44,028	4,468	7,053	36,193
Iceland	2012	17,549	..	..	17,549	54,263	905	16,357
	2013	18,116	..	..	18,116	55,674	656	16,823
	2014	18,123	..	..	18,123	55,368	1,339	16,830
	2015	18,799	..	..	18,799	57,066	1,359	17,470
Ireland	2012	27,353	784	370	27,767	5,949	3,448	24,163
	2013	25,920	2,625	383	28,162	6,029	3,609	24,201
	2014	26,087	2,853	704	28,236	6,040	3,482	24,136
	2015	28,387	1,752	1,079	29,060	6,198	3,511	25,070
Isle of Man	2012	296	180	48	428	4,987	47	381
	2013	*504	*47	77	*474	*5,482	*101	373
	2014	*504	*47	93	*458	*5,257	*90	368
	2015	*504	*40	87	*457	*5,208	*90	367
Italy	2012	299,277	45,407	2,304	342,380	5,728	45,644	296,742
	2013	289,807	44,338	2,200	331,945	5,551	44,547	287,398
	2014	279,827	46,747	3,031	323,543	5,409	42,046	281,498
	2015	282,994	50,849	4,471	329,372	5,505	41,889	287,483
Jersey	2012	114	601	..	715	7,285	68	646
	2013	157	568	..	724	7,339	71	656
	2014	108	566	..	674	6,797	60	615
	2015	48	625	..	673	6,554	52	622
Latvia	2012	6,167	4,935	3,244	7,858	3,857	1,007	6,848
	2013	6,209	5,005	3,650	7,564	3,760	984	6,576
	2014	5,141	5,340	3,023	7,458	3,749	874	6,582
	2015	5,533	5,246	3,425	7,354	3,732	891	6,461
Liechtenstein	2012	86	318	..	404	10,981	0	*404
	2013	85	319	..	404	10,904	0	404
	2014	41	355	..	396	10,629	0	396
	2015	70	325	..	395	10,530	0	395
Lithuania	2012	5,043	8,060	1,441	11,662	3,866	2,738	8,921
	2013	4,762	8,073	1,127	11,708	3,950	2,750	8,955
	2014	4,397	8,521	898	12,020	4,121	2,780	9,237
	2015	4,933	7,938	730	12,141	4,218	2,797	9,342
Luxembourg	2012	3,818	6,732	2,622	7,928	14,889	1,703	6,236
	2013	2,888	6,852	1,907	7,833	14,376	1,650	6,201
	2014	2,966	6,961	2,067	7,860	14,122	1,677	6,182
	2015	2,762	7,519	1,919	8,362	14,745	2,138	6,221

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Malta	2012	2,307	..	..	2,307	5,551	328	1,979
	2013	2,251	..	..	2,251	5,401	271	1,980
	2014	2,245	..	..	2,245	5,374	213	2,032
	2015	1,303	1,054	..	2,357	5,630	243	2,114
Montenegro	2012	2,844	1,440	228	4,056	6,501	836	3,220
	2013	3,945	388	733	3,600	5,763	894	2,706
	2014	3,173	903	642	3,434	5,492	824	2,610
	2015	3,003	1,040	517	3,526	5,635	717	2,679
Netherlands	2012	103,298	32,156	15,046	120,408	7,189	14,589	103,730
	2013	101,736	33,252	15,015	119,973	7,137	15,584	104,135
	2014	103,418	32,855	18,128	118,145	7,004	15,170	101,436
	2015	110,070	30,760	22,012	118,818	7,020	15,193	103,112
Norway	2012	147,716	4,190	22,006	129,900	25,885	18,270	110,778
	2013	133,981	10,135	15,141	128,975	25,372	16,276	111,699
	2014	141,968	6,347	21,932	126,383	24,550	16,491	109,025
	2015	145,021	7,371	22,016	130,376	25,020	18,723	110,768
Poland	2012	162,139	9,803	12,643	159,299	4,126	37,130	122,169
	2013	164,580	7,801	12,322	160,059	4,145	36,502	123,557
	2014	159,059	13,508	11,342	161,225	4,175	35,878	125,347
	2015	164,944	14,459	14,793	164,610	4,263	36,791	127,819
Portugal	2012	46,614	10,766	2,871	54,509	5,184	8,268	46,241
	2013	51,672	8,100	5,324	54,448	5,205	9,191	45,257
	2014	52,802	7,247	6,344	53,705	5,163	8,510	45,195
	2015	52,420	8,077	5,811	54,686	5,284	8,874	45,812
Republic of Moldova	2012	932	846	..	1,778	436	741	3,470
	2013	905	1,456	..	2,361	580	591	3,646
	2014	963	731	..	1,694	416	657	3,648
	2015	939	18	..	957	235	569	3,685
Romania	2012	59,045	3,903	3,650	59,298	2,973	17,240	42,386
	2013	58,887	2,737	4,753	56,871	2,873	16,554	40,628
	2014	65,676	2,811	9,937	58,550	2,979	16,593	41,905
	2015	66,296	4,492	11,220	59,568	3,053	16,434	43,030
Russian Federation	2012	1,070,734	2,661	19,143	1,054,252	7,358	312,553	740,285
	2013	1,059,092	4,706	18,382	1,045,416	7,292	301,325	744,091
	2014	1,064,207	6,623	14,671	1,056,159	7,364	318,329	737,830
	2015	1,067,544	6,586	18,244	1,055,886	7,360	329,568	726,318
Serbia	2012	36,799	5,781	5,392	37,188	4,140	10,021	27,167
	2013	39,877	4,077	6,614	37,340	4,178	10,437	26,903
	2014	34,060	7,008	5,445	35,623	4,006	9,465	26,158
	2015	38,298	6,303	7,221	37,380	4,223	10,307	27,073
Slovakia	2012	28,664	13,472	13,079	29,057	5,366	5,101	23,937
	2013	28,832	10,719	10,628	28,923	5,337	3,827	25,084
	2014	27,401	12,964	11,862	28,503	5,256	4,330	24,157
	2015	26,903	14,999	12,611	29,291	5,398	4,905	24,371
Slovenia	2012	15,736	7,452	8,491	14,697	7,125	2,269	12,428
	2013	16,103	7,521	8,811	14,813	7,174	2,334	12,479
	2014	17,437	7,254	9,997	14,694	7,112	2,235	12,459
	2015	15,100	9,045	9,093	15,052	7,280	2,264	12,788
Spain	2012	297,559	7,787	18,986	286,360	6,140	46,940	240,248
	2013	285,632	9,887	16,638	278,881	6,003	47,930	230,087
	2014	278,750	12,310	15,716	275,344	5,952	48,374	226,897
	2015	281,020	14,956	15,089	280,887	6,090	48,806	232,038

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Sweden	2012	166,562	11,682	31,255	146,989	15,402	17,910	127,286
	2013	153,166	12,674	22,676	143,164	14,875	16,689	125,016
	2014	153,662	13,852	29,475	138,039	14,226	14,044	122,191
	2015	162,058	9,294	31,894	139,458	14,260	12,437	124,859
Switzerland	2012	69,893	31,549	33,749	67,693	8,399	8,721	58,959
	2013	70,312	29,874	32,270	67,916	8,327	8,593	59,313
	2014	71,767	28,530	34,021	66,276	8,035	8,810	57,457
	2015	67,720	34,033	35,068	66,685	7,999	8,438	58,239
T.F.Yug.Rep. Macedonia	2012	6,262	2,741	72	8,931	4,316	1,926	7,005
	2013	6,094	2,491	62	8,522	4,112	1,722	6,801
	2014	5,374	3,073	113	8,334	4,015	1,604	6,729
	2015	5,646	2,656	143	8,159	3,926	1,532	6,628
Ukraine	2012	198,878	93	11,560	187,411	4,135	49,051	137,668
	2013	194,377	39	9,929	184,487	4,085	46,956	137,531
	2014	182,815	89	8,523	174,381	3,875	40,594	128,387
	2015	163,682	2,241	3,591	162,332	3,622	37,509	118,989
United Kingdom	2012	362,955	13,743	1,872	374,826	5,896	56,744	318,082
	2013	358,377	17,532	3,101	372,808	5,829	56,423	316,384
	2014	338,176	23,244	2,723	358,697	5,576	55,678	303,018
	2015	339,095	22,716	1,778	360,033	5,563	57,182	302,850
Oceania	2012	306,066	..	..	306,066	8,139	47,292	257,366
	2013	304,053	..	..	304,053	7,963	45,305	258,231
	2014	303,601	..	..	303,601	7,833	46,130	257,178
	2015	308,316	..	..	308,316	7,839	47,043	261,077
American Samoa	2012	157	..	..	157	2,836	22	134
	2013	*156	..	..	*156	*2,829	21	136
	2014	157	..	..	157	2,831	22	135
	2015	169	..	..	169	3,050	*14	*156
Australia	2012	251,165	..	..	251,165	10,962	41,144	209,917
	2013	249,720	..	..	249,720	10,731	39,333	210,180
	2014	248,299	..	..	248,299	10,511	40,243	208,055
	2015	252,360	..	..	252,360	10,529	41,044	211,318
Cook Islands	2012	*33	..	..	*33	*1,603	0	33
	2013	*33	..	..	*33	*1,576	0	33
	2014	*32	..	..	*32	*1,534	0	32
	2015	*29	..	..	*29	*1,411	0	29
Fiji	2012	803	..	..	803	919	*72	732
	2013	858	..	..	858	974	*77	780
	2014	859	..	..	859	969	*93	783
	2015	914	..	..	914	1,025	83	826
French Polynesia	2012	*768	..	..	*768	*2,804	*79	689
	2013	*744	..	..	*744	*2,689	*80	665
	2014	*721	..	..	*721	*2,577	*79	*642
	2015	*718	..	..	*718	*2,537	*80	*637
Guam	2012	1,784	..	..	1,784	10,958	214	1,564
	2013	1,736	..	..	1,736	10,516	187	1,550
	2014	*1,750	..	..	*1,750	*10,445	*172	*1,578
	2015	*1,731	..	..	*1,731	*10,187	*170	*1,561
Kiribati	2012	25	..	..	25	231	6	19
	2013	25	..	..	25	232	6	19
	2014	*26	..	..	*26	*231	5	*20
	2015	*28	..	..	*28	*245	*5	*20

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Marshall Islands	2012	78	..	..	78	1,475	10	*68
	2013	84	..	..	84	1,584	*11	*73
	2014	*85	..	..	*85	*1,611	*11	*74
	2015	*86	..	..	*86	*1,617	*11	*75
Micronesia (Fed. States of)	2012	*66	..	..	*66	*637	*16	*50
	2013	*67	..	..	*67	*646	*16	*52
	2014	69	..	..	69	659	*17	*51
	2015	*69	..	..	*69	*658	*17	*52
Nauru	2012	24	..	..	24	2,351	*2	*21
	2013	*24	..	..	*24	*2,400	*2	*22
	2014	*25	..	..	*25	*2,467	*2	*23
	2015	*25	..	..	*25	*2,455	*2	*23
New Caledonia	2012	2,288	..	..	2,288	9,039	71	2,217
	2013	2,506	..	..	2,506	9,769	68	2,437
	2014	3,011	..	..	3,011	11,591	58	2,953
	2015	2,903	..	..	2,903	11,035	61	2,842
New Zealand	2012	44,264	..	..	44,264	9,979	5,065	37,904
	2013	43,268	..	..	43,268	9,690	4,887	38,070
	2014	43,505	..	..	43,505	9,677	4,757	38,442
	2015	44,205	..	..	44,205	9,761	4,881	39,134
Niue	2012	3	..	..	3	2,064	0	3
	2013	3	..	..	3	2,082	0	3
	2014	3	..	..	3	2,004	0	3
	2015	3	..	..	3	2,106	0	3
Northern Mariana Islands	2012	*411	..	..	*411	*7,703	*91	*319
	2013	*415	..	..	*415	*7,700	*92	*322
	2014	*419	..	..	*419	*7,680	*93	*326
	2015	*430	..	..	*430	*7,805	*96	*334
Palau	2012	*95	..	..	*95	*4,565	*21	*73
	2013	*95	..	..	*95	*4,529	*21	*73
	2014	*95	..	..	*95	*4,496	*21	*73
	2015	*95	..	..	*95	*4,455	*21	*74
Papua New Guinea	2012	3,764	..	..	3,764	526	*435	3,329
	2013	3,964	..	..	3,964	542	454	3,513
	2014	4,176	..	..	4,176	560	512	3,664
	2015	*4,176	..	..	*4,176	*548	*512	*3,664
Samoa	2012	112	..	..	112	594	*16	*96
	2013	121	..	..	121	637	22	99
	2014	*130	..	..	*130	*677	*17	*113
	2015	134	..	..	134	694	18	116
Solomon Islands	2012	83	..	..	83	152	*12	*71
	2013	89	..	..	89	159	*12	*77
	2014	94	..	..	94	164	*12	*82
	2015	97	..	..	97	166	*14	*83
Tonga	2012	52	..	..	52	500	8	*45
	2013	53	..	..	53	507	7	*46
	2014	55	..	..	55	517	7	*48
	2015	55	..	..	55	522	6	*49
Tuvalu	2012	*5	..	..	*5	*517	0	*5
	2013	*5	..	..	*5	*516	0	*5
	2014	*5	..	..	*5	*516	0	*5
	2015	*7	..	..	*7	*716	0	*7

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Vanuatu	2012	67	..	..	67	272	5	61
	2013	*68	..	..	*68	*267	5	62
	2014	*67	..	..	*67	*257	5	61
	2015	*64	..	..	*64	*240	*5	58
Wallis and Futuna Is.	2012	19	..	..	19	1,422	3	*16
	2013	19	..	..	19	1,420	3	*15
	2014	19	..	..	19	1,405	3	*16
	2015	18	..	..	18	1,395	3	*16

Production of heat – by type

Terajoules

Table Notes

Direct use geothermal represents heat used directly for district heating, agriculture etc. without a commercial transaction taking place.

Direct use solar thermal represents heat used for the production of domestic hot water or for the seasonal heating of swimming pools (e.g. flat plate collectors, mainly of the thermosyphon type) without a commercial transaction taking place.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Figure 84: Heat production by region, 1990-2015

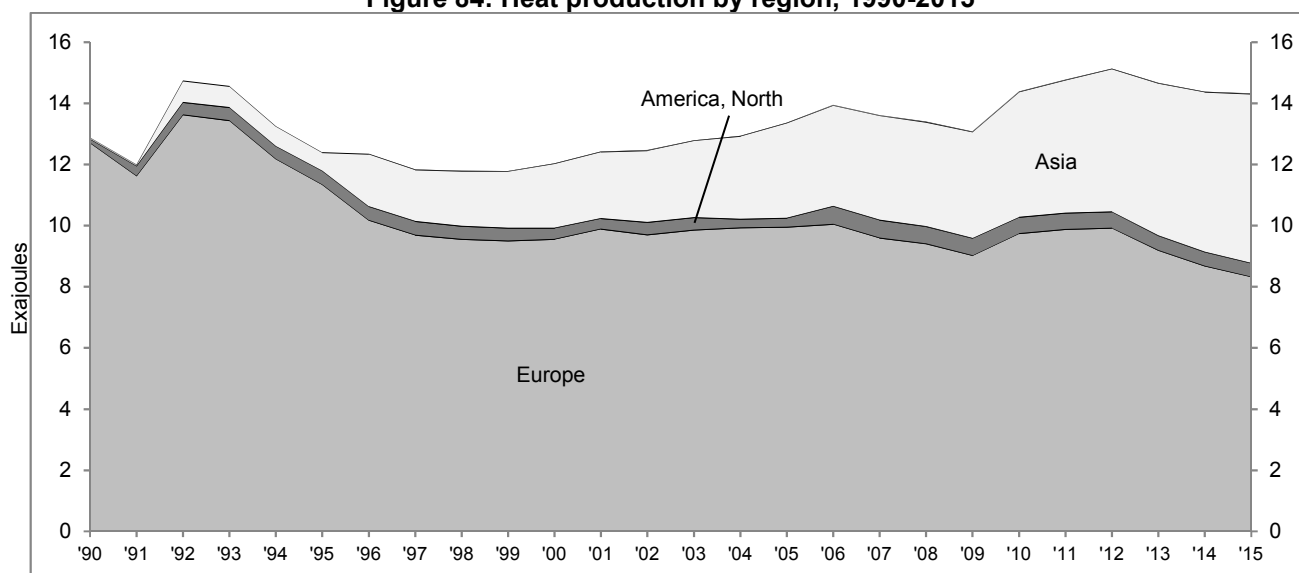


Figure 85: Major heat producing countries, 2015

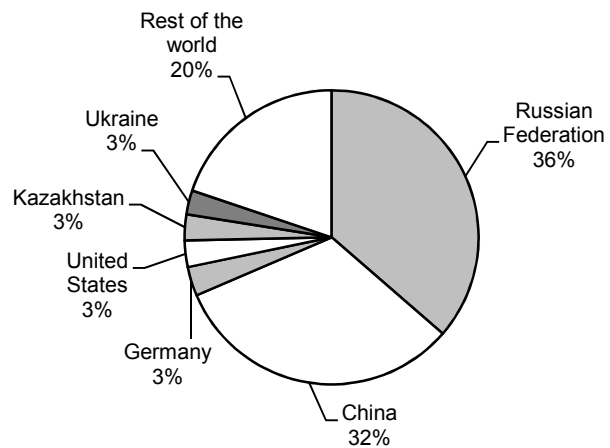


Table 34

Production of heat - by type

Terajoules

Country or area	Year	Combustible fuels	Geo-thermal	Solar thermal	Nuclear	Chemical sources	Heat pumps and electric boilers	Other sources	Direct use geothermal	Direct use solar thermal
World	2012	14,669,405	27,631	6,147	27,850	29,423	33,422	347,085	127,142	288,845
	2013	14,150,924	28,583	5,927	27,450	78,762	29,293	345,841	130,082	266,652
	2014	13,860,056	29,672	6,936	26,785	71,832	30,634	354,912	131,010	276,424
	2015	13,794,262	34,251	7,209	25,818	60,411	32,774	366,143	149,888	289,295
Africa	2012	12,923	..	749	..	4,364	..	..	..	4,822
	2013	12,895	..	786	..	3,748	..	..	..	5,531
	2014	11,265	..	815	..	3,355	..	..	..	6,136
	2015	11,487	..	850	..	3,859	..	..	..	6,793
Mayotte	2012	..	..	..	..	..	..	..	..	*4
	2013	..	..	..	..	..	..	..	..	*5
	2014	..	..	..	..	..	..	..	..	*6
	2015	..	..	..	..	..	..	..	..	*6
Namibia	2012	..	..	..	..	..	..	..	..	72
	2013	..	..	..	..	..	..	..	..	72
	2014	..	..	..	..	..	..	..	..	72
	2015	..	..	..	..	..	..	..	..	104
Réunion	2012	2,023	..	749	..	..	..	..	..	..
	2013	1,995	..	786	..	..	..	..	..	..
	2014	2,016	..	815	..	..	..	..	..	..
	2015	2,085	..	850	..	..	..	..	..	..
Senegal	2012	..	..	..	..	1,298	..	..	..	..
	2013	..	..	..	..	698	..	..	..	..
	2014	..	..	..	..	731	..	..	..	..
	2015	..	..	..	..	775	..	..	..	..
South Africa	2012	..	..	..	..	..	..	..	..	3,253
	2013	..	..	..	..	..	..	..	..	3,804
	2014	..	..	..	..	..	..	..	..	4,241
	2015	..	..	..	..	..	..	..	..	4,728
Swaziland	2012	*10,900	..	..	..	..	..	..	..	..
	2013	*10,900	..	..	..	..	..	..	..	..
	2014	9,249	..	..	..	..	..	..	..	..
	2015	*9,403	..	..	..	..	..	..	..	..
Tunisia	2012	..	..	..	..	3,066	..	..	..	1,493
	2013	..	..	..	..	3,050	..	..	..	1,650
	2014	..	..	..	..	2,624	..	..	..	1,817
	2015	..	..	..	..	3,084	..	..	..	1,955
America, North	2012	530,964	..	..	..	..	..	..	9,774	94,312
	2013	483,439	..	..	..	..	..	..	10,355	98,358
	2014	460,533	..	..	..	..	..	..	10,969	102,538
	2015	445,852	..	..	..	..	..	..	11,280	106,687
Canada	2012	29,025	..	..	..	..	..	..	..	1,553
	2013	28,927	..	..	..	..	..	..	..	1,630
	2014	30,923	..	..	..	..	..	..	..	1,702
	2015	26,609	..	..	..	..	..	..	..	1,760
Greenland	2012	1,140	..	..	..	..	..	..	..	..
	2013	1,099	..	..	..	..	..	..	..	..
	2014	1,003	..	..	..	..	..	..	..	..
	2015	1,056	..	..	..	..	..	..	..	..
Mexico	2012	..	..	..	..	..	..	..	..	6,427
	2013	..	..	..	..	..	..	..	..	7,236
	2014	..	..	..	..	..	..	..	..	8,064
	2015	..	..	..	..	..	..	..	..	9,087

Table 34

Production of heat - by type

Terajoules

Country or area	Year	Combustible fuels	Geo-thermal	Solar thermal	Nuclear	Chemical sources	Heat pumps and electric boilers	Other sources	Direct use geothermal	Direct use solar thermal
United States	2012	500,799	..	..	..	..	..	..	9,774	86,332
	2013	453,413	..	..	..	..	..	..	10,355	89,492
	2014	428,607	..	..	..	..	..	..	10,969	92,772
	2015	418,187	..	..	..	..	..	..	11,280	95,840
America, South	2012	..	..	..	..	..	..	..	102	1,058
	2013	..	..	..	..	1,091	..	..	102	1,091
	2014	..	..	..	..	1,936	..	..	102	1,116
	2015	..	..	..	..	..	..	..	102	2,316
Chile	2012	..	..	..	..	..	..	..	..	772
	2013	..	..	..	..	1,091	..	..	..	780
	2014	..	..	..	..	1,936	..	..	..	780
	2015	..	..	..	..	..	..	..	..	1,243
Ecuador	2012	..	..	..	..	..	..	..	102	..
	2013	..	..	..	..	..	..	..	102	..
	2014	..	..	..	..	..	..	..	102	..
	2015	..	..	..	..	..	..	..	*102	..
Peru	2012	..	..	..	..	..	..	..	..	286
	2013	..	..	..	..	..	..	..	..	311
	2014	..	..	..	..	..	..	..	..	336
	2015	..	..	..	..	..	..	..	..	1,073
Asia	2012	4,654,212	36	4,943	..	3,420	3,791	4,332	71,838	104,357
	2013	4,954,199	0	4,569	..	3,976	3,878	8,370	72,819	73,018
	2014	5,208,653	0	5,301	..	3,752	3,627	7,495	74,820	72,959
	2015	5,511,953	0	5,393	..	2,667	3,615	8,861	92,554	72,984
Armenia	2012	90	..	..	..	..	..	..	..	..
	2013	127	..	..	..	..	..	..	..	..
	2014	*127	..	..	..	..	..	..	..	..
	2015	28	..	..	..	..	..	..	..	..
Azerbaijan	2012	5,004	..	..	..	..	..	..	..	..
	2013	5,436	..	..	..	..	..	..	..	..
	2014	6,778	..	..	..	..	..	..	..	..
	2015	6,501	..	..	..	..	..	..	..	..
China	2012	3,787,310	..	..	..	..	..	..	..	..
	2013	4,131,207	..	..	..	..	..	..	..	..
	2014	4,334,113	..	..	..	..	..	..	..	..
	2015	4,610,572	..	..	..	..	..	..	..	..
Cyprus	2012	31	..	..	..	..	..	..	62	2,700
	2013	42	..	..	..	..	..	..	62	2,751
	2014	45	..	..	..	..	..	..	65	2,796
	2015	51	..	..	..	..	..	..	65	2,841
Georgia	2012	0	36	..	..	..	..	..	380	6
	2013	0	0	..	..	..	..	..	520	47
	2014	0	0	..	..	..	..	..	546	77
	2015	0	0	..	..	..	..	..	*546	*77
Israel	2012	..	..	..	..	..	..	..	..	46,070
	2013	..	..	..	..	..	..	..	..	13,630
	2014	..	..	..	..	..	..	..	..	14,922
	2015	..	..	..	..	..	..	..	..	14,922
Japan	2012	13,883	..	..	..	..	3,791	4,332	7,409	17,098
	2013	13,697	..	..	..	..	3,878	4,377	7,343	16,905
	2014	14,744	..	..	..	..	3,627	4,243	7,242	15,071
	2015	14,636	..	..	..	..	3,615	4,014	7,158	13,943

Table 34

Production of heat - by type

Terajoules

Country or area	Year	Combustible fuels	Geo-thermal	Solar thermal	Nuclear	Chemical sources	Heat pumps and electric boilers	Other sources	Direct use geothermal	Direct use solar thermal
Kazakhstan	2012	418,081	..	..	..	..	..	..	..	..
	2013	396,689	..	..	..	..	..	..	..	..
	2014	398,902	..	..	..	..	..	..	..	..
	2015	408,147	..	..	..	..	..	..	..	..
Korea, Republic of	2012	216,087	..	..	..	3,420	..	..	2,733	1,099
	2013	196,855	..	..	..	3,976	..	..	3,642	1,164
	2014	203,794	..	..	..	3,752	..	..	4,542	1,193
	2015	202,291	..	..	..	2,667	..	..	5,655	1,192
Kyrgyzstan	2012	13,534	..	..	..	..	..	..	..	..
	2013	12,525	..	..	..	..	..	..	..	..
	2014	13,858	..	..	..	..	..	..	..	..
	2015	16,745	..	..	..	..	..	..	..	..
Lebanon	2012	..	..	..	..	..	..	..	..	839
	2013	..	..	..	..	..	..	..	..	894
	2014	..	..	..	..	..	..	..	..	962
	2015	..	..	..	..	..	..	..	..	993
Mongolia	2012	39,029	..	..	..	..	..	..	..	..
	2013	39,824	..	..	..	..	..	..	..	..
	2014	42,003	..	..	..	..	..	..	..	..
	2015	44,713	..	..	..	..	..	..	..	..
Other Asia	2012	..	..	..	..	..	..	..	..	4,390
	2013	..	..	..	..	..	..	..	..	4,343
	2014	..	..	..	..	..	..	..	..	4,318
	2015	..	..	..	..	..	..	..	..	4,369
State of Palestine	2012	..	..	4,943	..	..	..	..	..	..
	2013	..	..	4,569	..	..	..	..	..	..
	2014	..	..	5,301	..	..	..	..	..	..
	2015	..	..	5,393	..	..	..	..	..	..
Tajikistan	2012	405	..	..	..	..	..	..	..	..
	2013	408	..	..	..	..	..	..	..	..
	2014	1,063	..	..	..	..	..	..	..	..
	2015	1,499	..	..	..	..	..	..	..	..
Turkey	2012	51,317	..	..	..	..	..	..	61,254	32,155
	2013	51,633	..	..	..	..	..	3,993	61,252	33,284
	2014	84,796	..	..	..	..	..	3,252	62,425	33,620
	2015	96,812	..	..	..	..	..	4,847	79,130	34,647
Turkmenistan	2012	8,567	..	..	..	..	..	..	..	..
	2013	9,108	..	..	..	..	..	..	..	..
	2014	9,846	..	..	..	..	..	..	..	..
	2015	9,846	..	..	..	..	..	..	..	..
Uzbekistan	2012	100,874	..	..	..	..	..	..	..	..
	2013	96,648	..	..	..	..	..	..	..	..
	2014	98,584	..	..	..	..	..	..	..	..
	2015	100,112	..	..	..	..	..	..	..	..
Europe	2012	9,471,306	27,595	455	27,850	21,639	29,631	341,846	36,983	71,457
	2013	8,700,390	28,583	572	27,450	69,947	25,415	336,257	39,115	75,031
	2014	8,179,604	29,672	820	26,785	62,789	27,007	346,096	37,786	79,966
	2015	7,824,967	34,251	966	25,818	53,885	29,159	355,919	38,608	85,152
Albania	2012	197	..	..	..	..	..	..	..	..
	2013	199	..	..	..	..	..	..	..	..
	2014	214	..	..	..	..	..	..	..	..
	2015	*225	..	..	..	..	..	..	..	518

Table 34

Production of heat - by type

Terajoules

Country or area	Year	Combustible fuels	Geo-thermal	Solar thermal	Nuclear	Chemical sources	Heat pumps and electric boilers	Other sources	Direct use geothermal	Direct use solar thermal
Austria	2012	83,868	578	57	..	99	..	..	346	7,239
	2013	87,661	593	57	..	99	..	..	329	7,384
	2014	79,213	519	69	..	95	..	..	267	7,559
	2015	83,144	578	69	..	106	..	..	301	7,665
Belarus	2012	269,754	..	..	..	..	..	..	..	..
	2013	263,853	..	..	..	..	..	..	..	..
	2014	254,934	..	..	..	..	..	..	..	..
	2015	241,857	..	..	..	..	..	..	..	..
Belgium	2012	32,124	60	..	..	4,835	..	..	..	641
	2013	28,776	68	..	..	9,791	..	..	..	779
	2014	26,474	60	..	..	9,810	..	..	..	857
	2015	27,678	63	..	..	10,099	..	..	..	925
Bosnia and Herzegovina	2012	6,075	..	..	..	..	..	..	..	..
	2013	5,722	..	..	..	..	..	..	..	..
	2014	5,000	..	..	..	..	..	..	..	..
	2015	5,621	..	..	..	..	..	..	..	..
Bulgaria	2012	54,649	..	..	940	2,235	..	..	1,400	645
	2013	50,370	..	..	655	1,992	..	..	1,400	798
	2014	51,930	..	..	604	1,645	..	..	1,400	824
	2015	48,062	..	..	635	1,648	..	..	1,400	912
Croatia	2012	11,625	..	..	..	..	..	..	291	298
	2013	11,738	..	..	..	..	..	..	286	341
	2014	10,127	..	..	..	..	..	..	446	385
	2015	11,106	..	..	..	..	..	..	449	435
Czechia	2012	133,328	..	..	983	134	88	1,670	..	561
	2013	134,504	..	..	898	204	78	1,621	..	630
	2014	116,905	..	..	871	221	81	1,669	..	691
	2015	118,467	..	..	899	163	74	1,704	..	742
Denmark	2012	133,125	144	345	..	..	688	2,646	..	534
	2013	132,369	114	475	..	..	595	2,252	..	552
	2014	118,411	83	700	..	..	493	2,519	..	565
	2015	123,644	70	848	..	..	946	2,566	..	581
Estonia	2012	24,473	..	..	..	..	..	..	..	..
	2013	23,028	..	..	..	..	..	..	..	..
	2014	21,812	..	..	..	..	..	..	..	..
	2015	21,204	..	..	..	..	..	..	..	..
Finland	2012	193,186	..	..	..	3,698	1,870	890	..	47
	2013	181,049	..	..	..	4,475	1,797	1,043	..	52
	2014	177,272	..	..	..	4,526	2,240	960	..	57
	2015	168,602	..	..	..	3,977	3,988	996	..	62
France	2012	134,032	3,242	..	..	..	131	..	1,280	3,420
	2013	133,951	3,937	..	..	..	159	..	1,280	3,748
	2014	118,585	3,747	..	..	..	294	..	1,280	3,993
	2015	131,533	3,844	..	..	..	513	..	1,237	4,146
Germany	2012	474,421	85	11	..	..	..	6,296	2,682	24,109
	2013	480,642	207	1	..	..	..	7,461	2,852	24,408
	2014	430,982	304	11	..	..	..	7,043	3,487	26,221
	2015	448,187	626	9	..	..	..	8,739	2,863	28,091
Greece	2012	1,889	..	..	..	..	..	..	547	7,720
	2013	1,738	..	..	..	..	..	..	481	7,831
	2014	2,073	..	..	..	..	..	..	490	8,029
	2015	2,093	..	..	..	..	..	..	410	8,221

Table 34

Production of heat - by type

Terajoules

Country or area	Year	Combustible fuels	Geo-thermal	Solar thermal	Nuclear	Chemical sources	Heat pumps and electric boilers	Other sources	Direct use geothermal	Direct use solar thermal
Hungary	2012	48,574	395	5	528	..	..	..	4,071	352
	2013	46,975	574	0	505	..	..	965	4,104	368
	2014	44,288	1,166	0	778	..	..	1,736	2,466	406
	2015	47,772	1,769	..	802	..	..	1,678	2,230	448
Iceland	2012	45	22,241	..	..	..	647	..	4,416	..
	2013	42	22,060	..	..	..	647	..	4,087	..
	2014	82	22,443	..	..	..	660	..	4,543	..
	2015	33	25,873	..	..	..	700	..	3,415	..
Ireland	2012	..	..	..	..	..	..	..	..	427
	2013	..	..	..	..	..	..	..	..	472
	2014	..	..	..	..	..	..	..	..	511
	2015	..	..	..	..	..	..	..	..	544
Italy	2012	206,335	650	1	..	..	..	..	4,950	6,503
	2013	215,757	650	2	..	..	..	..	4,987	7,040
	2014	205,188	764	2	..	..	..	..	4,660	7,517
	2015	216,164	780	2	..	..	..	..	4,778	7,953
Latvia	2012	26,840	..	..	..	..	10	7	..	..
	2013	26,227	..	..	..	..	9	13	..	..
	2014	25,740	..	..	..	..	7	..	..	..
	2015	25,452	..	..	..	..	7	..	..	..
Liechtenstein	2012	..	..	34	..	..	..	..	..	..
	2013	..	..	36	..	..	..	..	..	..
	2014	..	..	37	..	..	..	..	..	..
	2015	..	..	37	..	..	..	..	..	..
Lithuania	2012	36,489	79	..	..	9,877	10	..	..	..
	2013	34,217	35	..	..	9,363	10	..	..	..
	2014	32,420	39	..	..	10,832	9	..	..	..
	2015	31,820	32	..	..	9,600	8	..	..	..
Luxembourg	2012	3,093	..	..	..	..	..	..	..	57
	2013	3,256	..	..	..	..	..	..	..	68
	2014	2,525	..	..	..	..	..	..	..	73
	2015	2,341	..	..	..	..	..	..	..	79
Malta	2012	8	..	..	..	..	..	..	..	216
	2013	1	..	..	..	..	..	..	..	173
	2014	1	..	..	..	..	..	..	..	178
	2015	6	..	..	..	..	..	..	..	180
Netherlands	2012	149,117	..	..	..	..	..	..	495	1,070
	2013	150,090	..	..	..	..	..	..	993	1,106
	2014	147,157	..	..	..	..	..	..	1,502	1,128
	2015	139,282	..	..	..	..	..	..	2,448	1,137
Norway	2012	16,273	..	..	..	21	4,351	1,174	..	..
	2013	18,260	..	..	..	1,194	5,076	1,164	..	..
	2014	17,422	..	..	..	3,200	4,091	1,313	..	..
	2015	18,747	..	..	..	3,120	4,377	984	..	..
Poland	2012	308,168	..	..	..	685	5	191	661	620
	2013	301,318	..	..	..	891	5	128	778	1,035
	2014	275,602	..	..	..	1,205	4	76	847	1,455
	2015	280,106	..	..	..	1,191	3	96	909	1,885
Portugal	2012	21,419	..	..	..	55	..	..	65	2,820
	2013	25,523	..	..	..	46	..	..	52	3,046
	2014	21,367	..	..	..	55	..	..	55	3,218
	2015	19,527	..	..	..	87	..	..	64	3,360

Table 34

Production of heat - by type

Terajoules

Country or area	Year	Combustible fuels	Geo-thermal	Solar thermal	Nuclear	Chemical sources	Heat pumps and electric boilers	Other sources	Direct use geothermal	Direct use solar thermal
Republic of Moldova	2012	10,876	..	..	..	..	..	..	..	..
	2013	10,640	..	..	..	..	..	..	..	..
	2014	10,466	..	..	..	..	..	..	..	..
	2015	10,042	..	..	..	..	..	..	..	..
Romania	2012	89,338	4	..	..	..	..	..	902	4
	2013	84,803	9	..	..	..	..	..	1,049	9
	2014	77,756	217	..	..	..	..	..	835	23
	2015	76,366	251	..	..	..	..	..	824	21
Russian Federation	2012	6,063,487	..	..	15,109	..	..	328,963	..	..
	2013	5,374,829	211	..	15,136	..	..	321,571	..	..
	2014	5,187,219	191	..	14,982	..	..	330,772	..	..
	2015	4,853,378	223	..	14,180	..	..	339,148	..	..
Serbia	2012	35,203	..	..	..	..	..	..	260	..
	2013	34,313	..	..	..	..	..	..	187	..
	2014	30,694	..	..	..	..	..	..	234	..
	2015	35,256	..	..	..	..	..	..	256	..
Slovakia	2012	40,905	95	2	2,115	..	45	9	55	222
	2013	40,192	102	1	2,147	..	49	39	69	233
	2014	32,823	120	1	1,795	..	55	8	56	241
	2015	34,510	121	1	1,968	..	53	8	55	229
Slovenia	2012	9,477	22	..	..	..	..	..	1,237	409
	2013	9,405	23	..	..	..	..	..	1,410	437
	2014	8,164	19	..	..	..	..	..	1,486	452
	2015	8,664	21	..	..	..	..	..	1,749	457
Spain	2012	..	..	..	..	..	..	..	737	9,226
	2013	..	..	..	..	..	..	..	758	10,006
	2014	..	..	..	..	..	..	..	789	10,828
	2015	..	..	..	..	..	..	..	789	11,608
Sweden	2012	174,779	..	..	..	..	21,665	..	..	464
	2013	173,253	..	..	..	..	16,895	..	..	468
	2014	160,891	..	..	..	..	19,005	..	..	468
	2015	165,056	..	..	..	..	18,399	..	..	472
Switzerland	2012	18,866	..	..	1,370	..	121	..	12,184	1,853
	2013	19,674	..	..	1,270	..	95	..	13,630	2,042
	2014	17,313	..	..	1,190	..	68	..	12,616	2,212
	2015	19,194	..	..	1,100	..	91	..	14,398	2,359
T.F.Yug.Rep. Macedonia	2012	2,463	..	..	..	..	..	..	371	..
	2013	2,131	..	..	..	..	..	..	350	..
	2014	1,956	..	..	..	..	..	..	294	..
	2015	2,193	..	..	..	..	..	..	..	..
Ukraine	2012	592,624	..	..	6,805	..	..	..	..	..
	2013	537,503	..	..	6,839	41,892	..	..	..	..
	2014	406,078	..	..	6,565	31,200	..	..	..	..
	2015	348,082	..	..	6,234	23,894	..	..	..	..
United Kingdom	2012	64,181	..	..	..	..	..	..	33	2,000
	2013	56,381	..	..	..	..	..	..	33	2,005
	2014	60,520	..	..	..	..	..	..	33	2,075
	2015	59,553	..	..	..	..	..	..	33	2,122
Oceania	2012	..	..	..	..	..	..	907	8,445	12,839
	2013	2	..	..	..	..	..	1,214	7,691	13,623
	2014	2	..	..	..	..	..	1,321	7,333	13,709
	2015	4	..	..	..	..	..	1,363	7,344	15,363

Production of heat - by type

Terajoules

Country or area	Year	Combustible fuels	Geo-thermal	Solar thermal	Nuclear	Chemical sources	Heat pumps and electric boilers	Other sources	Direct use geothermal	Direct use solar thermal
Australia	2012	..	..	..	..	..	..	..	..	12,348
	2013	..	..	..	..	..	..	..	..	13,132
	2014	..	..	..	..	..	..	..	..	13,218
	2015	..	..	..	..	..	..	..	..	14,843
New Caledonia	2012	..	..	..	..	..	..	..	..	111
	2013	..	..	..	..	..	..	..	..	111
	2014	..	..	..	..	..	..	..	..	111
	2015	..	..	..	..	..	..	..	..	140
New Zealand	2012	..	..	..	..	..	..	907	8,445	364
	2013	2	..	..	..	..	..	1,214	7,691	364
	2014	2	..	..	..	..	..	1,321	7,333	364
	2015	4	..	..	..	..	..	1,363	7,344	364
Niue	2012	..	..	..	..	..	..	..	..	16
	2013	..	..	..	..	..	..	..	..	16
	2014	..	..	..	..	..	..	..	..	16
	2015	..	..	..	..	..	..	..	..	16

Table 35**Production of uranium (uranium content)**

Metric tons

Table Notes

Data for 2012 to 2014 are based on country submissions and Table 1.21 of the OECD and IAEA publication *Uranium 2016: Resources, Production and Demand*, OECD Publishing, available at <http://www.oecd-neo.org/ndd/pubs/2016/7301-uranium-2016.pdf>.

2015 data are based on country submissions and the World Uranium Mining Production data on the World Nuclear Association website, available at <http://www.world-nuclear.org/information-library/nuclear-fuel-cycle/mining-of-uranium/world-uranium-mining-production.aspx>.

Production for Bulgaria, France, Germany and Hungary comes from mine rehabilitation efforts only.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Production of uranium (uranium content)

Metric tons

Country or area	2012	2013	2014	2015
World	59,216	60,506	56,682	58,837
Africa	11,369	11,791	8,869	7,431
Malawi	1,103	1,347	1,065	0
Namibia	5,026	5,627	3,255	2,993
Niger	4,773	4,277	4,156	4,116
South Africa	467	540	393	322
America, North	10,665	10,792	11,053	12,965
Canada	8,998	9,000	9,134	11,709
United States	1,667	1,792	1,919	1,256
America, South	383	234	67	51
Brazil	383	234	67	51
Asia	25,544	26,803	27,468	28,243
China	1,450	1,450	1,500	1,616
India	385	400	385	385
Iran (Islamic Rep. of)	24	8	11	*12
Kazakhstan	21,240	22,500	23,127	23,800
Pakistan	45	45	45	45
Uzbekistan	2,400	2,400	2,400	2,385
Europe	4,246	4,536	4,224	4,493
Czechia	228	215	193	155
France	3	3	3	2
Germany	50	30	33	0
Hungary	1	3	2	*4
Romania	90	77	77	77
Russian Federation	2,862	3,133	2,990	3,055
Ukraine	1,012	1,075	926	1,200
Oceania	7,009	6,350	5,001	5,654
Australia	7,009	6,350	5,001	5,654

Selected energy resources and reserves

Million metric tons unless otherwise indicated

Table Notes

Based on country submissions and the publication *World Energy Resources - 2016*, World Energy Council (WEC), available at <https://www.worldenergy.org/publications/2016/world-energy-resources-2016/>.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Table 36

Selected energy resources and reserves

Million metric tons unless otherwise indicated

Country or area	Bituminous coal / Anthracite			Sub-bituminous coal / Lignite			Peat	
	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place	Proved amount in place	Proved recoverable reserves
Afghanistan	66	66	400	..	..	..	..	..
Albania	..	..	..	727	522	..	..	155
Algeria	223	59	164	..	..	..	..	..
Angola	..	..	..	..	..	..	..	..
Argentina	800	500	..	7,300	500	273	90	*80
Armenia	317	163	..	..	..	..	..	..
Australia	1,598,761	62,095	125,000	443,431	44,164	215,000	..	..
Austria	1	..	3	333	25	61	..	..
Azerbaijan	..	..	..	..	..	..	..	..
Bahrain	..	..	..	..	..	..	..	..
Bangladesh	3,260	293	..	3	..	..	*138	..
Barbados	..	..	..	..	..	..	..	..
Belarus	..	..	..	1,500	100	..	323	323
Belgium	4,100	410	1,400	..	..	..	..	..
Belize	..	..	..	..	..	..	..	..
Benin	..	..	..	..	..	..	..	..
Bhutan	..	..	..	..	..	..	..	..
Bolivia (Plur. State of)	1	1	..	..	..	..	..	..
Bosnia and Herzegovina	..	484	..	5,274	2,264	..	..	..
Botswana	21,240	40	205,253	..	..	..	..	..
Brazil	6,212	1,547	..	17,636	5,049	15,319	..	..
Brunei Darussalam	..	..	..	..	..	..	..	..
Bulgaria	4,112	192	1,200	4,574	2,174	2,618	5	5
Burkina Faso	..	..	..	..	..	..	..	..
Burundi	..	..	..	..	..	..	56	56
Cambodia	..	..	..	..	..	..	..	..
Cameroon	..	..	..	..	..	..	..	..
Canada	187,606	4,346	26,045	120,506	2,236	31,990	1,092	..
Central African Rep.	..	..	..	3	3	..	..	..
Chad	..	..	..	..	..	..	..	..
Chile	5,316	1,181	125	7	155	5,000	..	..
China	5,462,672	124,059	363,200	332,652	7,555	304,700	4,687	328
Colombia	14,809	4,881	13,173	411	380	3,176	..	..
Congo	..	..	..	..	..	..	..	..
Costa Rica	17	..	..	27	..	22	48	..
Côte d'Ivoire	..	..	..	..	..	..	..	..
Croatia	4	4	..	300	33	..	..	..
Cuba	..	..	..	..	..	..	..	..
Cyprus	..	..	..	..	..	..	..	..
Czechia	16,526	1,107	..	9,767	2,604	..	..	..
Dem. Rep. of the Congo	988	88	..	..	..	..	..	..
Denmark	..	..	..	63	..	..	..	..
Dominica	..	..	..	..	..	..	..	..
Dominican Republic	..	..	..	84	..	..	..	..
Ecuador	..	..	..	24	24	6	..	..
Egypt	182	16	..	27	22	52	..	..
El Salvador	..	..	..	..	..	..	..	..
Equatorial Guinea	..	..	..	..	..	..	..	..
Estonia	..	..	..	..	..	..	2,000	2,000
Ethiopia	..	..	..	23	11	..	..	..
Faeroe Islands	..	..	..	..	..	..	..	..
Falkland Is. (Malvinas)	..	..	..	..	..	..	..	..
Fiji	..	..	..	..	..	..	..	..
Finland	..	..	..	..	..	..	850	420
France	160	95	200	114	21	165	..	..
French Guiana	..	..	..	..	..	..	..	..
French Polynesia	..	..	..	..	..	..	..	..
Gabon	..	..	..	..	..	..	..	..
Georgia	901	201	..	..	..	..	..	..
Germany	82,982	21	8,065	76,800	36,300	34,100	157	96

Peat	Proved recoverable reserves				Uranium (metric tons)		Hydropower (Gross theoretical capability) (GWh/Year)	
	Estimated additional amount in place	Natural gas (billions cubic metres)	Crude oil and NGL	Oil shale	Bituminous sands	Reasonably assured resources		Inferred Resources
..	*50	..	..	..	..	..	..	394,000
..	*1	..	*26	..	5	..	..	40,000
..	4,504	1,537	..	..	..	19,500	..	12,000
..	*308	1,709	..	..	74	..	..	150,000
50	332	328	..	57	..	8,600	11,000	354,000
..	*18	..	..	44	..	..	..	22,000
..	3,471	442	4,531	..	..	1,174,000	558,700	265,000
..	*10	*7	1	..	..	..	..	150,000
..	1,148	959	..	..	20	..	..	44,000
..	172	15	..	..	..	..	..	..
*138	232	*4	..	..	..	..	..	4,000
..	0	0	..	..	..	..	..	..
1,479	*3	27	1,000	..	..	..	..	8,000
..	0	..	..	..	..	..	..	1,000
..	..	0	..	..	..	..	..	1,000
..	*1	1	..	..	..	..	..	2,000
..	..	..	..	..	..	..	..	263,000
..	281	*22	..	..	..	..	..	178,000
..	..	..	..	..	..	..	..	70,000
..
487	424	1,890	11,734	..	..	23,100	59,100	..
..	276	*150	..	..	..	155,100	121,000	3,040,000
..	*6	*2	18	..	..	..	..	..
..	..	..	..	..	..	..	..	27,000
..	..	..	..	..	..	..	..	1,000
..	..	..	..	..	..	..	..	6,000
..	..	..	..	..	..	..	..	88,000
..	*150	*18	..	..	..	..	..	294,000
336,908	1,987	27,755	2,192	27,134	..	357,500	192,500	2,067,000
..	..	..	..	..	..	12,000	..	7,000
..	..	216	..	..	..	..	..	150
..	*40	*20	3	..	..	700	1,200	227,000
952	3,841	2,521	47,600	120	..	120,000	56,600	6,083,000
..	135	333	..	..	5	..	..	1,000,000
..	115	*190	..	..	81	..	..	50,000
22	..	..	..	..	..	..	..	224,000
..	28	*14	..	..	..	..	..	46,000
..	*25	*7	..	..	..	..	..	20,000
280	*71	*3	..	..	8	..	..	3,000
..	*142	..	..	..	..	..	..	59,000
..	4	*2	..	..	..	1,300	100	13,000
..	*1	*24	14,310	..	5	1,400	1,300	1,397,000
..	31	74	..	..	..	..	..	120
..	..	..	..	..	..	..	..	200
..	..	..	..	..	..	..	..	50,000
..	*11	1,175	..	..	7	..	..	169,000
..	1,846	458	816	8	..	..	1,900	125,000
..	..	..	..	..	..	..	..	7,000
..	*37	149	..	..	..	..	..	..
..	..	..	2,494	..	..	..	..	2,000
..	*25	0	..	..	..	..	..	650,000
..	..	..	..	..	..	..	..	1,000
28	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	3,000
2,200	..	..	..	..	..	1,100	..	31,000
..	*10	*11	1,002	..	..	11,500	100	270,000
..	..	..	..	..	..	..	..	2,000
..	..	..	..	..	..	..	..	1,000
..	*28	274	..	..	..	4,800	1,000	200,000
..	*9	*5	..	..	0	..	..	136,000
200	39	*31	286	..	..	3,000	4,000	120,000

Table 36

Selected energy resources and reserves

Million metric tons unless otherwise indicated

Country or area	Bituminous coal / Anthracite			Sub-bituminous coal / Lignite			Peat	
	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place	Proved amount in place	Proved recoverable reserves
Ghana	..	..	..	..	..	..	..	..
Greece	..	..	..	6,430	2,876	..	4,000	..
Greenland	383	183	..	183	183	200	..	..
Grenada	..	..	..	..	..	..	..	..
Guatemala	..	..	..	..	..	..	..	..
Guinea	..	..	..	..	..	..	..	..
Guinea-Bissau	..	..	..	..	..	..	..	..
Guyana	..	..	..	..	..	..	..	..
Haiti	..	..	..	40	..	27	..	..
Honduras	..	..	..	21	..	..	..	..
Hungary	5,351	276	298	5,337	2,633	2,630	..	..
Iceland	..	..	..	..	..	..	..	..
India	260,544	85,562	157,435	42,645	4,714	32,893	..	..
Indonesia	109,825	17,394	6,035	40,639	8,274	38,704	49,000	..
Iran (Islamic Rep. of)	41,203	1,203	..	2,295	..	..	..	..
Iraq	..	..	..	..	..	..	..	..
Ireland	40	14	26	..	9	..	154	106
Israel	..	..	..	..	..	..	500	386
Italy	610	10	..	29	7	600	..	..
Jamaica	..	..	..	..	..	..	200	32
Japan	13,883	340	6,298	1,036	10	7,122	..	..
Jordan	..	..	..	..	..	..	..	..
Kazakhstan	148,695	25,605	..	..	12,100	..	..	..
Kenya	..	..	..	..	..	..	..	..
Korea, Dem.Ppl's.Rep.	10,600	600	2,700	300	300	2,200	..	..
Korea, Republic of	1,686	326	272	209	126	812	..	..
Kuwait	..	..	..	..	..	..	..	..
Kyrgyzstan	28,499	971	..	..	812	..	..	..
Lao People's Dem. Rep.	62	4	..	521	499	..	..	..
Latvia	..	..	..	..	..	..	190	94
Lebanon	..	..	..	..	..	..	..	..
Lesotho	..	..	..	..	..	..	..	..
Liberia	..	..	..	..	..	..	..	..
Libya	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	..	..	937	269
Madagascar	150	..	..	37	..	..	..	..
Malawi	802	2	..	..	2	..	..	..
Malaysia	1,209	141	78	451	39	575	..	..
Mali	..	..	..	3	..	3	..	..
Mauritania	..	..	..	..	..	..	..	..
Mauritius	..	..	..	..	..	..	..	..
Mexico	4,160	1,160	1,960	51	51	213	..	..
Mongolia	41,024	1,170	..	120,776	1,350	..	..	..
Montenegro	337	142	..	..	..	..	..	..
Morocco	96	14	..	40	..	2	..	..
Mozambique	23,636	1,792	155	..	..	..	..	..
Myanmar	252	3	120	5	3	80	..	..
Namibia	350	..	..	..	..	..	..	..
Nepal	8	1	..	1	1	7	..	..
Netherlands	3,247	497	2,750	..	..	..	120	120
New Caledonia	2	2	8	..	..	..	..	..
New Zealand	3,175	825	942	11,350	6,750	11,902	1,640	..
Nicaragua	..	..	..	..	..	..	..	..
Niger	90	70	..	6	6	..	..	..
Nigeria	2,144	287	21	377	57	1,000	..	..
Norway	93	2	..	64	5	100	745	350
Oman	..	..	..	..	..	..	..	..
Pakistan	5,996	207	5	179,596	2,857	68,068	..	..
Panama	..	..	..	..	..	..	..	..
Papua New Guinea	..	..	..	..	..	..	..	..

Peat	Proved recoverable reserves				Uranium (metric tons)		Hydropower (Gross theoretical capability) (GWh/Year)
	Estimated additional amount in place	Natural gas (billions cubic metres)	Crude oil and NGL	Oil shale	Bituminous sands	Reasonably assured resources		Inferred Resources
..	*23	*90	..	..	..	..	28,000
..	*1	*1	..	..	1,000	6,000	80,000
..	..	..	..	..	..	134,700	550,000
..	..	..	..	..	..	..	38
..	3	*11	..	..	..	..	59,000
..	..	232	..	..	..	..	26,000
..	..	..	..	..	..	..	1,000
..	..	..	..	..	..	..	81,000
..	..	..	..	..	..	..	4,000
..	..	..	..	..	..	..	16,000
238	*8	*4	8	..	..	8,600	10,000
..	..	..	..	..	..	..	184,000
..	1,489	764	..	..	77,000	27,900	2,638,000
..	2,839	498	..	67	8,400	2,200	2,147,000
..	34,020	*21,433	..	..	700	1,800	448,000
..	3,694	19,308	..	..	..	..	225,000
140	*10	..	..	..	..	..	1,000
1,000	181	*2	550	0	..	..	0
2,500	45	82	10,446	48	4,800	1,300	190,000
..	..	..	..	..	..	..	1,000
..	*21	*4	..	..	6,600	..	718,000
..	*6	0	5,242	5	0	33,800	4,000
..	936	3,932	400	6,689	285,600	417,300	170,000
..	..	..	..	..	..	..	24,000
..
..	6	..	..	..	..	..	52,000
..	1,784	13,981	..	..	..	..	..
..	*6	*5	..	..	..	..	163,000
..	..	..	..	..	..	..	233,000
760	..	..	..	..	..	..	7,000
..	..	..	..	..	..	..	2,000
..	..	..	..	..	..	..	5,000
..	..	..	..	..	..	..	28,000
..	1,505	6,297	..	..	..	..	..
..	..	*1	..	..	..	..	6,000
..	2	..	5	35	..	..	321,000
..	..	..	..	..	8,200	5,700	15,000
..	*1,169	471	..	..	..	..	230,000
..	..	..	..	..	..	..	12,000
..	*28	*3	..	..	..	..	..
..	..	..	..	..	..	..	150
..	324	1,496	..	0	2,800	0	430,000
..	..	*35	42	..	30,600	25,100	57,000
..	..	..	..	..	..	..	27,000
..	*1	0	8,167	..	..	..	12,000
..	*2,832	*2	..	..	..	..	103,000
..	528	*3	286	..	..	..	348,000
..	*62	..	..	..	248,200	155,500	23,000
..	0	..	..	..	..	..	733,000
..	675	*30	..	..	..	..	11,000
..	..	..	..	..	..	..	2,000
..	*28	*17	3	..	..	..	205,000
..	..	..	..	..	..	..	33,000
..	..	*20	..	..	325,000	104,900	3,000
..	5,111	5,003	..	91	..	..	43,000
7,015	1,857	994	..	..	..	..	600,000
..	688	720	..	..	..	..	..
..	543	*50	..	..	..	..	475,000
..	..	..	..	..	..	..	26,000
..	141	*24	..	..	..	..	175,000

Table 36

Selected energy resources and reserves

Million metric tons unless otherwise indicated

Country or area	Bituminous coal / Anthracite			Sub-bituminous coal / Lignite			Peat	
	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place	Proved amount in place	Proved recoverable reserves
Paraguay	..	..	..	..	..	..	..	..
Peru	1,567	102	..	100	100	..	..	..
Philippines	1,223	211	8	1,017	105	37	..	..
Poland	178,913	16,203	27,405	227,886	5,429	11,837	890	..
Portugal	3	3	..	66	33	..	..	..
Qatar	..	..	..	..	..	..	..	..
Republic of Moldova	..	..	..	..	..	..	..	..
Romania	2,446	11	2,143	9,920	280	8,177	25	13
Russian Federation	2,727,915	69,634	200,000	1,379,623	90,730	200,000	17,680	11,554
Rwanda	..	..	..	..	..	..	..	..
Samoa	..	..	..	..	..	..	..	..
Saudi Arabia	..	..	..	..	..	..	..	..
Senegal	..	..	..	..	..	..	40	24
Serbia	855	402	..	20,186	7,112	..	..	..
Serbia and Montenegro	..	..	..	..	..	..	..	..
Sierra Leone	..	..	..	2	..	..	..	..
Slovakia	19	2	..	1,073	135	..	..	..
Slovenia	95	56	..	656	315	40	..	..
Solomon Islands	..	..	..	..	..	..	..	..
Somalia	..	..	..	..	..	..	..	..
South Africa	213,560	9,893	5,000	30	..	100	47	30
South Sudan	..	..	..	..	..	..	..	..
Spain	4,231	868	3,000	319	319	1,260	94	70
Sri Lanka	..	..	..	..	..	..	5	5
Sudan	..	..	..	..	..	..	..	..
Sudan (former)	..	..	..	..	..	..	..	..
Suriname	..	..	..	..	..	..	..	..
Swaziland	4,644	144	793	..	..	..	..	..
Sweden	5	1	..	4	1	20	700	70
Switzerland	..	..	..	..	..	..	..	..
Syrian Arab Republic	..	..	..	..	..	..	..	..
T.F.Yug.Rep. Macedonia	..	..	..	632	332	..	..	..
Tajikistan	4,075	375	..	..	..	..	..	..
Thailand	..	..	..	1,889	1,063	2,857	..	..
Timor-Leste	..	..	..	..	..	..	..	..
Togo	..	..	..	..	..	..	..	..
Trinidad and Tobago	..	..	..	..	..	..	..	..
Tunisia	..	..	..	..	..	..	..	..
Turkey	1,182	380	249	12,828	12,466	296	..	..
Turkmenistan	800	..	..	..	..	..	..	..
Uganda	800	..	..	..	..	..	..	..
Ukraine	81,045	32,039	5,170	7,717	2,336	6,174	2,160	684
United Arab Emirates	..	..	..	..	..	..	..	..
United Kingdom	186,770	70	190	1,000	500	..	..	..
United Rep. of Tanzania	1,410	269	*1,500	..	..	..	..	..
United States	6,680,329	222,641	445,346	1,398,360	30,483	667,415	26,000	13,000
Uruguay	..	..	..	..	..	..	..	..
Uzbekistan	10,852	1,375	..	..	1,853	..	..	..
Venezuela (Bolivar. Rep.)	6,712	731	4,528	..	..	..	..	..
Viet Nam	6,635	3,116	..	200,120	244	..	..	..
Yemen	..	..	..	..	..	..	..	..
Zambia	945	45	..	69	55	18	..	..
Zimbabwe	25,502	502	5,820	965	..	..	..	..

Peat	Proved recoverable reserves				Uranium (metric tons)		Hydropower (Gross theoretical capability) (GWh/Year)	
	Estimated additional amount in place	Natural gas (billions cubic metres)	Crude oil and NGL	Oil shale	Bituminous sands	Reasonably assured resources		Inferred Resources
200	..	..	..	..	..	..	..	111,000
..	414	170	..	..	1	1,300	1,300	1,577,000
..	*99	*15	..	..	..	..	..	47,000
2,300	95	15	7	..	..	..	..	25,000
..	..	..	..	..	..	6,000	1,000	32,000
..	24,528	2,695	..	..	..	..	..	..
..	..	..	..	..	..	..	..	2,000
10	110	80	..	..	1	3,100	3,600	70,000
168,320	32,271	14,024	35,470	4,518	216,500	432,000	432,000	2,295,000
2,000	*57	..	..	..	..	..	..	2,000
..	..	..	..	..	..	..	..	140
..	8,325	36,618	..	..	..	..	..	..
52	10	0	..	..	..	..	..	11,000
..	31	*7	..	..	..	..	..	27,000
..	45	22	..	..	..	..	..	118,000
..	..	*60	..	..	..	..	..	11,000
..	*14	*1	..	..	..	0	9,000	10,000
..	0	0	..	..	..	1,700	7,500	19,000
..	..	..	..	..	..	..	..	3,000
..	*6	..	..	..	..	5,000	2,600	2,000
..	10	*2	19	..	..	175,300	179,200	73,000
..	..	472	..	..	..	..	..	..
..	*3	*19	40	..	..	14,000	0	162,000
46	..	..	..	..	..	..	..	21,000
..	..	202	..	..	..	..	..	..
..	85	682	..	..	..	..	..	48,000
..	..	*12	..	..	..	..	..	39,000
..	..	..	..	..	..	..	..	4,000
..	..	..	875	..	..	5,000	8,500	200,000
..	..	..	..	..	..	..	..	125,000
..	285	*340	..	..	..	..	..	11,000
..	..	..	..	..	..	..	..	9,000
..	*6	*2	..	..	..	..	..	527,000
..	220	49	916	..	..	..	..	18,000
..	..	*59	..	..	..	..	..	..
..	..	..	..	..	..	..	..	4,000
..	326	*113	..	..	1	..	..	..
..	*65	55	..	..	..	..	..	1,000
..	*7	*46	284	..	..	7,300	..	433,000
..	17,479	82	1,100	..	..	..	..	24,000
..	*14	*136	..	..	..	..	..	33,000
1,846	604	*54	600	..	..	84,800	81,300	45,000
..	6,091	12,976	..	..	..	..	..	..
..	206	374	501	..	12	..	..	35,000
..	*1,317	..	..	..	..	30,100	15,600	39,000
..	10,441	*6,857	536,931	3	..	207,400	..	2,040,000
46	..	..	..	..	..	..	..	32,000
..	1,086	81	1,200	..	..	59,400	31,900	88,000
..	5,617	*26,807	..	9,212	..	..	..	731,000
..	617	*599	..	..	..	1,000	5,400	300,000
..	266	409	..	..	..	..	..	..
..	..	..	..	..	..	9,900	5,700	53,000
..	..	..	..	..	..	1,400	..	44,000