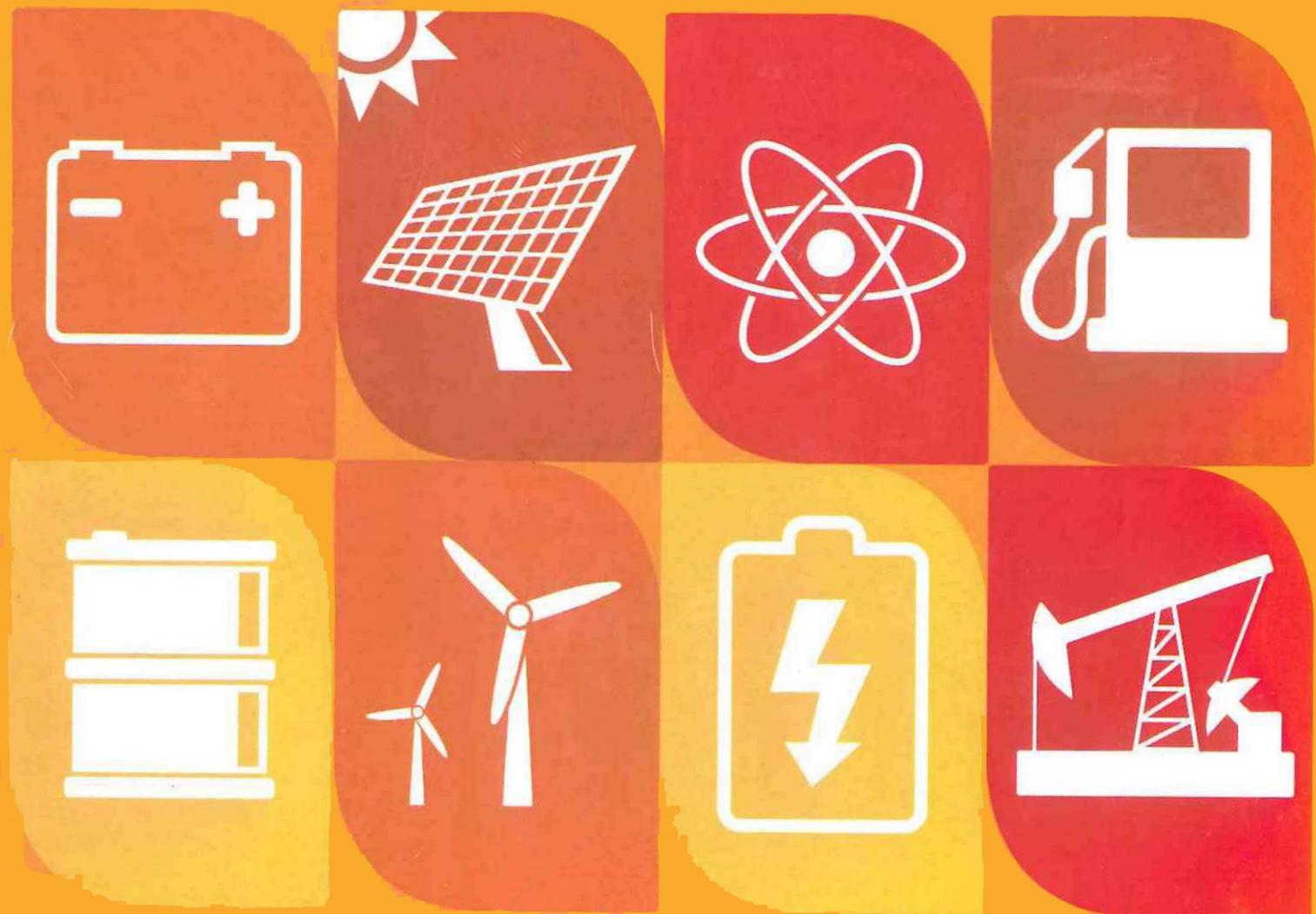


2013

Energy Statistics Yearbook



2013
Energy Statistics
Yearbook



United Nations
New York, 2015

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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Statistics compiled as of December 2015

INTRODUCTION

The *Energy Statistics Yearbook 2013* is a comprehensive collection of international energy statistics prepared by the United Nations Statistics Division. It is the fifty-seventh 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 2010-2013.³

This is the second edition of the yearbook to show 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).

In addition to these updates, the first three tables of the yearbook changed their format (compared to versions prior to 2012):

- 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.

Other tables were revised to better reflect the definitions of energy products within SIEC and flows defined in IRES. See individual table notes for details.

Prior to the 2012 edition, publications 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 now included together.

By referring to previous volumes of the publication, time series can be established from

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

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

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

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 on various other topics such as:

- (a) The principal importers and exporters of hard coal, crude oil and natural gas for the years 2012 and 2013;
- (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 format.⁴ 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 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. Alexander Blackburn, Mr. Man Soni, Ms. Costanza Giovannelli, Ms. Peng Guo, Mr Hu Wei and Mr. Graham Osborn. The table design and the update of the yearbook content were carried out also with the assistance of Mr. Harpal Shergill.

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 regasifying 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.

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 2013) 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.

⁶ World Energy Resources - 2013 Survey.
World Energy Council (WEC)

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 turbined 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, Myanmar and New Zealand - 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 (when concerning OECD-member countries) 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.

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, St 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.

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

China, Macao SAR – For confidentiality reasons, data on coal and coal products, jet fuel, petroleum coke and other petroleum products (2010-2013), stock changes of other kerosene (2010-13), exports of charcoal (2010-2013), and data on fuelwood (2010-2013) 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 the Czech Republic 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, Guyana, Martinique, New Caledonia, French Polynesia, Reunion, and St. Pierre and Miquelon.

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, St. 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.

Portugal – Data include the Azores and Madeira.

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

Serbia – Data exclude Kosovo from 2000 onwards.

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 – For confidentiality reasons, data on the following products (mainly on production) may not be available or may be included with other products: 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).

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	2010	2011	2012	2013
Standard factor	25.8	25.8	25.8	25.8
Argentina	24.7	24.7	24.7	24.7
Australia	27.2	27.1	27.0	26.9
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	17.4	17.4	17.2	20.0
Canada	24.6	24.7	24.7	25.1
Chile	17.1	15.7	17.4	22.0
China	20.9	20.5	20.5	21.7
Colombia	27.2	27.2	27.2	27.2
Czech Republic	27.1	26.7	26.9	27.8
Egypt	25.5	25.5	25.5	25.7
France	26.0	26.0	26.0	26.0
Georgia	25.0	25.0	25.0	28.0
Germany	27.5	29.3	27.4	27.7
India	18.9	18.9	18.9	17.0
Indonesia	26.1	26.1	25.8	25.8
Italy	26.6	26.6	26.6	26.6
Kazakhstan	18.6	18.6	18.6	18.6
Korea, Democratic People's Republic of	26.0	26.2	26.2	26.3
Korea, Republic of	19.3	19.3	18.6	18.6
Kyrgyzstan	18.6	18.6	18.6	18.6
Malaysia	26.4	26.4	26.4	26.4
Mexico	29.3	29.3	29.3	28.8
Mongolia	28.5	28.5	28.5	28.5
Mozambique	26.2	26.2	26.9	26.9
New Zealand	29.5	29.7	29.7	29.9
Niger	16.0	16.0	16.0	16.0
Norway	28.1	28.1	28.1	28.1
Pakistan	19.8	19.8	18.8	18.8
Peru	25.0	26.7	27.2	27.1
Poland	23.9	23.7	23.7	23.9
Russian Federation	26.0	26.1	26.0	26.2
South Africa	23.7	23.6	23.6	23.7
Spain	17.7	18.6	18.4	19.5
Sri Lanka	26.4	26.4	29.3	29.3
Tajikistan	18.6	18.6	18.6	18.6
Turkey	25.1	24.9	23.7	25.7
Ukraine	23.6	23.5	24.9	24.8
United Kingdom	25.1	24.4	24.5	24.4
United States	27.1	26.6	26.5	26.3
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	2010	2011	2012	2013
Standard factor	14.0	14.0	14.0	14.0
Albania	9.8	9.8	9.8	9.8
Australia	12.8	13.0	13.0	12.4
Bosnia and Herzegovina	13.3	13.5	13.6	13.6
Bulgaria	7.0	7.0	7.0	7.0
Canada	17.1	17.1	17.0	16.5
Czech Republic	12.7	12.3	12.3	12.4
Germany	9.1	9.0	9.0	9.1
Greece	5.4	5.4	5.4	5.2
Hungary	7.3	7.2	7.2	7.1
India	9.5	9.5	9.5	9.5
Indonesia	20.0	20.0	22.0	22.0
Korea, Democratic People's Republic of	17.6	17.6	17.6	17.6
Kazakhstan	14.7	14.7	14.7	14.7
Kyrgyzstan	14.7	14.7	14.7	14.7
Mexico	19.4	19.4	19.4	19.9
Mongolia	14.4	14.4	14.4	14.4
Montenegro	9.2	9.2	9.2	9.2
New Zealand	20.0	19.9	19.9	19.8
Philippines	22.1	22.1	22.1	22.1
Poland	8.6	8.4	8.3	8.3
Romania	7.9	7.9	7.8	7.9
Russian Federation	14.9	14.9	14.9	14.9
Serbia	8.0	8.0	8.0	8.0
Slovakia	10.8	10.6	10.4	10.4
Slovenia	11.0	11.2	10.7	11.6
Spain	8.6	13.4	13.8	13.3
Tajikistan	14.7	14.7	14.7	14.7
Thailand	12.1	12.1	12.1	12.1
T.F. Yugoslav Republic of Macedonia	7.4	7.2	7.1	7.1
Turkey	9.5	9.3	8.7	10.4
United States	18.3	18.3	18.2	18.1
Uzbekistan	14.7	14.7	14.7	14.7
COKE OVEN COKE	2010	2011	2012	2013
Standard factor	28.2	28.2	28.2	28.2
Australia	27.0	27.0	27.0	27.0
Austria	29.0	29.0	29.0	29.0
Belgium	27.7	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
Canada	28.8	27.5	27.5	27.5

Table I (continued)
NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

PRODUCTION, EXPORTS AND CHANGES IN STOCKS				
COKE OVEN COKE	2010	2011	2012	2013
China	28.5	28.4	28.4	28.4
Colombia	20.1	20.1	20.1	20.1
Czech Republic	28.2	28.2	28.4	28.5
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	30.0	29.7	29.5	29.2
Italy	29.0	29.0	29.0	29.0
Japan	29.4	29.4	29.4	29.2
Kazakhstan	25.1	25.1	25.1	25.1
Korea, Republic of	29.3	29.3	28.9	28.9
Mexico	26.5	26.5	26.5	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	26.9	27.8	28.1	27.9
Russian Federation	29.0	29.0	29.0	29.0
Slovakia	28.3	28.3	28.4	28.1
South Africa	26.5	26.5	26.5	26.5
Spain	28.5	26.8	26.8	26.8
Sweden	28.1	28.1	28.1	28.1
Turkey	27.7	27.5	28.2	29.7
Ukraine	25.1	25.1	25.1	25.1
United Kingdom	29.8	29.8	29.8	29.8
United States	28.8	28.8	28.8	28.9
PATENT FUEL	2010	2011	2012	2013
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	19.3	19.3	18.6	18.6
Russian Federation	29.0	29.0	29.0	29.0
United Kingdom	31.0	31.0	31.0	31.1
BROWN COAL BRIQUETTES	2010	2011	2012	2013
Standard factor	20.7	20.7	20.7	20.7
Australia	21.0	21.0	21.0	21.0
Czech Republic	23.4	21.6	22.0	20.7
Germany	21.5	21.3	21.1	21.3

Table I (continued)
NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

PRODUCTION, EXPORTS AND CHANGES IN STOCKS				
PEAT	2010	2011	2012	2013
Standard factor	9.8	9.8	9.8	9.8
Austria	8.8	8.8	8.8	8.8
Belarus	10.2	10.2	10.2	10.5
Burundi	14.7	14.7	14.7	14.7
Falkland Islands (Malvinas)	9.5	9.5	9.5	9.5
Finland	10.2	10.2	10.1	10.2
Ireland	8.4	8.6	9.1	8.1
Russian Federation	10.0	10.0	10.0	10.0
Sweden	12.5	12.5	12.5	12.5
OIL SHALE	2010	2011	2012	2013
Standard factor	8.9	8.9	8.9	8.9
Israel	2.9	2.9	2.9	2.9

Table I (continued)
NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

HARD COAL	IMPORTS			
	2010	2011	2012	2013
Albania	27.2	27.2	27.2	27.2
Argentina	30.1	30.1	30.1	30.1
Austria	28.4	28.3	28.2	28.5
Azerbaijan	27.7	27.7	27.7	27.7
Bangladesh	20.9	20.9	20.9	20.9
Belarus	23.2	25.0	26.1	25.2
Belgium	27.5	27.5	27.4	27.4
Bosnia and Herzegovina	30.7	30.7	30.7	30.7
Brazil	30.5	30.5	30.5	30.5
Bulgaria	25.6	25.6	25.9	26.0
Canada	25.7	26.3	26.7	28.0
Chile	23.0	23.5	23.9	25.0
China	20.9	17.6	17.6	22.3
China, Hong Kong SAR	26.4	26.4	26.4	26.4
Colombia	27.2	27.2	27.2	27.2
Croatia	24.2	24.4	24.7	25.2
Czech Republic	26.8	26.7	26.6	26.4
Denmark	24.4	24.4	24.2	24.5
Egypt	25.5	25.5	28.2	25.7
Estonia	27.2	27.2	27.2	27.2
Finland	26.0	25.7	26.0	25.9
France	27.2	27.2	27.2	27.4
Georgia	25.0	25.0	25.0	28.0
Germany	27.0	26.3	26.4	26.9
Greece	26.9	23.9	27.2	27.2
Hungary	30.3	31.2	32.1	32.1
Iceland	28.1	28.1	28.1	28.1
India	26.4	26.3	26.3	26.3
Indonesia	26.7	26.7	28.2	28.2
Ireland	27.8	25.7	25.0	25.7
Israel	25.1	25.1	25.1	25.1
Italy	27.6	27.6	27.5	26.3
Japan	25.9	25.9	25.6	25.8
Kazakhstan	18.6	18.6	18.6	18.6
Korea, Democratic People's Republic of	25.8	25.8	26.7	25.8
Korea, Republic of	25.8	25.8	25.6	25.6
Kyrgyzstan	18.6	18.6	18.6	20.9
Latvia	26.2	26.2	26.3	26.3
Luxembourg	28.6	24.8	24.7	24.8
Malaysia	26.4	26.4	26.4	26.4
Mauritius	26.0	26.0	26.0	26.0
Mexico	29.6	29.6	29.6	28.2
Moldova, Republic of	18.6	18.6	23.7	24.5
Morocco	27.6	27.6	27.6	27.6
Namibia	22.7	22.7	22.7	22.7
Netherlands	25.7	25.4	25.4	25.0
New Zealand	27.8	28.2	28.1	28.2

Table I (continued)
NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS				
HARD COAL	2010	2011	2012	2013
Norway	28.1	28.1	28.1	28.1
Other Asia	27.4	27.4	27.4	27.4
Pakistan	29.1	29.1	27.6	27.6
Peru	25.0	25.0	25.0	25.0
Poland	25.1	24.4	24.6	24.9
Portugal	25.7	25.0	25.2	24.9
Romania	26.8	26.5	26.5	26.3
Russian Federation	25.1	25.4	25.3	25.3
Serbia	23.1	23.0	23.0	23.3
Slovakia	28.3	28.0	28.1	28.2
Slovenia	25.3	25.3	25.4	26.2
South Africa	31.0	31.0	31.0	31.0
Spain	25.2	24.4	24.0	24.4
Sri Lanka	26.4	26.4	29.3	29.3
Sweden	29.2	28.8	28.6	28.6
Switzerland	25.5	25.5	25.5	25.5
T.F. Yugoslav Republic of Macedonia	26.9	27.0	27.1	26.7
Tajikistan	18.6	18.6	18.6	18.6
Thailand	26.4	26.4	26.4	26.4
Turkey	27.0	27.1	27.5	27.4
Ukraine	25.5	25.5	27.3	25.5
United Kingdom	26.1	26.1	25.8	25.9
United States	26.0	26.2	26.1	26.1
Uruguay	29.3	29.3	25.8	25.8
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	2010	2011	2012	2013
Albania	9.8	9.8	9.8	9.8
Austria	19.7	15.6	19.4	20.0
Bosnia and Herzegovina	11.8	12.0	9.3	11.9
Cambodia	19.9	19.9	19.9	19.9
Canada	18.2	18.2	18.2	17.4
Croatia	17.5	17.6	17.1	15.4
Czech Republic	14.6	18.7	13.1	11.6
France	17.0	17.0	17.0	17.0
Germany	16.7	16.7	16.7	16.7
Greece	4.4	4.2	4.0	4.1
Hungary	17.3	17.7	17.5	16.9

Table I (continued)
NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS				
BROWN COAL	2010	2011	2012	2013
Israel	20.4	20.4	20.8	20.8
Italy	18.7	18.6	18.8	18.8
Kazakhstan	14.7	14.7	14.7	14.7
Korea, Republic of	20.9	20.9	21.4	21.4
Mexico	19.4	22.5	22.5	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	20.6	20.6
Other Asia	18.9	18.9	18.9	18.9
Philippines	22.1	22.1	22.1	22.1
Poland	8.7	8.4	8.5	8.4
Romania	22.6	24.6	24.5	21.5
Russian Federation	14.9	14.9	14.9	14.9
Serbia	17.0	17.0	17.0	17.0
Singapore	9.7	9.7	9.7	9.7
Slovakia	14.9	14.7	13.5	14.3
Slovenia	18.8	18.4	18.4	17.4
Switzerland	20.1	20.1	20.1	20.1
T.F. Yugoslav Republic of Macedonia	20.3	18.0	19.9	15.2
Ukraine	14.7	14.7	14.7	14.7
United States	19.5	18.5	17.9	17.8
Uzbekistan	14.7	14.7	14.7	14.7
COKE OVEN COKE	2010	2011	2012	2013
Australia	27.0	27.0	27.0	27.0
Austria	29.0	29.0	29.0	29.0
Belgium	27.7	29.3	29.3	29.3
Brazil	30.5	30.5	30.5	30.5
Canada	28.8	27.5	27.5	27.5
China	28.5	28.4	28.4	28.4
Czech Republic	27.5	27.4	28.5	25.8
Denmark	29.3	29.3	29.3	29.3
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
Greece	30.3	30.3	30.3	30.3
Hungary	29.3	29.4	29.6	29.2
Iceland	26.7	26.7	26.7	26.7
Italy	29.0	29.0	29.0	29.0
Japan	29.4	29.4	29.4	29.2
Kazakhstan	25.1	25.1	25.1	25.1
Korea, Republic of	29.3	29.3	28.9	28.9

Table I (continued)
NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS				
COKE OVEN COKE	2010	2011	2012	2013
Luxembourg	28.5	28.5	28.5	28.5
Mexico	26.5	26.5	26.5	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	26.8	26.8	28.2	28.2
Poland	28.0	28.0	28.0	28.0
Portugal	29.4	29.6	29.6	29.5
Romania	26.4	26.4	26.4	26.4
Slovakia	28.2	28.2	28.0	27.5
Slovenia	29.5	29.5	29.6	29.9
Spain	28.5	26.8	26.8	26.8
Sweden	28.1	28.1	28.1	28.1
Switzerland	25.5	25.5	25.5	25.5
T.F. Yugoslav Republic of Macedonia	25.7	25.2	25.6	25.6
Turkey	27.9	27.9	28.2	29.7
United Kingdom	29.8	29.8	29.8	29.8
United States	28.8	28.8	28.8	28.9
Uruguay	28.5	28.5	28.5	28.5
PATENT FUEL	2010	2011	2012	2013
Austria	31.0	31.0	31.0	31.0
Belgium	29.3	29.3	30.5	30.5
France	32.0	32.0	32.0	32.0
Germany	31.4	31.4	31.4	31.4
Netherlands	29.3	29.3	29.3	29.3
Poland	23.2	23.2	23.2	23.2
Slovakia	28.0	28.0	28.0	28.0
United Kingdom	31.0	31.0	31.0	31.1
BROWN COAL BRIQUETTES	2010	2011	2012	2013
Austria	19.3	19.3	19.3	19.3
Belgium	20.0	20.0	20.7	20.7
Czech Republic	19.4	21.6	22.0	20.7
Denmark	18.3	18.3	18.3	18.3
Germany	20.3	21.3	20.9	20.1
Hungary	20.0	23.0	19.8	19.8
Luxembourg	20.1	22.2	22.2	22.2
Poland	17.5	17.5	17.6	17.6
Slovakia	17.0	17.0	17.0	17.0

Table I (continued)
NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS				
PEAT	2010	2011	2012	2013
Finland	10.2	10.2	10.1	10.2
Sweden	12.9	12.9	12.9	12.9
T.F. Yugoslav Republic of Macedonia	11.5	9.6	9.1	9.1
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	17585
Gas works gas	17585
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	1193	315	262	7.50	0.02055	1.193
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 this table. As discussed in the introduction, this table follows 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.

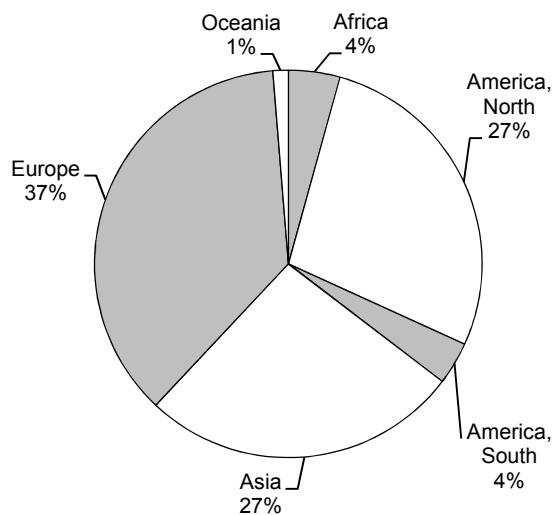
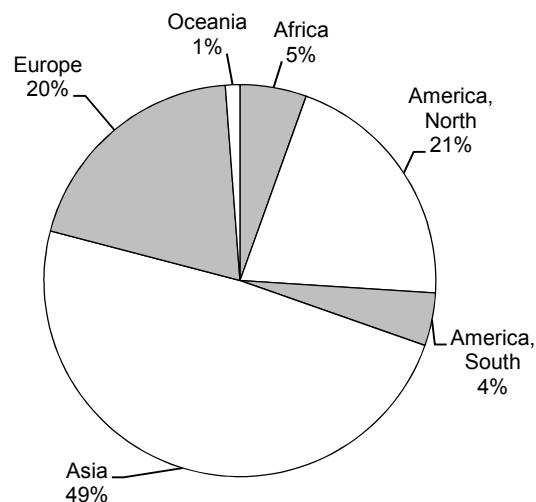
Figure 1: Total energy supply by region, 1990**Figure 2: Total energy supply by region, 2013**

Figure 3: Total energy supply by region, 1990-2013

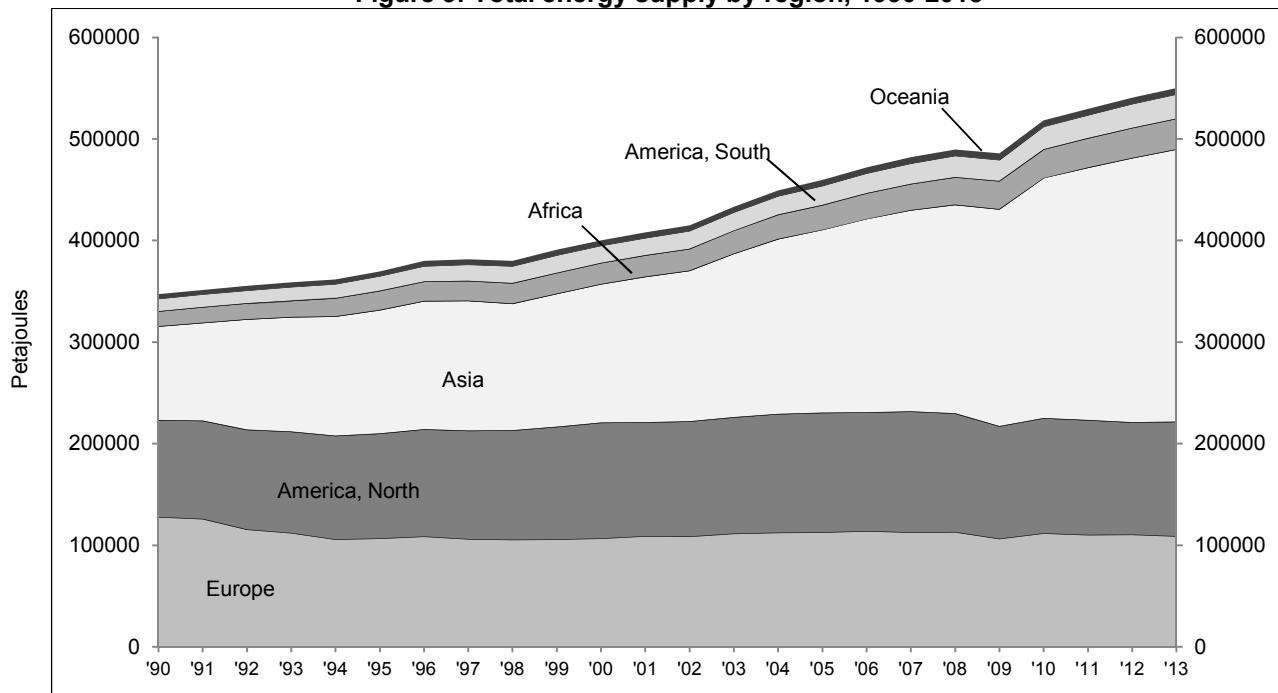


Table 1**Total Energy Supply**

Petajoules

Country or area	1990	1995	2000	2005	2010	2012	2013
World	347,052	369,614	400,273	459,642	518,270	540,803	550,201
Africa	14,948	18,733	21,007	24,477	28,250	29,821	30,156
Algeria	1,073	1,269	1,169	1,578	1,641	1,890	1,959
Angola	238	344	316	381	561	654	642
Benin	74	89	83	105	153	163	170
Botswana	39	44	57	65	77	76	86
Burkina Faso	93	104	83	114	143	156	164
Burundi	58	66	55	81	89	58	58
Cabo Verde	*2	*3	*4	*6	8	8	7
Cameroon	193	255	264	295	291	291	307
Central African Rep.	31	31	22	22	23	23	23
Chad	45	50	57	66	73	75	77
Comoros	2	3	3	4	4	*5	*5
Congo	36	44	40	45	69	99	102
Côte d'Ivoire	215	253	278	418	425	528	547
Dem. Rep. of the Congo	477	584	635	825	831	860	888
Djibouti	*6	*7	8	*9	11	*11	*11
Egypt	1,271	1,605	2,288	2,742	3,243	3,451	3,422
Equatorial Guinea	6	6	9	52	68	*88	*73
Eritrea	..	43	30	32	31	33	34
Ethiopia	..	918	1,022	1,132	1,293	1,352	1,394
Ethiopia, incl. Eritrea	543	..	..	..	..	..	..
Gabon	50	56	62	72	88	94	99
Gambia	7	8	9	10	*13	*13	*14
Ghana	350	475	271	251	267	323	316
Guinea	106	126	123	126	148	149	145
Guinea-Bissau	20	21	23	26	28	29	29
Kenya	289	337	388	443	*793	*841	*873
Lesotho	13	15	20	34	47	*46	*48
Liberia	38	30	49	63	75	82	83
Libya	468	653	685	727	851	712	707
Madagascar	85	107	118	127	151	158	166
Malawi	63	63	86	91	99	100	101
Mali	43	48	57	60	64	66	66
Mauritania	*23	*26	29	36	45	51	*51
Mauritius	33	41	49	57	63	63	58
Morocco	352	428	477	603	758	828	796
Mozambique	248	264	292	364	421	447	469
Namibia	0	36	40	52	65	66	63
Niger	62	73	81	*77	70	84	87
Nigeria	*2,255	3,232	3,756	4,453	5,019	5,607	5,589
Réunion	28	35	42	48	57	58	*59
Rwanda	35	54	54	71	84	*91	*95
Sao Tome and Principe	*1	1	*2	*2	2	*3	*3
Senegal	*86	*92	89	109	165	168	154
Seychelles	2	*3	8	10	10	10	9
Sierra Leone	50	47	55	56	60	65	67
Somalia	58	69	90	107	126	129	126
South Africa	3,921	4,360	5,044	5,468	6,316	6,304	6,341
South Sudan	..	..	..	..	..	27	28
Sudan	..	..	..	..	..	585	608
Sudan (former)	451	506	556	654	711	..	..
Swaziland	20	21	41	40	46	48	49
Togo	87	108	89	99	130	131	134
Tunisia	192	220	293	349	427	422	430
Uganda	281	312	338	376	425	443	452
United Rep. of Tanzania	206	477	572	722	854	932	994
Zambia	222	244	260	305	351	382	400

Table 1

Total Energy Supply

Petajoules

Country or area	1990	1995	2000	2005	2010	2012	2013
Zimbabwe	400	422	438	414	386	441	480
America, North	95,426	103,190	113,910	117,735	113,467	110,603	112,979
Anguilla	..	..	*1	*2	*2	*2	*2
Antigua and Barbuda	*7	*7	*5	*6	*8	*8	*8
Aruba	*24	*22	*25	27	*27	*17	*12
Bahamas	*27	*23	*23	*25	36	28	45
Barbados	16	13	16	18	20	20	19
Belize	8	10	11	*11	12	13	13
Bermuda	8	*6	*7	5	*8	7	6
Bonaire, St Eustatius, Saba	..	..	..	..	..	*5	*5
British Virgin Islands	*1	*1	*1	*2	*2	*2	*2
Canada	8,638	9,556	10,415	11,192	10,375	10,422	10,431
Cayman Islands	4	*5	*7	7	8	8	8
Costa Rica	69	110	137	177	203	207	222
Cuba	630	452	462	412	566	542	*585
Curaçao	..	..	..	..	..	87	78
Dominica	*1	1	2	2	*2	*2	*2
Dominican Republic	143	236	278	262	312	329	339
El Salvador	92	135	166	189	176	188	176
Greenland	8	*7	*8	9	10	9	9
Grenada	2	2	3	3	4	4	5
Guadeloupe	18	*22	*24	28	*31	*31	*33
Guatemala	195	252	307	365	391	427	452
Haiti	64	71	84	142	159	170	172
Honduras	122	142	157	170	191	214	217
Jamaica	113	130	148	151	103	103	108
Martinique	27	*27	*28	33	31	33	*33
Mexico	5,150	5,460	6,085	6,997	7,196	7,749	7,944
Montserrat	0	0	0	*1	1	1	1
Neth. Antilles (former)	82	*95	83	84	69	..	..
Nicaragua	86	103	107	119	125	138	149
Panama	62	62	104	120	143	152	158
Puerto Rico	*1	0	13	24	27	48	56
Sint Maarten (Dutch part)	..	..	..	..	..	*12	*12
St. Kitts-Nevis	*2	*3	*3	*4	*4	*4	*4
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	4	3
Trinidad and Tobago	249	320	411	519	844	808	824
Turks and Caicos Islands	0	0	0	*2	*3	*3	*3
United States	79,570	85,906	94,779	96,616	92,368	88,798	90,838
America, South	12,399	14,551	16,810	18,930	22,271	23,578	23,905
Argentina	1,928	2,194	2,556	2,919	3,307	3,382	3,378
Bolivia (Plur. State of)	99	144	177	220	263	319	336
Brazil	5,960	7,062	8,020	9,252	10,916	11,631	12,149
Chile	587	772	1,073	1,178	1,278	1,551	1,613
Colombia	983	1,104	1,103	1,180	1,390	1,460	1,513
Ecuador	256	362	358	506	611	646	680
Falkland Is. (Malvinas)	0	*1	*1	*1	*1	*1	*1
French Guiana	12	13	*10	*11	*13	*13	*13
Guyana	24	29	32	29	32	36	34
Paraguay	*84	118	153	180	234	236	228
Peru	395	444	542	565	800	856	858
Suriname	30	35	38	28	43	41	34
Uruguay	96	107	119	126	173	201	196
Venezuela (Bolivar. Rep.)	1,944	2,167	2,629	2,737	3,211	3,204	2,871
Asia	92,354	121,780	136,434	180,162	236,341	260,307	268,015

Table 1**Total Energy Supply**

Petajoules

Country or area	1990	1995	2000	2005	2010	2012	2013
Afghanistan	*46	*29	25	36	137	308	*321
Armenia	..	68	84	105	*119	145	143
Azerbaijan	..	536	485	573	486	558	567
Bahrain	213	257	324	323	520	532	574
Bangladesh	785	921	1,001	1,189	1,486	1,596	1,625
Bhutan	37	39	44	48	59	61	63
Brunei Darussalam	107	71	73	76	136	160	127
Cambodia	124	119	142	144	222	242	250
China	30,452	39,163	42,461	66,308	103,251	118,532	127,191
China, Hong Kong SAR	316	398	570	579	551	573	585
China, Macao SAR	15	18	24	28	41	47	47
Cyprus	54	69	87	92	103	94	82
Georgia	..	59	93	135	131	155	163
India	10,370	13,035	16,130	22,787	28,836	32,528	33,195
Indonesia	3,759	4,587	4,970	7,087	8,330	10,271	8,754
Iran (Islamic Rep. of)	2,825	3,890	5,386	7,221	9,040	9,515	9,172
Iraq	563	1,089	995	1,488	1,437	1,872	2,077
Israel	480	649	763	767	966	1,012	997
Japan	18,318	20,696	21,678	21,774	20,877	18,904	18,984
Jordan	133	172	205	289	303	329	325
Kazakhstan	..	2,185	1,560	2,352	3,335	3,287	3,548
Korea, Dem.Ppl's.Rep.	*2,563	*2,663	826	895	795	603	612
Korea, Republic of	3,851	6,083	7,854	8,764	10,441	10,992	11,007
Kuwait	711	835	824	1,133	1,350	1,568	1,475
Kyrgyzstan	..	101	101	112	116	173	167
Lao People's Dem. Rep.	55	59	68	74	75	77	85
Lebanon	*113	171	207	206	262	293	289
Malaysia	773	1,768	1,958	2,632	2,955	3,146	3,417
Maldives	2	4	6	9	13	15	15
Mongolia	116	89	87	104	284	373	475
Myanmar	449	498	538	619	653	681	682
Nepal	154	297	349	388	452	405	458
Oman	153	236	322	445	832	985	1,015
Other Asia	1,947	2,621	3,410	4,238	4,651	4,446	4,534
Pakistan	1,290	1,722	2,082	2,642	2,954	*3,043	2,868
Philippines	1,039	1,264	1,551	1,469	1,572	1,727	1,781
Qatar	199	553	584	728	1,165	1,579	1,396
Saudi Arabia	3,336	3,516	4,487	6,047	7,703	8,320	7,985
Singapore	656	640	756	805	888	1,054	1,120
Sri Lanka	187	225	296	324	360	382	388
State of Palestine	..	..	20	58	54	58	61
Syrian Arab Republic	476	585	729	740	911	627	542
Tajikistan	..	95	91	98	93	99	106
Thailand	1,784	2,635	3,069	4,040	4,927	5,200	5,336
Timor-Leste	..	..	..	*4	*4	*5	*7
Turkey	2,191	2,598	3,202	3,549	4,419	4,918	4,897
Turkmenistan	..	574	624	805	951	1,073	1,102
United Arab Emirates	791	1,108	1,719	1,842	2,587	2,795	*2,710
Uzbekistan	..	1,726	2,116	1,970	1,809	2,027	1,798
Viet Nam	791	908	1,262	1,747	2,372	2,667	2,554
Yemen	..	153	197	274	326	250	344
Yemen Arab Rep. (former)	*47	..	..	..	..	..	..
Yemen, Dem. (former)	*84	..	..	..	..	..	..
Europe	127,473	106,510	106,533	112,472	111,605	110,095	108,618
Albania	89	47	65	92	91	88	102
Andorra	0	7	9	10	10	*9	*9
Austria	1,038	1,119	1,194	1,421	1,432	1,387	1,391
Belarus	..	1,043	1,029	1,125	1,163	1,280	1,142
Belgium	2,005	2,237	2,426	2,436	2,530	2,254	2,338

Table 1

Total Energy Supply

Petajoules

Country or area	1990	1995	2000	2005	2010	2012	2013
Bosnia and Herzegovina	..	56	179	206	269	278	266
Bulgaria	1,181	966	773	826	741	767	703
Croatia	..	293	324	371	356	330	321
Czech Republic	..	1,753	1,741	1,885	1,860	1,779	1,751
Czechoslovakia (former)	2,960	..	..	..	..	..	..
Denmark	725	811	785	786	812	720	725
Estonia	..	217	196	220	236	233	258
Faeroe Islands	9	10	*10	*11	*9	*9	*9
Finland	1,135	1,170	1,348	1,436	1,525	1,414	1,374
France	9,381	9,924	10,540	11,332	10,948	10,559	10,597
German Dem. R. (former)	*3,676	..	..	..	..	..	..
Germany	..	14,037	14,034	14,009	13,650	12,998	13,261
Germany, Fed. R. (former)	11,391	..	..	..	..	..	..
Gibraltar	2	4	5	6	7	7	8
Greece	902	963	1,148	1,280	1,169	1,124	993
Guernsey	..	..	..	1	1	1	0
Hungary	1,211	1,093	1,049	1,155	1,078	988	947
Iceland	87	90	139	158	278	308	312
Ireland	416	446	573	610	610	551	548
Isle of Man	..	..	..	0	0	1	0
Italy	6,366	6,714	7,230	7,738	7,168	6,804	6,530
Jersey	..	1	1	3	3	*3	*3
Latvia	..	197	157	190	189	185	183
Liechtenstein	..	..	..	..	3	3	3
Lithuania	..	376	306	362	286	299	282
Luxembourg	143	133	142	185	178	173	168
Malta	28	29	28	37	35	37	31
Montenegro	..	..	..	44	51	42	42
Netherlands	2,723	2,923	3,014	3,235	3,454	3,250	3,199
Norway	876	964	1,075	1,117	1,426	1,249	1,388
Poland	4,406	4,256	3,780	3,886	4,251	4,110	4,121
Portugal	720	840	1,026	1,104	975	897	899
Republic of Moldova	..	183	66	89	91	91	93
Romania	2,349	1,930	1,532	1,626	1,474	1,469	1,339
Russian Federation	..	26,720	25,994	27,338	28,980	31,118	30,709
Serbia	..	..	..	672	648	604	618
Serbia and Montenegro	..	522	557	..	..	..	..
Slovakia	..	746	744	778	737	688	711
Slovenia	..	254	269	306	302	295	287
Spain	3,744	4,191	5,074	5,915	5,337	5,295	4,923
Sweden	1,967	2,089	1,971	2,137	2,112	2,079	2,044
Switzerland	1,017	1,003	1,041	1,080	1,091	1,068	1,113
T.F.Yug.Rep. Macedonia	..	151	169	163	119	125	117
Ukraine	..	7,073	5,574	5,872	5,491	5,142	4,844
United Kingdom	8,527	8,925	9,216	9,219	8,428	7,982	7,920
USSR (former)	56,587	..	..	..	..	..	..
Yugoslavia, SFR (former)	1,809	..	..	..	..	..	..
Oceania	4,452	4,851	5,579	5,867	6,335	6,398	6,528
Australia	3,741	4,057	4,651	4,898	5,264	5,284	5,386
Cook Islands	0	0	0	1	*1	*1	*1
Fiji	21	*25	22	28	28	28	31
French Polynesia	*8	7	9	12	13	*12	*12
Kiribati	0	0	1	*1	*1	*1	*1
Marshall Islands	*1	*1	*1	*1	*1	*1	*1
Micronesia(Fed. States of)	..	..	*2	2	2	*2	*2
Nauru	*2	*1	*1	*1	*1	*1	*1
New Caledonia	21	27	30	37	46	48	51
New Zealand	557	631	749	749	835	872	876
Pacific Islands (former)	*3	..	..	..	..	..	..

Table 1**Total Energy Supply**

Petajoules

Country or area	1990	1995	2000	2005	2010	2012	2013
Palau	..	*2	*2	*3	*3	*3	*3
Papua New Guinea	88	89	99	122	126	130	144
Samoa	*3	*3	*3	*3	*4	*4	4
Solomon Islands	*5	*5	*5	*6	*6	*6	*6
Tonga	1	1	1	*2	2	2	3
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

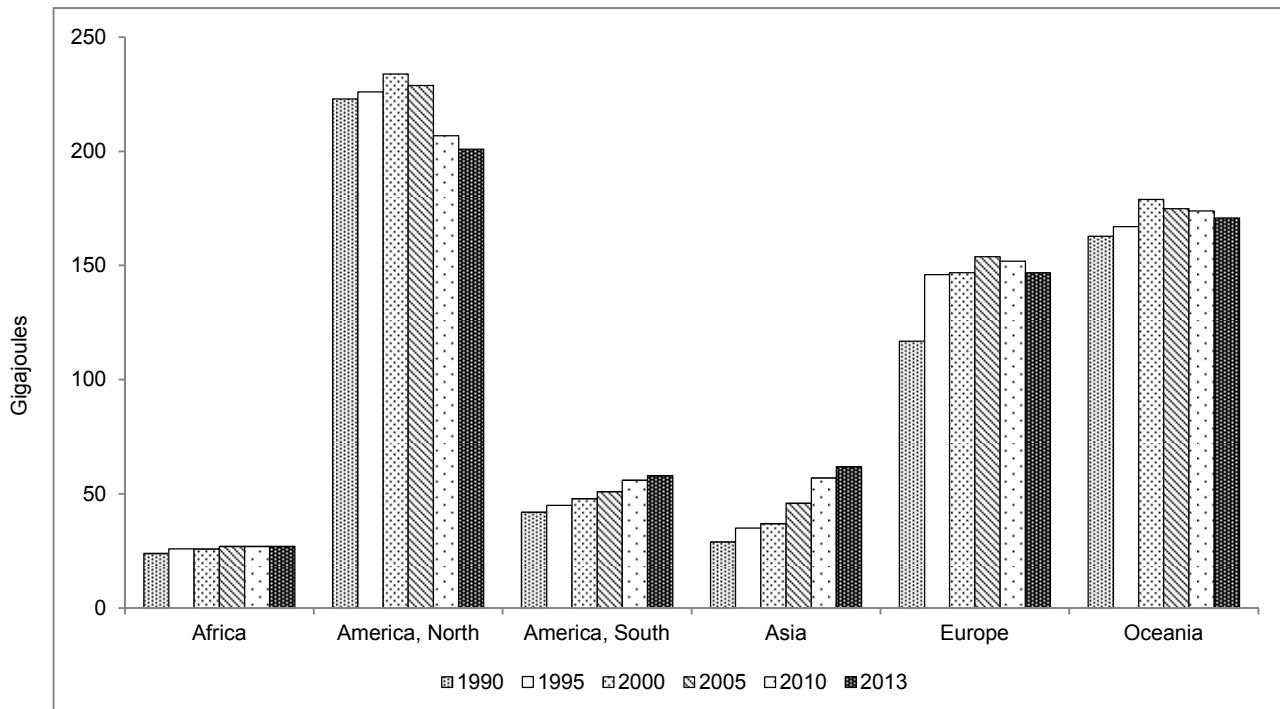
Figure 4: Total per capita energy supply by region, selected years

Figure 5: Production of solids by region, 2013

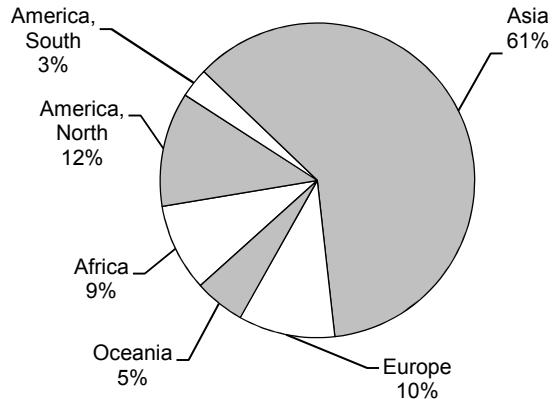


Figure 6: Production of liquids by region, 2013

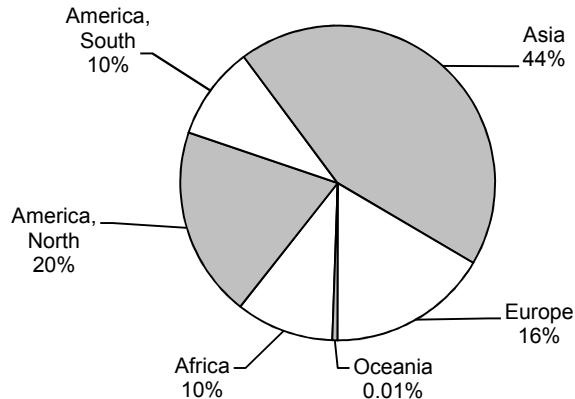


Figure 7: Production of gases by region, 2013

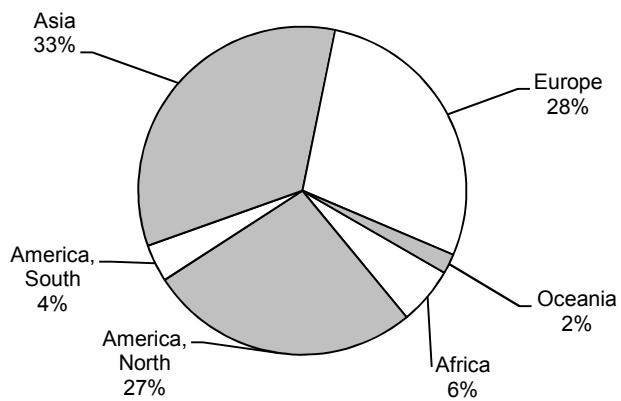


Figure 8: Primary electricity production by region, 2013

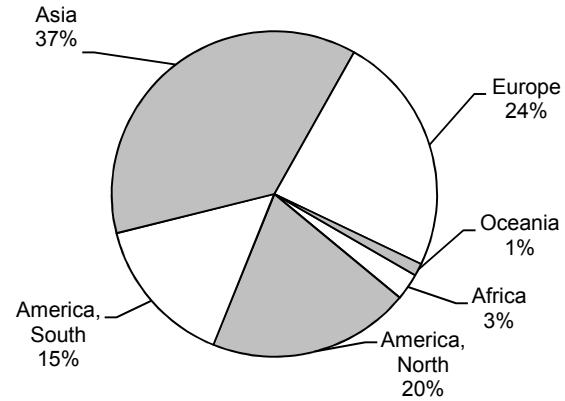


Table 2**Components of Total Energy Supply**

Petajoules and Gigajoules per capita

Country or area	Year	Primary energy production					
		Total	Solids	Liquids	Gases	Electricity	Heat
World	2010	532,611	199,172	172,474	114,579	13,675	32,710
	2011	547,240	207,386	175,885	118,848	14,215	30,906
	2012	556,304	213,372	177,339	120,633	15,299	29,662
	2013	567,050	220,840	177,770	122,003	16,460	29,977
Africa	2010	47,702	18,757	21,038	7,304	408	196
	2011	44,906	19,218	17,859	7,211	411	207
	2012	47,033	19,748	19,218	7,461	413	194
	2013	45,472	19,943	17,915	6,947	440	227
Algeria	2010	6,200	2	3,184	3,013	1	..
	2011	6,008	1	3,091	2,914	2	..
	2012	5,928	1	2,888	3,037	2	..
	2013	5,676	1	2,789	2,885	1	..
Angola	2010	4,109	330	3,741	25	13	..
	2011	3,827	340	3,447	26	14	..
	2012	4,030	351	3,639	26	14	..
	2013	4,067	362	3,658	32	15	..
Benin	2010	86	86	..	..	..	..
	2011	89	89	..	..	..	..
	2012	91	91	..	..	..	..
	2013	94	94	..	..	..	..
Botswana	2010	30	30	..	..	..	..
	2011	25	25	..	..	..	..
	2012	41	41	..	..	0	..
	2013	42	42	..	..	0	..
Burkina Faso	2010	118	118	..	..	0	..
	2011	120	119	..	..	0	..
	2012	121	121	..	..	0	..
	2013	123	123	..	..	0	..
Burundi	2010	86	85	..	..	0	..
	2011	87	86	..	..	0	..
	2012	54	53	..	..	0	..
	2013	54	53	..	..	0	..
Cabo Verde	2010	1	1	..	..	0	..
	2011	1	1	..	..	0	..
	2012	1	1	..	..	0	..
	2013	1	1	..	..	0	..
Cameroon	2010	351	185	140	11	15	..
	2011	341	190	127	8	16	..
	2012	352	195	131	9	17	..
	2013	376	200	142	16	17	..
Central African Rep.	2010	19	18	..	..	0	..
	2011	19	18	..	..	*1	..
	2012	19	18	..	..	*1	..
	2013	19	18	..	..	*1	..
Chad	2010	324	66	258	..	..	..
	2011	309	66	243	..	..	..
	2012	288	67	220	..	..	..
	2013	275	69	207	..	..	..
Comoros	2010	2	2	..	..	0	..
	2011	3	2	..	..	0	..
	2012	3	3	..	..	0	..
	2013	3	3	..	..	0	..
Congo	2010	724	38	680	4	2	..
	2011	712	56	648	5	3	..
	2012	677	59	607	7	4	..
	2013	619	61	547	8	4	..

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
205,666	205,395	6,560	8,506	-454	518,270	75
210,563	210,496	6,859	8,588	2,202	529,657	76
213,771	213,884	6,943	7,815	630	540,803	76
218,452	220,050	7,032	7,991	228	550,201	77
5,299	24,179	292	311	-32	28,250	27
5,537	20,620	293	228	220	29,082	27
6,068	22,749	320	250	-40	29,821	27
6,495	21,132	306	236	135	30,156	27
71	4,589	20	13	9	1,641	46
114	4,375	20	11	1	1,715	47
221	4,231	22	11	-5	1,890	50
240	3,920	23	11	3	1,959	51
137	3,668	9	7	1	561	26
150	3,375	9	6	1	586	27
208	3,568	8	6	3	654	29
199	3,611	9	3	1	642	27
82	9	7	..	0	153	16
85	9	7	..	0	157	16
89	10	7	..	0	163	16
94	10	8	..	0	170	16
48	0	1	..	0	77	38
52	0	1	..	0	76	36
54	0	1	..	18	76	36
55	0	1	..	10	86	39
27	..	*2	..	0	143	9
31	..	*2	..	0	149	9
36	0	*2	..	0	156	9
44	0	*2	..	0	164	10
4	..	0	..	0	89	9
4	..	0	..	0	91	9
4	0	0	..	0	58	6
4	0	0	..	0	58	6
11	..	3	2	..	8	16
13	..	2	3	..	8	17
11	..	3	2	..	8	16
11	..	3	2	..	7	15
84	152	3	2	-13	291	14
80	134	3	2	0	281	13
83	139	3	2	0	291	13
87	151	3	2	0	307	14
*5	0	*1	..	..	23	5
*5	0	*1	..	..	23	5
*6	0	*1	..	..	23	5
*6	0	*1	..	..	23	5
*4	255	*1	..	..	73	6
*5	239	*1	..	..	74	6
*5	217	*1	..	..	75	6
*5	202	*1	..	..	77	6
*2	..	0	..	..	4	6
*3	..	0	..	..	*5	*7
*2	..	0	..	..	*5	*7
*3	..	0	..	..	*5	*7
10	656	3	..	6	69	17
12	594	2	..	35	93	22
6	578	3	..	3	99	23
6	525	3	..	-4	102	23

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	2010	467	322	83	56	6	..
	2011	514	382	71	55	6	..
	2012	523	394	62	60	6	..
	2013	527	404	51	67	6	..
Dem. Rep. of the Congo	2010	855	780	47	0	28	..
	2011	901	822	51	0	28	..
	2012	877	797	51	0	29	..
	2013	906	819	56	0	31	..
Djibouti	2010	3	3	..	..	..	..
	2011	3	3	..	..	..	..
	2012	3	3	..	..	..	..
	2013	3	3	..	..	..	..
Egypt	2010	3,694	218	1,479	1,943	53	..
	2011	3,718	220	1,455	1,990	54	..
	2012	3,670	221	1,485	1,912	53	..
	2013	3,445	219	1,464	1,709	53	..
Equatorial Guinea	2010	849	4	615	230	0	..
	2011	*925	4	*619	*301	0	..
	2012	*889	4	*643	*242	0	..
	2013	*848	4	*602	*242	0	..
Eritrea	2010	24	24	..	..	0	..
	2011	25	25	..	..	0	..
	2012	26	26	..	..	0	..
	2013	27	27	..	..	0	..
Ethiopia	2010	1,212	1,194	0	..	18	1
	2011	1,236	1,213	0	..	23	0
	2012	1,259	1,231	0	..	27	1
	2013	1,285	1,252	0	..	31	1
Gabon	2010	602	49	539	11	3	..
	2011	603	50	537	13	3	..
	2012	585	52	518	13	3	..
	2013	569	53	499	14	3	..
Gambia	2010	6	6	..	..	..	..
	2011	6	6	..	..	..	..
	2012	7	7	..	..	..	..
	2013	7	7	..	..	..	..
Ghana	2010	148	114	8	..	25	..
	2011	299	128	144	..	27	..
	2012	347	143	175	..	29	..
	2013	351	98	223	..	30	..
Guinea	2010	112	110	..	0	2	..
	2011	112	110	..	0	1	..
	2012	113	111	..	0	2	..
	2013	113	111	..	0	2	..
Guinea-Bissau	2010	24	24	..	..	..	..
	2011	24	24	..	..	..	..
	2012	24	24	..	..	..	..
	2013	25	25	..	..	..	..
Kenya	2010	*650	*587	..	..	12	52
	2011	*662	*598	..	..	12	52
	2012	*690	*621	..	..	15	55
	2013	*719	*638	..	..	16	64
Lesotho	2010	21	19	..	..	2	..
	2011	21	19	..	..	2	..
	2012	21	19	..	..	2	..
	2013	21	19	..	..	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
133	169	2	1	3	425	21
103	128	2	0	-1	487	24
151	144	3	1	-2	528	25
164	142	3	1	-2	547	25
33	50	6	..	0	831	13
40	52	6	..	0	883	13
41	51	7	..	0	860	12
45	56	7	..	0	888	12
13	*1	4	*1	0	11	13
10	*1	4	*1	*-2	10	12
*13	*1	*4	*1	0	*11	*13
*13	*1	*4	*1	0	*11	*13
517	901	36	91	-60	3,243	40
493	629	34	16	-6	3,538	42
560	733	36	15	-5	3,451	40
677	665	25	10	0	3,422	39
*10	*789	*2	..	..	68	94
*10	*850	*2	..	..	*84	*111
*10	*809	*2	..	..	*88	*114
*10	*784	*2	..	..	*73	*91
7	..	0	..	0	31	7
7	..	0	..	0	32	7
7	..	0	..	0	33	7
7	..	0	..	0	34	7
94	0	12	..	1	1,293	15
102	1	12	..	-2	1,327	15
110	2	14	..	0	1,352	15
129	3	15	..	1	1,394	15
9	526	2	9	-15	88	57
10	510	3	9	0	91	58
10	490	3	9	1	94	58
11	470	3	8	0	99	60
*7	0	..	..	..	*13	*8
*6	0	..	..	..	*13	*7
*7	0	..	..	..	*13	*7
*7	0	..	..	..	*14	*7
156	28	4	4	0	267	11
188	195	6	3	0	283	11
177	192	6	3	0	323	13
198	220	6	2	5	316	12
37	0	*1	..	..	148	13
39	0	*1	..	..	149	13
37	0	*1	..	..	149	13
33	0	*1	..	..	145	12
*5	0	0	..	..	28	17
*5	0	0	..	..	28	17
*5	0	0	..	..	29	17
*5	0	0	..	..	29	17
175	8	30	0	-5	*793	*20
199	8	30	1	-1	*823	*20
184	3	30	1	0	*841	*20
182	2	24	2	0	*873	*20
26	0	..	..	..	47	23
*25	0	..	..	..	*46	*23
*26	0	..	..	..	*46	*23
*26	0	..	..	..	*48	*23

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	2010	64	64	..	..	..	..
	2011	66	66	..	..	..	..
	2012	69	69	..	..	..	..
	2013	71	71	..	..	..	..
Libya	2010	4,295	7	3,713	575	..	..
	2011	1,353	7	1,077	269	..	..
	2012	3,590	7	3,166	417	..	..
	2013	2,554	7	2,191	356	..	..
Madagascar	2010	124	122	..	..	3	..
	2011	124	121	..	..	2	..
	2012	124	121	..	..	3	..
	2013	127	124	..	..	3	..
Malawi	2010	85	79	..	..	7	..
	2011	86	80	..	..	6	..
	2012	86	81	..	..	*5	..
	2013	87	81	..	..	*5	..
Mali	2010	52	49	..	..	3	..
	2011	53	50	..	..	3	..
	2012	53	51	..	..	3	..
	2013	53	49	..	..	4	..
Mauritania	2010	34	17	17	..	..	..
	2011	33	17	16	..	..	..
	2012	31	18	14	..	..	..
	2013	31	18	13	..	..	..
Mauritius	2010	11	11	..	..	0	..
	2011	11	11	..	..	0	..
	2012	10	10	..	..	0	..
	2013	9	9	..	0	0	..
Morocco	2010	81	64	0	2	15	..
	2011	78	63	3	2	10	..
	2012	77	62	4	2	9	..
	2013	82	63	0	3	15	..
Mozambique	2010	516	342	1	112	60	..
	2011	548	369	1	118	61	..
	2012	671	483	1	132	55	..
	2013	734	531	2	147	53	..
Namibia	2010	13	8	..	..	5	..
	2011	14	8	..	..	6	..
	2012	14	9	..	..	5	..
	2013	*15	*9	..	..	6	..
Niger	2010	56	56	..	..	0	..
	2011	62	58	4	..	0	..
	2012	88	61	27	..	0	..
	2013	101	64	38	..	0	..
Nigeria	2010	10,598	4,098	5,365	1,113	23	..
	2011	10,817	4,287	5,198	1,311	21	..
	2012	11,105	4,530	5,145	1,409	20	..
	2013	10,668	4,560	4,817	1,271	19	..
Réunion	2010	8	4	..	0	2	1
	2011	7	4	..	0	2	1
	2012	8	4	..	0	3	1
	2013	*8	*4	..	0	3	*1
Rwanda	2010	76	75	..	0	0	..
	2011	*78	*78	..	0	1	..
	2012	*81	*80	..	0	1	..
	2013	*83	*83	..	0	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
12	..	0	*1	..	75	19
13	..	0	*1	..	79	19
15	..	0	*1	..	82	20
13	..	0	*1	..	83	19
153	3,489	9	15	84	851	136
169	799	2	3	153	564	90
215	3,069	9	14	0	712	113
290	2,121	7	10	0	707	113
28	0	2	*1	-1	151	7
33	0	3	*1	-1	154	7
39	0	3	*1	1	158	7
42	0	2	*1	0	166	7
14	0	..	..	..	99	7
14	0	..	..	..	100	7
14	0	..	..	..	100	6
14	0	..	..	..	101	6
*14	1	*1	..	..	64	4
*16	*1	*1	..	..	66	4
*15	*1	*1	..	..	66	4
*15	*1	*1	..	..	66	4
29	21	1	..	*-3	45	12
31	6	1	..	*11	47	13
34	15	1	..	*-1	51	13
*34	*13	1	..	0	*51	*13
64	..	5	10	-2	63	50
67	..	5	12	-1	62	49
68	..	5	11	-1	63	50
72	..	10	11	2	58	46
738	26	25	*1	10	758	23
750	25	28	*1	-4	779	24
825	23	41	*1	10	828	25
849	57	25	6	47	796	23
63	155	3	..	0	421	17
68	163	3	..	11	440	18
66	245	3	..	42	447	17
88	280	3	..	70	469	18
54	1	2	..	0	65	29
47	0	*1	..	0	61	27
54	0	*2	..	0	66	29
50	0	*1	..	0	63	27
14	0	1	..	0	70	4
14	0	1	..	2	73	4
4	7	1	..	0	84	5
4	16	1	..	1	87	5
379	5,970	7	17	-35	5,019	31
341	5,803	8	16	20	5,310	32
350	5,929	8	17	-105	5,607	33
363	5,424	15	15	-12	5,589	32
53	..	*2	1	0	57	69
56	..	*3	0	1	59	71
52	..	*2	0	-2	58	69
*53	..	*3	0	*-2	*59	*70
*9	0	*1	..	0	84	8
*10	0	*1	..	0	*88	*8
11	0	*1	..	0	*91	*8
12	0	*1	..	0	*95	*9

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
Sao Tome and Principe	2010	1	1	..	..	0	..
	2011	1	1	..	..	0	..
	2012	1	1	..	..	0	..
	2013	1	1	..	..	0	..
Senegal	2010	86	85	..	1	0	1
	2011	90	87	..	1	0	1
	2012	92	89	..	1	0	1
	2013	75	73	..	2	0	1
Seychelles	2010	0	0	..	..	..	..
	2011	0	0	..	..	..	..
	2012	0	0	..	..	..	..
	2013	0	0	..	..	0	..
Sierra Leone	2010	52	51	..	..	*1	..
	2011	52	52	..	..	1	..
	2012	52	52	..	..	0	..
	2013	52	52	..	..	0	..
Somalia	2010	124	124	..	..	..	..
	2011	128	128	..	..	..	..
	2012	128	128	..	..	..	..
	2013	125	125	..	..	..	..
South Africa	2010	6,914	6,695	24	53	8	133
	2011	6,885	6,658	24	47	8	149
	2012	6,998	6,807	14	40	5	132
	2013	6,999	6,783	12	43	5	156
South Sudan	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	74	8	66	..	0	..
	2013	217	8	209	..	0	..
St. Helena and Depend.	2010	0	0	..	..	0	..
	2011	0	0	..	..	0	..
	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
Sudan	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	616	376	216	..	24	..
	2013	672	380	261	..	30	..
Sudan (former)	2010	1,473	473	977	..	22	..
	2011	1,467	487	957	..	23	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Swaziland	2010	33	32	..	..	1	..
	2011	34	33	..	..	1	..
	2012	37	36	..	..	1	..
	2013	38	37	..	..	1	..
Togo	2010	99	99	..	..	0	..
	2011	102	101	..	..	0	..
	2012	105	104	..	..	0	..
	2013	108	107	..	..	0	..
Tunisia	2010	341	39	164	129	1	8
	2011	312	39	146	122	1	4
	2012	309	40	145	119	1	5
	2013	298	40	134	118	2	5
Uganda	2010	379	373	..	..	*6	..
	2011	396	390	..	..	*6	..
	2012	398	392	..	..	*6	..
	2013	398	391	..	..	*7	..

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
2	..	0	..	..	2	14
*2	..	0	..	..	*2	*14
*2	..	0	..	..	*3	*15
*2	..	0	..	..	*3	*14
90	3	10	3	-4	165	13
97	7	9	4	-4	172	13
90	4	9	3	-2	168	12
99	7	11	3	-2	154	11
14	..	*2	*3	..	10	103
12	..	*2	*2	..	8	88
14	..	*1	*3	..	10	103
12	..	*1	*2	..	9	94
9	..	0	..	..	60	10
11	..	0	..	..	63	11
13	..	0	..	..	65	11
15	..	0	..	..	67	11
*11	7	2	*1	..	126	13
*11	9	2	*1	..	127	13
*12	8	2	*1	..	129	13
*12	8	2	*1	..	126	12
1,312	1,745	36	127	1	6,316	122
1,432	1,774	39	131	7	6,366	122
1,471	1,975	38	145	6	6,304	119
1,514	1,976	38	140	18	6,341	119
..
..
20	66	1	..	..	27	2
21	209	2	..	..	28	2
0	..	..	..	..	0	38
0	..	..	..	..	0	37
0	..	..	..	..	0	41
0	..	..	..	..	0	40
..
..
47	67	10	1	..	585	16
48	103	*8	1	..	608	16
34	783	12	1	..	711	16
49	786	14	1	..	716	15
..
..
*15	*1	0	..	0	46	39
*15	*3	0	..	0	47	39
*15	*4	0	..	0	48	39
*17	*6	0	..	0	49	39
33	..	3	1	-1	130	20
30	..	3	1	-3	131	20
28	..	3	1	-2	131	19
29	..	3	1	-2	134	19
254	163	11	1	-7	427	40
236	129	10	1	3	405	38
281	153	12	1	1	422	39
281	134	12	0	2	430	39
50	0	*4	..	..	425	13
53	0	*4	..	..	445	13
50	0	*4	..	..	443	13
58	0	*4	..	..	452	12

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	2010	789	752	..	27	10	..
	2011	814	777	..	30	7	..
	2012	843	803	..	34	6	..
	2013	889	849	..	34	6	..
Zambia	2010	322	282	..	..	41	..
	2011	332	291	..	..	41	..
	2012	344	301	..	..	43	..
	2013	362	314	..	..	*48	..
Zimbabwe	2010	361	340	..	..	21	..
	2011	372	354	..	..	19	..
	2012	391	371	..	..	19	..
	2013	422	404	..	..	18	..
America, North	2010	100,278	28,035	28,214	30,031	2,820	11,177
	2011	103,349	28,322	29,201	31,521	3,227	11,078
	2012	104,444	26,351	31,538	32,514	3,182	10,858
	2013	108,024	25,970	34,790	32,714	3,312	11,239
Anguilla	2010	0	0	..	..	..	..
	2011	0	0	..	..	..	..
	2012	0	0	..	..	..	..
	2013	0	0	..	..	..	..
Antigua and Barbuda	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Aruba	2010	*5	0	*5	..	0	..
	2011	*5	0	*4	..	0	..
	2012	*4	0	*3	..	0	..
	2013	*1	0	0	..	0	..
Bahamas	2010	0	0	..	..	..	..
	2011	0	0	..	..	..	..
	2012	0	0	..	..	..	..
	2013	0	0	..	..	..	..
Barbados	2010	4	1	2	1	..	..
	2011	3	1	2	1	..	..
	2012	3	1	2	1	..	..
	2013	3	1	1	1	..	..
Belize	2010	13	3	9	0	1	..
	2011	13	*3	9	0	1	..
	2012	12	*4	7	0	*1	..
	2013	*10	*4	5	0	*1	..
Bermuda	2010	*1	*1	..	..	..	..
	2011	*1	*1	..	..	..	..
	2012	*1	*1	..	..	..	..
	2013	*1	*1	..	..	..	..
Bonaire, St Eustatius, Saba	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
British Virgin Islands	2010	0	0	..	..	..	..
	2011	0	0	..	..	..	..
	2012	0	0	..	..	..	..
	2013	0	0	..	..	..	..
Canada	2010	16,265	1,936	6,496	5,554	1,297	981
	2011	16,771	1,930	6,885	5,553	1,390	1,013
	2012	17,147	1,852	7,408	5,451	1,411	1,026
	2013	17,868	1,958	7,878	5,467	1,453	1,112

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
71	..	5	2	..	854	19
79	..	5	2	..	887	19
96	..	5	2	..	932	19
113	..	6	2	..	994	20
36	6	1	..	0	351	25
37	4	1	..	0	364	25
44	4	2	..	-1	382	26
46	6	2	..	-1	400	26
34	8	0	..	..	386	28
54	9	0	..	..	417	29
59	8	0	..	..	441	30
68	9	0	..	..	480	32
37,913	22,659	1,161	1,419	-515	113,467	207
37,682	25,225	1,159	1,454	111	113,082	205
34,247	25,722	1,145	989	233	110,603	198
32,050	26,654	1,177	976	-1,712	112,979	201
*2	..	..	..	..	*2	*155
*2	..	..	..	..	*2	*144
*2	..	..	..	..	*2	*140
*2	..	..	..	..	*2	*136
*10	0	*2	0	..	*8	*86
*10	0	2	0	..	*7	*84
*10	0	2	0	..	*8	*85
*10	0	*2	0	..	*8	*84
*458	*433	*3	0	..	*27	*266
*458	*432	*3	0	..	*27	*263
*122	*105	*4	0	..	*17	*162
*16	0	*4	0	..	*12	*120
45	*2	*4	*4	..	36	99
40	*1	*4	*7	..	28	76
37	*2	*4	*4	..	28	75
54	*2	*3	*5	..	45	118
24	2	*6	..	0	20	73
25	2	*6	..	0	20	72
24	2	*5	..	0	20	70
24	1	*6	..	0	19	69
8	9	1	..	0	12	38
9	8	0	..	0	13	41
7	6	0	..	0	13	38
8	4	1	..	0	13	39
*11	..	*2	*1	..	*8	*131
7	..	*1	*1	..	6	95
8	..	*1	*1	..	7	108
6	..	*1	*1	..	6	88
..
*14	..	0	*8	..	*5	*215
*14	..	0	*9	..	*5	*213
*2	..	..	..	..	*2	*89
*2	..	..	..	..	*2	*89
*2	..	..	..	..	*2	*87
*2	..	..	..	..	*2	*85
3,266	9,389	47	29	-309	10,375	304
3,628	9,843	40	21	-120	10,614	308
3,559	10,294	42	17	-69	10,422	299
3,252	10,801	34	17	-163	10,431	296

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	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Costa Rica	2010	104	34	1	..	27	42
	2011	105	31	1	..	27	46
	2012	106	27	1	..	28	50
	2013	124	28	1	0	33	62
Cuba	2010	200	34	128	38	0	..
	2011	206	42	128	36	0	..
	2012	206	42	127	36	0	..
	2013	*218	39	*141	37	0	..
Curaçao	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Dominica	2010	0	0	..	..	0	..
	2011	0	0	..	..	0	..
	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
Dominican Republic	2010	36	31	..	..	5	..
	2011	36	31	..	..	5	..
	2012	38	31	..	..	7	..
	2013	43	36	..	..	8	..
El Salvador	2010	95	33	..	..	8	55
	2011	94	32	..	..	7	55
	2012	96	34	..	..	7	55
	2013	95	33	..	..	6	56
Greenland	2010	1	0	..	..	1	..
	2011	*1	0	..	..	*1	..
	2012	1	0	..	..	1	..
	2013	1	0	..	..	1	..
Grenada	2010	0	0	..	..	..	..
	2011	0	0	..	..	..	..
	2012	0	0	..	..	..	..
	2013	0	0	..	..	..	..
Guadeloupe	2010	*2	0	..	..	0	*2
	2011	*3	0	..	..	*1	*2
	2012	*3	0	..	..	*1	*2
	2013	*4	0	..	..	*1	*3
Guatemala	2010	279	228	28	..	14	10
	2011	302	253	25	..	15	9
	2012	309	259	24	..	16	9
	2013	310	264	21	..	17	8
Haiti	2010	131	130	..	..	1	..
	2011	135	135	..	..	0	..
	2012	140	139	..	..	1	..
	2013	140	139	..	..	1	..
Honduras	2010	93	82	..	..	11	..
	2011	101	91	..	..	11	..
	2012	104	93	..	..	11	..
	2013	106	95	..	..	11	..
Jamaica	2010	6	5	..	..	1	..
	2011	7	6	..	..	1	..
	2012	7	6	..	..	1	..
	2013	7	6	..	..	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
8	..	0	..	..	8	144
9	..	0	..	..	8	149
8	..	*1	..	..	8	134
8	..	0	..	..	8	131
105	6	0	0	0	203	45
105	3	0	0	1	205	45
105	6	0	0	-2	207	44
108	3	7	0	0	222	47
373	..	*6	*1	..	566	50
342	..	*6	*1	..	541	48
343	..	*6	*1	..	542	48
*374	..	*6	*1	..	*585	*51
..
489	332	3	67	..	87	572
498	351	3	67	..	78	502
*2	0	0	0	..	*2	*29
*2	0	0	0	..	*2	*28
*2	0	0	0	..	*2	*29
*2	0	0	0	..	*2	*28
291	..	17	..	-2	312	31
299	..	19	..	1	316	31
312	..	21	..	0	329	32
314	..	19	..	0	339	33
91	5	5	..	-1	176	29
89	4	5	..	-5	180	30
94	3	5	..	-7	188	31
83	1	6	..	-6	176	29
13	..	..	3	1	10	186
13	..	..	3	-1	11	199
11	..	..	3	0	9	164
10	..	..	*2	0	9	166
4	..	0	..	0	4	38
4	..	0	..	0	4	36
4	..	0	..	0	4	39
5	..	0	..	0	5	43
*34	..	*6	..	..	*31	*67
*34	..	6	..	..	*31	*68
*34	..	*6	..	..	*31	*68
*34	..	*6	..	..	*33	*70
159	33	3	12	0	391	27
164	31	3	13	1	419	28
164	27	2	13	4	427	28
168	30	2	14	-20	452	29
29	..	1	..	..	159	16
30	..	1	..	..	164	16
33	..	2	..	..	170	17
35	..	4	..	-1	172	16
116	16	2	0	0	191	25
122	15	2	0	-5	212	28
131	18	2	0	0	214	28
134	20	2	0	0	217	28
118	12	8	3	-2	103	38
122	9	8	3	0	108	39
117	9	8	3	1	103	37
120	8	*8	2	2	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	2010	*1	*1	..	..	0	..
	2011	*1	*1	..	..	0	..
	2012	*1	*1	..	..	0	..
	2013	*1	*1	..	..	0	..
Mexico	2010	8,952	613	6,138	1,757	138	307
	2011	8,990	670	6,081	1,752	137	349
	2012	8,861	666	6,065	1,691	128	311
	2013	8,849	694	5,988	1,697	116	353
Montserrat	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Neth. Antilles (former)	2010	0	0	..	..	..	..
	2011	0	0	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Nicaragua	2010	66	53	..	..	2	11
	2011	66	54	..	..	2	10
	2012	78	57	..	..	3	19
	2013	89	61	..	..	4	24
Panama	2010	26	11	..	..	15	..
	2011	27	12	..	..	15	..
	2012	31	12	..	..	19	..
	2013	31	13	..	..	19	..
Puerto Rico	2010	0	..	..	..	0	..
	2011	1	..	..	..	1	..
	2012	0	..	..	..	0	..
	2013	1	..	..	..	1	..
Sint Maarten (Dutch part)	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
St. Kitts-Nevis	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
St. Lucia	2010	0	0	..	..	..	..
	2011	0	0	..	..	..	..
	2012	0	0	..	..	..	..
	2013	0	0	..	..	..	..
St. Pierre-Miquelon	2010	0	..	..	..	0	..
	2011	0	..	..	..	0	..
	2012	0	..	..	..	0	..
	2013	0	..	..	..	0	..
St. Vincent-Grenadines	2010	0	0	..	..	0	..
	2011	0	0	..	..	0	..
	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
Trinidad and Tobago	2010	1,785	0	285	1,499	..	..
	2011	1,696	0	267	1,429	..	..
	2012	1,669	0	232	1,437	..	..
	2013	1,673	0	229	1,444	..	..
Turks and Caicos Islands	2010	0	0	..	..	..	..
	2011	0	0	..	..	..	..
	2012	0	0	..	..	..	..
	2013	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
39	*7	0	*2	..	31	78
41	*7	0	*2	..	33	84
41	*7	0	*2	..	33	84
*41	*6	0	*2	..	*33	*84
1,960	3,472	113	34	98	7,196	61
2,186	3,369	113	39	128	7,526	63
2,331	3,126	120	39	158	7,749	63
2,288	3,051	126	34	-18	7,944	64
1	..	..	0	0	1	180
1	..	..	0	0	1	121
1	..	..	0	0	1	122
1	..	..	0	0	1	153
339	172	4	95	..	69	334
523	336	4	96	..	87	410
..
..
58	1	1	..	-3	125	22
69	1	1	..	3	129	22
62	1	1	..	0	138	24
61	1	1	..	-1	149	25
236	0	15	124	-20	143	40
259	0	17	139	-23	152	41
272	0	19	*141	-10	152	41
285	0	22	134	1	158	42
27	..	..	..	..	27	7
26	..	..	..	..	27	7
48	..	..	..	..	48	13
55	..	..	..	..	56	15
..
..	..	*1	*20	..	*12	*333
*33	..	*1	*21	..	*12	*327
*4	..	..	..	..	*4	*70
*4	..	..	..	..	*4	*71
*4	..	..	..	..	*4	*73
*4	..	..	..	..	*4	*73
6	..	..	0	..	6	33
6	..	..	0	..	6	33
6	..	..	0	..	6	33
6	..	..	0	..	6	33
*1	..	..	0	..	*1	*159
*1	..	..	0	..	*1	*160
*1	..	..	0	..	*1	*158
*1	..	..	0	..	*1	*162
3	0	0	..	..	3	31
3	0	0	..	..	3	28
4	0	0	..	..	4	34
3	0	0	..	..	3	28
153	1,080	12	14	-13	844	636
192	1,034	13	16	-6	830	622
142	977	7	19	0	808	602
177	1,005	12	23	-13	824	611
*3	0	..	..	..	*3	*86
*3	0	..	..	..	*3	*84
*3	0	..	..	..	*3	*86
*3	0	..	..	..	*3	*85

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 States	2010	72,211	24,839	15,122	21,182	1,298	9,770
	2011	74,785	25,029	15,799	22,750	1,612	9,595
	2012	75,626	23,126	17,669	23,898	1,546	9,387
	2013	78,449	22,596	20,525	24,067	1,639	9,621
America, South	2010	29,526	5,870	16,628	4,371	2,424	235
	2011	30,512	6,205	16,966	4,517	2,586	238
	2012	30,757	6,468	16,770	4,739	2,537	244
	2013	31,052	6,713	17,098	4,535	2,468	238
Argentina	2010	3,343	94	1,570	1,481	121	77
	2011	3,248	97	1,507	1,461	114	69
	2012	3,160	101	1,453	1,430	107	69
	2013	2,981	96	1,393	1,304	120	67
Bolivia (Plur. State of)	2010	659	35	100	517	8	..
	2011	706	34	103	561	8	..
	2012	804	37	118	641	8	..
	2013	912	39	135	730	9	..
Brazil	2010	10,050	2,821	5,089	523	1,460	157
	2011	10,220	2,798	5,143	558	1,552	169
	2012	10,305	2,886	5,097	635	1,513	173
	2013	10,360	2,961	5,091	709	1,431	167
Chile	2010	384	216	24	65	79	..
	2011	412	257	25	53	77	..
	2012	544	405	21	43	74	1
	2013	626	495	21	35	73	2
Colombia	2010	4,486	2,189	1,698	452	146	..
	2011	5,109	2,499	1,981	451	178	..
	2012	5,282	2,579	2,050	479	173	..
	2013	5,700	2,654	2,414	469	162	..
Ecuador	2010	1,185	58	1,079	18	31	0
	2011	1,226	60	1,110	16	40	0
	2012	1,246	60	1,121	21	44	0
	2013	1,293	59	1,170	24	40	0
Falkland Is. (Malvinas)	2010	0	0	..	..	0	..
	2011	0	0	..	..	0	..
	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
French Guiana	2010	*3	1	..	..	*2	..
	2011	*3	1	..	..	*2	..
	2012	3	1	..	..	2	..
	2013	3	1	..	..	2	..
Guyana	2010	8	8	..	..	..	..
	2011	10	10	..	..	..	..
	2012	8	8	..	..	..	..
	2013	7	7	..	..	..	..
Paraguay	2010	327	130	3	..	195	..
	2011	337	126	3	..	207	..
	2012	343	123	3	..	217	..
	2013	335	114	4	..	217	..
Peru	2010	810	130	289	319	72	0
	2011	930	152	285	413	*79	0
	2012	920	122	286	432	79	1
	2013	982	148	307	444	80	2
Suriname	2010	43	2	37	0	3	..
	2011	44	2	39	0	3	..
	2012	45	2	39	0	4	..
	2013	42	2	39	0	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
29,914	8,021	903	1,095	-263	92,368	298
28,853	10,128	904	1,112	135	91,359	292
25,670	10,806	883	649	159	88,798	282
23,810	11,370	902	642	-1,494	90,838	286
5,319	12,098	244	337	-105	22,271	56
5,600	12,892	253	352	38	22,578	56
5,875	12,642	287	322	-196	23,578	58
6,278	12,859	289	321	-44	23,905	58
396	341	27	49	16	3,307	80
543	319	31	56	29	3,356	81
600	294	31	70	-17	3,382	80
703	191	38	72	5	3,378	79
30	425	2	..	-1	263	27
37	460	2	..	6	275	27
42	525	2	..	1	319	31
41	616	2	..	-1	336	32
2,772	1,663	82	168	-8	10,916	55
2,890	1,611	91	179	57	11,172	56
2,950	1,462	94	159	-91	11,631	57
3,200	1,199	98	143	-30	12,149	59
952	26	21	17	-6	1,278	75
1,057	26	18	21	3	1,401	81
1,074	36	29	7	-5	1,551	89
1,114	67	26	9	26	1,613	92
108	3,140	*39	18	6	1,390	30
110	3,745	*50	*13	-2	1,412	30
135	3,896	*54	*7	0	1,460	31
158	4,240	44	34	26	1,513	32
236	816	14	23	-43	611	41
219	800	15	25	-28	633	42
226	850	14	22	-60	646	42
258	897	16	17	-59	680	43
*1	..	..	..	..	*1	*261
*1	..	..	..	..	*1	*255
*1	..	..	..	..	*1	*259
*1	..	..	..	..	*1	*258
*12	..	*2	..	..	*13	*54
*12	..	*2	..	..	*13	*54
*11	..	*2	..	..	*13	*52
*12	..	*2	..	..	*13	*52
24	..	0	..	0	32	43
25	..	0	..	0	34	46
28	..	1	..	0	36	47
27	..	0	..	0	34	45
66	163	1	..	-4	234	38
69	172	1	..	-5	236	38
73	177	1	..	2	236	37
64	175	1	..	-5	228	35
308	293	27	10	-12	800	27
309	388	33	7	-15	826	28
330	411	29	9	-55	856	28
345	475	32	0	-38	858	28
20	20	..	..	0	43	83
18	25	..	..	0	37	70
21	24	..	..	0	41	78
21	29	..	..	0	34	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
Uruguay	2010	89	58	1	..	31	..
	2011	84	59	1	..	24	..
	2012	82	61	1	..	20	..
	2013	94	62	2	..	30	..
Venezuela (Bolivar. Rep.)	2010	8,139	128	6,739	996	276	..
	2011	8,184	109	6,770	1,003	301	..
	2012	8,013	81	6,581	1,056	295	..
	2013	7,716	74	6,522	820	301	..
Asia	2010	238,944	115,547	75,077	36,510	4,515	7,295
	2011	253,226	122,750	80,843	39,486	4,558	5,588
	2012	257,518	128,074	79,106	40,207	5,382	4,750
	2013	264,336	134,828	77,586	41,063	6,098	4,761
Afghanistan	2010	41	34	..	5	3	..
	2011	62	53	..	6	3	..
	2012	56	47	..	6	3	..
	2013	59	51	..	5	*3	..
Armenia	2010	52	16	..	..	9	27
	2011	55	19	..	..	9	28
	2012	52	19	..	..	8	25
	2013	52	19	..	..	8	25
Azerbaijan	2010	2,759	3	2,157	586	12	..
	2011	2,525	4	1,937	575	10	..
	2012	2,458	4	1,842	606	7	..
	2013	2,486	6	1,846	629	5	..
Bahrain	2010	840	0	401	439	..	..
	2011	863	0	419	444	..	..
	2012	830	0	383	447	..	..
	2013	920	0	432	487	..	..
Bangladesh	2010	1,300	590	11	696	3	..
	2011	1,307	592	10	701	3	..
	2012	1,347	598	10	736	3	..
	2013	1,410	601	11	794	4	..
Bhutan	2010	73	47	..	..	26	..
	2011	73	48	..	..	25	..
	2012	72	48	..	..	25	..
	2013	75	48	..	..	28	..
Brunei Darussalam	2010	775	0	345	430	..	..
	2011	780	0	332	448	0	..
	2012	773	0	333	440	0	..
	2013	710	0	282	427	0	..
Cambodia	2010	152	152	..	..	0	..
	2011	159	159	..	..	0	..
	2012	165	163	..	..	2	..
	2013	171	167	..	..	4	..
China	2010	90,442	75,004	8,646	3,234	2,760	798
	2011	98,279	80,571	10,444	3,562	2,769	933
	2012	101,749	84,392	9,056	3,764	3,485	1,052
	2013	108,185	89,757	9,195	4,186	3,841	1,205
China, Hong Kong SAR	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
China, Macao SAR	2010	*2	*2	..	..	..	..
	2011	*2	*2	..	..	..	..
	2012	*2	*2	..	..	..	..
	2013	*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
118	11	3	19	1	173	51
121	2	4	16	-6	189	56
146	4	4	12	8	201	59
109	2	3	10	-7	196	58
*276	5,200	25	34	-54	3,211	111
*191	5,343	6	35	-2	2,993	102
237	4,961	26	37	22	3,204	107
225	4,969	26	37	39	2,871	95
87,215	81,740	2,480	4,064	1,534	236,341	57
91,543	87,404	2,699	4,123	2,013	248,530	59
97,599	87,147	2,761	4,026	876	260,307	61
103,856	91,353	2,846	4,233	1,745	268,015	62
97	1	0	..	..	137	5
125	1	0	..	..	185	6
254	1	0	..	..	308	10
*264	*1	0	..	..	*321	*10
*76	4	*2	..	*3	*119	*40
90	9	*2	..	0	135	45
103	9	*2	..	0	145	49
99	7	*2	..	0	143	48
2	2,221	17	3	34	486	53
2	1,989	19	3	-11	527	57
2	1,869	16	4	13	558	60
6	1,893	17	3	11	567	60
*400	689	28	3	0	520	412
*367	675	26	3	-1	526	403
*355	632	24	3	-6	532	399
*278	605	17	3	-2	574	425
189	10	13	3	-22	1,486	10
232	8	15	3	-20	1,533	10
236	6	14	4	-36	1,596	10
235	5	14	4	-2	1,625	10
7	21	0	..	..	59	81
8	21	0	..	..	59	81
8	19	0	..	..	61	82
*9	21	0	..	..	63	83
6	645	5	4	-7	136	345
11	619	5	4	2	162	406
16	621	4	3	1	160	396
13	588	4	3	0	127	310
72	..	2	..	..	222	15
75	..	2	..	..	232	16
80	..	2	..	..	242	16
82	..	3	..	..	250	17
16,756	2,108	221	349	1,269	103,251	77
18,244	1,947	248	369	2,023	111,935	83
20,417	1,664	262	360	1,348	118,532	87
23,465	1,897	280	312	1,970	127,191	93
1,386	32	285	390	128	551	79
1,328	39	306	384	25	574	81
1,275	43	302	347	9	573	81
1,291	32	306	361	7	585	82
45	6	..	..	0	41	77
51	6	..	..	0	46	85
52	6	..	..	0	47	85
53	7	..	..	0	47	83

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	2010	4	1	0	0	0	3
	2011	4	0	0	0	0	3
	2012	4	0	0	0	1	3
	2013	5	0	0	0	1	3
Georgia	2010	55	17	2	0	34	2
	2011	47	16	2	0	28	0
	2012	46	17	2	0	26	0
	2013	59	27	2	0	30	1
India	2010	22,531	18,208	1,793	1,834	412	284
	2011	22,918	18,708	1,816	1,672	373	349
	2012	23,218	19,223	1,801	1,429	410	355
	2013	22,401	18,384	1,789	1,216	643	370
Indonesia	2010	16,854	11,398	2,230	2,827	63	337
	2011	17,651	12,192	2,102	2,975	45	337
	2012	18,412	13,185	2,025	2,817	46	339
	2013	19,754	15,092	1,725	2,537	61	339
Iran (Islamic Rep. of)	2010	15,646	84	10,474	5,054	35	..
	2011	15,814	87	10,396	5,284	44	4
	2012	13,473	112	7,804	5,492	46	20
	2013	12,544	114	6,794	5,533	54	49
Iraq	2010	5,274	2	4,984	271	17	..
	2011	5,813	2	5,586	210	15	..
	2012	6,426	2	6,199	206	20	..
	2013	6,522	2	6,249	250	21	..
Israel	2010	162	2	0	112	0	47
	2011	197	2	1	147	1	46
	2012	136	1	1	87	1	46
	2013	270	0	1	221	2	46
Japan	2010	4,130	411	28	134	324	3,232
	2011	2,144	429	27	134	335	1,219
	2012	1,189	433	25	128	314	288
	2013	1,172	470	22	114	351	215
Jordan	2010	9	3	0	6	0	..
	2011	9	3	0	6	0	..
	2012	8	3	0	5	0	..
	2013	7	3	0	4	0	..
Kazakhstan	2010	6,770	2,035	3,393	1,314	29	..
	2011	6,961	2,134	3,410	1,388	28	..
	2012	7,030	2,212	3,375	1,415	28	..
	2013	7,198	2,198	3,483	1,489	28	..
Korea, Dem.Ppl's.Rep.	2010	872	824	..	..	48	..
	2011	843	796	..	..	48	..
	2012	849	800	..	..	49	..
	2013	1,009	960	..	..	49	..
Korea, Republic of	2010	1,855	163	34	29	19	1,611
	2011	1,941	181	33	26	23	1,678
	2012	1,908	196	34	26	22	1,631
	2013	1,799	206	31	27	27	1,508
Kuwait	2010	5,557	0	5,137	420	..	..
	2011	6,366	0	5,883	483	..	..
	2012	7,136	0	6,591	545	..	..
	2013	7,113	0	6,555	558	..	..
Kyrgyzstan	2010	53	9	4	1	40	..
	2011	68	13	3	1	51	..
	2012	73	18	3	1	51	..
	2013	74	22	4	1	47	..

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
124	..	12	8	5	103	94
112	..	13	8	-5	100	90
111	..	12	8	1	94	83
98	..	10	10	1	82	71
86	8	2	..	0	131	31
110	6	2	..	0	149	35
115	4	2	..	0	155	38
112	5	4	..	0	163	40
9,416	2,650	208	0	252	28,836	23
10,610	2,683	208	0	199	30,438	24
12,380	2,889	208	0	-28	32,528	26
13,929	3,016	170	53	-103	33,195	26
1,890	10,399	5	8	2	8,330	34
2,018	9,773	30	8	-187	10,044	41
2,210	10,382	32	8	-72	10,271	41
2,391	13,274	39	15	62	8,754	35
781	7,137	67	102	80	9,040	122
608	7,184	63	98	-89	9,167	122
265	4,201	62	84	-124	9,515	125
316	3,533	52	132	-30	9,172	119
118	3,953	0	0	1	1,437	47
411	4,525	35	7	0	1,656	52
526	5,052	14	7	7	1,872	57
555	4,991	17	7	-16	2,077	61
1,021	169	34	14	0	966	130
986	207	36	13	-37	965	128
1,098	164	35	13	11	1,012	132
1,168	368	35	10	27	997	128
17,906	751	229	184	-5	20,877	164
18,243	607	256	163	42	19,319	152
18,778	583	268	161	50	18,904	149
18,974	741	272	163	-15	18,984	149
310	4	5	1	5	303	46
290	0	5	0	-12	305	45
334	0	6	1	7	329	47
313	0	*6	0	-10	325	45
484	*3,821	9	0	88	3,335	204
447	*3,967	7	1	-74	3,507	212
557	*4,225	9	0	65	3,287	195
647	4,210	7	0	80	3,548	208
43	120	..	..	..	795	32
42	293	..	..	..	592	24
69	315	..	..	..	603	24
42	439	..	..	..	612	25
11,144	1,915	166	360	117	10,441	213
11,787	2,293	168	350	44	10,874	220
12,002	2,459	168	341	-49	10,992	222
12,147	2,380	177	333	49	11,007	221
95	4,271	31	22	-22	1,350	441
118	5,041	30	43	-18	1,388	429
91	5,584	35	45	-5	1,568	459
75	5,656	32	46	-21	1,475	410
86	11	12	..	1	116	21
86	15	2	..	-3	139	25
116	11	1	..	4	173	31
108	10	2	..	2	167	29

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.	2010	79	67	..	..	12	..
	2011	78	66	..	..	13	..
	2012	82	70	..	..	*13	..
	2013	85	70	..	..	15	..
Lebanon	2010	9	5	..	..	3	1
	2011	9	5	..	..	3	1
	2012	9	5	..	..	4	1
	2013	10	5	..	..	4	1
Malaysia	2010	3,450	104	1,408	1,915	23	..
	2011	3,394	118	1,272	1,977	27	..
	2012	3,369	115	1,291	1,931	33	..
	2013	3,529	117	1,240	2,133	39	..
Maldives	2010	0	0	..	..	..	..
	2011	0	0	..	..	..	..
	2012	0	0	..	..	..	..
	2013	0	0	..	..	..	..
Mongolia	2010	666	654	13	..	..	..
	2011	843	828	15	..	..	..
	2012	794	773	21	..	..	..
	2013	808	778	30	..	..	..
Myanmar	2010	960	450	40	448	22	..
	2011	985	457	39	462	27	..
	2012	989	463	36	461	28	..
	2013	972	469	36	435	32	..
Nepal	2010	391	377	..	3	12	..
	2011	342	327	..	3	13	..
	2012	341	324	..	4	13	..
	2013	386	368	..	7	11	..
Oman	2010	2,847	0	1,797	1,049	..	..
	2011	2,934	0	1,840	1,093	..	..
	2012	3,014	0	1,917	1,097	..	..
	2013	3,151	0	1,965	1,186	..	..
Other Asia	2010	538	55	1	10	19	454
	2011	562	68	4	11	19	459
	2012	551	65	5	14	26	441
	2013	561	64	5	12	26	454
Pakistan	2010	2,113	594	148	1,220	115	37
	2011	2,205	622	149	1,275	103	57
	2012	*2,220	617	*167	*1,279	*107	*49
	2013	2,009	607	160	1,079	112	51
Philippines	2010	865	307	43	129	28	357
	2011	882	310	39	140	35	358
	2012	969	393	35	134	37	369
	2013	935	394	36	123	36	346
Qatar	2010	7,428	0	2,936	4,492	..	..
	2011	8,802	0	3,169	5,634	..	..
	2012	9,184	0	3,269	5,915	..	..
	2013	9,271	0	3,252	6,019	..	..
Saudi Arabia	2010	22,115	..	19,607	2,508	0	..
	2011	24,664	..	22,110	2,554	0	..
	2012	26,010	..	23,236	2,773	0	..
	2013	25,573	..	22,770	2,803	0	..
Singapore	2010	..	..	..	..	..	..
	2011	0	0	..	..	..	..
	2012	0	0	..	..	..	..
	2013	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
*9	13	0	..	..	75	12
*9	*14	0	..	..	73	11
*9	*14	0	..	..	77	12
*11	*10	0	..	..	85	13
264	..	10	1	..	262	60
262	..	10	1	..	260	57
293	..	9	1	..	293	59
291	..	11	1	..	289	55
1,664	*2,095	*71	3	*-9	2,955	105
1,732	1,920	76	8	54	3,068	107
1,864	2,085	75	2	-76	3,146	108
2,094	2,035	102	14	54	3,417	116
15	..	*1	*2	..	13	39
16	..	*1	*2	..	14	40
21	..	*4	*2	..	15	45
22	..	*5	*2	..	15	43
36	487	..	..	*-69	284	105
44	619	..	..	*-49	316	115
*50	461	..	..	*9	373	133
56	*387	..	..	*2	475	166
68	372	1	0	2	653	13
65	362	1	0	-8	695	13
61	364	1	0	2	681	13
81	369	2	0	1	682	13
65	0	3	..	..	452	17
67	0	*4	..	..	405	15
69	0	*4	..	..	405	15
76	0	*4	..	..	458	16
99	2,056	18	47	-7	832	283
98	2,038	17	23	-2	956	298
99	2,076	18	32	2	985	278
113	2,202	16	36	-4	1,015	260
4,941	670	87	72	-1	4,651	200
4,696	566	87	66	-25	4,565	196
4,734	694	91	48	6	4,446	191
4,812	727	97	49	-35	4,534	194
927	70	7	7	2	2,954	17
862	39	9	4	0	3,015	17
*866	*37	*9	*4	*-5	*3,043	*17
908	34	*8	4	3	2,868	16
937	167	44	8	11	1,572	17
908	144	48	9	8	1,581	17
954	126	48	8	14	1,727	18
1,003	128	49	7	-27	1,781	18
23	6,235	49	..	3	1,165	660
4	7,419	64	..	-7	1,331	699
0	7,539	79	..	-13	1,579	783
6	7,778	88	..	15	1,396	664
405	14,940	90	106	-319	7,703	274
433	17,242	93	111	257	7,395	257
707	18,428	96	115	-243	8,320	282
1,035	18,517	82	138	-114	7,985	264
6,354	3,625	*217	1,655	-31	888	175
6,678	3,911	*254	1,747	-36	801	154
6,515	3,518	*283	1,728	-69	1,054	199
6,627	3,524	*297	1,720	-34	1,120	207

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
Sri Lanka	2010	184	164	..	..	21	..
	2011	180	164	..	..	17	..
	2012	173	161	..	..	12	..
	2013	184	158	..	..	26	..
State of Palestine	2010	9	4	..	..	..	5
	2011	9	4	..	..	..	5
	2012	8	3	..	..	..	5
	2013	8	3	..	..	..	5
Syrian Arab Republic	2010	1,165	0	852	303	9	..
	2011	1,056	0	777	267	12	..
	2012	567	0	360	195	12	..
	2013	316	0	113	192	11	..
Tajikistan	2010	64	3	1	1	59	..
	2011	64	4	1	1	58	..
	2012	70	7	1	0	61	..
	2013	72	*9	1	0	61	..
Thailand	2010	2,934	1,113	746	1,055	20	0
	2011	*2,956	1,108	*721	*1,098	29	0
	2012	*3,130	1,125	*752	*1,223	30	0
	2013	3,036	1,151	642	1,217	26	0
Timor-Leste	2010	186	1	185	..	..	..
	2011	178	1	177	..	..	..
	2012	169	1	168	..	..	..
	2013	168	1	167	..	..	..
Turkey	2010	1,352	921	106	26	197	100
	2011	1,345	897	101	29	205	113
	2012	1,282	799	100	27	229	126
	2013	1,352	837	103	27	241	144
Turkmenistan	2010	1,982	0	437	1,545	0	..
	2011	2,737	0	479	2,258	0	..
	2012	2,853	0	499	2,355	0	..
	2013	3,210	0	535	2,675	..	..
United Arab Emirates	2010	7,541	..	5,740	1,801	..	..
	2011	8,150	..	6,314	1,837	..	..
	2012	8,465	..	6,563	1,902	..	..
	2013	8,792	..	6,874	1,918	..	..
Uzbekistan	2010	2,309	54	166	2,050	39	..
	2011	2,400	57	157	2,150	37	..
	2012	2,382	57	140	2,145	40	..
	2013	2,267	59	132	2,033	42	..
Viet Nam	2010	2,747	1,668	648	330	101	..
	2011	2,806	1,704	656	298	149	..
	2012	2,856	1,614	722	329	192	..
	2013	2,887	1,604	720	353	210	..
Yemen	2010	803	4	566	234	..	..
	2011	765	4	422	339	..	..
	2012	618	4	340	274	..	..
	2013	759	5	382	373	..	..
Europe	2010	102,277	20,626	30,420	34,318	3,338	13,574
	2011	101,823	21,101	29,978	33,951	3,241	13,552
	2012	102,517	22,273	29,650	33,618	3,605	13,370
	2013	102,943	21,925	29,452	34,371	3,939	13,257
Albania	2010	69	9	31	0	28	..
	2011	62	9	38	1	15	..
	2012	70	9	44	1	17	..
	2013	85	9	51	1	25	..

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
187	1	6	10	-7	360	18
224	3	14	12	-4	381	19
245	0	17	11	8	382	19
220	6	15	11	-16	388	19
45	0	..	..	..	54	13
50	0	..	..	..	59	14
50	0	..	..	..	58	13
53	0	..	..	..	61	14
238	424	1	46	20	911	44
174	307	1	40	45	837	41
119	38	1	21	0	627	31
272	26	1	19	0	542	28
31	1	1	..	..	93	12
28	2	1	..	..	89	12
34	3	1	..	..	99	12
40	4	2	..	..	106	13
2,696	532	*137	0	34	4,927	74
2,594	490	*147	0	*-19	4,931	74
2,826	549	*147	0	*59	5,200	77
2,851	519	161	31	-161	5,336	79
*3	*185	0	..	..	*4	*4
*4	*177	0	..	..	*5	*4
*4	*168	0	..	..	*5	*5
*6	*167	0	..	..	*7	*6
3,407	300	52	16	-28	4,419	61
3,726	354	50	6	-55	4,716	64
4,108	362	44	8	57	4,918	66
4,027	376	45	38	23	4,897	64
..	1,007	23	..	..	951	189
..	1,678	21	..	..	1,037	203
..	1,762	18	..	..	1,073	207
..	2,088	20	..	..	1,102	210
1,596	5,654	*273	*624	..	2,587	311
1,726	6,361	*290	*619	..	2,606	298
1,778	6,508	*300	*639	..	2,795	312
1,888	6,936	*338	*696	..	2,710	300
47	546	..	..	..	1,809	65
47	464	..	..	..	1,983	70
48	402	..	..	..	2,027	71
47	516	..	..	..	1,798	62
484	812	29	13	5	2,372	27
549	756	31	14	-26	2,580	29
539	753	32	14	-72	2,667	30
450	720	30	7	26	2,554	28
135	602	5	5	..	326	14
148	631	3	4	..	275	11
159	522	2	4	..	250	10
199	606	5	4	..	344	13
67,646	54,992	2,192	2,329	-1,195	111,605	152
67,777	54,744	2,267	2,389	263	109,937	149
67,523	55,654	2,249	2,179	-138	110,095	149
67,143	57,002	2,225	2,183	59	108,618	147
58	36	0	0	0	91	31
62	29	0	0	0	95	33
58	40	0	0	0	88	30
79	51	0	1	10	102	35

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	2010	1	0	..	..	0	..
	2011	1	0	..	..	0	..
	2012	0	0	..	..	0	..
	2013	1	0	..	..	0	..
Austria	2010	507	228	56	69	146	8
	2011	483	224	52	68	131	9
	2012	539	237	51	74	168	9
	2013	507	232	46	55	165	9
Belarus	2010	174	93	73	7	0	..
	2011	180	100	72	8	0	..
	2012	173	93	71	8	0	..
	2013	167	88	71	8	1	..
Belgium	2010	645	96	15	5	8	521
	2011	670	110	17	5	13	525
	2012	590	105	18	7	19	441
	2013	619	101	18	8	24	468
Bosnia and Herzegovina	2010	182	153	..	..	29	..
	2011	193	177	..	..	16	..
	2012	188	173	..	..	15	..
	2013	192	166	..	..	26	..
Bulgaria	2010	442	247	2	3	21	170
	2011	517	304	2	15	14	182
	2012	491	282	1	13	19	176
	2013	443	248	3	9	25	158
Croatia	2010	176	20	32	93	30	1
	2011	158	27	29	84	17	1
	2012	144	29	28	69	18	1
	2013	152	30	27	64	31	1
Czech Republic	2010	1,321	967	20	16	13	305
	2011	1,343	979	21	18	16	308
	2012	1,363	970	21	25	17	330
	2013	1,258	853	19	33	19	335
Denmark	2010	968	109	518	312	28	1
	2011	855	102	466	251	35	1
	2012	784	99	426	220	37	1
	2013	699	101	371	184	42	1
Estonia	2010	205	203	..	0	1	..
	2011	211	209	..	0	1	..
	2012	213	211	..	0	2	..
	2013	237	234	..	0	2	..
Faeroe Islands	2010	0	..	..	..	0	..
	2011	0	..	..	..	0	..
	2012	0	..	..	..	0	..
	2013	0	..	..	..	0	..
Finland	2010	726	414	13	2	48	250
	2011	714	403	10	2	47	253
	2012	718	389	12	2	62	252
	2013	755	429	15	2	49	259
France	2010	5,642	555	143	41	266	4,638
	2011	5,648	476	133	36	214	4,788
	2012	5,587	522	142	35	282	4,606
	2013	5,659	564	146	30	330	4,589
Germany	2010	5,375	2,645	294	643	252	1,542
	2011	5,145	2,682	287	673	310	1,193
	2012	5,124	2,727	272	669	354	1,102
	2013	5,032	2,637	274	659	381	1,081

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	..	..	10	114
9	0	0	..	..	9	111
*9	0	0	..	..	*9	*115
*9	0	0	..	..	*9	*121
1,267	351	29	1	-39	1,432	171
1,296	300	30	1	60	1,387	165
1,320	416	29	1	26	1,387	164
1,212	327	28	1	-27	1,391	164
1,469	489	0	..	-8	1,163	122
1,774	743	0	..	-26	1,238	130
1,945	829	0	..	9	1,280	135
1,657	671	4	..	7	1,142	120
3,465	1,192	59	321	7	2,530	232
3,323	1,242	63	285	12	2,390	217
3,188	1,235	58	256	-24	2,254	203
3,287	1,232	55	260	21	2,338	210
137	53	0	..	-3	269	70
150	51	0	..	-2	294	77
131	38	0	..	3	278	73
129	50	0	..	5	266	70
492	190	7	4	-9	741	100
497	199	7	3	1	804	109
505	220	7	3	-1	767	105
504	228	7	4	6	703	97
318	131	2	0	5	356	82
301	107	2	1	-2	351	82
287	104	3	0	-6	330	77
285	114	3	0	-2	321	75
855	373	13	..	-71	1,860	177
883	379	13	..	47	1,788	170
806	350	13	..	28	1,779	169
838	348	12	..	-16	1,751	166
591	731	35	29	-47	812	146
665	713	36	29	-7	749	134
659	683	36	22	-17	720	128
782	685	36	26	8	725	129
79	38	2	9	-2	236	177
78	42	1	8	0	238	179
131	80	2	17	12	233	176
106	66	1	18	1	258	195
*10	..	0	1	..	*9	*184
*9	..	0	1	..	*8	*168
*9	..	0	1	..	*9	*177
*9	..	0	1	..	*9	*179
1,071	317	23	9	-77	1,525	284
1,132	330	27	8	16	1,465	272
1,015	342	26	5	-54	1,414	261
1,100	410	27	5	37	1,374	252
6,810	1,279	237	97	-109	10,948	174
6,673	1,377	249	104	58	10,534	166
6,546	1,305	242	98	-71	10,559	166
6,463	1,228	240	90	-32	10,597	166
10,353	1,806	347	116	-192	13,650	170
10,009	1,695	330	114	54	12,960	161
10,053	1,723	357	106	-8	12,998	162
10,640	1,983	359	96	-27	13,261	165

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	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Greece	2010	396	338	9	2	37	9
	2011	403	355	8	3	29	9
	2012	437	379	9	4	36	9
	2013	390	318	9	4	51	9
Guernsey	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Hungary	2010	461	136	52	95	3	175
	2011	451	134	47	91	3	175
	2012	442	131	55	76	4	176
	2013	426	132	50	68	3	172
Iceland	2010	252	0	..	0	45	207
	2011	260	0	..	0	45	215
	2012	283	0	..	0	44	239
	2013	286	0	..	0	46	239
Ireland	2010	78	50	3	12	12	0
	2011	70	41	1	10	18	0
	2012	54	25	1	10	17	0
	2013	95	67	1	8	18	0
Isle of Man	2010	0	0	..	..	0	..
	2011	0	0	..	..	0	..
	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
Italy	2010	1,237	225	273	309	224	206
	2011	1,306	251	263	336	239	216
	2012	1,466	387	254	344	267	214
	2013	1,542	396	266	341	321	217
Jersey	2010	0	0	..	..	..	..
	2011	1	1	..	..	..	..
	2012	*1	*1	..	..	..	..
	2013	*1	*1	..	..	..	..
Latvia	2010	83	67	2	1	13	..
	2011	87	73	2	1	11	..
	2012	98	78	3	2	14	..
	2013	90	74	3	3	11	..
Liechtenstein	2010	1	1	..	..	0	0
	2011	1	1	..	..	0	0
	2012	1	1	..	..	0	0
	2013	1	1	..	..	0	0
Lithuania	2010	64	42	9	0	3	9
	2011	64	42	8	0	3	10
	2012	65	42	9	0	3	10
	2013	69	46	9	1	4	9
Luxembourg	2010	5	4	..	0	1	0
	2011	5	4	..	1	1	0
	2012	5	4	..	1	1	0
	2013	6	4	..	1	1	0
Malta	2010	0	..	0	0	0	0
	2011	0	..	0	0	0	0
	2012	0	..	0	0	0	0
	2013	0	..	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
182	..	0	174	..	7	239
181	..	0	174	..	7	231
183	..	0	175	..	7	232
168	..	0	160	..	8	245
1,322	416	29	115	-11	1,169	105
1,255	423	32	116	-44	1,131	101
1,374	545	28	95	18	1,124	101
1,310	618	29	90	-30	993	90
1	..	..	..	..	1	14
1	..	..	..	..	1	18
1	..	..	..	..	1	18
0	..	..	..	..	0	6
794	157	10	..	10	1,078	108
739	186	10	..	-55	1,049	105
726	202	7	..	-29	988	99
727	221	7	..	-22	947	95
33	..	5	2	-1	278	875
34	..	6	3	0	285	889
34	..	6	2	0	308	952
34	..	7	1	1	312	957
620	63	31	4	-10	610	132
596	69	29	4	12	552	119
570	76	24	4	-32	551	118
571	53	27	6	33	548	117
0	0	..	..	..	0	2
0	0	..	..	..	0	2
1	0	..	..	..	1	11
0	0	..	..	..	0	*4
7,558	1,296	136	126	69	7,168	120
7,147	1,187	140	105	-20	7,042	118
6,888	1,307	133	104	6	6,804	114
6,262	1,076	129	92	-23	6,530	109
2	..	..	..	..	3	27
3	..	..	..	..	3	33
*3	..	..	..	..	*3	*33
*3	..	..	..	..	*3	*34
140	46	5	11	-28	189	91
171	55	5	9	10	179	87
176	62	5	10	11	185	91
183	72	5	10	3	183	91
2	..	..	..	..	3	81
2	..	..	..	..	3	77
2	..	..	..	..	3	78
2	..	..	..	..	3	79
568	335	2	6	3	286	92
590	350	2	6	0	296	97
582	344	3	5	-4	299	99
588	371	3	4	-2	282	95
203	12	18	..	-1	178	351
198	10	17	..	0	176	339
194	10	16	..	1	173	325
186	8	16	..	0	168	307
101	1	4	62	-1	35	85
97	0	4	57	2	35	84
93	0	4	50	1	37	89
97	6	4	52	4	31	75

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	2010	37	28	..	..	10	..
	2011	29	25	..	..	4	..
	2012	29	23	..	..	5	..
	2013	32	23	..	..	9	..
Netherlands	2010	2,924	110	87	2,668	15	44
	2011	2,695	110	91	2,430	19	46
	2012	2,711	110	120	2,419	19	44
	2013	2,908	107	145	2,599	23	33
Norway	2010	8,760	119	4,229	3,987	423	1
	2011	8,307	106	4,004	3,758	438	1
	2012	8,561	99	3,726	4,220	516	0
	2013	8,133	111	3,547	4,004	469	1
Poland	2010	2,808	2,582	49	159	17	2
	2011	2,855	2,621	45	167	20	2
	2012	2,986	2,733	56	171	24	2
	2013	2,969	2,699	69	168	30	2
Portugal	2010	242	128	12	1	92	9
	2011	231	130	14	2	76	10
	2012	203	122	11	2	59	8
	2013	241	122	11	3	94	10
Republic of Moldova	2010	8	7	0	0	0	..
	2011	10	9	1	0	0	..
	2012	10	10	0	0	0	..
	2013	12	11	1	0	0	..
Romania	2010	1,155	412	183	361	73	126
	2011	1,162	429	184	363	58	128
	2012	1,142	426	174	365	53	125
	2013	1,090	350	181	361	72	127
Russian Federation	2010	53,679	7,230	21,360	22,615	599	1,873
	2011	54,534	7,174	21,713	23,148	597	1,902
	2012	55,216	8,043	21,984	22,642	597	1,950
	2013	56,266	8,020	22,113	23,583	652	1,897
Serbia	2010	440	346	38	13	43	0
	2011	465	372	45	17	31	0
	2012	449	348	49	18	33	0
	2013	473	367	51	18	37	0
Slovakia	2010	250	59	7	4	19	160
	2011	259	60	8	6	15	169
	2012	261	60	7	8	16	170
	2013	269	63	7	7	20	172
Slovenia	2010	153	72	1	2	16	63
	2011	158	75	0	2	13	69
	2012	148	71	0	2	15	61
	2013	149	70	0	2	17	59
Spain	2010	1,419	337	47	13	335	686
	2011	1,422	425	39	13	291	654
	2012	1,463	420	32	14	282	715
	2013	1,508	415	52	14	356	671
Sweden	2010	1,364	460	22	5	252	625
	2011	1,375	435	21	5	261	654
	2012	1,494	461	26	5	310	692
	2013	1,450	452	17	6	256	718
Switzerland	2010	526	94	0	3	130	298
	2011	513	90	0	3	117	302
	2012	530	96	0	4	140	290
	2013	539	97	0	4	141	298

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
17	3	0	..	..	51	82
19	3	0	..	..	45	73
16	2	1	..	..	42	68
14	3	1	..	..	42	67
7,657	6,385	145	581	16	3,454	208
7,547	6,350	151	624	-86	3,203	192
7,927	6,702	145	567	-26	3,250	194
8,324	7,327	148	524	34	3,199	190
345	7,645	18	16	-1	1,426	292
314	7,397	18	16	25	1,164	235
294	7,565	17	14	10	1,249	249
356	7,067	21	15	-2	1,388	273
1,981	599	22	9	-93	4,251	110
2,086	606	21	7	45	4,261	110
1,980	656	23	6	171	4,110	106
1,921	802	23	6	-61	4,121	107
917	143	38	19	-15	975	92
931	145	39	24	5	949	90
938	179	40	25	0	897	85
979	270	40	27	-16	899	86
82	1	1	..	-2	91	22
85	1	1	..	1	93	23
82	1	1	..	0	91	22
85	2	1	..	1	93	23
483	165	6	1	-7	1,474	73
502	181	6	0	-31	1,508	75
503	169	5	1	2	1,469	74
439	191	6	2	-8	1,339	68
961	25,181	268	65	147	28,980	202
1,284	25,148	276	126	-83	30,350	212
1,160	24,829	284	76	69	31,118	217
1,148	26,004	261	215	225	30,709	214
253	39	2	0	4	648	72
243	38	2	0	-5	673	75
201	33	2	0	11	604	67
198	51	2	0	0	618	69
661	184	2	..	-12	737	136
688	216	2	..	13	717	132
629	205	2	..	-4	688	127
660	223	2	..	-7	711	131
220	68	1	1	0	302	147
210	61	1	1	0	305	148
219	65	1	2	4	295	143
209	72	1	3	-5	287	139
5,105	631	131	352	73	5,337	115
5,113	714	156	360	-25	5,330	114
5,252	1,055	155	352	-142	5,295	114
4,988	1,242	154	303	-125	4,923	106
1,411	585	30	82	-33	2,112	225
1,351	560	32	72	-6	2,068	219
1,329	686	30	71	-42	2,079	218
1,201	506	34	67	0	2,044	212
760	136	60	0	-2	1,091	139
735	135	65	0	-8	1,056	133
746	135	66	0	7	1,068	133
775	140	66	0	-5	1,113	136

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	2010	66	57	0	..	9	0
	2011	71	66	0	..	5	0
	2012	63	58	0	..	4	0
	2013	59	53	0	..	6	0
Ukraine	2010	3,238	1,422	153	646	48	969
	2011	3,513	1,699	145	650	38	981
	2012	3,554	1,744	145	645	40	980
	2013	3,578	1,771	134	671	54	947
United Kingdom	2010	6,198	560	2,684	2,228	50	675
	2011	5,395	574	2,212	1,782	77	750
	2012	4,859	553	1,902	1,543	95	767
	2013	4,557	463	1,744	1,453	127	771
Oceania	2010	13,883	10,336	1,098	2,045	171	234
	2011	13,425	9,790	1,038	2,163	192	242
	2012	14,035	10,458	1,056	2,094	180	246
	2013	15,222	11,461	929	2,373	204	255
Australia	2010	13,019	10,093	972	1,875	68	11
	2011	12,603	9,555	941	2,008	87	12
	2012	13,185	10,225	938	1,928	82	12
	2013	14,368	11,234	819	2,196	106	13
Cook Islands	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Fiji	2010	6	4	..	..	2	..
	2011	7	5	..	..	2	..
	2012	6	4	..	..	2	..
	2013	8	6	..	..	2	..
French Polynesia	2010	1	0	..	..	1	..
	2011	*1	0	..	..	*1	..
	2012	*1	0	..	..	*1	..
	2013	*1	0	..	..	*1	..
Kiribati	2010	0	0	..	..	..	..
	2011	0	0	..	..	..	..
	2012	0	0	..	..	..	..
	2013	0	0	..	..	..	..
Marshall Islands	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Micronesia(Fed. States of)	2010	0	0	..	..	0	..
	2011	0	0	..	..	0	..
	2012	0	0	..	..	0	..
	2013	0	0	..	..	0	..
Nauru	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
New Caledonia	2010	1	..	..	..	1	0
	2011	2	..	..	..	2	0
	2012	2	..	..	..	2	0
	2013	2	..	..	..	2	0
New Zealand	2010	771	178	111	164	95	223
	2011	742	169	97	149	97	231
	2012	739	167	86	162	90	233
	2013	739	160	76	171	90	242

Table 2

Components of Total Energy Supply

Petajoules and Gigajoules per capita

Imports	Exports	International bunkers		Stock changes	Supply	
		Aviation	Marine		Total	Per capita
67	14	0	..	-1	119	58
76	17	0	..	1	130	63
73	12	0	..	-2	125	60
63	8	0	..	-3	117	56
2,144	370	12	..	-490	5,491	120
2,414	427	11	..	265	5,225	115
1,950	332	13	..	16	5,142	113
1,668	343	*5	..	54	4,844	107
6,073	3,531	461	116	-265	8,428	134
6,303	3,260	480	129	37	7,792	123
6,736	3,115	465	111	-78	7,982	126
6,882	2,934	459	106	20	7,920	124
2,274	9,727	190	46	-141	6,335	174
2,423	9,612	188	42	-443	6,449	174
2,458	9,971	179	49	-105	6,398	170
2,630	11,049	189	43	44	6,528	171
1,789	9,532	141	28	-158	5,264	238
1,932	9,449	142	25	-449	5,367	238
1,968	9,786	132	34	-83	5,284	231
2,088	10,864	140	28	38	5,386	231
*1	..	0	..	..	*1	*49
*1	..	0	..	..	*1	*49
*1	..	0	..	..	*1	*49
*1	..	0	..	..	*1	*48
34	0	*11	..	..	28	32
30	0	*7	..	..	29	33
30	0	*7	..	..	28	32
31	0	*7	..	..	31	36
15	..	*1	*2	..	13	49
14	..	*1	*2	..	12	46
14	..	*1	*2	..	12	44
14	..	*1	*2	..	12	44
*1	..	0	..	..	*1	*9
*1	..	0	..	..	*1	*8
*1	..	0	..	..	*1	*8
*1	..	0	..	..	*1	*8
*1	..	..	..	..	*1	*28
*1	..	..	..	..	*1	*28
*1	..	..	..	..	*1	*28
*1	..	..	..	..	*1	*28
2	..	0	..	..	2	17
*2	..	0	..	..	*2	*18
*2	..	0	..	..	*2	*20
*2	..	0	..	..	*2	*21
1	..	0	0	0	1	58
*1	..	0	0	0	*1	*55
*1	..	0	0	0	*1	*55
*1	..	0	0	0	*1	*60
50	0	*1	0	3	46	186
49	0	*1	0	2	48	191
46	0	*1	0	-1	48	189
52	0	1	0	2	51	200
297	175	32	13	12	835	191
307	163	33	14	5	835	190
310	153	34	12	-22	872	196
327	136	36	12	6	876	196

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	2010	0	0	..	..	..	..
	2011	0	0	..	..	..	..
	2012	0	0	..	..	..	..
	2013	0	0	..	..	..	..
Palau	2010	0	..	..	..	0	..
	2011	0	..	..	..	0	..
	2012	0	..	..	..	0	..
	2013	0	..	..	..	0	..
Papua New Guinea	2010	80	57	15	5	4	..
	2011	66	57	0	6	4	..
	2012	97	57	32	5	*4	..
	2013	99	57	34	5	4	..
Samoa	2010	1	1	..	..	0	..
	2011	1	1	..	..	0	..
	2012	1	1	..	..	0	..
	2013	1	1	..	..	0	..
Solomon Islands	2010	*3	*3	..	..	..	..
	2011	*3	*3	..	..	..	..
	2012	*3	*3	..	..	..	..
	2013	*3	*3	..	..	..	..
Tonga	2010	0	0	..	..	..	..
	2011	0	0	..	..	..	..
	2012	0	0	..	..	..	..
	2013	0	0	..	..	..	..
Vanuatu	2010	1	1	0	..	0	..
	2011	1	1	0	..	0	..
	2012	1	1	0	..	0	..
	2013	1	1	0	..	0	..
Wallis and Futuna Is.	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..

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	*64
0	..	0	..	..	0	*65
0	..	0	..	..	0	*65
0	..	0	..	..	0	*65
*4	..	*1	..	..	*3	*152
*4	..	*1	..	..	*3	*154
*4	..	*1	..	..	*3	*153
*4	..	*1	..	..	*3	*152
69	19	*2	*1	2	126	18
71	0	*2	*1	0	134	19
68	32	*2	0	0	130	18
95	49	*2	0	-2	144	20
*3	..	..	..	0	*4	*21
3	..	..	..	0	4	22
*4	..	..	..	0	*4	*23
3	..	..	..	0	4	22
*3	..	0	0	..	*6	*11
*3	0	0	0	..	*6	*11
*3	0	0	0	..	*6	*11
*3	0	0	0	..	*6	*11
2	..	0	0	..	2	16
2	..	0	0	..	2	15
3	..	0	0	..	2	24
3	..	0	0	..	3	28
2	0	0	0	0	3	11
2	0	0	0	0	3	12
2	0	0	0	0	3	11
2	0	0	0	0	3	10
0	..	0	..	..	0	27
0	..	0	..	..	0	28
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.

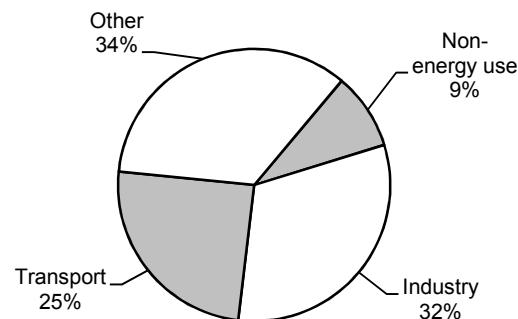
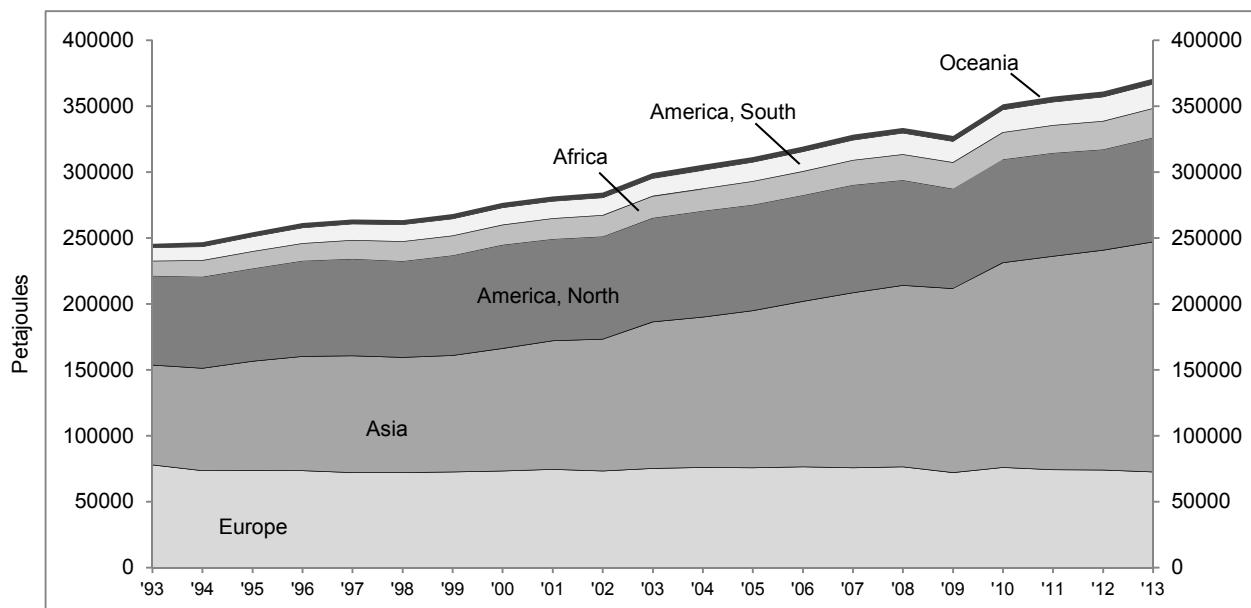
Figure 9: World total final consumption by component, 2013**Figure 10: Total final consumption by region, 1993-2013**

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	2010	351,369	32,939	108,785	84,641	125,005	51
	2011	357,140	33,083	112,760	86,210	125,088	51
	2012	361,079	32,838	112,963	88,281	126,997	51
	2013	370,796	33,866	117,270	91,640	128,020	52
Africa	2010	20,225	797	3,582	3,462	12,384	19
	2011	20,864	773	3,641	3,422	13,028	19
	2012	21,517	814	3,687	3,616	13,400	20
	2013	22,183	788	3,949	3,827	13,620	20
Algeria	2010	1,103	89	219	443	352	31
	2011	1,150	80	225	457	388	31
	2012	1,268	116	218	503	432	34
	2013	1,327	109	223	521	475	35
Angola	2010	*442	7	49	88	*298	*21
	2011	*466	5	51	98	*312	*21
	2012	*511	21	49	115	*326	*23
	2013	*512	8	38	117	*349	*22
Benin	2010	134	..	3	44	88	14
	2011	138	..	3	46	90	14
	2012	144	..	3	48	93	14
	2013	150	..	3	51	96	15
Botswana	2010	68	1	18	28	22	33
	2011	66	1	18	29	18	32
	2012	68	1	18	30	19	32
	2013	71	1	19	32	20	33
Burkina Faso	2010	*124	0	*3	*14	*106	*8
	2011	*130	0	*3	*19	*107	*8
	2012	*136	0	*3	*24	*109	*8
	2013	*144	0	*4	*29	*110	*8
Burundi	2010	*87	0	*1	2	*84	*9
	2011	*89	1	*1	3	*85	*9
	2012	*56	0	*1	3	*52	*6
	2013	*56	1	*1	2	*52	*5
Cabo Verde	2010	6	0	0	3	2	11
	2011	6	0	0	3	2	12
	2012	6	0	0	4	2	12
	2013	5	0	0	3	3	11
Cameroon	2010	*246	1	15	37	*194	*12
	2011	*252	1	14	38	*199	*12
	2012	*260	1	15	40	*204	*12
	2013	*268	1	16	42	*209	*12
Central African Rep.	2010	*17	0	0	*2	*15	*4
	2011	*18	0	0	*2	*15	*4
	2012	*18	0	0	*2	*15	*4
	2013	*18	0	0	*2	*15	*4
Chad	2010	*61	0	5	*1	*55	*5
	2011	*62	0	5	*1	*56	*5
	2012	*63	0	5	*1	*57	*5
	2013	*64	0	6	*1	*58	*5
Comoros	2010	*3	0	..	0	*3	*5
	2011	*4	0	..	*1	*3	*5
	2012	*4	0	..	0	*3	*5
	2013	*4	0	..	*1	*3	*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	
Congo	2010	*51	1	1	20	*30	*13
	2011	*73	1	2	22	*48	*17
	2012	*77	2	2	22	*51	*18
	2013	*79	2	2	23	*52	*18
Côte d'Ivoire	2010	237	1	19	20	197	12
	2011	263	1	19	21	222	13
	2012	288	1	20	33	235	14
	2013	300	1	21	35	242	14
Dem. Rep. of the Congo	2010	799	2	173	23	602	12
	2011	849	2	182	29	635	12
	2012	825	2	178	31	615	12
	2013	852	2	184	33	633	12
Djibouti	2010	*6	0	*1	*1	*5	*8
	2011	*6	0	0	1	*5	*7
	2012	*7	0	0	1	*5	*8
	2013	*7	0	0	*1	*5	*8
Egypt	2010	2,273	293	662	543	775	28
	2011	2,461	345	647	470	998	29
	2012	2,420	313	640	458	1,008	28
	2013	2,547	*317	856	426	948	29
Equatorial Guinea	2010	*44	0	*33	*6	*5	*61
	2011	*57	0	*46	*6	*5	*77
	2012	*62	0	*51	*6	*5	*81
	2013	*71	0	*60	*6	*5	*89
Eritrea	2010	*20	0	0	2	*18	*4
	2011	*21	0	0	2	*18	*4
	2012	*22	0	1	2	*19	*4
	2013	*22	0	1	2	*20	*4
Ethiopia	2010	*1,194	3	34	39	*1,118	*14
	2011	*1,224	3	43	41	*1,137	*14
	2012	*1,250	3	42	46	*1,158	*14
	2013	*1,288	3	51	54	*1,179	*14
Gabon	2010	*75	1	21	7	*47	*49
	2011	*77	1	21	7	*48	*49
	2012	*79	1	22	7	*50	*49
	2013	*83	1	23	8	*51	*50
Gambia	2010	*11	..	0	*3	*7	*6
	2011	*10	..	0	*3	*7	*6
	2012	*11	..	0	*3	*7	*6
	2013	*11	..	0	*3	*7	*6
Ghana	2010	213	3	40	69	*101	9
	2011	244	*3	39	89	112	10
	2012	276	*3	47	107	120	11
	2013	258	*3	37	*109	109	10
Guinea	2010	*134	*2	*12	*10	*111	*12
	2011	*136	*2	*13	*10	*111	*12
	2012	*134	*2	*16	*11	*106	*12
	2013	*132	*2	*15	*11	*104	*11
Guinea-Bissau	2010	*26	*1	0	*1	*24	*16
	2011	*26	*1	0	*1	*24	*16
	2012	*27	*1	0	*1	*25	*16
	2013	*27	*1	0	*1	*25	*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	2010	448	2	69	51	326	11
	2011	464	10	68	63	325	11
	2012	473	12	57	66	338	11
	2013	490	7	64	79	340	11
Lesotho	2010	*44	..	1	*6	*37	*22
	2011	*43	..	1	*5	*37	*21
	2012	*44	..	*1	*6	*37	*21
	2013	*45	..	1	*6	*37	*21
Liberia	2010	*65	0	0	*3	*62	*17
	2011	*69	0	0	*4	*64	*17
	2012	*73	0	0	*5	*68	*17
	2013	*74	0	0	*8	*67	*17
Libya	2010	561	135	46	251	129	89
	2011	354	48	22	189	95	56
	2012	491	80	42	234	135	78
	2013	516	76	27	303	109	82
Madagascar	2010	*114	*1	*5	*12	*97	*5
	2011	*118	0	*8	*12	*98	*5
	2012	*122	*1	*11	*12	*98	*5
	2013	*129	*2	*15	*13	*99	*6
Malawi	2010	*64	*1	*10	*10	*43	*4
	2011	*64	*1	*11	*10	*43	*4
	2012	*64	*1	*11	*9	*43	*4
	2013	*64	*1	*10	*10	*43	*4
Mali	2010	*57	..	3	*5	*49	*4
	2011	*57	..	*3	*5	*50	*4
	2012	*59	..	*3	*5	*51	*4
	2013	*57	..	3	*5	*49	*3
Mauritania	2010	36	0	6	13	*16	10
	2011	*37	0	7	*12	*18	*10
	2012	*40	0	8	*13	*18	*11
	2013	*40	0	*8	*13	*19	*10
Mauritius	2010	36	1	9	18	8	29
	2011	36	1	9	18	9	29
	2012	37	1	8	19	9	30
	2013	33	1	9	14	9	26
Morocco	2010	581	21	147	*146	267	18
	2011	605	21	156	*151	276	18
	2012	633	14	179	*151	289	19
	2013	603	17	129	205	251	18
Mozambique	2010	*334	..	72	23	*239	*14
	2011	*349	..	77	27	*246	*14
	2012	*321	..	80	26	*215	*12
	2013	*412	..	84	27	*301	*16
Namibia	2010	61	1	6	24	31	28
	2011	*59	1	*6	*22	*30	*26
	2012	*65	1	*8	*24	*32	*28
	2013	*59	*1	*6	22	*31	*25
Niger	2010	67	0	4	8	55	4
	2011	67	0	3	7	57	4
	2012	74	0	4	9	61	4
	2013	80	0	4	12	63	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	
Nigeria	2010	*4,438	28	*298	390	*3,722	*28
	2011	*4,653	40	*412	351	*3,849	*28
	2012	*4,868	47	*425	362	*4,034	*29
	2013	*4,896	47	*411	341	*4,098	*28
Réunion	2010	39	*1	4	23	11	47
	2011	40	*1	3	24	11	48
	2012	40	*1	4	23	11	47
	2013	*40	*1	*4	*24	*11	*47
Rwanda	2010	*69	0	*5	*5	*58	*7
	2011	*72	0	*6	*5	*60	*7
	2012	*75	*1	*6	*6	*62	*7
	2013	*77	*1	*6	*7	*64	*7
Sao Tome and Principe	2010	2	0	0	0	1	10
	2011	*2	0	0	0	*1	*10
	2012	*2	0	0	0	*1	*11
	2013	*2	0	0	0	*1	*10
Senegal	2010	105	2	14	28	62	8
	2011	112	2	18	30	63	8
	2012	111	2	16	28	64	8
	2013	107	2	16	31	57	7
Seychelles	2010	*7	0	0	*1	*6	*77
	2011	*6	0	0	*1	*4	*61
	2012	*7	0	1	*1	*6	*75
	2013	*6	0	1	*1	*5	*65
Sierra Leone	2010	*50	0	*1	*5	*44	*9
	2011	*52	0	*1	*6	*46	*9
	2012	*54	0	*1	*6	*47	*9
	2013	*56	0	*1	*7	*48	*9
Somalia	2010	*95	..	*2	2	*91	*10
	2011	*95	..	*2	2	*91	*10
	2012	*96	..	*2	2	*92	*10
	2013	*93	..	*2	2	*89	*9
South Africa	2010	2,897	176	1,154	692	875	56
	2011	2,929	177	1,077	726	949	56
	2012	2,972	165	1,071	726	1,010	56
	2013	3,108	158	1,135	792	1,023	58
South Sudan	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	23	..	0	13	9	2
	2013	22	..	0	13	9	2
St. Helena and Depend.	2010	0	..	..	0	0	20
	2011	0	..	..	0	0	18
	2012	0	..	..	0	0	23
	2013	0	..	..	0	0	20
Sudan	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	415	8	*50	117	241	11
	2013	420	8	*49	113	250	11
Sudan (former)	2010	*499	9	*86	121	*283	*11
	2011	*489	10	*74	120	*285	*10
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..

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	2010	*35	..	*15	*8	*13	*30
	2011	*36	..	*15	*8	*13	*29
	2012	*36	..	*15	*8	*13	*30
	2013	*39	..	*17	*8	*13	*31
Togo	2010	85	0	4	22	59	13
	2011	85	0	4	20	61	13
	2012	83	0	3	17	63	12
	2013	*86	0	3	18	*65	*12
Tunisia	2010	308	9	85	98	116	29
	2011	291	6	78	92	115	27
	2012	303	7	85	91	120	28
	2013	304	8	88	86	124	28
Uganda	2010	*384	0	*19	*20	*344	*12
	2011	*414	0	*19	23	*371	*12
	2012	*416	0	*20	25	*371	*12
	2013	*424	0	*28	27	*368	*12
United Rep. of Tanzania	2010	745	1	104	47	592	16
	2011	773	1	114	52	606	16
	2012	813	2	121	65	624	17
	2013	852	2	131	75	644	17
Zambia	2010	268	2	60	10	195	19
	2011	278	2	64	11	201	19
	2012	294	3	70	13	208	20
	2013	315	3	80	14	219	21
Zimbabwe	2010	*355	1	44	17	*294	*25
	2011	*386	1	49	30	*306	*27
	2012	*405	1	54	35	*315	*28
	2013	440	1	56	38	345	30
America, North	2010	78,546	7,375	14,565	30,644	25,961	144
	2011	78,337	7,341	14,737	30,441	25,818	142
	2012	76,433	6,126	14,361	30,885	25,060	137
	2013	79,026	6,555	15,042	31,355	26,073	140
Anguilla	2010	*2	..	..	*1	*1	*114
	2011	*1	..	..	*1	*1	*104
	2012	*1	..	..	*1	*1	*103
	2013	*1	..	..	*1	*1	*99
Antigua and Barbuda	2010	*5	0	0	*3	*1	*52
	2011	*4	0	0	*3	*1	*51
	2012	*5	0	0	*3	*1	*52
	2013	*5	0	0	*3	*1	*52
Aruba	2010	*6	0	..	*3	*3	*62
	2011	*6	0	..	*3	*3	*62
	2012	*6	0	..	*3	*3	*62
	2013	*6	0	..	*3	*3	*62
Bahamas	2010	*18	1	4	*10	4	*51
	2011	*18	0	5	*9	4	*50
	2012	*18	*1	4	*9	3	*47
	2013	*20	0	4	*12	4	*54
Barbados	2010	13	..	2	6	5	47
	2011	12	..	2	6	5	44
	2012	12	..	2	6	5	44
	2013	12	..	1	6	4	41

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	2010	10	0	3	5	3	32
	2011	12	0	*3	6	3	36
	2012	*11	0	*4	*4	*3	*34
	2013	*12	0	*4	*5	*3	*34
Bermuda	2010	*5	0	0	*2	2	*75
	2011	5	0	0	*2	2	72
	2012	*6	0	0	*4	2	*97
	2013	4	0	0	*2	2	64
Bonaire, St Eustatius, Saba	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	*4	*1	*1	*2	*1	*180
	2013	*4	*1	*1	*2	*1	*179
British Virgin Islands	2010	*1	..	0	*1	*1	*52
	2011	*1	..	0	*1	*1	*52
	2012	*1	..	0	*1	*1	*51
	2013	*1	..	0	*1	*1	*50
Canada	2010	7,996	975	1,830	2,479	2,713	234
	2011	8,274	999	1,893	2,493	2,889	240
	2012	8,293	1,077	1,879	2,530	2,808	238
	2013	8,353	986	2,002	2,591	2,773	237
Cayman Islands	2010	5	0	1	2	1	83
	2011	5	0	1	3	1	87
	2012	5	0	1	2	1	80
	2013	5	0	1	2	1	80
Costa Rica	2010	153	1	37	70	44	34
	2011	152	2	35	72	44	33
	2012	152	2	36	74	40	33
	2013	147	2	37	67	40	31
Cuba	2010	322	5	188	31	97	28
	2011	303	5	167	30	101	27
	2012	*330	5	*176	*54	94	*29
	2013	*360	*5	*203	*56	*95	*32
Curaçao	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	28	4	6	14	3	184
	2013	28	4	6	14	3	184
Dominica	2010	*2	..	0	*1	0	*22
	2011	*2	..	0	*1	0	*22
	2012	*2	..	0	*1	0	*22
	2013	*2	..	0	*1	0	*22
Dominican Republic	2010	227	12	54	86	74	23
	2011	227	11	53	89	73	23
	2012	237	12	54	95	76	23
	2013	243	11	53	98	81	24
El Salvador	2010	108	0	27	42	39	18
	2011	109	1	27	43	38	18
	2012	117	1	31	47	37	19
	2013	105	1	24	44	36	17
Greenland	2010	8	0	1	2	5	141
	2011	8	0	1	2	6	149
	2012	8	0	1	2	6	149
	2013	*8	0	*1	*2	*6	*150

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	2010	3	..	0	1	1	27
	2011	3	..	0	1	1	25
	2012	3	..	0	1	1	25
	2013	3	..	0	1	1	25
Guadeloupe	2010	*18	*1	*1	*8	*8	*39
	2011	*18	*1	*1	*8	*8	*40
	2012	*18	*1	*1	*8	*8	*40
	2013	*18	*1	*1	*8	*8	*40
Guatemala	2010	*314	1	29	79	*205	*21
	2011	*316	2	33	76	*206	*21
	2012	*322	2	33	77	*211	*21
	2013	*342	2	45	84	*212	*22
Haiti	2010	120	0	11	15	95	12
	2011	124	0	11	15	98	12
	2012	122	0	9	13	99	12
	2013	125	0	10	12	102	12
Honduras	2010	*167	..	35	41	*91	*22
	2011	*174	..	36	44	*95	*23
	2012	*189	..	47	46	*96	*24
	2013	*188	..	44	46	*98	*24
Jamaica	2010	73	2	26	30	15	27
	2011	78	1	35	28	15	28
	2012	75	1	33	26	15	27
	2013	81	1	40	26	*14	29
Martinique	2010	*23	0	*2	*11	*11	*59
	2011	*24	0	*2	*12	*11	*62
	2012	*25	0	*2	*12	*11	*62
	2013	*25	0	*2	*12	*11	*63
Mexico	2010	4,739	334	1,157	2,160	1,088	40
	2011	4,844	327	1,228	2,169	1,120	40
	2012	4,881	309	1,267	2,184	1,121	40
	2013	4,934	227	1,458	2,130	1,119	40
Montserrat	2010	1	0	0	1	0	146
	2011	0	0	0	0	0	85
	2012	0	0	0	0	0	89
	2013	1	0	0	0	0	119
Neth. Antilles (former)	2010	42	6	9	21	5	200
	2011	42	6	10	21	5	198
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Nicaragua	2010	87	1	11	23	51	15
	2011	88	1	13	23	51	15
	2012	91	1	12	25	53	15
	2013	92	1	11	23	55	15
Panama	2010	114	..	30	49	35	32
	2011	122	..	36	51	35	33
	2012	130	..	41	52	37	35
	2013	132	..	41	52	39	35
Puerto Rico	2010	75	..	11	..	64	20
	2011	72	..	10	..	62	19
	2012	70	..	10	..	60	19
	2013	71	..	9	..	62	19

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	
Sint Maarten (Dutch part)	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	*10	*1	*2	*5	*1	*280
	2013	*10	*1	*2	*5	*1	*275
St. Kitts-Nevis	2010	*2	..	0	*1	*1	*47
	2011	*3	..	0	*1	*1	*48
	2012	*3	..	0	*1	*1	*49
	2013	*3	..	0	*1	*1	*49
St. Lucia	2010	*4	0	0	*2	2	*21
	2011	*4	0	0	*2	2	*21
	2012	*4	0	0	*2	2	*21
	2013	*4	0	0	*2	2	*21
St. Pierre-Miquelon	2010	*1	..	..	0	0	*106
	2011	*1	..	..	0	0	*108
	2012	*1	..	..	0	0	*106
	2013	*1	..	..	0	0	*108
St. Vincent-Grenadines	2010	*3	0	0	*2	*1	*23
	2011	*2	0	0	*2	*1	*22
	2012	*3	0	0	*2	*1	*25
	2013	*2	0	0	*1	*1	*22
Trinidad and Tobago	2010	585	433	90	44	19	441
	2011	564	423	78	44	18	422
	2012	560	406	94	43	18	418
	2013	564	404	94	45	22	418
Turks and Caicos Islands	2010	*1	..	..	0	*1	*34
	2011	*1	..	..	0	*1	*33
	2012	*1	..	..	0	*1	*34
	2013	*1	..	..	0	*1	*33
United States	2010	63,292	5,601	11,004	25,411	21,277	204
	2011	62,712	5,560	11,058	25,177	20,917	201
	2012	60,685	4,300	10,613	25,534	20,237	193
	2013	63,112	4,906	10,945	25,994	21,267	199
United States Virgin Is.	2010	3	..	1	..	2	27
	2011	3	..	1	..	2	27
	2012	3	..	1	..	1	25
	2013	2	..	1	..	1	23
America, South	2010	17,360	1,142	6,325	5,687	4,206	44
	2011	17,763	1,090	6,462	5,988	4,224	44
	2012	18,355	1,095	6,444	6,449	4,366	45
	2013	18,379	1,024	6,391	6,472	4,492	45
Argentina	2010	2,383	190	687	663	842	58
	2011	2,451	189	697	756	810	59
	2012	2,508	202	680	756	870	60
	2013	2,436	206	686	648	896	57
Bolivia (Plur. State of)	2010	203	2	43	79	81	21
	2011	217	2	45	86	84	22
	2012	245	2	50	92	101	24
	2013	254	2	57	102	93	24
Brazil	2010	9,156	691	3,475	3,098	1,893	46
	2011	9,525	674	3,652	3,303	1,895	47
	2012	9,793	664	3,649	3,524	1,956	48
	2013	9,966	648	3,623	3,715	1,979	49

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	
Chile	2010	993	43	362	297	292	58
	2011	1,045	30	398	302	316	61
	2012	1,042	31	379	310	322	60
	2013	1,112	26	417	338	330	63
Colombia	2010	894	25	231	318	320	19
	2011	949	*24	246	350	329	20
	2012	1,013	*20	238	422	332	22
	2013	1,054	15	266	402	372	22
Ecuador	2010	440	27	82	207	124	29
	2011	450	20	92	214	125	30
	2012	480	22	98	231	130	31
	2013	511	21	105	249	136	33
Falkland Is. (Malvinas)	2010	*1	..	0	0	0	*236
	2011	*1	..	0	0	0	*230
	2012	*1	..	0	0	0	*234
	2013	*1	..	0	0	0	*233
French Guiana	2010	*10	0	*1	*4	*5	*43
	2011	*10	0	*1	*4	*5	*43
	2012	*11	0	*1	*4	*5	*44
	2013	*11	0	*1	*4	*5	*42
Guyana	2010	24	0	8	7	8	31
	2011	26	0	9	8	9	34
	2012	28	0	8	9	10	36
	2013	26	0	7	9	9	34
Paraguay	2010	208	1	68	67	72	34
	2011	211	1	67	71	72	34
	2012	211	1	69	68	72	33
	2013	203	1	65	67	69	31
Peru	2010	629	14	160	242	*212	21
	2011	666	11	176	257	222	22
	2012	671	30	180	262	199	22
	2013	735	16	197	281	241	24
Suriname	2010	26	1	5	11	10	50
	2011	25	1	5	10	9	47
	2012	28	1	5	12	11	54
	2013	26	1	5	11	10	50
Uruguay	2010	154	3	52	43	56	46
	2011	160	2	54	46	57	47
	2012	162	3	55	47	58	48
	2013	169	4	57	50	58	50
Venezuela (Bolivar. Rep.)	2010	2,239	*146	1,151	650	292	77
	2011	2,027	*136	1,020	581	291	69
	2012	2,163	*120	1,030	712	300	72
	2013	1,876	*82	905	596	293	62
Asia	2010	155,246	15,510	64,715	24,320	50,701	37
	2011	161,855	15,783	68,241	25,821	52,011	38
	2012	166,654	16,815	68,652	27,448	53,739	39
	2013	174,421	17,658	72,919	30,217	53,627	41
Afghanistan	2010	132	0	*29	82	*21	5
	2011	177	0	*49	108	*20	6
	2012	302	0	*43	235	*23	10
	2013	*311	0	*46	*243	*22	*10

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	
Armenia	2010	*92	*2	*13	*21	*56	*31
	2011	*103	*2	*15	*22	*64	*35
	2012	*109	*2	*17	*23	*68	*37
	2013	*107	*2	*16	*22	*67	*36
Azerbaijan	2010	290	23	31	73	164	32
	2011	318	26	37	85	170	34
	2012	327	27	49	93	158	35
	2013	345	32	49	105	158	36
Bahrain	2010	215	75	55	44	41	171
	2011	216	75	60	41	40	166
	2012	223	83	53	45	42	167
	2013	246	76	80	46	44	182
Bangladesh	2010	1,159	68	219	109	763	8
	2011	1,203	66	227	125	785	8
	2012	1,228	63	244	126	795	8
	2013	1,237	64	257	121	795	8
Bhutan	2010	*57	0	6	4	*47	*79
	2011	*58	0	6	5	*47	*79
	2012	*60	0	7	5	*48	*80
	2013	*61	0	7	6	*48	*81
Brunei Darussalam	2010	55	20	7	16	12	140
	2011	72	35	7	18	12	181
	2012	79	40	8	19	13	195
	2013	46	8	6	18	13	111
Cambodia	2010	192	1	31	44	116	13
	2011	201	1	32	46	122	14
	2012	211	1	35	49	127	14
	2013	219	1	38	50	131	15
China	2010	62,999	5,650	35,341	6,939	15,069	47
	2011	67,419	5,830	37,777	7,769	16,043	50
	2012	69,606	6,301	37,726	8,572	17,008	51
	2013	74,832	6,811	40,360	9,196	18,465	55
China, Hong Kong SAR	2010	307	*1	*38	*84	184	44
	2011	303	*1	36	81	185	43
	2012	306	*1	35	81	189	43
	2013	308	*2	*37	*82	186	43
China, Macao SAR	2010	20	0	2	4	14	38
	2011	22	0	2	4	15	40
	2012	24	0	2	5	17	42
	2013	25	0	2	5	18	44
Cyprus	2010	72	4	10	32	27	66
	2011	70	3	9	31	27	63
	2012	64	2	7	29	26	57
	2013	58	1	8	26	23	51
Georgia	2010	112	6	18	34	54	26
	2011	127	13	27	34	54	30
	2012	132	10	27	36	60	32
	2013	148	12	27	36	73	36
India	2010	*20,623	1,127	7,431	982	*11,083	*17
	2011	*21,325	1,193	8,090	1,006	*11,036	*17
	2012	*21,874	1,356	8,202	1,016	*11,301	*17
	2013	24,045	1,524	9,630	3,101	*9,790	19

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	
Indonesia	2010	6,690	414	2,471	1,234	*2,572	28
	2011	*7,411	349	*2,719	1,614	*2,730	*30
	2012	*7,626	331	*2,700	1,807	*2,786	*31
	2013	7,077	244	2,510	1,718	*2,606	28
Iran (Islamic Rep. of)	2010	7,459	899	*1,639	2,038	2,884	100
	2011	7,679	1,016	*1,694	2,059	2,910	102
	2012	7,669	978	*1,749	2,151	2,792	101
	2013	7,533	1,100	*1,728	1,829	2,875	98
Iraq	2010	923	51	147	437	287	30
	2011	931	26	158	457	290	29
	2012	1,007	32	169	494	313	31
	2013	1,064	40	178	490	356	31
Israel	2010	619	59	86	168	306	83
	2011	588	65	56	176	291	78
	2012	615	64	64	182	305	80
	2013	612	60	69	186	297	78
Japan	2010	13,528	1,681	3,688	3,218	4,942	106
	2011	13,165	1,581	3,508	3,162	4,915	103
	2012	13,049	1,610	3,412	3,101	4,926	103
	2013	13,095	1,621	3,463	3,064	4,948	103
Jordan	2010	203	7	42	84	70	31
	2011	206	5	40	85	75	30
	2012	217	*5	29	107	77	31
	2013	219	5	37	109	68	30
Kazakhstan	2010	1,850	15	1,099	200	536	113
	2011	1,797	16	999	208	574	109
	2012	1,768	35	964	222	547	105
	2013	1,804	34	1,023	208	538	105
Korea, Dem.Ppl's.Rep.	2010	694	..	463	18	213	28
	2011	515	..	328	18	169	21
	2012	526	..	337	18	171	21
	2013	534	..	342	18	173	21
Korea, Republic of	2010	6,640	1,641	1,883	1,254	1,861	135
	2011	6,805	1,716	1,997	1,235	1,857	138
	2012	7,022	1,859	1,992	1,269	1,902	142
	2013	7,080	1,878	2,002	1,315	1,884	142
Kuwait	2010	586	131	138	175	142	191
	2011	602	131	165	163	143	186
	2012	673	160	186	175	152	197
	2013	642	118	192	180	152	179
Kyrgyzstan	2010	98	3	14	28	52	18
	2011	117	3	15	39	59	21
	2012	148	3	25	56	63	26
	2013	144	3	15	56	70	25
Lao People's Dem. Rep.	2010	*69	0	*5	*3	*61	*11
	2011	*70	0	*6	*3	*62	*11
	2012	*76	0	*10	*3	*63	*12
	2013	*78	0	*12	*3	*63	*12
Lebanon	2010	161	4	22	72	62	37
	2011	158	2	27	72	57	34
	2012	181	3	25	76	77	37
	2013	177	2	27	72	76	33

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	
Malaysia	2010	*1,827	*277	*547	*640	*363	*65
	2011	1,892	402	490	644	357	66
	2012	1,996	421	565	645	365	69
	2013	2,109	349	547	834	379	72
Maldives	2010	*11	0	0	*9	*2	*33
	2011	*12	0	0	*10	*2	*34
	2012	*13	0	0	*11	*2	*38
	2013	*13	0	0	*10	*2	*36
Mongolia	2010	*237	0	*138	15	85	*88
	2011	273	0	168	16	89	99
	2012	*327	0	*214	19	94	*116
	2013	*419	0	*295	18	*106	*147
Myanmar	2010	*605	5	83	59	*457	*12
	2011	*600	9	79	56	*455	*12
	2012	*606	11	80	42	*474	*12
	2013	*628	14	80	45	*489	*12
Nepal	2010	438	..	34	*32	372	16
	2011	388	..	34	*32	322	14
	2012	389	..	29	*36	324	14
	2013	440	..	34	*39	367	16
Oman	2010	607	79	333	118	77	206
	2011	722	99	402	137	83	225
	2012	733	98	389	156	90	207
	2013	757	89	397	172	99	194
Other Asia	2010	2,838	892	955	503	488	122
	2011	2,738	754	984	510	491	118
	2012	2,732	794	956	499	483	117
	2013	2,831	866	981	499	485	121
Pakistan	2010	2,276	147	724	490	916	13
	2011	2,340	138	749	512	941	13
	2012	*2,327	*121	*714	*520	*972	*13
	2013	2,326	117	696	544	970	13
Philippines	2010	988	10	248	350	381	11
	2011	984	10	249	348	377	10
	2012	1,091	12	243	366	470	11
	2013	1,158	19	264	385	490	12
Qatar	2010	550	146	195	144	65	312
	2011	545	156	178	139	72	286
	2012	659	180	253	146	79	327
	2013	667	181	247	161	78	317
Saudi Arabia	2010	5,006	1,020	1,833	1,463	690	178
	2011	5,120	1,028	1,846	1,531	715	178
	2012	5,529	1,145	1,929	1,672	783	187
	2013	5,525	1,056	1,932	1,728	809	183
Singapore	2010	654	230	227	104	93	129
	2011	637	215	224	105	93	123
	2012	669	248	221	105	95	126
	2013	812	363	240	112	97	150
Sri Lanka	2010	327	3	73	100	151	16
	2011	330	6	76	98	151	16
	2012	328	4	79	99	146	16
	2013	333	*6	79	105	*142	16

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	
State of Palestine	2010	44	1	3	15	25	11
	2011	42	1	*2	13	26	10
	2012	49	0	*5	15	29	11
	2013	51	1	3	19	28	12
Syrian Arab Republic	2010	566	65	141	170	190	27
	2011	521	53	129	164	174	25
	2012	396	36	98	128	134	20
	2013	358	33	89	120	117	19
Tajikistan	2010	84	0	31	*4	48	11
	2011	80	0	28	*5	47	10
	2012	89	0	28	*5	56	11
	2013	96	0	25	*5	65	12
Thailand	2010	3,041	279	983	908	871	46
	2011	*3,073	*312	*998	*924	*840	*46
	2012	*3,242	*294	*1,050	*985	*913	*48
	2013	3,512	464	1,187	957	905	52
Timor-Leste	2010	*3	..	..	*1	*2	*3
	2011	*3	..	..	*1	*2	*3
	2012	*4	..	..	*1	*3	*4
	2013	*5	..	..	*1	*4	*4
Turkey	2010	3,193	298	908	620	1,367	44
	2011	3,346	259	1,013	630	1,444	46
	2012	3,550	299	1,018	731	1,502	47
	2013	3,566	298	994	812	1,461	47
Turkmenistan	2010	615	..	76	88	451	122
	2011	684	..	84	117	483	134
	2012	712	..	97	114	501	138
	2013	741	..	94	139	508	141
United Arab Emirates	2010	*1,974	*78	*1,170	*432	*294	*237
	2011	*2,125	*80	*1,247	485	*313	*243
	2012	*2,314	*78	*1,429	477	331	*259
	2013	*2,418	*93	*1,441	537	347	*267
Uzbekistan	2010	1,301	70	283	129	818	47
	2011	1,445	78	317	130	920	51
	2012	1,491	80	331	129	952	52
	2013	1,270	66	281	113	810	44
Viet Nam	2010	1,991	25	762	429	775	23
	2011	2,106	25	828	456	797	24
	2012	2,118	27	780	480	831	23
	2013	2,093	6	804	440	842	23
Yemen	2010	223	4	39	100	80	9
	2011	192	1	34	94	63	8
	2012	168	1	29	77	61	7
	2013	247	1	44	116	86	10
Europe	2010	75,968	7,872	18,347	19,041	30,708	103
	2011	74,204	7,843	18,394	19,011	28,955	101
	2012	74,038	7,743	18,598	18,329	29,368	100
	2013	72,643	7,591	17,686	18,210	29,156	98
Albania	2010	85	4	14	32	34	29
	2011	84	2	16	33	33	29
	2012	81	1	16	31	32	28
	2013	92	6	15	35	37	32

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	
Andorra	2010	*9	0	0	*5	*4	*108
	2011	*9	0	0	*5	*4	*105
	2012	*9	0	0	*5	*4	*109
	2013	*9	0	0	*5	*4	*114
Austria	2010	1,190	75	329	347	439	142
	2011	1,146	69	336	337	404	136
	2012	1,157	75	334	336	412	137
	2013	1,177	77	336	354	410	139
Belarus	2010	833	116	204	162	350	88
	2011	884	169	206	167	342	93
	2012	962	228	200	172	362	101
	2013	830	94	192	184	361	87
Belgium	2010	1,837	361	446	390	639	168
	2011	1,741	334	455	388	565	158
	2012	1,687	363	391	362	572	152
	2013	1,762	396	396	359	612	158
Bosnia and Herzegovina	2010	134	7	25	48	55	35
	2011	139	8	28	48	55	36
	2012	133	7	28	44	54	35
	2013	123	3	31	40	50	32
Bulgaria	2010	382	18	107	115	143	52
	2011	402	22	112	117	151	55
	2012	400	20	108	124	149	55
	2013	380	20	108	111	142	52
Croatia	2010	290	26	57	85	122	67
	2011	284	26	54	83	120	66
	2012	268	23	48	81	116	63
	2013	264	24	47	82	111	62
Czech Republic	2010	1,109	114	298	253	444	106
	2011	1,072	107	298	254	412	102
	2012	1,062	111	286	247	418	101
	2013	1,066	107	284	244	431	101
Denmark	2010	631	11	101	183	336	114
	2011	597	12	101	179	305	107
	2012	571	11	97	160	303	102
	2013	567	12	94	158	304	101
Estonia	2010	124	4	24	32	65	93
	2011	120	3	25	32	61	90
	2012	122	4	24	32	63	92
	2013	126	7	28	31	60	96
Faeroe Islands	2010	8	0	1	3	4	162
	2011	7	0	1	3	4	148
	2012	8	0	1	3	4	157
	2013	8	0	1	3	4	159
Finland	2010	1,011	52	360	184	416	188
	2011	950	48	347	185	371	176
	2012	955	43	335	180	396	176
	2013	927	47	330	180	370	170
France	2010	6,881	604	1,116	1,874	3,287	109
	2011	6,398	605	1,104	1,866	2,823	101
	2012	6,587	605	1,103	1,865	3,014	104
	2013	6,705	572	1,177	1,856	3,099	105

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	
Germany	2010	9,666	954	2,321	2,275	4,116	120
	2011	9,235	946	2,349	2,301	3,640	115
	2012	9,286	922	2,305	2,277	3,782	115
	2013	9,486	918	2,302	2,321	3,944	118
Gibraltar	2010	6	1	..	5	1	203
	2011	6	1	..	5	1	194
	2012	6	1	..	5	1	198
	2013	7	1	..	5	1	208
Greece	2010	819	47	146	317	310	73
	2011	801	37	139	284	341	72
	2012	720	30	127	238	325	65
	2013	643	27	120	238	258	58
Guernsey	2010	1	..	0	..	1	21
	2011	1	..	0	..	1	22
	2012	*1	..	0	..	*1	*21
	2013	*1	..	0	..	*1	*21
Hungary	2010	762	86	109	176	391	76
	2011	746	86	109	171	380	75
	2012	687	81	98	162	346	69
	2013	696	77	142	151	326	70
Iceland	2010	106	1	54	12	39	334
	2011	106	1	55	12	39	331
	2012	109	0	57	11	41	338
	2013	114	0	59	12	43	350
Ireland	2010	480	15	90	167	208	104
	2011	436	14	93	152	177	94
	2012	428	12	92	148	176	92
	2013	430	13	91	150	176	92
Isle of Man	2010	2	..	0	..	2	26
	2011	2	..	0	..	2	24
	2012	2	..	0	..	2	28
	2013	2	..	0	..	2	27
Italy	2010	5,482	405	1,267	1,639	2,171	92
	2011	5,345	388	1,214	1,639	2,103	90
	2012	5,298	332	1,187	1,545	2,234	89
	2013	5,104	267	1,097	1,517	2,222	85
Jersey	2010	7	..	2	2	3	69
	2011	6	..	2	2	3	66
	2012	*7	..	*2	*2	*3	*67
	2013	*7	..	*2	*2	*3	*68
Latvia	2010	177	3	32	46	96	85
	2011	162	4	31	41	85	78
	2012	168	4	35	39	90	83
	2013	161	4	32	40	85	80
Liechtenstein	2010	*3	..	..	..	*3	*81
	2011	*3	..	..	..	*3	*78
	2012	*3	..	..	..	*3	*79
	2013	3	..	..	..	3	80
Lithuania	2010	227	30	38	63	97	73
	2011	246	51	39	62	93	80
	2012	251	52	42	63	94	83
	2013	237	42	41	63	91	80

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	
Luxembourg	2010	167	1	31	93	41	328
	2011	166	1	28	98	39	320
	2012	163	2	24	94	43	306
	2013	161	2	23	92	44	295
Malta	2010	17	0	2	8	7	41
	2011	17	0	2	7	8	41
	2012	18	0	2	7	8	42
	2013	17	0	2	7	8	41
Montenegro	2010	35	..	9	10	16	56
	2011	32	..	14	6	12	51
	2012	31	..	9	9	12	49
	2013	28	..	8	8	12	44
Netherlands	2010	2,724	650	551	491	1,032	164
	2011	2,516	586	540	497	893	151
	2012	2,570	618	526	485	941	153
	2013	2,596	644	516	472	964	154
Norway	2010	899	96	254	206	342	184
	2011	860	96	252	199	313	174
	2012	862	95	242	196	330	172
	2013	860	98	242	203	317	169
Poland	2010	2,914	214	574	723	1,404	76
	2011	2,863	217	597	732	1,318	74
	2012	2,831	211	585	702	1,332	73
	2013	2,799	214	609	664	1,313	72
Portugal	2010	810	73	229	273	235	77
	2011	778	74	224	254	225	74
	2012	712	56	203	234	220	68
	2013	696	58	194	230	214	67
Republic of Moldova	2010	81	1	9	25	46	20
	2011	84	1	9	26	47	20
	2012	82	2	10	23	47	20
	2013	85	2	10	24	48	21
Romania	2010	980	65	269	202	444	48
	2011	998	75	282	209	432	50
	2012	1,011	75	266	227	444	51
	2013	955	63	247	218	426	48
Russian Federation	2010	18,773	2,787	5,311	4,062	6,613	131
	2011	19,289	2,814	5,387	4,145	6,944	135
	2012	19,362	2,814	6,009	3,944	6,595	135
	2013	18,284	2,924	5,201	3,940	6,219	128
Serbia	2010	391	34	98	91	168	43
	2011	400	35	109	84	173	44
	2012	355	14	98	74	169	40
	2013	359	23	98	81	157	40
Slovakia	2010	485	45	137	110	192	90
	2011	465	53	138	110	163	86
	2012	433	41	139	99	154	80
	2013	459	45	136	99	178	85
Slovenia	2010	217	9	53	76	80	106
	2011	212	5	51	80	75	103
	2012	210	5	50	81	74	102
	2013	206	5	50	78	73	100

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	
Spain	2010	3,903	298	884	1,446	1,276	84
	2011	3,831	286	897	1,374	1,273	82
	2012	3,653	253	874	1,266	1,261	78
	2013	3,525	212	876	1,199	1,238	76
Sweden	2010	1,472	89	491	336	556	157
	2011	1,395	81	480	333	501	147
	2012	1,392	76	471	326	518	146
	2013	1,367	87	463	323	494	142
Switzerland	2010	870	23	160	255	432	111
	2011	805	24	154	252	375	101
	2012	833	22	155	254	402	103
	2013	854	22	158	253	421	105
T.F.Yug. Rep. Macedonia	2010	73	1	20	19	32	35
	2011	77	3	23	20	31	37
	2012	74	2	21	19	31	36
	2013	72	2	21	20	28	35
Ukraine	2010	3,116	235	1,065	490	1,325	68
	2011	3,195	253	1,104	531	1,308	70
	2012	3,076	256	1,042	483	1,296	68
	2013	2,959	207	927	498	1,328	66
United Kingdom	2010	5,780	315	1,056	1,714	2,694	92
	2011	5,291	306	986	1,690	2,308	84
	2012	5,401	272	959	1,674	2,496	85
	2013	5,434	269	979	1,663	2,524	85
Oceania	2010	4,025	243	1,250	1,487	1,044	111
	2011	4,117	253	1,285	1,527	1,051	111
	2012	4,081	244	1,221	1,553	1,063	109
	2013	4,145	250	1,283	1,559	1,053	109
American Samoa	2010	1	..	0	..	0	9
	2011	0	..	0	..	0	9
	2012	0	..	0	..	0	9
	2013	0	..	0	..	0	9
Australia	2010	3,284	198	1,023	1,241	821	148
	2011	3,379	211	1,059	1,280	830	150
	2012	3,336	198	998	1,305	835	146
	2013	3,370	196	1,043	1,305	826	145
Cook Islands	2010	*1	..	..	*1	0	*36
	2011	*1	..	..	*1	0	*36
	2012	*1	..	..	*1	0	*35
	2013	*1	..	..	*1	0	*35
Fiji	2010	*26	0	*6	*18	*2	*30
	2011	*27	0	*7	*18	*2	*31
	2012	*26	0	*6	*18	*2	*29
	2013	*29	0	*8	*19	*2	*33
French Polynesia	2010	*8	0	..	*5	*3	*31
	2011	*8	0	..	*5	*3	*30
	2012	*8	0	..	*5	*3	*29
	2013	*8	0	..	*5	*3	*28
Guam	2010	6	..	..	..	6	37
	2011	6	..	..	..	6	36
	2012	6	..	..	..	6	35
	2013	6	..	..	..	6	34

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	
Kiribati	2010	*1	..	..	0	0	*7
	2011	*1	..	..	0	0	*6
	2012	*1	..	..	0	0	*6
	2013	*1	..	..	0	0	*6
Marshall Islands	2010	0	..	..	..	0	*8
	2011	0	..	..	..	0	*8
	2012	0	..	..	..	0	*8
	2013	0	..	..	..	0	*8
Micronesia(Fed. States of)	2010	*1	..	0	*1	0	*12
	2011	*1	..	0	*1	0	*13
	2012	*1	..	0	*1	0	*14
	2013	*2	..	0	*1	0	*16
Nauru	2010	0	..	..	0	0	*39
	2011	0	..	..	0	0	*35
	2012	0	..	..	0	0	*35
	2013	0	..	..	0	0	*39
New Caledonia	2010	*31	*4	*16	*8	*3	*127
	2011	*33	*4	*17	*8	*3	*131
	2012	*33	*4	*17	*8	*3	*130
	2013	35	4	19	9	3	137
New Zealand	2010	540	40	170	191	139	124
	2011	534	37	167	192	138	121
	2012	543	42	168	190	144	122
	2013	555	49	173	192	141	124
Niue	2010	0	..	..	0	0	*50
	2011	0	..	..	0	0	*50
	2012	0	..	..	0	0	*50
	2013	0	..	..	0	0	*50
Northern Mariana Islands	2010	*1	..	..	..	*1	*21
	2011	*1	..	..	..	*1	*21
	2012	*1	..	..	..	*1	*21
	2013	*1	..	..	..	*1	*21
Palau	2010	*2	0	0	*1	0	*87
	2011	*2	0	0	*1	0	*89
	2012	*2	0	0	*1	0	*88
	2013	*2	0	0	*1	0	*87
Papua New Guinea	2010	*110	..	*34	*15	*60	*16
	2011	*111	..	*35	*16	*60	*16
	2012	*109	..	31	19	*60	*15
	2013	*121	..	40	20	*61	*17
Samoa	2010	*3	0	0	*2	*1	*17
	2011	4	0	0	2	*1	19
	2012	*4	0	0	*2	*1	*20
	2013	*3	0	0	*2	*1	*18
Solomon Islands	2010	*5	0	0	*1	*4	*9
	2011	*5	0	0	*1	*4	*9
	2012	*5	0	0	*1	*4	*9
	2013	*5	0	0	*1	*4	*9
Tonga	2010	1	0	..	1	0	13
	2011	1	0	..	1	0	12
	2012	*2	0	..	*1	*1	*21
	2013	*3	0	..	*1	*2	*25

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	
Tuvalu	2010	0	..	..	..	0	*2
	2011	0	..	..	..	0	*2
	2012	0	..	..	..	0	*2
	2013	0	..	..	..	0	*2
Vanuatu	2010	*2	0	..	*1	*1	*10
	2011	*2	0	..	*1	*1	*10
	2012	*2	0	..	*1	*1	*9
	2013	*2	0	..	*1	*1	*8
Wallis and Futuna Is.	2010	0	..	..	0	0	*13
	2011	0	..	..	0	0	14
	2012	0	..	..	0	0	*13
	2013	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.

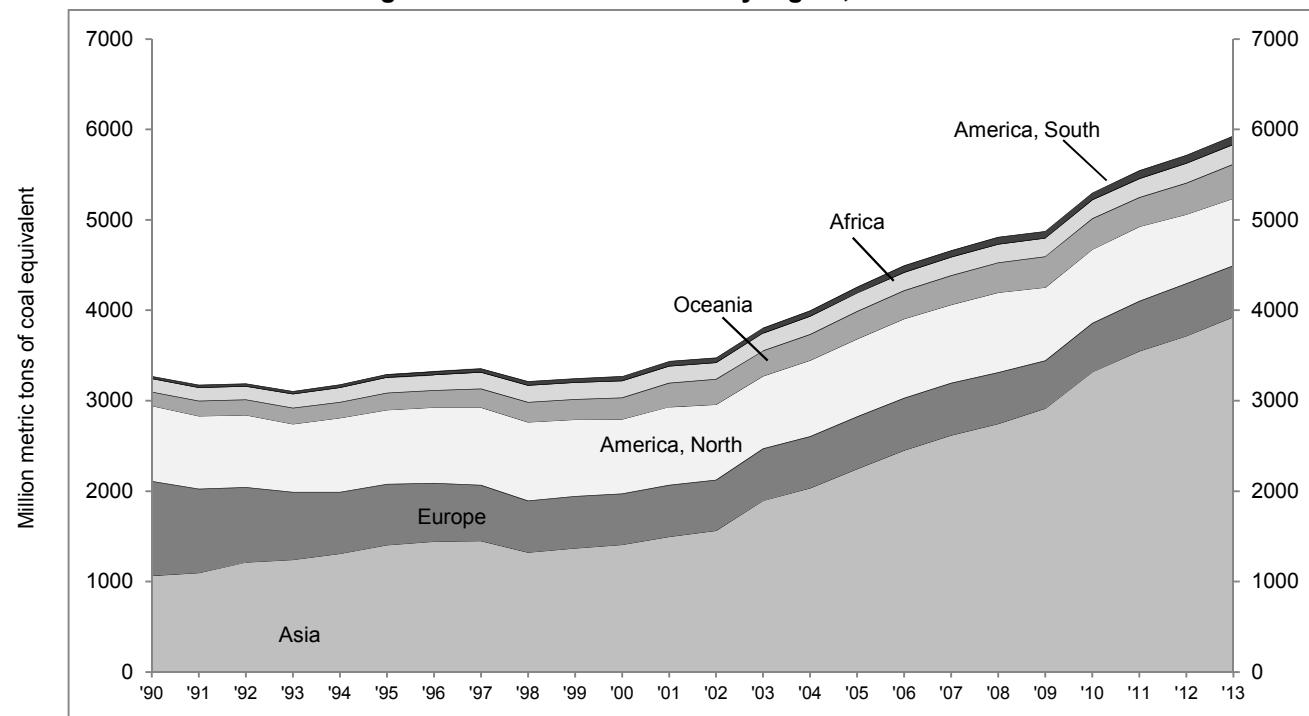
Figure 11: Production of coal by region, 1990-2013

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	2010	5,298,281	921,784	998,811	-7,904	5,229,158	755
	2011	5,543,092	977,212	1,000,235	34,893	5,485,175	782
	2012	5,714,650	1,071,925	1,068,616	17,109	5,700,850	803
	2013	5,928,504	1,199,426	1,233,029	32,745	5,862,156	816
Africa	2010	209,374	12,500	54,947	220	166,706	160
	2011	208,640	11,889	56,212	347	163,971	153
	2012	217,920	12,879	64,622	2,393	163,784	149
	2013	218,132	9,392	64,453	2,809	160,262	142
Algeria	2010	..	482	..	-8	490	14
	2011	..	421	..	-1	422	12
	2012	..	405	..	-13	418	11
	2013	..	260	..	-33	293	8
Botswana	2010	795	..	0	0	795	388
	2011	634	..	0	0	634	304
	2012	1,171	..	2	607	562	263
	2013	1,205	..	2	337	866	398
Burundi	2010	7	..	..	..	7	1
	2011	4	..	..	..	4	0
	2012	10	..	..	..	10	1
	2013	10	..	..	..	10	1
Egypt	2010	33	1,965	444	0	1,554	19
	2011	8	*886	*269	-16	*640	*8
	2012	18	*895	*247	-13	*679	*8
	2013	3	365	199	10	159	2
Ethiopia	2010	32	22	..	10	44	1
	2011	18	124	..	-7	150	2
	2012	0	197	..	0	197	2
	2013	0	256	..	0	256	3
Kenya	2010	..	208	..	..	208	5
	2011	..	337	..	..	337	8
	2012	..	302	..	..	302	7
	2013	..	334	..	..	334	8
Lesotho	2010	..	512	..	..	512	255
	2011	..	*520	..	..	*520	*256
	2012	..	*519	..	..	*519	*252
	2013	..	*534	..	..	*534	*256
Madagascar	2010	..	35	..	..	35	2
	2011	..	134	..	..	134	6
	2012	..	232	..	..	232	10
	2013	..	375	..	..	375	16
Malawi	2010	*48	5	*7	..	*46	*3
	2011	*48	15	*7	..	*56	*4
	2012	*48	13	*7	..	*54	*3
	2013	59	*13	*7	..	65	4
Mauritius	2010	..	585	..	-6	592	474
	2011	..	585	..	17	568	453
	2012	..	646	..	48	598	475
	2013	..	627	..	-3	630	498
Morocco	2010	..	5,205	..	194	5,011	154
	2011	..	5,022	..	-322	5,343	162
	2012	..	5,667	..	155	5,512	164
	2013	..	4,253	..	-34	4,287	126

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
Mozambique	2010	33	..	25	0	9	0
	2011	552	..	145	360	46	2
	2012	4,158	..	2,714	1,429	15	1
	2013	5,502	..	3,549	1,939	14	1
Namibia	2010	..	105	..	..	105	48
	2011	..	26	..	..	26	12
	2012	..	104	..	..	104	45
	2013	..	40	..	..	40	17
Niger	2010	130	..	..	6	124	8
	2011	144	..	..	5	140	8
	2012	137	..	..	-8	145	8
	2013	132	..	..	4	128	7
Nigeria	2010	33	..	..	..	33	0
	2011	28	..	..	..	28	0
	2012	42	..	..	..	42	0
	2013	39	..	..	..	39	0
Réunion	2010	..	608	..	-4	612	736
	2011	..	660	..	59	602	719
	2012	..	604	..	-21	625	741
	2013	..	*613	..	*-21	*634	*747
Senegal	2010	..	254	..	..	254	20
	2011	..	355	..	..	355	27
	2012	..	309	..	..	309	22
	2013	..	309	..	..	309	22
South Africa	2010	205,397	2,230	54,254	35	153,339	2,970
	2011	203,921	2,528	55,513	252	150,684	2,885
	2012	208,589	2,740	61,315	208	149,805	2,835
	2013	207,194	968	60,283	609	147,270	2,757
Swaziland	2010	*106	*62	*51	*-6	*122	*103
	2011	*123	*96	*95	0	*124	*102
	2012	*220	*85	*133	0	*173	*140
	2013	*199	*129	*199	0	*129	*103
Tunisia	2010	..	18	..	..	18	2
	2011	..	15	..	..	15	1
	2012	..	0	..	..	0	0
	2013	..	0	..	..	0	0
Uganda	2010	..	0	..	..	0	0
	2011	..	0	..	..	0	0
	2012	..	0	..	..	0	0
	2013	..	151	..	..	151	4
United Rep. of Tanzania	2010	0	..	..	..	0	0
	2011	71	..	..	..	71	2
	2012	70	..	..	..	70	1
	2013	75	..	..	..	75	1
Zambia	2010	0	160	13	..	147	11
	2011	0	115	12	..	103	7
	2012	43	107	15	..	135	9
	2013	148	*107	*17	..	238	16
Zimbabwe	2010	2,760	43	153	..	2,650	190
	2011	3,089	49	171	..	2,966	208
	2012	3,415	54	189	..	3,280	225
	2013	3,568	57	198	..	3,427	230

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, North	2010	816,929	34,611	95,856	-9,332	765,016	1,399
	2011	825,313	29,673	116,140	6,373	732,473	1,326
	2012	766,299	25,697	131,628	6,589	653,779	1,172
	2013	742,408	22,920	126,860	-26,968	665,436	1,181
Bahamas	2010	..	*1	..	..	*1	*4
	2011	..	*1	..	..	*1	*4
	2012	..	*1	..	..	*1	*4
	2013	..	*1	..	..	*1	*4
Bermuda	2010	..	0	..	..	0	1
	2011	..	0	..	..	0	1
	2012	..	0	..	..	0	1
	2013	..	0	..	..	0	1
Canada	2010	48,222	10,747	28,155	-968	31,783	931
	2011	48,082	9,440	28,707	-98	28,913	838
	2012	47,914	8,986	29,700	17	27,183	780
	2013	50,057	7,650	33,501	-527	24,733	702
Costa Rica	2010	..	92	..	..	92	20
	2011	..	90	..	..	90	20
	2012	..	93	..	..	93	20
	2013	..	93	..	..	93	20
Cuba	2010	..	27	..	..	27	2
	2011	..	5	..	..	5	0
	2012	..	6	..	..	6	1
	2013	..	*6	..	..	*6	0
Dominican Republic	2010	..	624	..	..	624	63
	2011	..	777	..	..	777	77
	2012	..	769	..	..	769	76
	2013	..	748	..	..	748	73
Guatemala	2010	..	503	..	70	433	29
	2011	..	503	..	69	434	29
	2012	..	508	..	70	438	29
	2013	..	533	..	95	438	28
Honduras	2010	..	163	..	0	163	22
	2011	..	228	..	-19	247	32
	2012	..	249	..	0	249	32
	2013	..	254	..	0	254	32
Jamaica	2010	..	24	..	-3	27	10
	2011	..	63	..	-7	70	25
	2012	..	83	..	18	64	23
	2013	..	84	..	5	79	28
Mexico	2010	9,035	5,983	6	2,095	12,916	109
	2011	11,128	6,521	9	3,261	14,379	119
	2012	10,755	6,251	216	3,272	13,517	111
	2013	10,815	5,876	6	-1,294	17,979	145
Panama	2010	..	103	..	..	103	29
	2011	..	285	..	..	285	77
	2012	..	441	..	..	441	118
	2013	..	454	..	..	454	119
United States	2010	759,672	16,343	67,695	-10,524	718,844	2,320
	2011	766,103	11,760	87,424	3,167	687,271	2,200
	2012	707,630	8,311	101,712	3,212	611,017	1,941
	2013	681,536	7,223	93,354	-25,247	620,652	1,957

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	2010	75,873	26,259	66,712	-797	36,217	91
	2011	85,991	31,079	76,645	48	40,376	101
	2012	88,895	29,505	79,604	-1,020	39,816	98
	2013	94,276	31,365	82,191	732	42,718	104
Argentina	2010	55	1,500	43	10	1,502	36
	2011	76	1,767	58	7	1,778	43
	2012	80	1,631	117	-36	1,631	39
	2013	70	875	71	-9	883	21
Brazil	2010	3,437	18,455	0	-158	22,049	111
	2011	3,494	20,996	45	279	24,166	121
	2012	4,199	18,837	0	-669	23,705	117
	2013	5,454	20,775	0	303	25,926	127
Chile	2010	362	5,441	0	-425	6,229	366
	2011	351	7,792	0	285	7,858	457
	2012	422	8,499	0	72	8,849	509
	2013	2,273	8,826	945	583	9,571	545
Colombia	2010	69,093	0	64,016	0	5,077	111
	2011	79,710	0	74,487	27	5,196	112
	2012	82,727	0	78,378	0	4,349	93
	2013	85,292	0	80,334	11	4,947	104
Falkland Is. (Malvinas)	2010	*4	..	..	..	*4	*1,479
	2011	*4	..	..	..	*4	*1,480
	2012	*4	..	..	..	*4	*1,476
	2013	*4	..	..	..	*4	*1,469
Paraguay	2010	..	0	..	..	0	0
	2011	..	1	..	..	1	0
	2012	..	1	..	..	1	0
	2013	..	0	..	..	0	0
Peru	2010	75	859	91	-224	1,067	36
	2011	167	520	158	-549	1,078	36
	2012	211	533	159	-387	972	32
	2013	195	884	154	-158	1,083	35
Uruguay	2010	..	4	..	..	4	1
	2011	..	2	..	..	2	1
	2012	..	3	..	..	3	1
	2013	..	3	..	..	3	1
Venezuela (Bolivar. Rep.)	2010	2,847	..	2,562	..	285	10
	2011	2,190	..	1,897	..	293	10
	2012	1,251	..	950	..	301	10
	2013	988	..	687	..	300	10
Asia	2010	3,316,466	615,635	345,407	28,075	3,558,619	853
	2011	3,548,010	652,890	327,079	40,734	3,833,087	909
	2012	3,713,653	743,362	347,823	11,654	4,097,537	962
	2013	3,926,410	857,208	455,273	53,562	4,274,784	993
Afghanistan	2010	638	197	46	..	789	28
	2011	1,303	197	46	..	1,454	50
	2012	1,092	197	46	..	1,243	42
	2013	1,186	*197	*50	..	1,333	43
Armenia	2010	0	4	0	..	4	1
	2011	0	3	0	..	3	1
	2012	0	2	0	..	2	1
	2013	0	1	0	..	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	2010	..	8	..	-1	8	1
	2011	..	6	..	-2	8	1
	2012	..	5	..	-1	6	1
	2013	..	5	..	0	5	0
Bangladesh	2010	503	571	..	-84	1,158	8
	2011	476	660	..	67	1,069	7
	2012	596	714	..	20	1,290	8
	2013	610	726	..	-75	1,412	9
Bhutan	2010	77	..	52	..	26	35
	2011	96	..	65	..	31	43
	2012	87	..	41	..	46	62
	2013	68	..	5	..	64	85
Cambodia	2010	..	12	..	..	12	1
	2011	..	13	..	..	13	1
	2012	..	14	..	..	14	1
	2013	..	65	..	..	65	4
China	2010	2,445,849	130,708	16,885	22,508	2,537,164	1,892
	2011	2,633,137	133,644	13,453	39,033	2,714,295	2,013
	2012	2,759,527	173,272	7,476	15,951	2,909,373	2,147
	2013	2,937,388	248,570	10,077	51,996	3,123,884	2,293
China, Hong Kong SAR	2010	..	9,290	0	398	8,892	1,271
	2011	..	11,274	0	697	10,577	1,501
	2012	..	11,122	0	702	10,420	1,467
	2013	..	11,682	0	572	11,109	1,551
Cyprus	2010	..	15	..	-8	23	21
	2011	..	0	..	-11	11	10
	2012	..	0	..	0	0	0
	2013	..	0	..	0	0	0
Georgia	2010	60	7	0	0	67	16
	2011	80	6	0	0	86	20
	2012	145	3	0	0	149	36
	2013	231	223	2	9	442	108
India	2010	356,252	63,399	3,548	4,747	411,356	334
	2011	362,878	94,714	1,908	160	455,523	365
	2012	375,310	133,896	2,869	-7,534	513,870	407
	2013	342,209	155,438	1,416	-4,246	500,476	391
Indonesia	2010	312,498	111	264,570	235	47,804	198
	2011	337,406	*95	243,988	999	92,514	378
	2012	371,299	133	273,978	-140	97,593	393
	2013	435,284	617	380,105	690	55,106	219
Iran (Islamic Rep. of)	2010	1,039	1,201	112	..	2,129	29
	2011	1,111	1,270	297	..	2,084	28
	2012	993	938	320	..	1,612	21
	2013	1,054	897	291	..	1,660	22
Israel	2010	43	10,537	..	0	10,580	1,426
	2011	42	10,652	..	-232	10,925	1,445
	2012	42	11,923	..	-308	12,273	1,595
	2013	..	10,933	..	934	9,999	1,279
Japan	2010	..	165,910	671	-133	165,373	1,299
	2011	..	155,747	1,000	125	154,621	1,215
	2012	..	161,685	1,488	-145	160,343	1,261
	2013	..	174,513	1,209	95	173,210	1,364

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
Jordan	2010	..	0	..	..	0	0
	2011	..	0	..	..	0	0
	2012	..	0	..	..	0	0
	2013	..	454	..	..	454	63
Kazakhstan	2010	69,353	841	19,666	1,221	49,307	3,023
	2011	72,708	771	19,221	300	53,958	3,259
	2012	75,376	921	20,417	1,800	54,080	3,215
	2013	74,913	854	21,181	1,045	53,541	3,131
Korea, Dem.Ppl's.Rep.	2010	26,588	276	4,109	..	22,755	929
	2011	25,602	192	9,991	..	15,804	642
	2012	25,750	1,183	10,734	..	16,199	654
	2013	31,188	244	14,974	..	16,458	661
Korea, Republic of	2010	1,369	104,213	..	412	105,170	2,142
	2011	1,369	113,548	..	223	114,694	2,324
	2012	1,331	108,685	..	-58	110,074	2,219
	2013	1,154	110,541	..	254	111,441	2,236
Kyrgyzstan	2010	295	708	4	0	999	183
	2011	430	655	19	0	1,066	192
	2012	603	897	8	0	1,492	264
	2013	738	907	97	224	1,323	230
Lao People's Dem. Rep.	2010	426	..	*195	..	231	37
	2011	391	..	*195	..	196	31
	2012	535	..	*195	..	340	53
	2013	*534	..	*196	..	*338	*51
Lebanon	2010	..	212	..	..	212	49
	2011	..	236	..	..	236	51
	2012	..	236	..	..	236	48
	2013	..	189	..	..	189	36
Malaysia	2010	2,159	18,675	88	-113	20,859	742
	2011	2,626	19,043	202	531	20,936	733
	2012	2,658	20,315	332	75	22,566	778
	2013	2,606	19,870	467	152	21,857	742
Mongolia	2010	22,019	0	16,193	*-2,359	8,185	3,017
	2011	28,028	0	20,630	*-1,657	9,055	3,282
	2012	26,187	0	15,025	*307	10,856	3,866
	2013	26,359	1	*12,180	*94	14,086	4,927
Myanmar	2010	213	8	..	..	221	4
	2011	305	*8	..	..	313	6
	2012	408	6	..	..	415	8
	2013	448	37	..	..	485	9
Nepal	2010	10	406	..	..	416	15
	2011	11	408	..	..	419	15
	2012	8	305	..	..	313	11
	2013	12	380	..	..	392	14
Other Asia	2010	..	59,183	113	-83	59,153	2,550
	2011	..	58,643	96	82	58,465	2,514
	2012	..	56,023	110	-647	56,560	2,427
	2013	..	58,007	13	434	57,560	2,466
Pakistan	2010	2,331	4,237	..	..	6,568	39
	2011	2,441	4,028	..	..	6,469	37
	2012	*1,816	*3,499	..	..	*5,314	*30
	2013	1,354	3,653	..	..	5,008	28

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
Philippines	2010	5,014	8,475	3,091	159	10,240	110
	2011	5,189	8,502	2,063	354	11,274	119
	2012	5,541	9,221	2,392	568	11,801	123
	2013	5,347	11,121	2,565	-638	14,542	149
Singapore	2010	..	11	0	..	11	2
	2011	..	5	0	..	5	1
	2012	..	15	0	..	15	3
	2013	..	380	4	..	376	70
Sri Lanka	2010	..	97	..	12	86	4
	2011	..	684	..	257	427	21
	2012	..	962	..	239	724	35
	2013	..	1,131	..	370	761	37
Syrian Arab Republic	2010	..	4	..	..	4	0
	2011	..	4	..	..	4	0
	2012	..	1	..	..	1	0
	2013	..	1	..	..	1	0
Tajikistan	2010	119	7	0	..	126	17
	2011	142	10	14	..	138	18
	2012	249	15	1	..	263	33
	2013	*305	*7	0	..	*312	*38
Thailand	2010	7,600	15,323	18	858	22,046	331
	2011	8,836	14,696	5	431	23,095	345
	2012	7,485	16,559	0	-163	24,207	360
	2013	7,288	16,890	8	-459	24,629	365
Turkey	2010	25,034	19,784	0	-1,070	45,888	635
	2011	25,486	22,190	0	-450	48,126	655
	2012	22,271	27,803	6	-62	50,130	670
	2013	22,388	25,466	13	1,331	46,510	610
United Arab Emirates	2010	..	859	4	..	855	103
	2011	..	637	4	..	633	73
	2012	..	1,930	52	..	1,878	210
	2013	..	2,376	6	..	2,370	262
Uzbekistan	2010	1,824	60	19	..	1,865	67
	2011	1,930	50	20	..	1,961	70
	2012	1,935	65	20	..	1,980	69
	2013	2,022	10	21	..	2,012	69
Viet Nam	2010	35,152	138	16,025	1,374	17,890	202
	2011	35,987	146	13,862	-175	22,446	251
	2012	32,409	656	12,314	1,050	19,701	218
	2013	31,724	659	10,393	779	21,211	232
Yemen	2010	..	150	..	..	150	6
	2011	..	153	..	..	153	6
	2012	..	157	..	..	157	6
	2013	..	163	..	..	163	6
Europe	2010	539,016	231,997	162,347	-20,705	629,371	856
	2011	553,040	250,953	158,658	1,995	643,340	874
	2012	581,068	259,895	164,383	685	675,895	917
	2013	566,480	277,592	192,848	1,158	650,066	881
Albania	2010	5	165	..	..	170	58
	2011	2	210	..	..	212	73
	2012	2	246	..	..	248	86
	2013	3	215	..	..	218	76

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
Andorra	2010	..	0	..	..	0	1
	2011	..	0	..	..	0	2
	2012	..	0	..	..	0	*2
	2013	..	0	..	..	0	*2
Austria	2010	0	4,877	8	-8	4,878	581
	2011	0	4,464	5	-512	4,972	590
	2012	0	4,770	3	164	4,604	544
	2013	0	4,469	2	-303	4,770	562
Belarus	2010	816	119	129	-78	885	93
	2011	980	181	115	139	908	96
	2012	930	458	132	108	1,148	121
	2013	812	584	55	145	1,196	126
Belgium	2010	..	6,152	970	-121	5,304	485
	2011	..	5,955	1,041	49	4,865	442
	2012	..	5,388	1,226	-265	4,427	400
	2013	..	5,310	980	-215	4,545	408
Bosnia and Herzegovina	2010	5,001	1,303	640	-107	5,771	1,505
	2011	5,817	1,482	632	-56	6,723	1,754
	2012	5,676	1,114	424	98	6,268	1,637
	2013	5,451	1,245	429	51	6,216	1,626
Bulgaria	2010	7,054	2,491	39	-271	9,777	1,320
	2011	8,887	2,943	44	92	11,694	1,590
	2012	8,015	2,220	48	187	10,001	1,369
	2013	6,839	1,440	21	-195	8,453	1,166
Croatia	2010	..	1,001	1	26	974	226
	2011	..	992	1	-16	1,007	234
	2012	..	793	1	-109	902	210
	2013	..	1,072	10	97	964	226
Czech Republic	2010	29,614	3,059	7,173	-901	26,402	2,513
	2011	29,995	3,042	6,719	416	25,902	2,459
	2012	29,580	2,552	5,617	1,811	24,704	2,343
	2013	25,390	2,717	5,511	-782	23,378	2,217
Denmark	2010	..	3,835	63	-1,759	5,531	996
	2011	..	5,130	0	506	4,623	829
	2012	..	3,310	9	-224	3,525	629
	2013	..	4,110	43	-419	4,485	797
Estonia	2010	5,571	66	70	2	5,566	4,178
	2011	5,802	62	58	-12	5,818	4,381
	2012	5,765	76	43	366	5,432	4,103
	2013	6,322	55	42	3	6,332	4,797
Finland	2010	2,576	5,703	11	-1,606	9,874	1,840
	2011	2,399	6,595	8	440	8,546	1,584
	2012	1,410	3,825	49	-1,386	6,572	1,211
	2013	2,425	4,871	71	-92	7,317	1,342
France	2010	232	17,662	237	396	17,261	274
	2011	132	14,673	137	-22	14,690	232
	2012	257	15,755	226	-550	16,337	257
	2013	278	16,796	181	-895	17,788	278
Germany	2010	65,598	46,836	1,339	-2,101	113,196	1,407
	2011	67,370	46,952	1,376	1,657	111,290	1,384
	2012	67,995	47,549	1,628	-266	114,182	1,419
	2013	64,364	53,493	1,649	-478	116,686	1,448

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
Greece	2010	10,451	572	0	-210	11,233	1,005
	2011	10,721	338	8	-215	11,267	1,010
	2012	11,492	275	12	135	11,621	1,046
	2013	9,612	333	13	-39	9,971	902
Hungary	2010	2,276	2,017	378	-6	3,922	392
	2011	2,351	1,871	375	-136	3,983	399
	2012	2,295	1,817	387	-120	3,845	386
	2013	2,302	1,605	597	-57	3,367	339
Iceland	2010	..	124	..	-5	129	406
	2011	..	127	..	-2	130	404
	2012	..	139	..	6	132	409
	2013	..	139	..	0	139	428
Ireland	2010	1,422	1,531	16	-89	3,027	655
	2011	1,086	2,023	16	211	2,883	620
	2012	451	1,911	18	-1,047	3,392	727
	2013	1,845	2,120	18	1,036	2,910	623
Italy	2010	92	20,730	304	288	20,229	339
	2011	83	22,109	273	-770	22,690	380
	2012	73	22,826	304	-619	23,214	388
	2013	66	18,847	243	-660	19,330	323
Latvia	2010	3	164	4	8	156	75
	2011	0	166	8	1	158	77
	2012	3	135	10	-3	131	64
	2013	3	109	9	-9	113	56
Lithuania	2010	12	295	33	-13	288	92
	2011	17	376	25	32	335	109
	2012	24	319	29	-11	325	108
	2013	34	408	37	29	375	126
Luxembourg	2010	..	107	..	..	107	212
	2011	..	83	..	..	83	160
	2012	..	77	..	..	77	145
	2013	..	67	..	..	67	124
Montenegro	2010	609	0	22	..	587	944
	2011	620	3	17	..	606	973
	2012	561	0	17	..	544	872
	2013	532	1	7	..	525	841
Netherlands	2010	..	18,281	5,321	2,357	10,603	638
	2011	..	21,419	10,957	112	10,350	620
	2012	..	21,375	11,910	-1,947	11,412	681
	2013	..	40,072	27,535	1,357	11,181	665
Norway	2010	1,855	1,078	1,625	218	1,090	223
	2011	1,329	1,122	1,442	-198	1,207	244
	2012	1,178	1,149	1,222	-64	1,169	233
	2013	1,779	1,019	1,984	-290	1,104	217
Poland	2010	79,136	11,811	14,399	-3,238	79,786	2,068
	2011	79,688	12,645	12,233	773	79,327	2,055
	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
Portugal	2010	..	2,329	..	-40	2,368	224
	2011	..	3,069	..	-87	3,156	299
	2012	..	4,332	..	139	4,193	399
	2013	..	3,612	..	-173	3,785	362

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
Republic of Moldova	2010	..	119	..	-4	123	30
	2011	..	131	..	6	126	31
	2012	..	150	..	-6	155	38
	2013	..	217	..	8	209	51
Romania	2010	8,434	1,756	53	163	9,973	491
	2011	9,619	1,586	33	-521	11,692	581
	2012	9,066	1,765	12	-10	10,829	543
	2013	6,652	1,505	6	-37	8,188	414
Russian Federation	2010	236,772	21,871	120,034	-8,331	146,939	1,026
	2011	234,639	27,505	113,164	-168	149,149	1,041
	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
Serbia	2010	10,327	1,094	57	182	11,182	1,234
	2011	11,178	1,145	11	-114	12,427	1,377
	2012	10,397	586	8	76	10,900	1,213
	2013	10,958	441	54	22	11,324	1,267
Slovakia	2010	876	4,594	367	-471	5,574	1,031
	2011	859	4,562	227	-111	5,305	980
	2012	811	4,552	102	312	4,949	914
	2013	835	4,093	110	-136	4,954	914
Slovenia	2010	1,657	404	0	34	2,028	988
	2011	1,715	369	2	-1	2,083	1,011
	2012	1,562	430	1	-18	2,008	974
	2013	1,536	368	6	-13	1,911	925
Spain	2010	4,334	11,211	1,258	2,608	11,679	251
	2011	3,784	13,588	1,098	-1,516	17,790	381
	2012	3,515	18,502	1,596	-1,489	21,911	470
	2013	2,518	11,538	603	-2,196	15,649	337
Sweden	2010	340	3,669	32	362	3,615	385
	2011	314	3,383	25	117	3,555	376
	2012	201	2,471	22	-462	3,113	326
	2013	266	2,636	26	-283	3,160	328
Switzerland	2010	..	174	..	-29	203	26
	2011	..	153	..	-37	190	24
	2012	..	177	..	5	173	21
	2013	..	186	..	-5	190	23
T.F.Yug.Rep. Macedonia	2010	1,706	192	11	-4	1,891	917
	2011	2,015	195	8	101	2,101	1,017
	2012	1,780	203	8	-23	1,997	965
	2013	1,628	162	0	0	1,790	864
Ukraine	2010	46,486	10,872	6,614	-2,003	52,747	1,156
	2011	56,101	11,236	7,686	1,984	57,667	1,268
	2012	57,708	14,180	7,419	2,393	62,076	1,370
	2013	58,443	12,984	8,950	2,684	59,793	1,324
United Kingdom	2010	15,761	23,734	1,140	-5,948	44,302	706
	2011	15,536	29,068	918	-147	43,833	694
	2012	14,251	39,631	971	-2,563	55,474	873
	2013	10,696	44,502	615	1,205	53,377	835
Oceania	2010	340,622	782	273,541	-5,365	73,228	2,011
	2011	322,098	727	265,500	-14,603	71,928	1,943
	2012	346,815	588	280,555	-3,192	70,040	1,863
	2013	380,797	949	311,405	1,452	68,890	1,804

Table 4

Production, trade and supply of coal

Thousand metric tons of coal equivalent kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Australia	2010	336,149	13	271,108	-5,830	70,883	3,198
	2011	317,964	51	263,317	-14,690	69,388	3,078
	2012	342,712	34	278,316	-2,681	67,111	2,929
	2013	376,884	38	309,265	1,491	66,165	2,843
Fiji	2010	..	0	0	..	0	0
	2011	..	0	0	..	0	0
	2012	..	0	0	..	0	0
	2013	..	1	0	..	1	1
New Caledonia	2010	..	580	..	121	459	1,863
	2011	..	547	..	70	477	1,910
	2012	..	435	..	-42	476	1,881
	2013	..	529	..	45	484	1,887
New Zealand	2010	4,474	189	2,433	344	1,886	432
	2011	4,134	130	2,183	17	2,063	468
	2012	4,104	119	2,239	-469	2,453	553
	2013	3,914	381	2,140	-85	2,239	502

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.

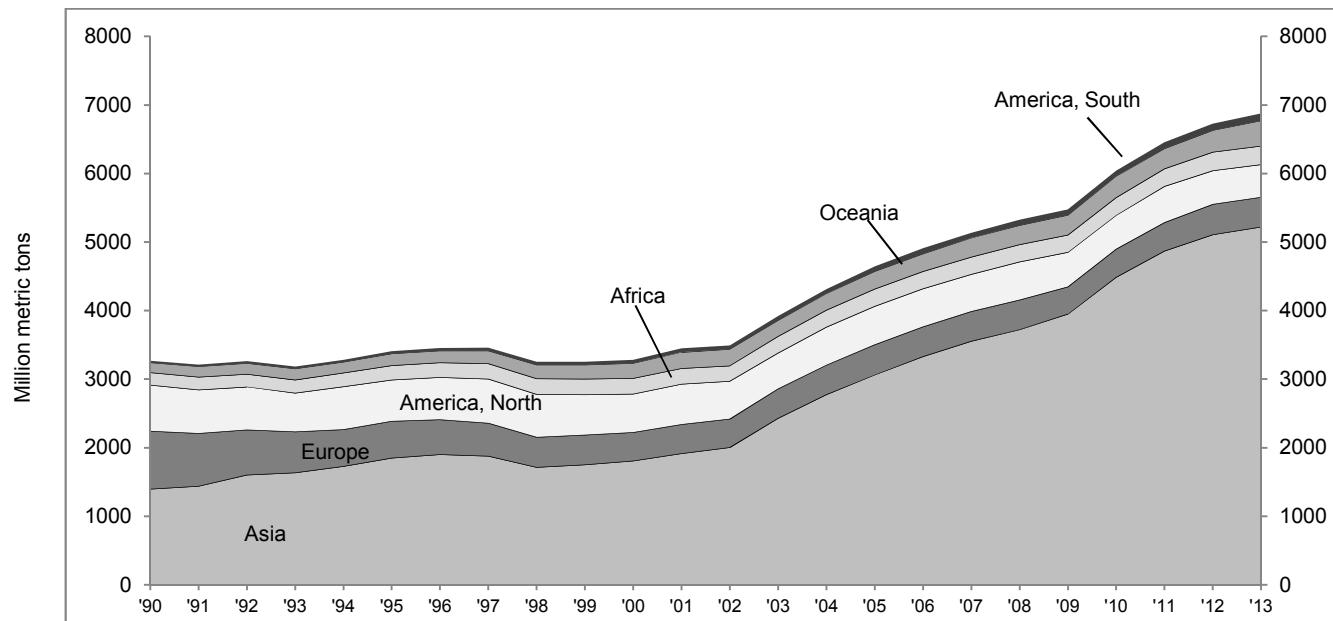
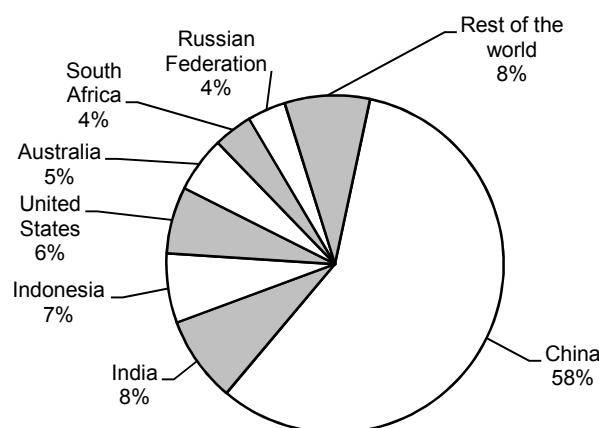
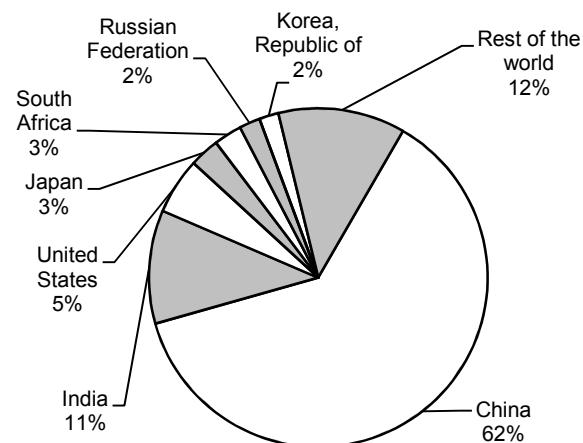
Figure 12: Hard coal production by region, 1990-2013**Figure 13: Major hard coal producing countries, 2013****Figure 14: Major hard coal consuming countries, 2013**

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	2010	6,042,586	1,006,390	1,084,576	836	5,963,563	861
	2011	6,457,105	1,104,923	1,087,577	41,302	6,433,148	917
	2012	6,728,858	1,233,772	1,165,177	29,294	6,768,159	954
	2013	6,876,503	1,328,771	1,346,829	35,317	6,823,128	950
Africa	2010	259,068	12,777	67,339	266	204,240	196
	2011	258,116	12,098	69,099	460	200,655	187
	2012	269,020	13,062	79,142	2,749	200,192	182
	2013	268,486	9,810	78,682	3,228	196,386	174
Botswana	2010	988	..	0	0	988	482
	2011	788	..	0	0	788	377
	2012	1,454	..	2	754	698	327
	2013	1,496	..	2	419	1,075	494
Egypt	2010	38	2,205	..	..	2,243	27
	2011	9	*987	..	..	*996	*12
	2012	21	*905	..	..	*926	*11
	2013	3	416	..	..	419	5
Ethiopia	2010	36	25	..	11	50	1
	2011	21	141	..	-8	170	2
	2012	0	224	..	0	224	2
	2013	0	291	..	0	291	3
Kenya	2010	..	236	..	..	236	6
	2011	..	383	..	..	383	9
	2012	..	343	..	..	343	8
	2013	..	379	..	..	379	9
Lesotho	2010	..	581	..	..	581	289
	2011	..	*591	..	..	*591	*291
	2012	..	*590	..	..	*590	*287
	2013	..	*606	..	..	*606	*291
Madagascar	2010	..	40	..	..	40	2
	2011	..	153	..	..	153	7
	2012	..	263	..	..	263	12
	2013	..	426	..	..	426	19
Malawi	2010	*54	6	*8	..	*52	*4
	2011	*54	17	*8	..	*63	*4
	2012	*54	15	*8	..	*61	*4
	2013	67	*15	*8	..	74	5
Mauritius	2010	..	661	..	-7	668	535
	2011	..	660	..	19	641	512
	2012	..	729	..	54	675	536
	2013	..	708	..	-3	711	563
Morocco	2010	..	5,520	..	220	5,300	162
	2011	..	5,326	..	-341	5,667	171
	2012	..	6,010	..	164	5,846	174
	2013	..	4,511	..	-36	4,547	134
Mozambique	2010	38	..	28	0	10	0
	2011	617	..	162	403	52	2
	2012	4,530	..	2,957	1,557	16	1
	2013	5,992	..	3,865	2,112	15	1
Namibia	2010	..	136	..	..	136	62
	2011	..	34	..	..	34	15
	2012	..	134	..	..	134	58
	2013	..	52	..	..	52	22

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
Niger	2010	238	..	..	11	227	14
	2011	264	..	..	8	256	15
	2012	251	..	..	-15	265	15
	2013	242	..	..	7	235	13
Nigeria	2010	38	..	..	..	38	0
	2011	32	..	..	..	32	0
	2012	48	..	..	..	48	0
	2013	44	..	..	..	44	0
Réunion	2010	..	690	..	-5	695	836
	2011	..	750	..	67	684	817
	2012	..	686	..	-23	710	842
	2013	..	*697	..	*-24	*721	*848
Senegal	2010	..	287	..	..	287	22
	2011	..	402	..	..	402	30
	2012	..	349	..	..	349	25
	2013	..	350	..	..	350	25
South Africa	2010	254,522	2,109	67,230	43	189,358	3,668
	2011	252,757	2,390	68,807	312	186,028	3,561
	2012	258,575	2,591	76,009	258	184,899	3,499
	2013	256,282	915	74,565	753	181,879	3,405
Swaziland	2010	*120	*70	*58	*-7	*139	*117
	2011	*140	*109	*108	0	*141	*116
	2012	*250	*97	*151	0	*196	*159
	2013	*226	*146	*226	0	*146	*117
Tunisia	2010	..	21	..	..	21	2
	2011	..	17	..	..	17	2
	2012	..	0	..	..	0	0
	2013	..	0	..	..	0	0
Uganda	2010	..	0	..	..	0	0
	2011	..	0	..	..	0	0
	2012	..	0	..	..	0	0
	2013	..	172	..	..	172	5
United Rep. of Tanzania	2010	0	..	..	..	0	0
	2011	81	..	..	..	81	2
	2012	79	..	..	..	79	2
	2013	85	..	..	..	85	2
Zambia	2010	0	143	15	..	128	9
	2011	0	85	14	..	71	5
	2012	51	67	15	..	103	7
	2013	176	*64	*16	..	223	15
Zimbabwe	2010	2,996	47	..	..	3,043	218
	2011	3,353	53	..	..	3,406	239
	2012	3,707	59	..	..	3,766	259
	2013	3,873	62	..	..	3,935	264
America, North	2010	492,957	27,753	100,409	-14,317	434,618	795
	2011	527,497	24,020	124,811	11,256	415,450	752
	2012	489,709	19,501	140,752	-1,315	369,773	663
	2013	478,755	18,376	134,367	-13,845	376,609	669
Canada	2010	33,703	8,731	33,299	-1,076	10,211	299
	2011	34,621	9,184	33,552	-167	10,420	302
	2012	35,375	8,863	34,648	-138	9,728	279
	2013	38,282	6,263	38,989	-465	6,021	171

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	2010	..	1	..	..	1	0
	2011	..	8	..	..	8	2
	2012	..	3	..	..	3	1
	2013	..	3	..	..	3	1
Cuba	2010	..	23	..	..	23	2
	2011	..	2	..	..	2	0
	2012	..	4	..	..	4	0
	2013	..	*3	..	..	*3	0
Dominican Republic	2010	..	709	..	..	709	72
	2011	..	882	..	..	882	88
	2012	..	874	..	..	874	86
	2013	..	850	..	..	850	83
Guatemala	2010	..	571	..	79	492	33
	2011	..	571	..	78	493	33
	2012	..	577	..	79	498	32
	2013	..	606	..	108	497	32
Honduras	2010	..	107	..	..	107	14
	2011	..	112	..	..	112	15
	2012	..	110	..	..	110	14
	2013	..	112	..	..	112	14
Jamaica	2010	..	27	..	-4	31	11
	2011	..	72	..	-8	80	29
	2012	..	94	..	21	73	26
	2013	..	95	..	6	89	32
Mexico	2010	1,587	1,531	5	417	2,696	23
	2011	2,043	1,603	9	773	2,864	24
	2012	2,125	731	216	710	1,930	16
	2013	1,270	2,338	5	349	3,254	26
Panama	2010	..	0	..	..	0	0
	2011	..	237	..	..	237	64
	2012	..	323	..	..	323	86
	2013	..	341	..	..	341	90
United States	2010	457,667	16,053	67,105	-13,733	420,348	1,357
	2011	490,833	11,349	91,250	10,580	400,352	1,282
	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
America, South	2010	83,326	25,248	70,726	-1,434	39,282	99
	2011	94,374	29,988	81,366	540	42,456	106
	2012	97,943	29,059	84,412	-707	43,297	107
	2013	104,717	30,191	87,190	1,163	46,556	114
Argentina	2010	65	1,458	14	5	1,504	36
	2011	90	1,718	29	0	1,779	43
	2012	95	1,586	78	-14	1,617	38
	2013	83	851	27	17	890	21
Brazil	2010	5,415	15,909	0	-383	21,707	109
	2011	5,505	18,007	71	574	22,867	114
	2012	6,617	16,486	0	-515	23,618	117
	2013	8,594	18,041	0	534	26,101	128
Chile	2010	619	6,933	0	-799	8,351	491
	2011	654	9,665	0	531	9,788	569
	2012	712	10,359	0	199	10,872	625
	2013	3,028	10,301	1,259	743	11,327	644

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
Colombia	2010	74,409	0	68,148	0	6,261	136
	2011	85,842	0	79,273	0	6,569	142
	2012	89,092	0	83,295	0	5,797	124
	2013	91,854	0	85,117	0	6,737	142
Paraguay	2010	..	0	..	..	0	0
	2011	..	1	..	..	1	0
	2012	..	2	..	..	2	0
	2013	..	0	..	..	0	0
Peru	2010	88	944	107	-257	1,182	40
	2011	183	595	174	-565	1,169	39
	2012	227	624	128	-377	1,100	36
	2013	211	995	128	-131	1,209	40
Uruguay	2010	..	4	..	..	4	1
	2011	..	2	..	..	2	1
	2012	..	3	..	..	3	1
	2013	..	3	..	..	3	1
Venezuela (Bolivar. Rep.)	2010	2,730	..	2,457	..	273	9
	2011	2,100	..	1,819	..	281	10
	2012	1,200	..	911	..	289	10
	2013	947	..	659	..	288	10
Asia	2010	4,487,334	701,196	385,389	45,639	4,757,501	1,141
	2011	4,870,954	773,652	364,724	42,468	5,237,414	1,243
	2012	5,106,490	896,468	389,945	30,012	5,583,001	1,311
	2013	5,220,690	974,739	508,787	44,554	5,642,088	1,311
Afghanistan	2010	725	..	..	..	725	26
	2011	1,480	..	..	..	1,480	51
	2012	1,240	..	..	..	1,240	42
	2013	1,347	..	..	..	1,347	44
Armenia	2010	..	2	0	..	2	1
	2011	..	3	0	..	3	1
	2012	..	3	0	..	3	1
	2013	..	1	0	..	1	0
Azerbaijan	2010	..	8	..	-1	9	1
	2011	..	6	..	-2	8	1
	2012	..	5	..	-1	6	1
	2013	..	5	..	0	5	1
Bangladesh	2010	705	800	..	-117	1,622	11
	2011	667	924	..	94	1,497	10
	2012	835	1,000	..	28	1,807	12
	2013	855	1,000	..	-105	1,960	12
Bhutan	2010	88	..	59	..	29	40
	2011	109	..	73	..	36	49
	2012	99	..	47	..	52	70
	2013	78	..	5	..	73	96
China	2010	3,428,447	183,069	19,106	36,634	3,555,776	2,652
	2011	3,764,435	222,358	14,665	41,548	3,930,580	2,915
	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
China, Hong Kong SAR	2010	..	10,324	0	442	9,882	1,413
	2011	..	12,529	0	775	11,754	1,669
	2012	..	12,360	0	780	11,580	1,631
	2013	..	12,982	0	636	12,346	1,723

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
Cyprus	2010	..	17	..	-9	26	24
	2011	..	0	..	-12	12	11
	2012	..	0	..	0	0	0
	2013	..	0	..	0	0	0
Georgia	2010	..	8	..	0	8	2
	2011	..	7	..	0	7	2
	2012	..	4	..	0	4	1
	2013	..	233	..	10	223	55
India	2010	532,694	68,918	4,409	7,329	589,874	479
	2011	539,950	102,853	2,032	26	640,745	514
	2012	557,707	145,790	2,825	-11,890	712,562	564
	2013	565,766	168,440	2,188	-7,535	739,553	578
Indonesia	2010	319,190	55	291,061	206	27,978	116
	2011	346,943	41	267,787	1,064	78,133	319
	2012	385,899	78	304,051	-217	82,143	331
	2013	458,463	509	424,325	860	33,787	134
Iran (Islamic Rep. of)	2010	1,089	51	115	..	1,025	14
	2011	1,164	14	308	..	870	12
	2012	1,041	91	333	..	799	10
	2013	1,104	48	305	..	847	11
Israel	2010	..	12,310	..	0	12,310	1,659
	2011	..	12,310	..	-271	12,581	1,663
	2012	..	13,816	..	-360	14,176	1,842
	2013	..	12,643	..	1,092	11,551	1,478
Japan	2010	..	186,680	4	..	186,676	1,466
	2011	..	175,423	2	..	175,421	1,379
	2012	..	183,861	3	..	183,858	1,446
	2013	..	195,609	2	..	195,607	1,540
Jordan	2010	..	0	..	..	0	0
	2011	..	0	..	..	0	0
	2012	..	0	..	..	0	0
	2013	..	331	..	..	331	46
Kazakhstan	2010	103,646	249	29,372	1,791	72,732	4,459
	2011	108,082	152	30,064	474	77,696	4,693
	2012	112,779	206	30,322	2,848	79,815	4,745
	2013	112,884	228	31,762	1,608	79,742	4,663
Korea, Dem.Ppl's.Rep.	2010	25,500	85	4,638	..	20,947	855
	2011	25,500	0	11,178	..	14,322	581
	2012	25,800	1,089	12,011	..	14,878	601
	2013	31,740	63	16,703	..	15,100	607
Korea, Republic of	2010	2,084	113,501	..	627	114,958	2,342
	2011	2,084	124,935	..	340	126,679	2,567
	2012	2,094	121,434	..	-92	123,620	2,492
	2013	1,815	124,704	..	400	126,119	2,530
Kyrgyzstan	2010	55	1,103	0	0	1,158	212
	2011	109	1,020	0	0	1,129	203
	2012	153	1,399	0	0	1,552	275
	2013	251	1,271	144	354	1,024	178
Lao People's Dem. Rep.	2010	212	..	..	..	212	34
	2011	167	..	..	..	167	26
	2012	331	..	..	..	331	51
	2013	*330	..	..	..	*330	*50

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
Lebanon	2010	..	225	..	..	225	52
	2011	..	250	..	..	250	54
	2012	..	250	..	..	250	51
	2013	..	200	..	..	200	38
Malaysia	2010	2,397	20,737	98	-125	23,161	824
	2011	2,916	21,145	224	590	23,247	814
	2012	2,951	22,558	369	83	25,057	863
	2013	2,894	22,063	518	169	24,270	824
Mongolia	2010	20,130	0	16,626	*-2,214	5,718	2,108
	2011	25,624	0	21,196	*-2,226	6,654	2,412
	2012	23,941	0	15,423	*299	8,219	2,927
	2013	24,098	1	*12,493	*555	11,051	3,865
Myanmar	2010	240	10	..	..	250	5
	2011	351	*10	..	..	361	7
	2012	471	8	..	..	479	9
	2013	535	47	..	..	582	11
Nepal	2010	12	473	..	..	485	18
	2011	13	476	..	..	489	18
	2012	9	356	..	..	365	13
	2013	14	443	..	..	457	16
Other Asia	2010	..	58,911	..	-88	58,999	2,543
	2011	..	53,644	..	152	53,492	2,300
	2012	..	48,544	..	-714	49,258	2,114
	2013	..	52,633	..	879	51,754	2,218
Pakistan	2010	3,450	4,267	..	..	7,717	45
	2011	3,613	4,057	..	..	7,670	44
	2012	*2,829	*3,710	..	..	*6,539	*37
	2013	2,110	3,874	..	..	5,984	33
Singapore	2010	..	0	0	..	0	0
	2011	..	1	0	..	1	0
	2012	..	17	0	..	17	3
	2013	..	431	5	..	427	79
Sri Lanka	2010	..	108	..	13	95	5
	2011	..	760	..	286	475	23
	2012	..	962	..	239	724	35
	2013	..	1,131	..	370	761	37
Tajikistan	2010	141	11	0	..	152	20
	2011	176	15	22	..	169	22
	2012	318	24	2	..	340	43
	2013	*405	*10	0	..	*415	*51
Thailand	2010	..	16,802	21	899	15,882	238
	2011	..	16,213	6	*-124	16,331	244
	2012	..	18,360	0	*44	18,404	274
	2013	..	18,726	9	186	18,531	275
Turkey	2010	2,524	21,333	0	-1,466	25,323	350
	2011	2,528	23,678	0	-26	26,232	357
	2012	2,292	29,195	7	20	31,460	420
	2013	1,968	26,633	5	418	28,178	370
United Arab Emirates	2010	..	968	4	..	964	116
	2011	..	654	4	..	650	74
	2012	..	2,132	58	..	2,074	232
	2013	..	2,656	7	..	2,649	293

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
Uzbekistan	2010	65	..	..	..	65	2
	2011	60	..	..	..	60	2
	2012	60	..	..	..	60	2
	2013	56	..	..	..	56	2
Viet Nam	2010	43,940	0	19,876	1,718	22,346	253
	2011	44,984	0	17,163	-219	28,040	314
	2012	40,512	627	15,219	1,313	24,607	272
	2013	39,655	621	12,808	974	26,494	290
Yemen	2010	..	170	..	..	170	7
	2011	..	174	..	..	174	7
	2012	..	178	..	..	178	7
	2013	..	185	..	..	185	7
Europe	2010	409,254	238,763	165,672	-23,054	505,398	687
	2011	414,340	264,564	160,891	2,452	515,561	700
	2012	446,091	275,208	167,194	1,600	552,505	750
	2013	432,755	295,045	199,612	-1,330	529,518	718
Andorra	2010	..	0	..	..	0	1
	2011	..	0	..	..	0	2
	2012	..	0	..	..	0	*2
	2013	..	0	..	..	0	*2
Austria	2010	..	3,634	1	-105	3,738	445
	2011	..	3,382	1	-446	3,827	454
	2012	..	3,637	2	146	3,489	413
	2013	..	3,177	1	-315	3,491	411
Belarus	2010	..	55	0	-24	79	8
	2011	..	116	2	23	91	10
	2012	..	415	1	56	358	38
	2013	..	586	0	43	543	57
Belgium	2010	..	6,275	604	3	5,668	519
	2011	..	5,937	667	126	5,144	467
	2012	..	5,374	627	-319	5,066	457
	2013	..	5,284	598	-311	4,997	448
Bosnia and Herzegovina	2010	..	1,232	1	-33	1,264	330
	2011	..	1,388	1	110	1,277	333
	2012	..	1,058	5	16	1,037	271
	2013	..	1,164	1	58	1,105	289
Bulgaria	2010	48	2,777	46	-377	3,156	426
	2011	18	3,300	39	124	3,155	429
	2012	15	2,440	44	171	2,240	307
	2013	17	1,547	3	-198	1,759	243
Croatia	2010	..	1,113	0	29	1,084	251
	2011	..	1,104	0	-17	1,121	261
	2012	..	875	0	-127	1,002	234
	2013	..	1,182	11	113	1,058	248
Czech Republic	2010	11,435	2,009	6,272	-640	7,812	744
	2011	11,423	2,310	6,279	12	7,442	706
	2012	12,319	1,747	5,050	1,796	7,220	685
	2013	8,744	2,010	4,818	-1,121	7,057	669
Denmark	2010	..	4,570	71	-1,997	6,496	1,170
	2011	..	6,137	0	612	5,525	991
	2012	..	3,978	11	-271	4,238	757
	2013	..	4,895	52	-501	5,344	950

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
Estonia	2010	..	71	0	11	60	45
	2011	..	67	0	-3	70	53
	2012	..	82	1	17	64	48
	2013	..	59	0	-2	61	46
Finland	2010	..	5,920	..	-1,060	6,980	1,300
	2011	..	6,970	..	967	6,003	1,113
	2012	..	3,909	..	-693	4,602	848
	2013	..	5,067	..	-769	5,836	1,070
France	2010	261	17,579	131	376	17,333	275
	2011	149	14,427	61	-32	14,547	230
	2012	290	15,856	177	-854	16,823	265
	2013	313	16,959	191	-1,248	18,329	287
Germany	2010	14,108	45,725	253	-2,095	61,675	767
	2011	12,960	47,845	204	1,680	58,921	733
	2012	11,558	49,034	347	-155	60,400	751
	2013	8,260	54,319	251	-416	62,744	779
Greece	2010	..	617	0	3	614	55
	2011	..	395	7	8	380	34
	2012	..	276	9	-84	351	32
	2013	..	344	11	31	302	27
Hungary	2010	..	1,767	10	-30	1,787	178
	2011	..	1,560	0	-110	1,670	167
	2012	..	1,487	0	-17	1,504	151
	2013	..	1,319	..	-13	1,332	134
Iceland	2010	..	106	..	0	106	333
	2011	..	111	..	6	105	327
	2012	..	104	..	-1	105	325
	2013	..	120	..	0	120	369
Ireland	2010	..	1,596	9	-414	2,001	433
	2011	..	2,289	9	267	2,013	433
	2012	..	2,219	12	-231	2,438	522
	2013	..	2,383	13	236	2,134	457
Italy	2010	101	21,712	5	441	21,367	358
	2011	92	23,261	3	-885	24,235	406
	2012	80	24,062	58	-662	24,746	414
	2013	73	19,637	0	-866	20,576	344
Latvia	2010	..	180	2	11	167	80
	2011	..	183	7	4	172	83
	2012	..	144	6	-1	139	68
	2013	..	119	8	-10	121	60
Lithuania	2010	..	176	18	14	144	46
	2011	..	356	18	36	302	98
	2012	..	320	23	0	297	98
	2013	..	417	35	29	353	119
Luxembourg	2010	..	102	..	..	102	201
	2011	..	89	..	..	89	171
	2012	..	82	..	..	82	154
	2013	..	75	..	..	75	138
Netherlands	2010	..	20,440	5,866	2,701	11,873	714
	2011	..	24,463	12,608	181	11,674	699
	2012	..	24,358	13,722	-2,154	12,790	764
	2013	..	46,687	31,901	1,807	12,979	772

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
Norway	2010	1,935	684	1,691	222	706	144
	2011	1,386	709	1,504	-187	778	157
	2012	1,229	723	1,273	-75	754	150
	2013	1,855	640	2,068	-297	724	142
Poland	2010	76,728	13,603	9,965	-4,422	84,788	2,198
	2011	76,448	14,955	7,007	869	83,527	2,164
	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
Portugal	2010	..	2,657	..	-45	2,702	255
	2011	..	3,595	..	-102	3,697	350
	2012	..	5,035	..	162	4,873	463
	2013	..	4,246	..	-202	4,448	425
Republic of Moldova	2010	..	181	..	-5	186	46
	2011	..	207	..	9	198	49
	2012	..	184	..	-7	191	47
	2013	..	259	..	9	250	61
Romania	2010	..	219	47	-21	193	10
	2011	..	300	36	14	250	12
	2012	..	261	8	-22	275	14
	2013	..	237	6	7	224	11
Russian Federation	2010	222,577	24,859	132,275	-9,380	124,541	870
	2011	219,288	30,344	123,762	-189	126,059	880
	2012	252,062	28,602	130,268	552	149,844	1,046
	2013	252,307	27,873	138,979	4,066	137,135	957
Serbia	2010	..	158	7	4	147	16
	2011	..	186	1	-11	196	22
	2012	..	173	0	11	162	18
	2013	..	101	3	-5	103	12
Slovakia	2010	..	3,798	..	-365	4,163	770
	2011	..	3,972	..	-86	4,058	750
	2012	..	4,166	..	249	3,917	723
	2013	..	3,839	..	-78	3,917	723
Slovenia	2010	..	27	0	7	20	10
	2011	..	24	2	5	17	8
	2012	..	24	1	7	16	8
	2013	..	23	7	7	9	4
Spain	2010	5,986	12,817	1,488	3,439	13,876	298
	2011	4,262	16,168	1,190	-2,137	21,377	458
	2012	3,910	22,414	1,876	-2,135	26,583	570
	2013	2,542	13,662	677	-3,410	18,937	408
Sweden	2010	..	3,285	1	425	2,859	305
	2011	..	3,076	1	32	3,043	322
	2012	..	2,281	1	-496	2,776	291
	2013	..	2,540	1	-293	2,832	294
Switzerland	2010	..	130	..	-36	166	21
	2011	..	99	..	-45	144	18
	2012	..	141	..	3	138	17
	2013	..	144	..	-10	154	19
T.F.Yug.Rep. Macedonia	2010	..	4	0	0	3	2
	2011	..	2	0	0	2	1
	2012	..	2	0	0	2	1
	2013	..	5	0	0	5	3

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
Ukraine	2010	57,659	12,145	6,194	-2,485	66,095	1,448
	2011	69,687	12,709	6,991	2,453	72,952	1,604
	2012	67,768	14,764	6,114	2,832	73,586	1,624
	2013	68,779	14,208	8,537	3,128	71,322	1,579
United Kingdom	2010	18,416	26,540	715	-7,206	51,447	820
	2011	18,627	32,528	491	-836	51,500	815
	2012	17,047	44,816	488	-2,952	64,327	1,012
	2013	12,848	49,402	594	1,298	60,358	944
Oceania	2010	310,648	652	295,041	-6,264	22,523	619
	2011	291,824	600	286,686	-15,874	21,612	584
	2012	319,605	473	303,732	-3,045	19,391	516
	2013	371,100	610	338,192	1,547	31,971	837
Australia	2010	308,051	..	292,621	-6,364	21,794	983
	2011	289,493	..	284,536	-15,949	20,906	927
	2012	317,328	..	301,521	-2,878	18,685	816
	2013	368,820	..	336,096	1,659	31,065	1,335
New Caledonia	2010	..	600	..	125	475	1,930
	2011	..	566	..	72	494	1,978
	2012	..	450	..	-43	493	1,948
	2013	..	548	..	47	501	1,954
New Zealand	2010	2,597	52	2,420	-25	254	58
	2011	2,331	34	2,150	3	212	48
	2012	2,277	23	2,211	-124	213	48
	2013	2,280	62	2,096	-159	405	91

Table 6

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

Thousand metric tons

2012

Importers	Exporters					
	World	Australia	Canada	China	Colombia	Indonesia
Austria	3,637	..	5	..	37	..
Belgium	5,374	1,227	..	..	212	..
Brazil	16,486	2,936	1,503	8	2,517	..
Canada	8,863	..	..	..	908	..
Chile	10,359	594	246	..	5,099	160
China	288,411	59,443	*6,500	..	2,568	67,846
China, Hong Kong SAR	12,360	604	..	..	..	11,673
Denmark	3,978	..	..	..	1,508	..
Finland	3,909	241	364	..	17	..
France	15,856	3,386	52	34	3,145	..
Germany	49,034	4,349	1,502	..	8,535	..
India	137,558	28,376	1,039	66	233	68,518
Israel	13,816	..	..	..	5,715	..
Italy	24,062	1,466	793	..	2,756	3,782
Japan	183,861	114,073	*7,626	3,372	144	35,933
Korea, Republic of	121,434	44,927	*9,082	3,643	812	36,679
Malaysia	22,558	2,779	..	18	..	14,914
Morocco	6,010	..	..	..	..	..
Netherlands	24,358	651	521	16	11,054	71
Pakistan	3,710	441	107	2	..	1,433
Poland	10,165	356	..	4	87	..
Portugal	5,035	..	..	..	3,589	..
Russian Federation	28,602	..	..	..	46	..
Slovakia	4,166	..	..	..	..	..
Spain	22,414	1,351	..	9	6,294	5,634
Thailand	18,360	3,273	144	6	..	*12,682
Turkey	29,195	1,377	493	68	7,260	..
Ukraine	14,764	..	..	..	31	80
United Kingdom	44,816	2,360	308	13	11,749	..
United States	7,922	..	898	59	6,306	216

Table 6

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

Thousand metric tons

2012

Exporters					
Kazakhstan	Mongolia	Russian Federation	South Africa Customs Un.	United States	Viet Nam
..	1,216	..
..	..	494	465	1,637	..
..	..	1,200	1,062	7,106	..
..	..	83	..	7,650	..
..	3,914	..
..	*14,649	20,181	14,284	9,306	*11,807
..	..	73	..	..	..
..	..	1,400	808	..	..
48	..	2,622	..	391	..
..	..	2,526	1,860	4,070	..
..	..	9,993	2,122	10,419	..
..	..	759	15,895	5,345	93
..	..	2,717	4,388	..	..
..	..	3,089	3,035	7,735	..
..	..	12,257	422	6,240	*760
..	..	12,625	2,751	6,707	*762
..	3,119	..	141
..	..	653	169	3,688	..
..	..	3,801	1,425	5,912	2
..	1,351	45	..
283	..	6,568	..	796	..
..	..	6	295	1,124	..
21,536	3	..	..	955	..
..	..	1,163	..	830	..
..	..	3,289	2,818	2,186	..
..	286	1	132
..	..	9,784	3,323	4,333	..
801	..	10,375	..	3,308	..
..	..	18,054	553	10,791	..
..	..	13	..	..	..

Table 6
**International trade of hard coal
(Principal importers/exporters)**

Thousand metric tons

2013

Importers	Exporters					
	World	Australia	Canada	China	Colombia	Indonesia
Austria	3,177	..	..	..	10	..
Belgium	5,284	1,306	..	..	339	..
Brazil	18,041	*3,036	*1,562	5	*2,457	..
Canada	6,263	..	..	..	1,348	..
Chile	10,301	1,760	516	..	5,871	..
China	327,018	88,189	*9,123	..	503	67,694
China, Hong Kong SAR	12,982	527	..	..	..	12,299
Denmark	4,895	..	..	..	1,914	..
Finland	5,067	206	368	..	..	..
France	16,959	3,031	34	12	2,517	..
Germany	54,319	4,566	1,176	..	8,131	..
India	98,841	*23,899	936	17	68	*47,733
Israel	12,643	..	..	..	5,229	..
Italy	19,637	744	1,136	..	1,928	3,205
Japan	195,609	124,393	*7,691	2,149	212	37,509
Korea, Republic of	124,704	49,950	*9,821	2,757	324	33,970
Malaysia	22,063	*3,318	..	7	..	*14,329
Morocco	4,511	..	..	..	..	..
Netherlands	46,687	2,301	469	10	17,857	16
Pakistan	3,874	99	..	4	..	887
Poland	10,515	1,013	..	4	60	..
Portugal	4,246	..	..	..	3,390	..
Russian Federation	27,873	..	..	..	45	..
Slovakia	3,839	..	..	..	..	..
Spain	13,662	1,006	59	9	2,519	3,392
Thailand	18,726	3,834	140	6	..	13,217
Turkey	26,633	905	339	16	7,158	147
Ukraine	14,208	2	248	..	73	..
United Kingdom	49,402	2,147	561	34	11,494	..
United States	7,766	..	911	37	5,966	605

Table 6

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

Thousand metric tons

2013

Exporters					
Kazakhstan	Mongolia	Russian Federation	South Africa Customs Un.	United States	Viet Nam
..	..	38	..	680	..
..	..	1,170	318	1,655	..
..	..	*1,189	*723	*7,065	..
..	4,719	..
..	2,154	..
..	*11,867	*22,116	12,743	8,460	*9,616
..	..	145	..	..	..
..	..	1,826	317	37	..
105	..	3,590	..	411	..
..	..	2,803	2,159	4,383	..
..	..	*9,613	3,132	*6,372	..
..	..	461	*11,795	3,997	51
..	..	2,621	3,848	..	..
36	..	4,410	2,156	5,456	..
..	..	*10,225	477	6,794	*738
..	..	*12,229	165	6,060	*824
..	..	438	*1,559	..	206
..	..	589	453	2,881	..
..	..	8,290	5,550	*6,795	2
..	1,129	58	..
182	..	6,541	..	521	..
..	..	11	164	507	..
22,787	1	..	..	372	..
..	..	986	..	303	..
..	..	2,352	1,552	1,741	..
..	1	91
..	..	8,590	3,347	4,029	..
565	..	*8,360	..	2,899	..
18	..	*16,455	484	*7,486	..
..	..	33	..	..	..

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.

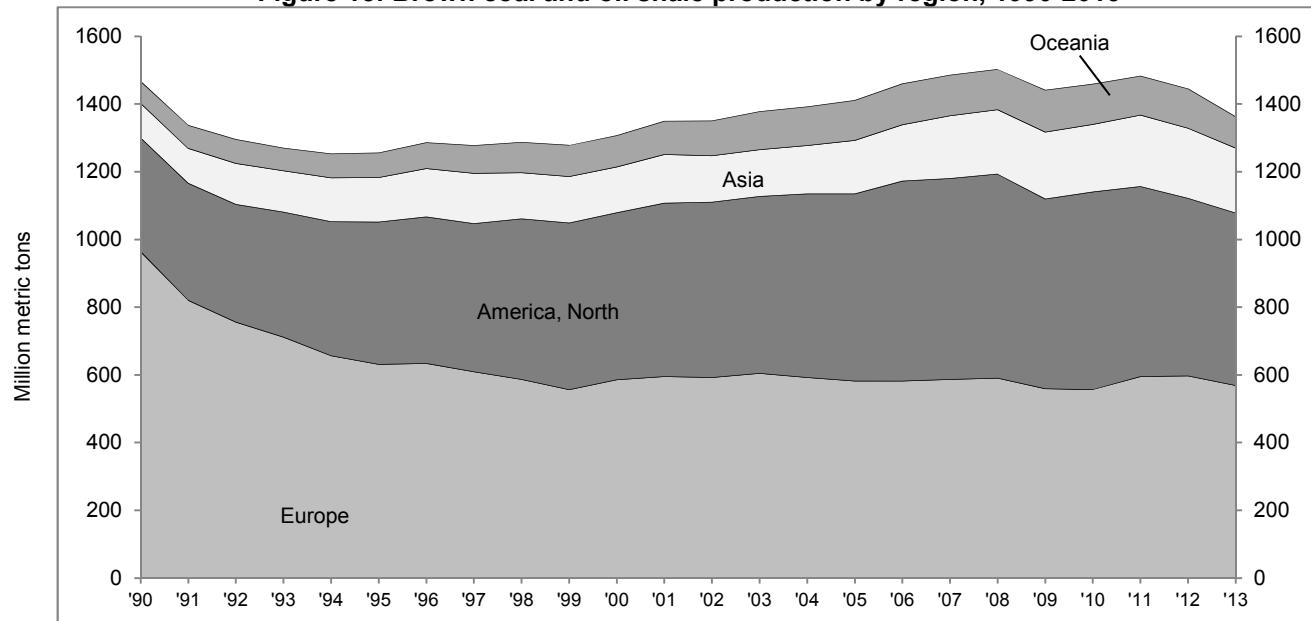
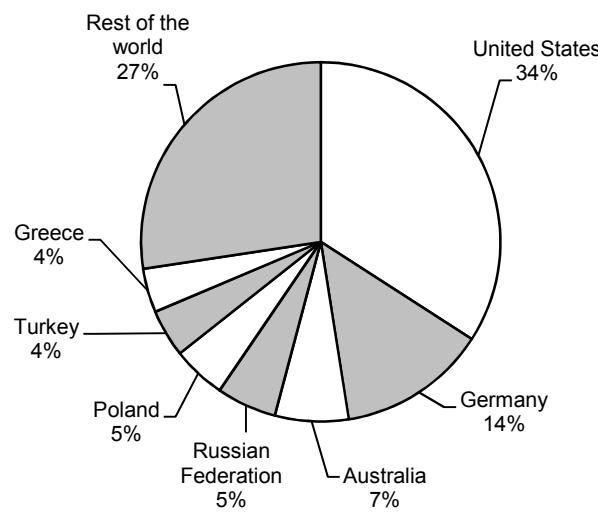
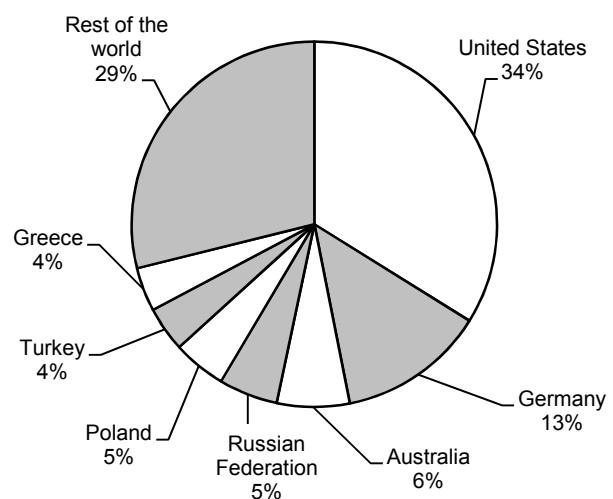
Figure 15: Brown coal and oil shale production by region, 1990-2013**Figure 16: Major brown coal producing countries, 2013****Figure 17: Major brown coal consuming countries, 2013**

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	2010	1,458,801	36,545	23,899	7,563	1,463,884	211
	2011	1,482,543	42,444	20,697	-7,123	1,511,413	216
	2012	1,444,706	45,810	26,384	15,403	1,448,728	204
	2013	1,362,435	43,897	29,561	-24,636	1,401,407	195
America, North	2010	583,872	11,419	7,166	5,982	582,143	1,064
	2011	561,299	7,836	6,229	-6,566	569,472	1,031
	2012	524,217	8,049	8,344	12,186	511,736	917
	2013	509,146	7,753	11,482	-23,517	528,934	939
Canada	2010	34,186	3,746	139	..	37,793	1,107
	2011	32,493	1,330	176	..	33,647	975
	2012	31,121	954	158	..	31,917	915
	2013	30,626	2,289	110	..	32,805	931
Mexico	2010	11,246	6,170	..	2,420	14,996	126
	2011	13,718	5,982	..	3,823	15,877	132
	2012	13,031	6,709	..	3,937	15,803	129
	2013	14,060	5,152	..	-2,407	21,619	175
United States	2010	538,440	1,503	7,027	3,562	529,354	1,708
	2011	515,088	524	6,053	-10,389	519,948	1,664
	2012	480,065	386	8,186	8,249	464,016	1,474
	2013	464,460	312	11,372	-21,110	474,510	1,496
Asia	2010	199,076	20,462	14,358	620	204,559	49
	2011	210,818	28,510	11,609	1,888	225,831	54
	2012	207,099	31,207	14,182	755	223,369	52
	2013	192,380	29,916	14,019	-1,320	209,596	49
Bangladesh	2010	..	0	..	..	0	0
	2011	..	0	..	..	0	0
	2012	..	0	..	..	0	0
	2013	..	30	..	..	30	0
Cambodia	2010	..	17	..	..	17	1
	2011	..	19	..	..	19	1
	2012	..	21	..	..	21	1
	2013	..	96	..	..	96	6
Cyprus	2010	..	1	..	..	1	1
	2011	..	1	..	..	1	1
	2012	..	1	..	..	1	1
	2013	..	1	..	..	1	1
Georgia	2010	105	..	0	0	105	25
	2011	140	..	0	0	140	33
	2012	254	..	0	0	254	61
	2013	404	..	4	-1	401	98
India	2010	37,733	..	0	45	37,688	31
	2011	42,332	..	0	441	41,891	34
	2012	46,598	..	107	442	46,049	36
	2013	44,271	..	2	367	43,902	34
Indonesia	2010	41,274	..	7,782	..	33,492	139
	2011	*41,550	..	*8,000	..	*33,550	*137
	2012	*41,550	..	*8,000	..	*33,550	*135
	2013	*41,550	..	*8,000	..	*33,550	*134
Israel	2010	432	0	..	..	432	58
	2011	416	165	..	..	581	77
	2012	423	154	..	..	577	75
	2013	..	172	..	..	172	22

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
Kazakhstan	2010	7,283	7	1,924	69	5,297	325
	2011	8,368	3	286	56	8,029	485
	2012	7,748	7	2,339	-98	5,514	328
	2013	6,690	1	2,049	45	4,597	269
Korea, Dem.Ppl's.Rep.	2010	6,662	..	..	..	6,662	272
	2011	4,684	..	..	..	4,684	190
	2012	4,488	..	..	..	4,488	181
	2013	4,555	..	..	..	4,555	183
Korea, Republic of	2010	..	5,090	..	..	5,090	104
	2011	..	4,215	..	..	4,215	85
	2012	..	2,834	..	..	2,834	57
	2013	..	1,803	..	..	1,803	36
Kyrgyzstan	2010	520	17	7	..	530	97
	2011	722	16	38	..	700	126
	2012	1,011	21	15	..	1,017	180
	2013	1,157	4	12	..	1,149	200
Lao People's Dem. Rep.	2010	502	..	*409	..	92	15
	2011	512	..	*409	..	103	16
	2012	510	..	*409	..	101	16
	2013	*510	..	*410	..	*100	*15
Mongolia	2010	*5,032	..	*100	*-426	*5,358	*1,975
	2011	*6,406	..	*100	*1,027	*5,279	*1,913
	2012	*5,985	..	*100	*34	*5,851	*2,083
	2013	*6,024	..	*100	*-904	*6,828	*2,388
Myanmar	2010	40	..	..	..	40	1
	2011	47	..	..	..	47	1
	2012	62	..	..	..	62	1
	2013	42	..	..	..	42	1
Other Asia	2010	..	4,244	..	-172	4,416	190
	2011	..	12,945	..	-64	13,009	559
	2012	..	16,085	..	82	16,003	687
	2013	..	13,318	..	-834	14,152	606
Philippines	2010	6,650	10,966	4,099	211	13,306	143
	2011	6,882	10,963	2,736	469	14,639	155
	2012	7,349	11,896	3,173	754	15,317	160
	2013	7,092	14,415	3,401	-847	18,952	194
Tajikistan	2010	59	..	..	..	59	8
	2011	61	..	..	..	61	8
	2012	94	..	..	..	94	12
	2013	*96	..	..	..	*96	*12
Thailand	2010	18,344	..	..	303	18,041	271
	2011	21,327	..	..	1,309	20,018	299
	2012	18,066	..	..	-299	18,365	273
	2013	17,591	..	..	-1,512	19,103	283
Turkey	2010	70,875	..	..	590	70,285	972
	2011	73,588	..	..	-1,350	74,938	1,019
	2012	69,169	..	..	-160	69,329	926
	2013	58,425	..	..	2,366	56,059	735
United Arab Emirates	2010	..	0	..	..	0	0
	2011	..	83	..	..	83	10
	2012	..	58	..	..	58	6
	2013	..	56	..	..	56	6

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
Uzbekistan	2010	3,565	120	37	..	3,648	132
	2011	3,784	100	39	..	3,845	137
	2012	3,793	130	39	..	3,884	136
	2013	3,973	20	41	..	3,952	136
Europe	2010	556,769	4,465	2,375	419	558,440	759
	2011	595,069	5,960	2,851	-2,466	600,644	816
	2012	597,317	6,416	3,858	2,968	596,906	810
	2013	568,443	5,770	4,060	85	570,068	773
Albania	2010	14	..	..	..	14	5
	2011	7	..	..	..	7	2
	2012	7	..	..	..	7	2
	2013	9	..	..	..	9	3
Austria	2010	..	112	8	0	104	12
	2011	..	112	6	1	105	12
	2012	..	90	0	0	90	11
	2013	..	87	0	0	87	10
Bosnia and Herzegovina	2010	10,985	19	351	-173	10,826	2,823
	2011	12,628	29	488	-443	12,612	3,291
	2012	12,195	20	508	79	11,628	3,037
	2013	11,765	15	370	-94	11,504	3,009
Bulgaria	2010	29,379	..	43	-109	29,445	3,975
	2011	37,110	..	86	28	36,996	5,030
	2012	33,412	..	91	351	32,970	4,514
	2013	28,615	..	80	-184	28,719	3,960
Croatia	2010	..	87	..	0	87	20
	2011	..	76	..	0	76	18
	2012	..	46	..	-4	50	12
	2013	..	54	..	-2	56	13
Czech Republic	2010	43,774	58	1,056	-596	43,372	4,128
	2011	46,639	76	1,144	1,200	44,371	4,212
	2012	43,533	338	1,203	230	42,438	4,024
	2013	40,385	312	1,111	650	38,936	3,692
Estonia	2010	17,933	..	..	44	17,889	13,429
	2011	18,734	..	..	-5	18,739	14,110
	2012	18,796	..	..	1,270	17,526	13,237
	2013	20,511	..	..	25	20,486	15,519
France	2010	..	52	..	..	52	1
	2011	..	82	..	..	82	1
	2012	..	76	..	..	76	1
	2013	..	146	..	..	146	2
Germany	2010	169,403	0	0	-340	169,743	2,110
	2011	176,502	0	5	193	176,304	2,192
	2012	185,432	0	276	-20	185,176	2,301
	2013	182,696	18	179	44	182,491	2,265
Greece	2010	56,520	34	0	-1,150	57,704	5,163
	2011	58,666	111	10	-1,211	59,978	5,378
	2012	62,956	137	18	1,165	61,910	5,573
	2013	53,924	97	17	-382	54,386	4,920
Hungary	2010	9,113	292	3	200	9,202	919
	2011	9,555	317	7	-79	9,944	996
	2012	9,290	299	75	-388	9,902	994
	2013	9,558	256	231	-338	9,921	1,000

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
Italy	2010	..	400	..	..	400	7
	2011	..	210	..	..	210	4
	2012	..	439	..	..	439	7
	2013	..	500	..	..	500	8
Lithuania	2010	..	144	18	-30	156	50
	2011	..	40	6	3	31	10
	2012	..	1	0	-15	16	5
	2013	..	4	0	0	4	1
Montenegro	2010	1,938	0	69	..	1,869	3,005
	2011	1,973	9	53	..	1,929	3,097
	2012	1,786	1	55	..	1,732	2,776
	2013	1,692	3	23	..	1,672	2,677
Netherlands	2010	..	29	4	-5	30	2
	2011	..	18	3	-23	38	2
	2012	..	38	0	-2	40	2
	2013	..	48	0	17	31	2
Poland	2010	56,510	24	115	-174	56,593	1,467
	2011	62,841	76	145	64	62,708	1,625
	2012	64,280	147	134	138	64,155	1,662
	2013	65,849	195	218	-108	65,934	1,707
Romania	2010	31,127	741	27	428	31,413	1,548
	2011	35,512	692	1	-1,606	37,809	1,880
	2012	33,945	1,023	17	134	34,817	1,746
	2013	24,721	867	1	-80	25,667	1,297
Russian Federation	2010	76,121	681	526	0	76,276	533
	2011	76,352	2,048	831	0	77,569	542
	2012	77,299	1,673	1,422	0	77,550	541
	2013	73,680	1,530	1,775	123	73,312	511
Serbia	2010	37,976	324	114	654	37,532	4,143
	2011	41,105	635	34	-371	42,077	4,663
	2012	38,234	479	26	73	38,614	4,299
	2013	40,297	306	53	230	40,320	4,511
Slovakia	2010	2,378	613	..	-60	3,051	564
	2011	2,376	602	..	-173	3,151	582
	2012	2,292	675	..	21	2,946	544
	2013	2,353	437	..	60	2,730	504
Slovenia	2010	4,430	548	..	84	4,894	2,384
	2011	4,501	503	..	-3	5,007	2,432
	2012	4,278	604	..	-52	4,934	2,392
	2013	3,876	532	..	-33	4,441	2,151
Spain	2010	2,444	..	..	1,659	785	17
	2011	2,359	..	..	-450	2,809	60
	2012	2,271	..	..	80	2,191	47
	2013	1,826	..	..	153	1,673	36
Switzerland	2010	..	66	..	4	62	8
	2011	..	72	..	3	69	9
	2012	..	53	..	3	50	6
	2013	..	64	..	6	58	7
T.F.Yug.Rep. Macedonia	2010	6,724	236	40	-15	6,935	3,363
	2011	8,209	252	32	406	8,023	3,884
	2012	7,311	277	33	-95	7,650	3,697
	2013	6,686	299	2	-2	6,985	3,370

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
Ukraine	2010	..	5	1	-2	6	0
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Oceania	2010	119,085	199	0	542	118,742	3,261
	2011	115,358	138	9	21	115,466	3,120
	2012	116,073	138	0	-506	116,717	3,104
	2013	92,466	458	0	115	92,809	2,431
Australia	2010	116,351	..	..	..	116,351	5,250
	2011	112,744	..	..	..	112,744	5,001
	2012	113,423	..	..	..	113,423	4,951
	2013	90,120	..	..	..	90,120	3,873
New Zealand	2010	2,734	199	0	542	2,391	547
	2011	2,614	138	9	21	2,722	618
	2012	2,650	138	0	-506	3,294	743
	2013	2,346	458	0	115	2,689	602

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.

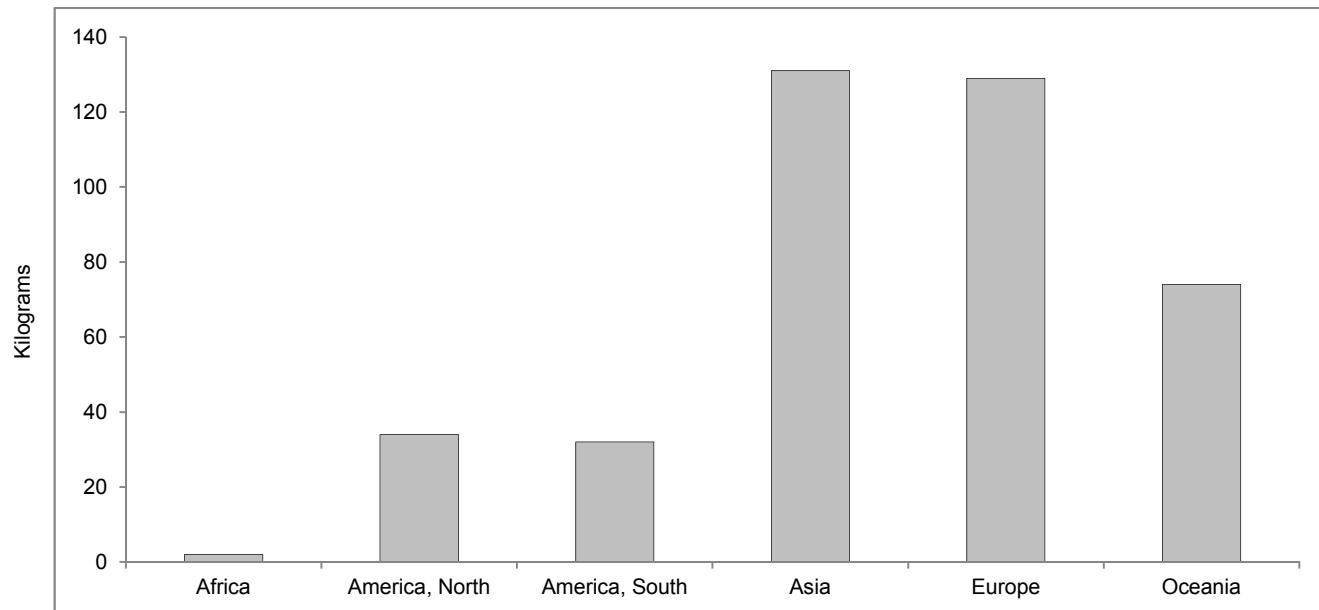
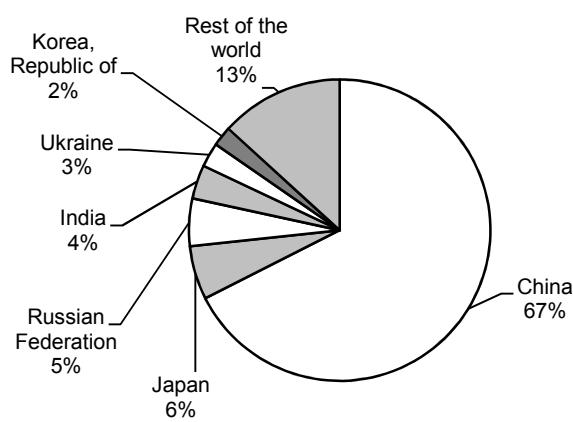
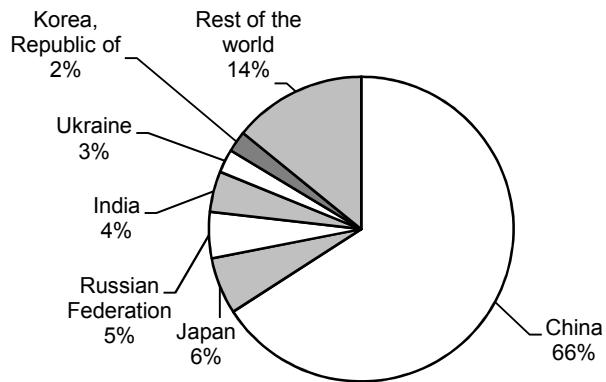
Figure 18: Per capita supply of coke by region, 2013**Figure 19: Major coke producing countries, 2013****Figure 20: Major coke consuming countries, 2013**

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	2010	605,777	26,191	23,521	-3,175	611,623	88
	2011	655,327	23,574	23,394	10,851	644,656	92
	2012	654,953	22,469	22,946	-11,430	665,906	94
	2013	715,729	25,708	24,650	20,948	695,839	97
Africa	2010	4,108	589	658	-8	4,048	4
	2011	3,201	511	490	-18	3,240	3
	2012	3,172	499	489	-27	3,209	3
	2013	2,846	325	448	-23	2,746	2
Algeria	2010	..	501	..	-8	509	14
	2011	..	438	..	-1	439	12
	2012	..	421	..	-13	434	12
	2013	..	270	..	-34	304	8
Egypt	2010	1,409	47	478	0	978	12
	2011	*843	*28	*290	-17	*598	*7
	2012	*786	*26	*266	-14	*560	*7
	2013	*284	0	214	11	*59	*1
South Africa	2010	2,443	..	..	..	2,443	47
	2011	2,072	..	..	..	2,072	40
	2012	2,070	..	..	..	2,070	39
	2013	2,232	..	..	..	2,232	42
Zambia	2010	..	41	1	..	41	3
	2011	..	45	0	..	45	3
	2012	..	52	2	..	50	3
	2013	..	*55	*3	..	*52	*3
Zimbabwe	2010	256	..	179	..	77	6
	2011	286	..	200	..	86	6
	2012	316	..	221	..	95	7
	2013	330	..	231	..	99	7
America, North	2010	18,557	2,534	1,411	-49	19,729	36
	2011	18,915	2,328	1,233	16	19,994	36
	2012	18,798	2,177	1,304	-34	19,705	35
	2013	18,746	1,234	790	106	19,084	34
Bermuda	2010	..	0	..	..	0	1
	2011	..	0	..	..	0	1
	2012	..	0	..	..	0	1
	2013	..	0	..	..	0	1
Canada	2010	2,720	761	83	-65	3,463	101
	2011	2,804	403	353	46	2,808	81
	2012	2,949	340	420	142	2,727	78
	2013	2,480	317	29	-137	2,905	82
Costa Rica	2010	..	95	..	..	95	21
	2011	..	87	..	..	87	19
	2012	..	94	..	..	94	20
	2013	..	94	..	..	94	20
Cuba	2010	..	7	..	..	7	1
	2011	..	3	..	..	3	0
	2012	..	2	..	..	2	0
	2013	..	*3	..	..	*3	0
Honduras	2010	..	72	..	0	72	10
	2011	..	134	..	-20	154	20
	2012	..	158	..	0	158	20
	2013	..	161	..	0	161	21

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	2010	2,209	391	1	83	2,516	21
	2011	2,122	336	0	-49	2,507	21
	2012	2,085	391	0	-50	2,526	21
	2013	2,368	374	1	0	2,741	22
Panama	2010	..	108	..	..	108	30
	2011	..	79	..	..	79	21
	2012	..	163	..	..	163	43
	2013	..	160	..	..	160	42
United States	2010	13,628	1,101	1,327	-67	13,469	43
	2011	13,989	1,286	880	39	14,356	46
	2012	13,764	1,029	884	-126	14,035	45
	2013	13,898	125	760	243	13,020	41
America, South	2010	12,183	1,861	1,105	126	12,813	32
	2011	13,189	2,189	1,314	-74	14,139	35
	2012	12,826	1,647	1,602	-439	13,311	33
	2013	13,027	1,967	1,980	-53	13,068	32
Argentina	2010	1,168	..	32	6	1,130	27
	2011	1,276	..	35	7	1,234	30
	2012	765	..	53	-25	737	18
	2013	722	..	50	-24	696	16
Brazil	2010	9,189	1,801	..	82	10,908	55
	2011	9,683	2,142	..	-82	11,907	59
	2012	9,683	1,591	..	-328	11,602	57
	2013	9,393	1,896	..	-34	11,323	55
Chile	2010	372	1	..	43	330	19
	2011	563	33	..	0	596	35
	2012	473	55	..	-47	575	33
	2013	451	34	..	26	459	26
Colombia	2010	1,454	..	1,073	0	381	8
	2011	1,667	..	1,279	39	350	8
	2012	1,905	..	1,507	0	399	9
	2013	2,461	..	1,893	17	551	12
Peru	2010	..	59	0	-5	64	2
	2011	..	14	0	-38	52	2
	2012	..	1	42	-39	-2	0
	2013	..	37	37	-38	38	1
Asia	2010	468,500	7,844	5,137	-3,794	475,002	114
	2011	513,704	7,221	5,219	10,362	505,344	120
	2012	516,645	7,769	3,887	-10,926	531,453	125
	2013	579,444	10,315	6,290	20,719	562,750	131
Afghanistan	2010	*48	205	48	..	205	7
	2011	48	205	48	..	205	7
	2012	48	205	48	..	205	7
	2013	*52	*205	*52	..	*205	*7
China	2010	386,578	110	3,350	-3,733	387,071	289
	2011	434,330	116	3,297	10,290	420,859	312
	2012	438,315	76	1,020	-10,767	448,137	331
	2013	483,478	35	4,673	20,340	458,501	337
India	2010	10,839	1,490	729	..	11,600	9
	2011	9,965	2,365	618	..	11,712	9
	2012	9,271	3,007	1,050	..	11,228	9
	2013	26,007	4,171	154	..	30,024	23

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	2010	15	63	..	..	78	0
	2011	*16	*60	..	..	*76	0
	2012	*18	*60	..	..	*78	0
	2013	23	130	..	..	153	1
Iran (Islamic Rep. of)	2010	882	1,198	2	..	2,078	28
	2011	714	1,307	3	..	2,018	27
	2012	543	892	2	..	1,433	19
	2013	997	889	0	..	1,886	24
Japan	2010	43,682	1,014	666	-133	44,163	347
	2011	40,619	845	996	125	40,343	317
	2012	41,244	956	1,481	-145	40,864	321
	2013	41,185	2,163	1,214	95	42,039	331
Jordan	2010	..	0	..	..	0	0
	2011	..	0	..	..	0	0
	2012	..	0	..	..	0	0
	2013	..	159	..	..	159	22
Kazakhstan	2010	2,527	793	96	60	3,164	194
	2011	2,663	785	20	-33	3,461	209
	2012	2,569	918	27	51	3,409	203
	2013	2,379	827	23	3	3,180	186
Korea, Dem.Ppl's.Rep.	2010	..	209	..	..	209	9
	2011	..	200	..	..	200	8
	2012	..	200	..	..	200	8
	2013	..	196	..	..	196	8
Korea, Republic of	2010	14,007	629	..	..	14,636	298
	2011	15,807	406	..	..	16,213	328
	2012	15,229	367	..	..	15,596	314
	2013	15,246	364	..	..	15,610	313
Other Asia	2010	5,348	1,373	117	80	6,524	281
	2011	5,446	103	100	-20	5,469	235
	2012	5,152	235	114	-33	5,306	228
	2013	5,678	175	14	155	5,684	244
Pakistan	2010	300	..	..	..	300	2
	2011	193	..	..	..	193	1
	2012	*185	..	..	..	*185	*1
	2013	193	..	..	..	193	1
Philippines	2010	..	*215	..	..	*215	*2
	2011	..	*246	..	..	*246	*3
	2012	..	*262	..	..	*262	*3
	2013	..	*262	..	..	*262	*3
Singapore	2010	..	11	0	..	11	2
	2011	..	4	0	..	4	1
	2012	..	0	0	..	0	0
	2013	..	0	0	..	0	0
Syrian Arab Republic	2010	..	4	..	..	4	0
	2011	..	4	..	..	4	0
	2012	..	1	..	..	1	0
	2013	..	1	..	..	1	0
Thailand	2010	..	209	..	-61	270	4
	2011	..	108	..	0	108	2
	2012	..	36	..	0	36	1
	2013	..	38	..	0	38	1

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
Turkey	2010	4,274	173	0	-7	4,454	62
	2011	3,903	309	0	0	4,212	57
	2012	4,072	378	0	-32	4,482	60
	2013	4,205	531	8	126	4,602	60
United Arab Emirates	2010	..	7	0	..	7	1
	2011	..	8	0	..	8	1
	2012	..	16	1	..	16	2
	2013	..	2	0	..	2	0
Viet Nam	2010	..	142	129	..	13	0
	2011	..	151	137	..	14	0
	2012	..	159	144	..	15	0
	2013	..	168	152	..	16	0
Europe	2010	99,064	13,348	15,210	446	96,756	132
	2011	102,513	11,270	15,138	473	98,172	133
	2012	100,078	10,341	15,066	-4	95,356	129
	2013	98,195	11,826	14,446	200	95,375	129
Austria	2010	1,438	1,254	3	80	2,609	311
	2011	1,404	1,140	0	-78	2,622	311
	2012	1,396	1,202	0	24	2,574	304
	2013	1,395	1,302	1	-10	2,706	319
Belarus	2010	..	76	..	5	71	7
	2011	..	83	..	1	82	9
	2012	..	90	..	4	86	9
	2013	..	81	..	-4	85	9
Belgium	2010	2,005	60	441	-135	1,759	161
	2011	1,991	59	334	-71	1,787	162
	2012	1,906	58	560	37	1,367	123
	2013	1,746	69	354	73	1,388	124
Bosnia and Herzegovina	2010	920	6	522	1	403	105
	2011	887	18	442	36	427	111
	2012	700	0	199	48	453	118
	2013	759	22	279	37	465	122
Bulgaria	2010	2	69	1	-5	75	10
	2011	0	62	0	-6	68	9
	2012	0	66	0	1	65	9
	2013	0	71	0	0	71	10
Croatia	2010	..	28	1	0	27	6
	2011	..	27	1	-2	28	7
	2012	..	29	1	0	28	7
	2013	..	27	1	1	25	6
Czech Republic	2010	2,743	1,161	885	-54	3,073	292
	2011	2,791	817	536	-105	3,177	302
	2012	2,677	708	484	71	2,830	268
	2013	2,682	733	466	8	2,941	279
Denmark	2010	..	22	..	-1	23	4
	2011	..	21	..	-3	24	4
	2012	..	21	..	0	21	4
	2013	..	19	..	0	19	3
Estonia	2010	22	..	21	1	0	0
	2011	24	..	25	-1	0	0
	2012	25	..	23	2	0	0
	2013	22	..	20	-3	5	4

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
Finland	2010	833	441	5	-7	1,276	238
	2011	854	444	6	44	1,248	231
	2012	894	320	46	22	1,146	211
	2013	909	373	70	31	1,181	217
France	2010	3,219	1,270	122	65	4,302	68
	2011	3,017	1,209	87	7	4,132	65
	2012	3,285	933	72	217	3,929	62
	2013	3,415	826	12	222	4,007	63
Germany	2010	8,150	4,310	189	-28	12,299	153
	2011	7,990	3,713	177	20	11,506	143
	2012	8,050	3,254	218	-121	11,207	139
	2013	8,273	3,489	302	-71	11,531	143
Greece	2010	..	1	..	..	1	0
	2011	..	0	..	..	0	0
	2012	..	0	..	..	0	0
	2013	..	0	..	..	0	0
Hungary	2010	1,082	10	364	-27	755	75
	2011	1,119	9	372	-1	757	76
	2012	1,086	7	369	-3	727	73
	2013	978	9	546	40	401	40
Iceland	2010	..	25	..	-5	30	94
	2011	..	23	..	-9	32	100
	2012	..	43	..	8	35	108
	2013	..	27	..	0	27	83
Italy	2010	4,110	18	303	-113	3,938	66
	2011	4,788	33	273	33	4,515	76
	2012	4,184	0	254	-19	3,949	66
	2013	2,651	929	246	127	3,207	54
Latvia	2010	..	3	..	0	3	1
	2011	..	3	..	0	3	1
	2012	..	6	..	0	6	3
	2013	..	1	..	-1	2	1
Lithuania	2010	..	16	..	..	16	5
	2011	..	18	..	..	18	6
	2012	..	19	..	..	19	6
	2013	..	19	..	..	19	6
Luxembourg	2010	..	1	..	..	1	2
	2011	..	1	..	..	1	2
	2012	..	1	..	..	1	2
	2013	..	1	..	..	1	2
Netherlands	2010	2,131	355	160	-19	2,345	141
	2011	2,112	239	42	-30	2,339	140
	2012	1,979	252	21	-82	2,292	137
	2013	2,071	144	279	-205	2,141	127
Norway	2010	..	434	4	5	425	87
	2011	..	455	0	-19	474	96
	2012	..	469	2	8	459	91
	2013	..	417	1	-5	421	83
Poland	2010	10,281	138	6,762	459	3,198	83
	2011	9,782	148	6,860	56	3,014	78
	2012	9,269	148	6,769	22	2,626	68
	2013	9,754	182	6,969	-79	3,046	79

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
Portugal	2010	..	3	..	0	3	0
	2011	..	3	..	0	3	0
	2012	..	1	..	0	1	0
	2013	..	0	..	-1	1	0
Republic of Moldova	2010	..	4	..	..	4	1
	2011	..	0	..	..	0	0
	2012	..	1	..	..	1	0
	2013	..	0	..	..	0	0
Romania	2010	2	1,081	5	73	1,005	50
	2011	0	802	0	-110	912	45
	2012	0	747	0	-29	776	39
	2013	0	716	0	-24	740	37
Russian Federation	2010	33,450	196	2,295	..	31,351	219
	2011	36,112	160	2,530	..	33,742	236
	2012	36,404	563	2,361	..	34,606	242
	2013	36,449	162	2,522	..	34,089	238
Serbia	2010	..	792	15	-11	788	87
	2011	..	640	0	0	640	71
	2012	..	167	1	12	154	17
	2013	..	184	0	-16	200	22
Slovakia	2010	1,715	610	381	-134	2,078	384
	2011	1,680	468	236	35	1,877	347
	2012	1,620	218	106	58	1,674	309
	2013	1,596	161	115	-79	1,721	318
Slovenia	2010	..	29	..	-4	33	16
	2011	..	31	..	-4	35	17
	2012	..	30	..	-5	35	17
	2013	..	31	..	-6	37	18
Spain	2010	2,131	204	370	44	1,921	41
	2011	2,052	165	374	51	1,792	38
	2012	1,807	168	461	-208	1,722	37
	2013	1,826	190	168	-1	1,849	40
Sweden	2010	1,197	247	33	-13	1,424	152
	2011	1,223	214	25	89	1,323	140
	2012	1,115	92	22	22	1,163	122
	2013	1,079	98	26	3	1,148	119
Switzerland	2010	..	18	..	..	18	2
	2011	..	20	..	..	20	3
	2012	..	21	..	..	21	3
	2013	..	19	..	..	19	2
T.F.Yug.Rep. Macedonia	2010	..	27	1	0	26	13
	2011	..	42	0	1	41	20
	2012	..	14	0	0	13	6
	2013	..	3	0	0	3	1
Ukraine	2010	19,445	326	1,844	40	17,887	392
	2011	20,473	177	2,351	11	18,288	402
	2012	19,788	501	2,577	-7	17,719	391
	2013	18,631	702	1,982	58	17,293	383
United Kingdom	2010	4,188	113	483	229	3,589	57
	2011	4,214	26	467	528	3,245	51
	2012	3,893	192	520	-86	3,651	57
	2013	3,959	819	87	105	4,586	72

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
Oceania	2010	3,365	14	0	104	3,275	90
	2011	3,805	55	0	92	3,768	102
	2012	3,433	37	598	0	2,872	76
	2013	3,471	41	696	0	2,816	74
Australia	2010	2,907	14	0	104	2,817	127
	2011	3,327	55	0	92	3,290	146
	2012	2,947	37	598	0	2,386	104
	2013	2,980	41	696	0	2,325	100
New Zealand	2010	458	..	..	..	458	105
	2011	478	..	..	..	478	109
	2012	486	..	..	..	486	110
	2013	491	..	..	..	491	110

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.

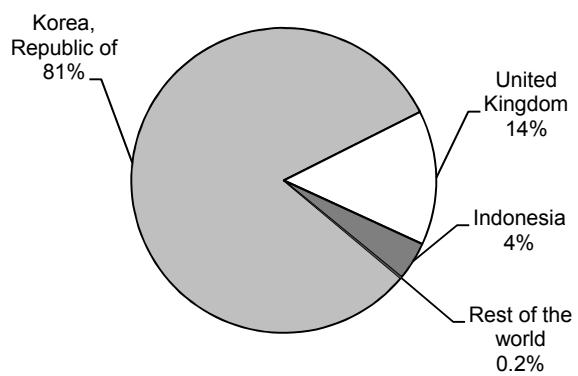
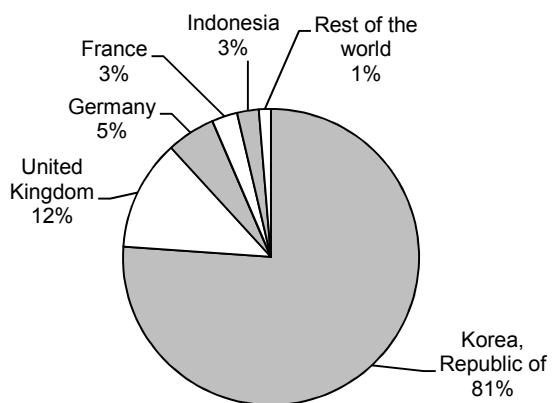
Figure 21: Major patent fuel producing countries, 2013**Figure 22: Major patent fuel consuming countries, 2013**

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	2010	2,332	506	52	56	2,730	0
	2011	2,276	434	65	90	2,555	0
	2012	2,260	283	49	61	2,433	0
	2013	2,353	276	177	-64	2,516	0
Africa	2010	2	..	..	..	2	0
	2011	5	..	..	..	5	0
	2012	4	..	..	..	4	0
	2013	3	..	..	..	3	0
Niger	2010	*2	..	..	..	*2	0
	2011	*5	..	..	..	*5	0
	2012	*4	..	..	..	*4	0
	2013	*3	..	..	..	*3	0
America, North	2010	0	2	..	0	2	0
	2011	0	2	..	0	2	0
	2012	0	2	..	0	2	0
	2013	0	2	..	0	2	0
Bahamas	2010	..	*2	..	..	*2	*6
	2011	..	*2	..	..	*2	*5
	2012	..	*2	..	..	*2	*5
	2013	..	*2	..	..	*2	*5
Asia	2010	2,009	2	0	73	1,938	0
	2011	1,977	0	0	73	1,904	0
	2012	1,998	0	0	73	1,925	0
	2013	2,014	3	135	-96	1,978	0
Armenia	2010	..	2	..	..	2	1
	2011	..	0	..	..	0	0
	2012	..	0	..	..	0	0
	2013	..	0	..	..	0	0
Indonesia	2010	*150	0	0	*73	*77	0
	2011	*155	0	0	*73	*82	0
	2012	*165	0	0	*73	*92	0
	2013	96	3	135	*-96	60	0
Korea, Republic of	2010	1,859	..	..	..	1,859	38
	2011	1,822	..	..	..	1,822	37
	2012	1,833	..	..	..	1,833	37
	2013	1,917	..	..	..	1,917	38
Kyrgyzstan	2010	0	..	..	..	0	0
	2011	0	..	..	..	0	0
	2012	0	..	..	..	0	0
	2013	1	..	..	..	1	0
Europe	2010	321	502	52	-17	788	1
	2011	294	432	65	17	644	1
	2012	258	281	49	-12	502	1
	2013	336	271	42	32	533	1
Austria	2010	..	13	..	0	13	2
	2011	..	0	..	0	0	0
	2012	..	7	..	0	7	1
	2013	..	13	..	13	0	0
Belgium	2010	..	10	7	0	3	0
	2011	..	23	19	2	2	0
	2012	..	13	13	-2	2	0
	2013	..	14	9	3	2	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
France	2010	..	104	4	..	100	2
	2011	..	81	0	..	81	1
	2012	..	89	0	..	89	1
	2013	..	70	0	..	70	1
Germany	2010	..	345	1	..	344	4
	2011	..	275	1	..	274	3
	2012	..	133	1	..	132	2
	2013	..	135	1	..	134	2
Hungary	2010	0	..	..	-3	3	0
	2011	5	..	..	2	3	0
	2012	0	..	..	-3	3	0
	2013	0	..	..	-1	1	0
Netherlands	2010	..	0	..	..	0	0
	2011	..	0	..	..	0	0
	2012	..	1	1	..	0	0
	2013	..	0	0	..	0	0
Poland	2010	..	9	1	..	8	0
	2011	..	20	13	..	7	0
	2012	..	12	2	..	10	0
	2013	..	12	2	..	10	0
Russian Federation	2010	3	..	3	..	0	0
	2011	0	..	0	..	0	0
	2012	0	..	0	..	0	0
	2013	0	..	0	..	0	0
Serbia	2010	..	2	..	..	2	0
	2011	..	0	..	..	0	0
	2012	..	0	..	..	0	0
	2013	..	0	..	..	0	0
Slovakia	2010	..	9	..	..	9	2
	2011	..	12	..	..	12	2
	2012	..	11	..	..	11	2
	2013	..	12	..	..	12	2
United Kingdom	2010	318	10	35	-13	306	5
	2011	289	21	32	13	265	4
	2012	258	15	32	-7	248	4
	2013	336	15	30	17	304	5

Table 10**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.

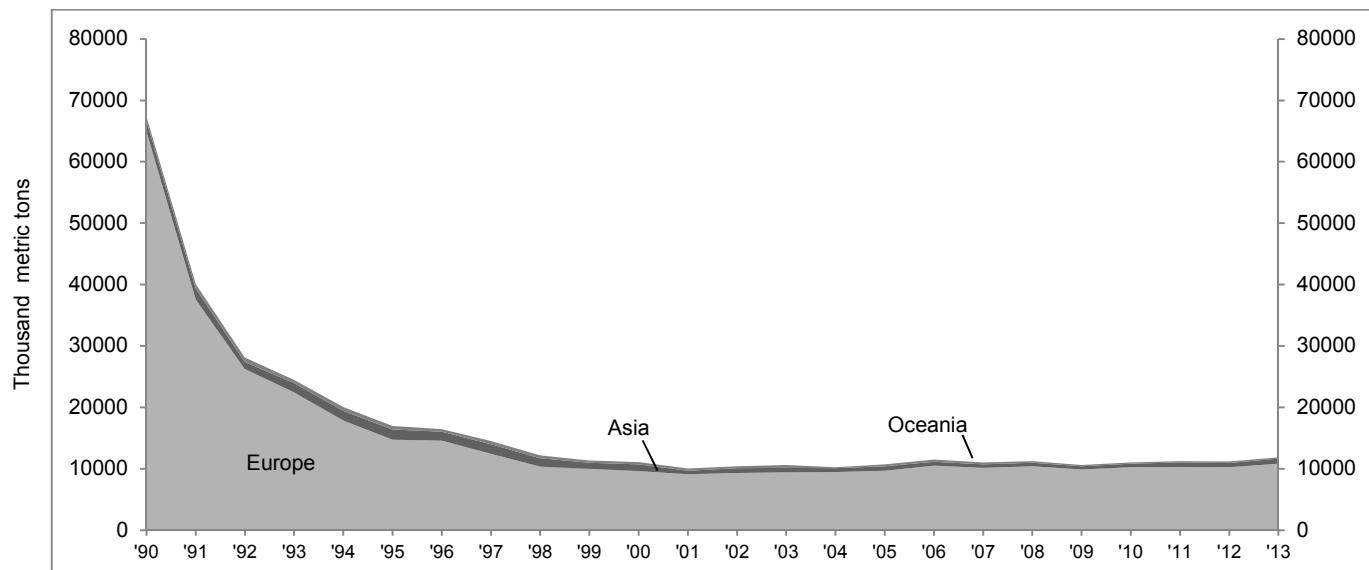
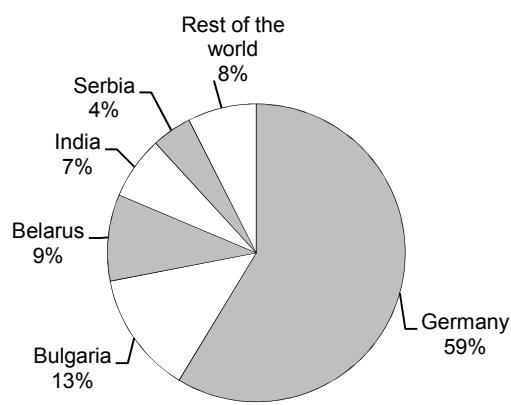
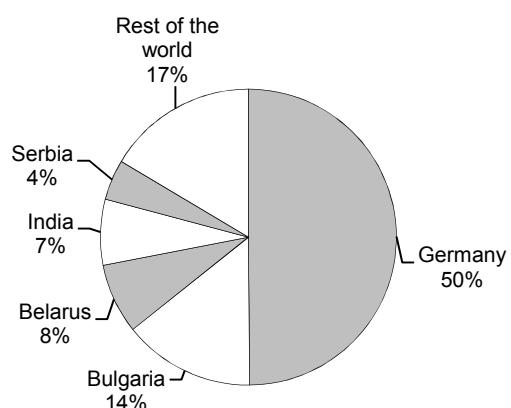
Figure 23: Production by region of BKB and peat products, 1990-2013**Figure 24: Major BKB and peat products producing countries, 2013****Figure 25: Major BKB and peat products consuming countries, 2013**

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	2010	11,030	970	1,832	8	10,160	1
	2011	11,252	1,140	1,918	-24	10,498	1
	2012	11,167	1,190	1,965	83	10,309	1
	2013	11,881	1,213	1,871	-54	11,277	2
America, North	2010	..	0	..	..	0	0
	2011	..	0	..	..	0	0
	2012	..	0	..	..	0	0
	2013	..	4	..	..	4	0
Mexico	2010	..	0	..	..	0	0
	2011	..	0	..	..	0	0
	2012	..	0	..	..	0	0
	2013	..	4	..	..	4	0
Asia	2010	575	0	0	..	575	0
	2011	745	0	0	..	745	0
	2012	669	0	0	..	669	0
	2013	811	0	0	..	811	0
India	2010	575	..	..	..	575	0
	2011	745	..	..	..	745	1
	2012	669	..	..	..	669	1
	2013	811	..	..	..	811	1
Europe	2010	10,265	970	1,832	49	9,354	13
	2011	10,294	1,140	1,918	-3	9,519	13
	2012	10,270	1,190	1,965	125	9,370	13
	2013	10,846	1,206	1,871	-9	10,190	14
Albania	2010	..	234	..	..	234	81
	2011	..	297	..	..	297	103
	2012	..	348	..	..	348	121
	2013	..	304	..	..	304	105
Austria	2010	..	37	0	7	30	4
	2011	..	20	1	-8	27	3
	2012	..	23	1	0	22	3
	2013	..	22	0	0	22	3
Belarus	2010	1,317	..	386	31	900	95
	2011	1,362	..	339	97	926	98
	2012	1,392	..	393	74	925	97
	2013	1,117	..	166	85	866	91
Belgium	2010	..	298	23	5	270	25
	2011	..	433	90	0	343	31
	2012	..	402	93	-2	311	28
	2013	..	410	82	-1	329	29
Bulgaria	2010	1,356	..	..	-39	1,395	188
	2011	856	..	..	39	817	111
	2012	995	..	..	2	993	136
	2013	1,576	..	..	-47	1,623	224
Czech Republic	2010	145	149	71	3	220	21
	2011	0	162	8	3	151	14
	2012	0	173	11	-3	165	16
	2013	0	159	18	0	141	13
Denmark	2010	..	2	..	..	2	0
	2011	..	1	..	..	1	0
	2012	..	1	..	..	1	0
	2013	..	1	..	..	1	0

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
Estonia	2010	84	..	64	9	11	8
	2011	75	..	78	-16	13	10
	2012	52	..	41	-2	13	10
	2013	56	..	53	-10	13	10
Finland	2010	25	..	2	..	23	4
	2011	46	..	0	..	46	9
	2012	28	..	0	..	28	5
	2013	18	..	0	..	18	3
Germany	2010	6,253	104	1,251	-5	5,111	64
	2011	6,922	83	1,372	-137	5,770	72
	2012	6,786	58	1,392	5	5,447	68
	2013	6,973	73	1,460	-39	5,625	70
Hungary	2010	..	14	..	..	14	1
	2011	..	11	..	..	11	1
	2012	..	7	..	..	7	1
	2013	..	6	..	..	6	1
Ireland	2010	238	22	24	18	218	47
	2011	192	22	22	15	177	38
	2012	197	25	21	-19	220	47
	2013	240	46	20	37	229	49
Lithuania	2010	6	52	0	3	55	18
	2011	7	68	2	12	61	20
	2012	5	76	13	-5	73	24
	2013	7	86	8	9	76	26
Luxembourg	2010	..	10	..	..	10	20
	2011	..	9	..	..	9	17
	2012	..	9	..	..	9	17
	2013	..	4	..	..	4	7
Poland	2010	..	5	1	..	4	0
	2011	..	16	4	..	12	0
	2012	..	10	0	..	10	0
	2013	..	37	0	..	37	1
Russian Federation	2010	39	..	1	-3	41	0
	2011	42	..	1	0	41	0
	2012	82	..	0	0	82	1
	2013	74	..	2	0	72	1
Serbia	2010	557	9	9	19	538	59
	2011	568	9	1	-7	583	65
	2012	519	18	0	59	478	53
	2013	516	7	62	-35	496	55
Slovakia	2010	..	34	..	2	32	6
	2011	..	9	..	0	9	2
	2012	..	40	..	16	24	4
	2013	..	51	..	-12	63	12
Ukraine	2010	245	..	..	-1	246	5
	2011	224	..	..	-1	225	5
	2012	214	..	..	0	214	5
	2013	269	..	..	4	265	6
Oceania	2010	190	0	0	-41	231	6
	2011	213	0	0	-21	234	6
	2012	228	0	0	-42	270	7
	2013	224	2	0	-45	271	7

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
Australia	2010	190	..	..	-41	231	10
	2011	213	..	..	-21	234	10
	2012	228	..	..	-42	270	12
	2013	224	..	..	-45	269	12
Fiji	2010	..	0	0	..	0	0
	2011	..	0	0	..	0	0
	2012	..	0	0	..	0	0
	2013	..	2	0	..	2	3

Table 11**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.

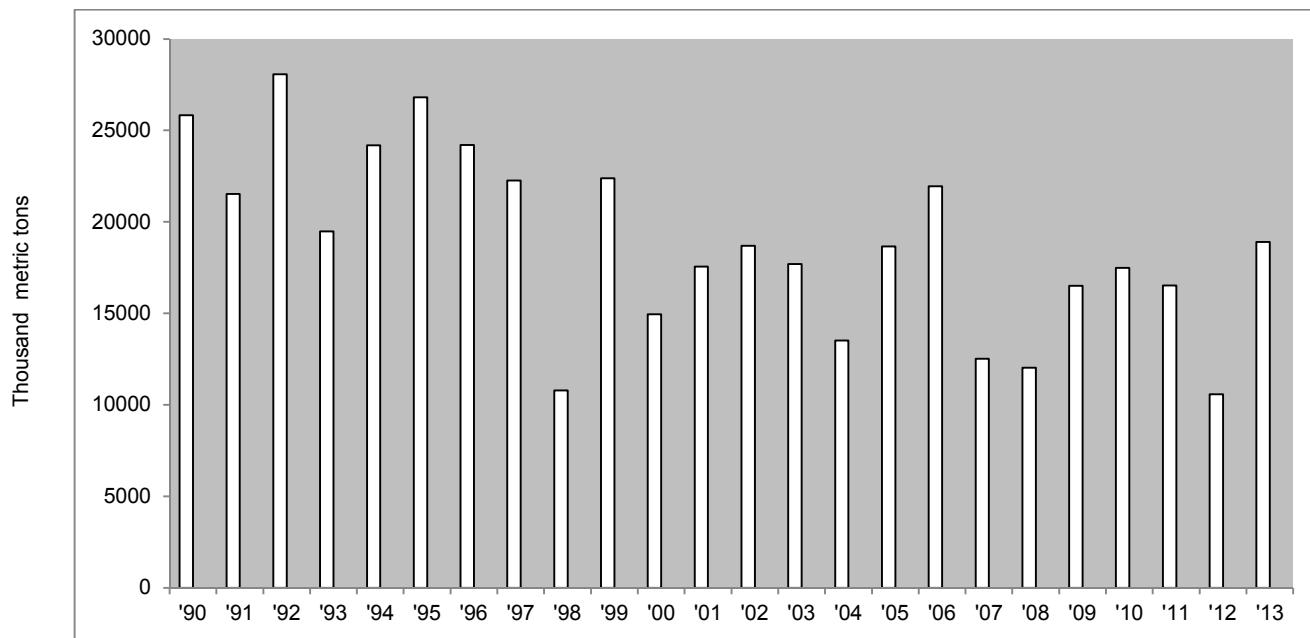
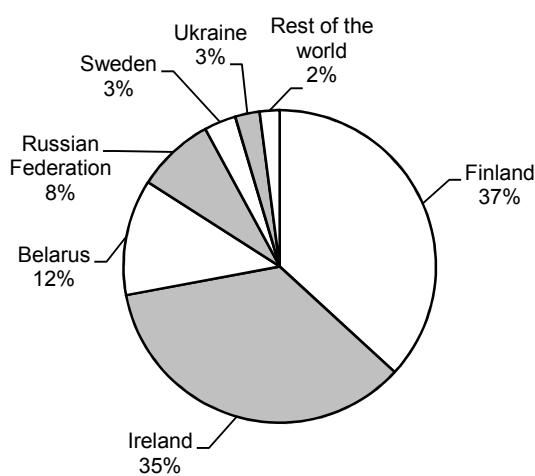
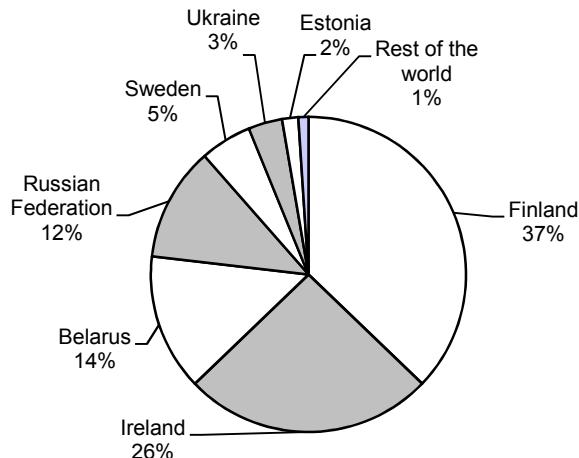
Figure 26: World production of peat, 1990-2013**Figure 27: Major peat producing countries, 2013****Figure 28: Major peat consuming countries, 2013**

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	2010	17,479	445	227	-1,379	19,076	3
	2011	16,518	556	177	-1,152	18,049	3
	2012	10,575	494	152	-5,056	15,973	2
	2013	18,901	263	133	4,512	14,519	2
Africa	2010	13	..	..	..	13	0
	2011	8	..	..	..	8	0
	2012	20	..	..	..	20	0
	2013	19	..	..	..	19	0
Burundi	2010	13	..	..	..	13	1
	2011	8	..	..	..	8	1
	2012	20	..	..	..	20	2
	2013	19	..	..	..	19	2
America, South	2010	13	..	..	..	13	0
	2011	13	..	..	..	13	0
	2012	13	..	..	..	13	0
	2013	13	..	..	..	13	0
Falkland Is. (Malvinas)	2010	*13	..	..	..	*13	*4,552
	2011	*13	..	..	..	*13	*4,553
	2012	*13	..	..	..	*13	*4,541
	2013	*13	..	..	..	*13	*4,519
Asia	2010	1	3	0	..	4	0
	2011	1	4	1	..	4	0
	2012	1	6	1	..	5	0
	2013	0	5	0	..	5	0
Armenia	2010	*1	0	0	..	*1	0
	2011	*1	0	1	..	0	0
	2012	*1	0	1	..	0	0
	2013	0	1	0	..	0	0
Singapore	2010	..	0	0	..	0	0
	2011	..	1	0	..	1	0
	2012	..	2	0	..	2	0
	2013	..	2	0	..	2	0
Viet Nam	2010	..	3	..	..	3	0
	2011	..	3	..	..	3	0
	2012	..	3	..	..	3	0
	2013	..	*3	..	..	*3	0
Europe	2010	17,452	442	227	-1,379	19,046	26
	2011	16,496	552	176	-1,152	18,024	24
	2012	10,541	488	151	-5,056	15,934	22
	2013	18,869	258	133	4,512	14,482	20
Austria	2010	1	..	..	..	1	0
	2011	1	..	..	..	1	0
	2012	1	..	..	..	1	0
	2013	0	..	..	..	0	0
Belarus	2010	2,352	..	..	-209	2,561	270
	2011	2,823	..	..	247	2,576	272
	2012	2,679	..	..	86	2,593	273
	2013	2,269	..	..	233	2,036	214
Estonia	2010	361	..	81	-73	353	265
	2011	323	..	23	-5	305	230
	2012	166	..	17	-108	257	194
	2013	263	..	13	10	240	182

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
Finland	2010	7,409	7	14	-1,914	9,316	1,736
	2011	6,900	105	5	-1,300	8,300	1,538
	2012	4,091	92	9	-2,300	6,474	1,193
	2013	6,962	39	2	1,600	5,399	990
Ireland	2010	4,992	..	..	945	4,047	876
	2011	3,708	..	..	-94	3,802	817
	2012	1,452	..	..	-2,716	4,168	893
	2013	6,657	..	..	2,938	3,719	796
Latvia	2010	10	0	6	-6	10	5
	2011	1	0	5	-8	4	2
	2012	9	0	13	-7	3	1
	2013	10	4	4	2	8	4
Lithuania	2010	31	..	9	-8	30	10
	2011	42	..	12	-12	42	14
	2012	61	..	13	6	42	14
	2013	84	..	12	4	68	23
Romania	2010	3	37	1	-1	40	2
	2011	1	40	2	0	39	2
	2012	2	0	0	0	2	0
	2013	1	39	2	0	38	2
Russian Federation	2010	1,066	15	66	0	1,015	7
	2011	1,431	18	55	0	1,394	10
	2012	1,162	6	49	0	1,119	8
	2013	1,522	6	50	-222	1,700	12
Sweden	2010	797	365	..	..	1,162	124
	2011	736	360	..	..	1,096	116
	2012	472	363	..	..	835	87
	2013	624	144	..	..	768	80
T.F.Yug.Rep. Macedonia	2010	..	4	0	..	4	2
	2011	..	5	0	..	5	3
	2012	..	4	0	..	4	2
	2013	..	0	0	..	0	0
Ukraine	2010	430	14	50	-113	507	11
	2011	530	24	74	20	460	10
	2012	446	23	50	-17	436	10
	2013	477	26	50	-53	506	11

Table 12**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 bagasse production 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.

Figure 29: Fuelwood production by region, 1990-2013

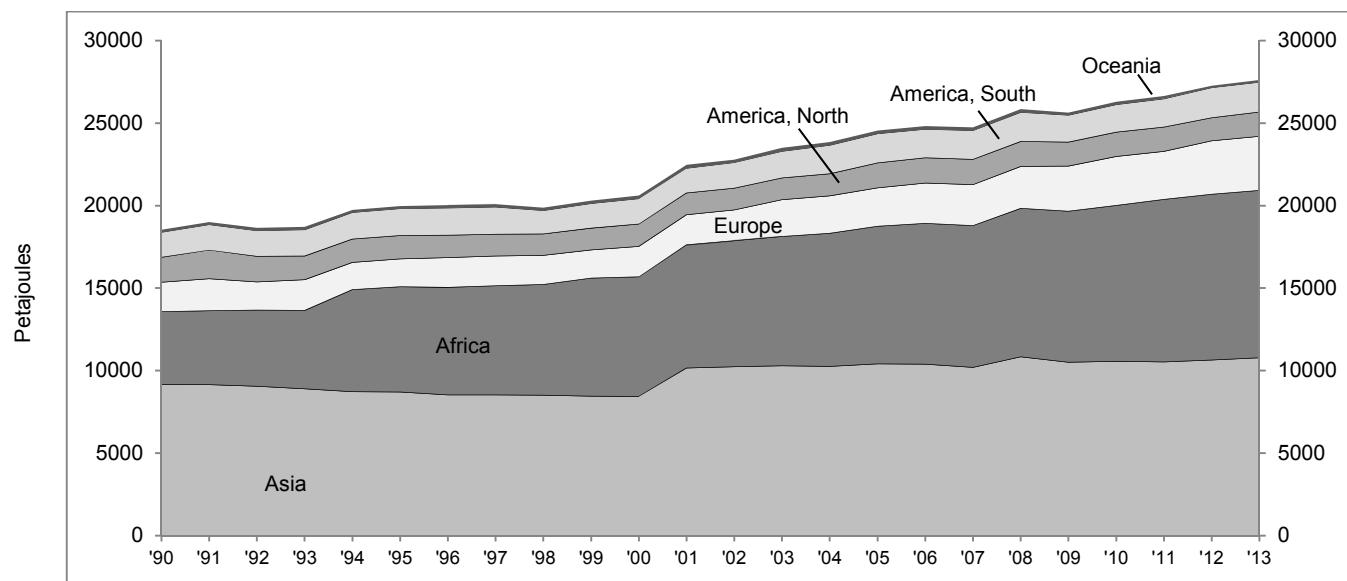


Figure 30: Charcoal production by region, 1990-2013

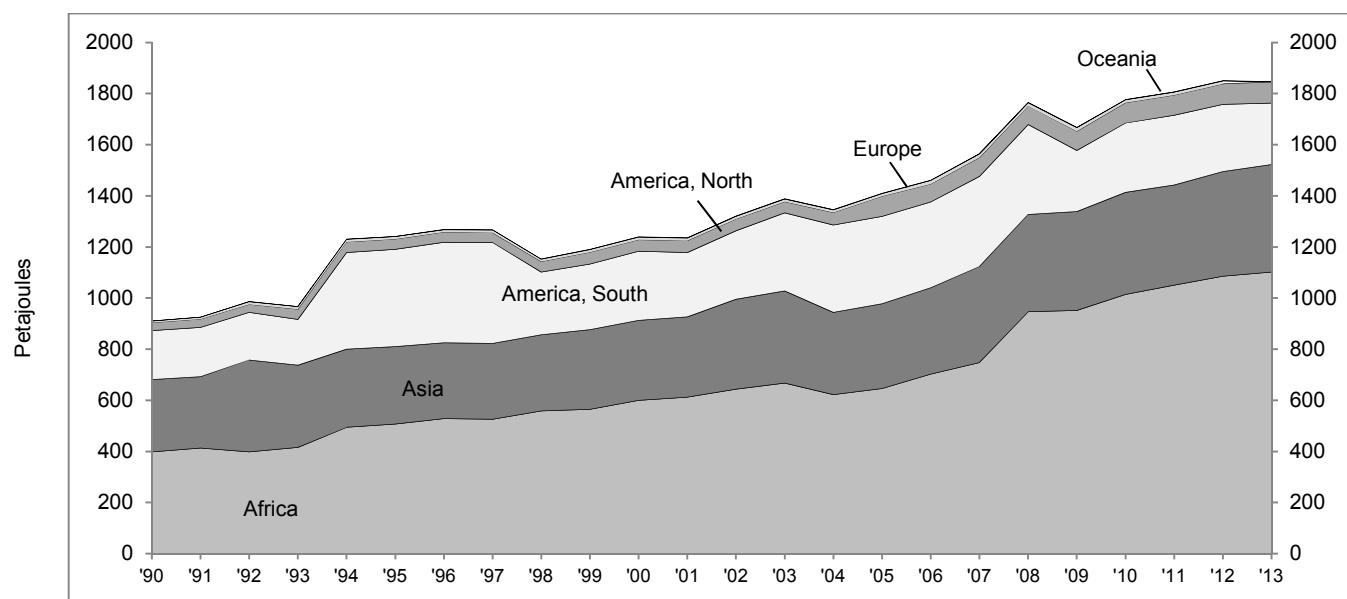


Figure 31: Total solid biofuels production by region, 2013

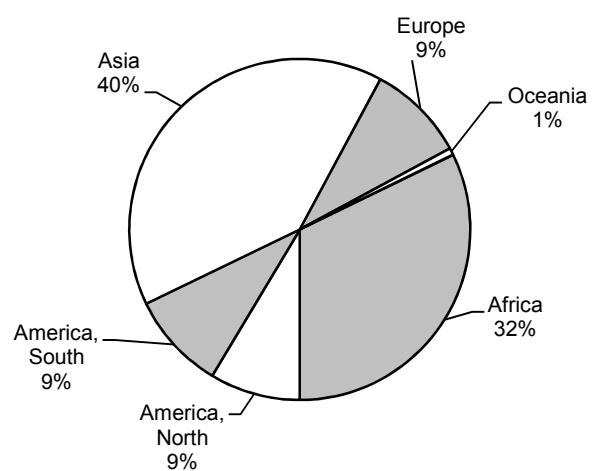


Figure 32: Biogases production by region, 2013

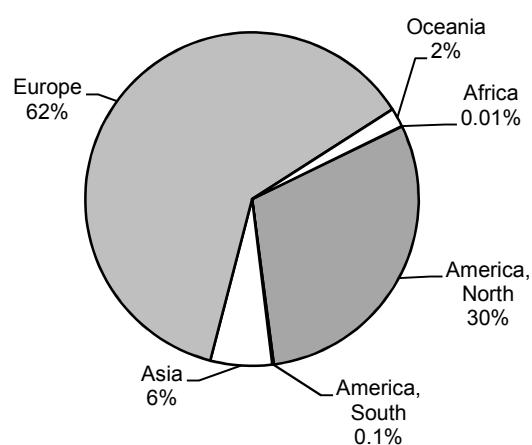


Figure 33: Bagasse production by region, 2013

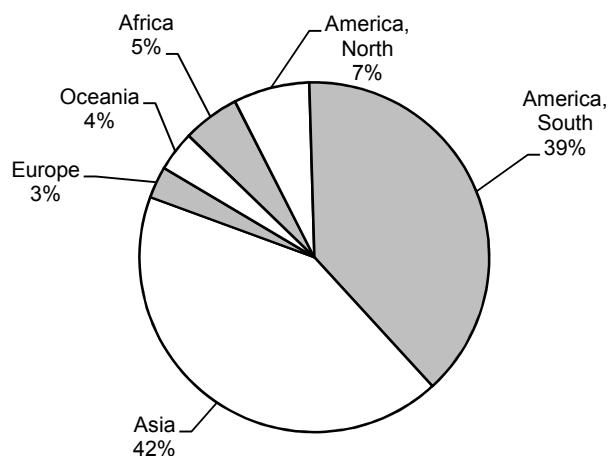


Figure 34: Liquids biofuels production by region, 2013

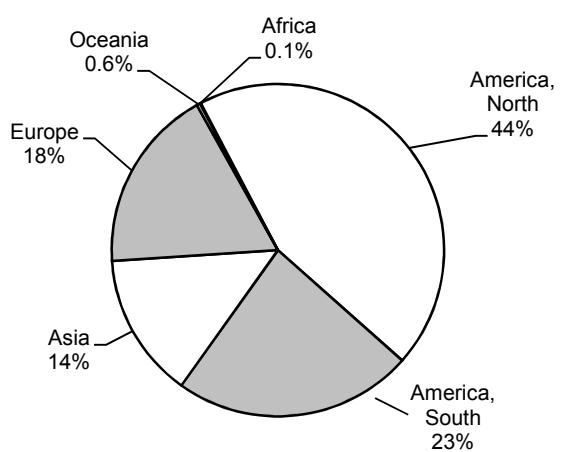


Figure 35: Energy production from wastes by region, 2013

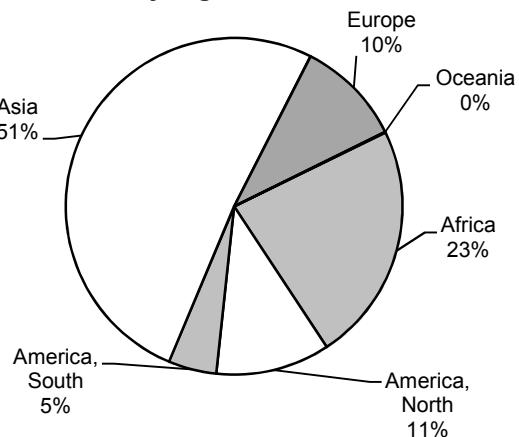


Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
World	2010	26,284,251	634,533	9,193,759	3,072,383	1,636,483	1,776,220
	2011	26,639,457	637,802	9,405,355	3,360,952	1,611,197	1,806,925
	2012	27,268,541	599,109	9,479,627	3,592,684	1,528,372	1,850,291
	2013	27,602,013	663,578	9,787,786	3,766,855	1,698,472	1,858,628
Africa	2010	9,442,540	139,754	2,823,705	194,104	..	1,013,739
	2011	9,842,420	143,324	2,893,660	202,869	..	1,050,384
	2012	10,038,479	146,794	2,964,384	190,549	..	1,085,922
	2013	10,132,401	150,460	3,047,306	198,985	..	1,101,987
Algeria	2010	2,169	..	..	..	..	..
	2011	674	..	..	..	..	..
	2012	652	..	..	..	..	..
	2013	918	..	..	..	..	..
Angola	2010	199,770	..	129,849	..	..	34,899
	2011	206,218	..	134,040	..	..	36,020
	2012	212,768	..	138,298	..	..	37,170
	2013	219,421	..	142,622	..	..	38,321
Benin	2010	85,673	..	375	252	..	7,228
	2011	88,105	..	386	252	..	7,434
	2012	90,546	..	397	252	..	7,641
	2013	92,996	..	408	252	..	7,847
Botswana	2010	6,242	..	..	..	..	2,129
	2011	6,270	..	..	..	..	2,146
	2012	6,299	..	..	..	..	2,164
	2013	6,328	..	..	..	..	2,181
Burkina Faso	2010	116,791	..	..	934	..	17,296
	2011	118,417	..	..	934	..	17,777
	2012	120,080	..	..	934	..	18,275
	2013	121,779	..	..	1,035	..	18,786
Burundi	2010	84,581	..	..	477	..	1,770
	2011	85,842	..	..	521	..	1,770
	2012	52,462	..	..	583	..	1,770
	2013	52,462	..	..	650	..	1,770
Cabo Verde	2010	924	..	..	..	..	19
	2011	946	..	..	..	..	21
	2012	969	..	..	..	..	24
	2013	992	..	..	..	..	26
Cameroon	2010	179,451	..	6,031	..	..	6,313
	2011	183,993	..	6,187	..	..	6,461
	2012	188,724	..	6,347	..	..	6,638
	2013	193,542	..	6,511	..	..	6,785
Central African Rep.	2010	18,270	..	..	..	..	5,671
	2011	18,270	..	..	..	..	5,774
	2012	18,270	..	..	..	..	5,880
	2013	18,270	..	..	..	..	5,988
Chad	2010	64,584	..	..	948	..	11,874
	2011	65,626	..	..	812	..	12,181
	2012	66,686	..	..	806	..	12,493
	2013	67,769	..	..	770	..	12,812
Comoros	2010	2,429	..	..	..	..	1,171
	2011	2,491	..	..	..	..	1,204
	2012	2,556	..	..	..	..	1,236
	2013	2,621	..	..	..	..	1,271
Congo	2010	25,427	..	12,714	..	..	5,369
	2011	37,561	..	18,780	..	..	6,166
	2012	39,381	..	19,691	..	..	5,664
	2013	40,389	..	20,195	..	..	5,812

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
763,091	2,307,805	1,835,838	543,219	628,446	46,899,809
840,124	2,436,375	1,781,196	2,421,927	738,452	49,872,838
858,113	2,562,923	1,773,414	874,046	852,513	49,389,343
844,429	2,726,914	1,924,079	1,007,129	923,147	50,944,401
20,850	..	2,975	..	80	12,624,008
20,850	..	2,975	..	80	13,106,177
20,850	..	3,028	..	121	13,364,207
20,850	..	3,109	..	365	13,553,476
..	2,169
..	674
..	652
..	918
..	329,619
..	340,258
..	351,066
..	362,043
..	86,300
..	88,743
..	91,195
..	93,656
..	6,242
..	6,270
..	6,299
..	6,328
..	117,725
..	119,351
..	121,014
..	122,813
..	85,058
..	86,362
..	53,046
..	53,112
..	924
..	946
..	969
..	992
..	185,482
..	190,180
..	195,071
..	200,053
..	18,270
..	18,270
..	18,270
..	18,270
..	65,533
..	66,437
..	67,491
..	68,539
..	2,429
..	2,491
..	2,556
..	2,621
..	38,141
..	56,341
..	59,072
..	60,584

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	2010	320,643	..	1,487	..	..	31,300
	2011	380,476	..	1,364	..	..	37,554
	2012	392,717	..	1,412	..	..	38,911
	2013	402,199	..	1,446	..	..	39,855
Dem. Rep. of the Congo	2010	764,232	..	15,404	..	..	21,476
	2011	806,022	..	15,835	..	..	22,214
	2012	780,461	..	16,274	..	..	23,010
	2013	801,949	..	16,722	..	..	23,630
Djibouti	2010	3,252	..	..	..	..	1,413
	2011	3,303	..	..	..	..	1,437
	2012	3,355	..	..	..	..	1,460
	2013	3,408	..	..	..	..	1,484
Egypt	2010	159,967	..	32,961	24,523	..	40,112
	2011	160,370	..	33,517	25,429	..	40,480
	2012	160,781	..	34,078	25,429	..	40,849
	2013	161,199	..	34,641	23,286	..	41,223
Equatorial Guinea	2010	4,083	..	..	..	..	266
	2011	4,083	..	..	..	..	266
	2012	4,083	..	..	..	..	280
	2013	4,083	..	..	..	..	289
Eritrea	2010	20,542	2,413	1,366	..	..	3,983
	2011	21,229	2,495	1,412	..	..	4,130
	2012	21,937	2,579	1,459	..	..	4,278
	2013	22,660	2,663	1,507	..	..	4,425
Ethiopia	2010	925,141	131,419	128,816	7,398	..	110,162
	2011	937,337	134,928	132,256	8,108	..	112,885
	2012	949,733	138,376	135,636	6,950	..	115,678
	2013	962,335	141,839	139,031	9,267	..	118,540
Gabon	2010	46,395	..	2,810	..	..	596
	2011	47,528	..	2,879	..	..	608
	2012	48,691	..	2,949	..	..	620
	2013	49,854	..	3,019	..	..	631
Gambia	2010	6,340	..	..	..	..	1,741
	2011	6,422	..	..	..	..	1,779
	2012	6,513	..	..	..	..	1,817
	2013	6,595	..	..	..	..	1,856
Ghana	2010	114,467	..	..	..	..	31,645
	2011	127,881	..	..	..	..	36,391
	2012	143,472	..	..	..	..	41,790
	2013	98,381	..	..	..	..	46,218
Guinea	2010	109,245	..	..	629	..	10,277
	2011	109,713	..	..	629	..	10,502
	2012	110,196	..	..	629	..	10,733
	2013	110,689	..	..	629	..	10,969
Guinea-Bissau	2010	23,751	..	..	..	..	1,890
	2011	24,092	..	..	..	..	1,935
	2012	24,438	..	..	..	..	1,981
	2013	24,788	..	..	..	..	2,027
Kenya	2010	*534,123	..	38,035	14,487	..	173,770
	2011	*555,572	..	27,622	14,765	..	178,283
	2012	*578,693	..	28,378	14,057	..	183,699
	2013	*600,973	..	22,353	15,057	..	188,664
Lesotho	2010	19,109	..	..	..	..	2,850
	2011	19,181	..	..	..	..	2,903
	2012	19,253	..	..	..	..	2,956
	2013	19,326	..	..	..	..	3,009

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	322,130
..	381,840
..	394,129
..	403,645
..	779,636
..	821,857
..	796,735
..	818,671
..	3,252
..	3,303
..	3,355
..	3,408
..	217,451
..	219,316
..	220,288
..	219,126
..	4,083
..	4,083
..	4,083
..	4,083
..	24,321
..	25,136
..	25,975
..	26,830
..	..	161	..	..	1,192,934
..	..	161	..	..	1,212,790
..	..	134	..	..	1,230,829
..	..	161	..	..	1,252,632
..	49,205
..	50,407
..	51,640
..	52,873
..	6,340
..	6,422
..	6,513
..	6,595
..	114,467
..	127,881
..	143,472
..	98,381
..	109,874
..	110,343
..	110,825
..	111,318
..	23,751
..	24,092
..	24,438
..	24,788
..	*586,646
..	*597,959
..	*621,128
..	*638,383
..	19,109
..	19,181
..	19,253
..	19,326

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	2010	64,021	..	..	..	..	6,919
	2011	66,265	..	..	..	..	7,177
	2012	68,588	..	..	..	..	7,445
	2013	70,992	..	..	..	..	7,722
Libya	2010	6,867	..	..	..	..	..
	2011	6,937	..	..	..	..	..
	2012	6,996	..	..	..	..	..
	2013	7,050	..	..	..	..	..
Madagascar	2010	119,669	..	..	2,014	..	35,252
	2011	119,669	..	..	1,762	..	35,252
	2012	119,166	..	..	1,888	..	34,989
	2013	121,733	..	..	1,938	..	36,184
Malawi	2010	49,378	..	..	7,016	..	14,450
	2011	49,928	..	..	7,678	..	14,804
	2012	50,500	..	..	8,056	..	15,167
	2013	51,094	..	..	7,722	..	15,538
Mali	2010	48,653	..	..	805	..	3,929
	2011	49,192	..	..	805	..	4,160
	2012	49,740	..	..	805	..	4,160
	2013	48,637	..	..	805	..	5,065
Mauritania	2010	16,775	..	..	..	..	5,475
	2011	17,148	..	..	..	..	5,623
	2012	17,532	..	..	..	..	5,773
	2013	17,925	..	..	..	..	5,927
Mauritius	2010	183	..	..	10,857	..	*12
	2011	183	..	..	10,525	..	*15
	2012	183	..	..	9,969	..	18
	2013	306	..	..	8,445	..	18
Morocco	2010	61,987	..	..	1,617	..	3,142
	2011	61,769	..	..	1,690	..	3,180
	2012	61,579	..	..	809	..	3,221
	2013	61,390	..	..	1,367	..	3,263
Mozambique	2010	317,443	..	16,669	7,089	..	13,423
	2011	325,576	..	17,096	9,807	..	13,688
	2012	333,814	..	17,529	9,985	..	20,503
	2013	342,172	..	17,968	9,645	..	20,414
Namibia	2010	3,630	..	4,704	..	..	..
	2011	3,695	..	4,788	..	..	..
	2012	3,763	..	4,877	..	..	..
	2013	*3,762	..	*4,877	..	..	..
Niger	2010	50,927	403	484	..	..	1,192
	2011	52,805	432	335	..	..	1,236
	2012	56,570	434	442	..	..	1,325
	2013	58,776	500	378	..	..	1,376
Nigeria	2010	2,053,167	..	2,042,696	755	..	89,356
	2011	2,184,881	..	2,100,060	755	..	102,749
	2012	2,369,125	..	2,159,419	273	..	118,148
	2013	2,338,398	..	2,220,569	273	..	110,419
Réunion	2010	283	..	..	4,191	..	434
	2011	283	..	..	4,082	..	435
	2012	283	..	..	4,095	..	435
	2013	283	..	..	*4,177	..	434
Rwanda	2010	75,096	..	..	151	..	15,774
	2011	*77,355	..	..	226	..	*16,449
	2012	*79,803	..	..	226	..	*16,968
	2013	*82,368	..	..	151	..	*17,865

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	64,021
..	66,265
..	68,588
..	70,992
..	6,867
..	6,937
..	6,996
..	7,050
..	121,682
..	121,431
..	121,054
..	123,671
*20,850	77,243
*20,850	78,456
*20,850	79,406
*20,850	79,666
..	49,458
..	49,997
..	50,545
..	49,443
..	16,775
..	17,148
..	17,532
..	17,925
..	11,040
..	10,708
..	10,152
..	240	8,991
..	63,604
..	63,459
..	62,388
..	62,757
..	341,201
..	352,479
..	361,328
..	369,785
..	8,334
..	8,483
..	8,640
..	*8,639
..	51,814
..	53,572
..	57,446
..	59,654
..	4,096,618
..	4,285,696
..	4,528,817
..	4,559,240
..	80	4,554
..	80	4,445
..	121	4,500
..	*125	*4,585
..	75,247
..	*77,581
..	*80,029
..	*82,520

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Sao Tome and Principe	2010	977	..	..	..	..	260
	2011	987	..	..	..	..	266
	2012	996	..	..	..	..	268
	2013	1,005	..	..	..	..	271
Senegal	2010	80,844	..	870	2,900	..	16,107
	2011	83,078	..	1,195	2,863	..	16,550
	2012	85,358	..	611	3,072	..	16,992
	2013	69,442	..	1,021	2,055	..	14,219
Seychelles	2010	29	..	..	..	..	..
	2011	29	..	..	..	..	..
	2012	29	..	..	..	..	..
	2013	29	..	..	..	..	..
Sierra Leone	2010	50,992	..	..	201	..	11,269
	2011	51,330	..	..	201	..	11,564
	2012	51,704	..	..	201	..	11,830
	2013	52,097	..	..	..	..	12,125
Somalia	2010	123,333	..	..	503	..	33,406
	2011	127,494	..	..	629	..	35,022
	2012	127,494	..	..	629	..	35,022
	2013	124,632	..	..	629	..	35,022
South Africa	2010	541,748	..	81,773	52,095	..	50,062
	2011	549,029	..	82,871	49,874	..	50,829
	2012	556,427	..	83,988	53,334	..	51,596
	2013	565,815	..	85,405	59,232	..	52,392
South Sudan	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	8,064	..	..	..	..	325
	2013	7,826	..	..	..	..	325
St. Helena and Depend.	2010	5	..	..	..	..	..
	2011	5	..	..	..	..	..
	2012	5	..	..	..	..	..
	2013	6	..	..	..	..	..
Sudan	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	336,998	..	38,584	..	..	44,929
	2013	342,035	..	38,429	..	..	45,725
Sudan (former)	2010	413,492	..	46,642	12,803	..	54,929
	2011	421,711	..	46,833	18,101	..	56,552
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Swaziland	2010	9,708	*4,050	..	14,942	..	1,257
	2011	9,847	*4,000	..	15,630	..	1,292
	2012	9,987	*3,950	..	15,390	..	1,325
	2013	10,131	*4,000	..	17,290	..	1,361
Togo	2010	97,714	..	935	..	..	17,730
	2011	100,480	..	955	..	..	18,231
	2012	103,262	..	1,225	..	..	18,733
	2013	105,967	..	1,257	..	..	19,234
Tunisia	2010	33,755	1,469	4,025	..	..	5,635
	2011	33,907	1,469	3,963	..	..	5,753
	2012	34,058	1,455	4,075	..	..	5,871
	2013	34,214	1,458	4,088	..	..	6,018
Uganda	2010	362,078	..	..	*10,811	..	27,478
	2011	380,016	..	..	*10,270	..	17,700
	2012	380,016	..	..	*11,506	..	17,700
	2013	377,138	..	..	*14,278	..	17,700

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	977
..	987
..	996
..	1,005
..	84,614
..	87,136
..	89,041
..	72,518
..	29
..	29
..	29
..	29
..	51,192
..	51,530
..	51,905
..	52,097
..	123,836
..	128,124
..	128,124
..	125,262
..	..	*2,814	..	..	678,430
..	..	*2,814	..	..	684,588
..	..	*2,894	..	..	696,644
..	..	*2,948	..	..	713,400
..
..	8,064
..	7,826
..	5
..	5
..	5
..	6
..
..	375,582
..	380,464
..	472,937
..	486,645
..
..
..	28,700
..	29,476
..	29,327
..	31,421
..	98,649
..	101,435
..	104,487
..	107,224
..	39,249
..	39,338
..	39,588
..	39,759
..	372,889
..	390,286
..	391,522
..	391,417

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	2010	626,112	..	118,926	7,271	..	50,003
	2011	645,439	..	122,578	7,151	..	51,537
	2012	665,915	..	126,790	8,056	..	53,130
	2013	708,344	..	130,691	7,739	..	54,752
Zambia	2010	240,786	..	41,110	..	..	30,769
	2011	248,383	..	42,407	..	..	31,742
	2012	256,417	..	43,779	..	..	32,775
	2013	264,870	..	45,222	..	..	33,866
Zimbabwe	2010	155,288	..	95,023	8,434	..	266
	2011	157,376	..	96,301	9,369	..	266
	2012	160,390	..	98,146	12,615	..	266
	2013	178,036	..	108,946	12,294	..	336
America, North	2010	1,472,507	355,942	705,919	214,604	900,942	79,053
	2011	1,482,111	358,288	711,960	230,040	904,054	79,081
	2012	1,405,916	314,400	644,802	260,491	818,799	79,940
	2013	1,455,521	371,361	761,216	264,388	952,597	82,182
Anguilla	2010	*2	..	..	..	..	..
	2011	*2	..	..	..	..	..
	2012	*2	..	..	..	..	..
	2013	*2	..	..	..	..	..
Aruba	2010	16	..	..	..	..	5
	2011	17	..	..	..	..	5
	2012	17	..	..	..	..	5
	2013	17	..	..	..	..	5
Bahamas	2010	301	..	..	..	..	31
	2011	303	..	..	..	..	32
	2012	304	..	..	..	..	32
	2013	305	..	..	..	..	33
Barbados	2010	46	..	..	1,388	..	9
	2011	45	..	..	857	..	9
	2012	45	..	..	769	..	9
	2013	45	..	..	575	..	9
Belize	2010	830	..	..	2,095	..	21
	2011	830	..	..	*2,443	..	21
	2012	*1,151	..	..	*3,158	..	22
	2013	1,151	..	..	*3,073	..	22
Bermuda	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
British Virgin Islands	2010	12	..	..	..	..	2
	2011	13	..	..	..	..	2
	2012	13	..	..	..	..	2
	2013	13	..	..	..	..	2
Canada	2010	341,109	..	..	..	172,107	..
	2011	340,450	..	..	..	170,418	..
	2012	261,873	..	..	..	175,027	..
	2013	287,969	..	..	..	192,191	..
Costa Rica	2010	17,913	..	4,878	10,772	..	42
	2011	17,163	..	4,965	8,613	..	32
	2012	12,350	..	4,966	9,285	..	36
	2013	12,213	..	4,966	11,061	..	30
Cuba	2010	10,423	..	50	23,375	..	2,006
	2011	11,921	..	13	30,502	..	1,564
	2012	11,062	..	88	30,580	..	974
	2013	11,126	..	*88	28,085	..	3,339

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	..	..	..	..	752,309
..	..	..	..	..	775,168
..	..	..	..	..	800,761
..	..	..	..	..	846,774
..	..	..	..	..	281,896
..	..	..	..	..	290,790
..	..	..	..	..	300,196
..	..	..	..	..	310,092
..	..	..	..	..	258,745
..	..	..	..	..	263,046
..	..	..	..	..	271,151
..	..	..	..	..	299,276
143,593	299,584	1,055,178	52,072	234,592	5,434,932
145,235	302,408	1,118,743	106,941	242,521	5,602,301
143,003	305,379	1,071,007	111,909	277,410	5,353,115
103,672	303,110	1,093,055	203,578	277,689	5,786,187
..	..	..	..	..	*2
..	..	..	..	..	*2
..	..	..	..	..	*2
..	..	..	..	..	*2
..	..	..	..	..	16
..	..	..	..	..	17
..	..	..	..	..	17
..	..	..	..	..	17
..	..	..	..	..	301
..	..	..	..	..	303
..	..	..	..	..	304
..	..	..	..	..	305
..	..	..	..	..	1,434
..	..	..	..	..	902
..	..	..	..	..	814
..	..	..	..	..	620
..	..	..	..	..	2,925
..	..	..	..	..	*3,273
..	..	..	..	..	*4,309
..	..	..	..	..	*4,224
..	*584	..	..	..	*584
..	*560	..	..	..	*560
..	*565	..	..	..	*565
..	*565	..	..	..	*565
..	..	..	..	..	12
..	..	..	..	..	13
..	..	..	..	..	13
..	..	..	..	..	13
4,748	5,229	29,292	4,526	9,920	566,932
5,080	5,229	35,108	3,938	9,921	570,144
5,252	5,465	36,475	3,754	9,921	497,766
5,429	5,384	36,073	4,048	9,921	541,015
..	..	597	..	..	34,160
..	..	632	..	..	31,373
..	..	742	..	..	27,343
..	..	742	..	4	28,986
..	..	393	..	..	34,241
..	..	399	..	..	42,835
..	..	375	..	..	42,104
..	..	374	..	..	39,673

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	2010	69	..	..	..	..	7
	2011	69	..	..	..	..	7
	2012	69	..	..	..	..	7
	2013	69	..	..	..	..	7
Dominican Republic	2010	19,781	..	..	11,385	..	2,902
	2011	19,709	..	..	10,816	..	2,953
	2012	19,570	..	..	11,908	..	2,995
	2013	26,843	..	..	8,866	..	3,045
El Salvador	2010	21,338	..	..	11,250	..	1,475
	2011	21,450	..	..	10,224	..	1,505
	2012	21,458	..	..	12,819	..	1,505
	2013	20,287	..	..	12,347	..	1,505
Greenland	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Grenada	2010	234	..	..	22	..	54
	2011	240	..	..	22	..	57
	2012	235	..	..	22	..	58
	2013	229	..	..	22	..	57
Guadeloupe	2010	137	..	..	..	..	62
	2011	137	..	..	..	..	62
	2012	137	..	..	..	..	62
	2013	137	..	..	..	..	62
Guatemala	2010	180,951	..	..	46,597	..	1,888
	2011	180,951	..	..	72,189	..	1,918
	2012	183,663	..	..	75,799	..	1,977
	2013	183,663	..	..	80,657	..	2,036
Haiti	2010	129,170	..	..	919	..	34,073
	2011	133,606	..	..	970	..	35,430
	2012	137,987	..	..	967	..	36,787
	2013	138,180	..	..	964	..	38,173
Honduras	2010	69,749	..	..	12,459	..	817
	2011	79,543	..	..	11,138	..	538
	2012	81,085	..	..	11,502	..	620
	2013	82,677	..	..	11,864	..	867
Jamaica	2010	2,773	..	..	2,461	..	1,133
	2011	2,773	..	..	3,409	..	1,133
	2012	2,773	..	..	3,357	..	1,133
	2013	2,773	..	..	3,687	..	1,133
Martinique	2010	91	..	..	*175	..	53
	2011	91	..	..	*175	..	53
	2012	91	..	..	*175	..	53
	2013	91	..	..	*175	..	53
Mexico	2010	259,311	..	88,970	..	..	2,242
	2011	253,496	..	90,579	..	..	2,508
	2012	252,826	..	98,021	..	..	2,360
	2013	255,520	..	115,749	..	..	2,183
Neth. Antilles (former)	2010	30	..	..	..	..	8
	2011	*31	..	..	..	..	*8
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Nicaragua	2010	40,988	..	1,834	9,775	..	531
	2011	42,087	..	2,196	9,523	..	502
	2012	42,078	..	2,755	11,670	..	531
	2013	41,933	..	3,794	15,269	..	531

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
..	31,166
..	30,525
..	31,478
..	35,709
..	32,588
..	31,674
..	34,276
..	32,634
..	90	..	..	..	90
..	91	..	..	..	91
..	103	..	..	..	103
..	102	..	..	..	102
..	256
..	262
..	257
..	251
..	137
..	137
..	137
..	137
..	227,548
..	253,140
..	259,462
..	264,320
..	130,089
..	134,576
..	138,954
..	139,144
..	82,208
..	90,681
..	92,587
..	94,541
..	5,234
..	6,183
..	6,130
..	6,460
..	*432	..	..	..	*698
..	*432	..	..	..	*698
..	*432	..	..	..	*698
..	*432	..	..	..	*698
..	1,900	350,181
..	2,154	346,229
..	1,822	352,669
5,945	1,970	379,184
..	30
..	*31
..
..
..	52,597
..	53,806
..	56,503
..	60,996

Table 12**Production of biofuels and wastes**

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Panama	2010	7,373	..	..	3,854	..	44
	2011	7,327	..	..	4,433	..	41
	2012	7,282	..	..	4,666	..	41
	2013	7,236	..	..	5,395	..	38
St. Lucia	2010	90	..	..	..	..	10
	2011	90	..	..	..	..	10
	2012	90	..	..	..	..	10
	2013	90	..	..	..	..	10
St. Vincent-Grenadines	2010	68	..	..	..	..	11
	2011	68	..	..	..	..	11
	2012	68	..	..	..	..	11
	2013	67	..	..	..	..	11
Trinidad and Tobago	2010	300	..	..	..	..	59
	2011	297	..	..	..	..	59
	2012	294	..	..	..	..	59
	2013	291	..	..	..	..	59
Turks and Caicos Islands	2010	9	..	..	..	..	4
	2011	9	..	..	..	..	4
	2012	9	..	..	..	..	4
	2013	10	..	..	..	..	4
United States	2010	369,392	*355,942	*610,187	78,078	*728,835	31,565
	2011	369,392	*358,288	*614,207	64,727	*733,636	30,621
	2012	369,383	*314,400	*538,972	83,816	*643,772	30,651
	2013	382,583	*371,361	*636,619	82,348	*760,406	28,969
America, South	2010	1,667,954	..	526,444	1,413,914	37,602	271,182
	2011	1,711,875	..	611,072	1,326,252	35,291	272,653
	2012	1,809,301	..	640,385	1,379,918	33,035	263,128
	2013	1,812,298	..	647,999	1,456,915	32,644	240,481
Argentina	2010	26,214	..	27,997	38,437	..	11,535
	2011	26,987	..	27,586	40,303	..	11,210
	2012	28,230	..	29,978	40,220	..	11,977
	2013	29,917	..	16,915	47,313	..	10,679
Bolivia (Plur. State of)	2010	21,466	..	4,099	9,289	..	1,062
	2011	21,630	..	4,262	7,980	..	1,062
	2012	21,798	..	4,431	11,001	..	1,062
	2013	21,970	..	4,606	12,084	..	1,062
Brazil	2010	1,058,235	..	424,400	1,238,107	..	217,681
	2011	1,049,520	..	511,647	1,134,709	..	225,262
	2012	1,039,325	..	534,041	1,189,968	..	217,917
	2013	987,722	..	554,035	1,259,722	..	195,143
Chile	2010	204,914	..	..	..	..	7,316
	2011	247,124	..	..	..	..	7,316
	2012	392,646	..	..	..	..	7,287
	2013	428,535	..	..	..	..	7,287
Colombia	2010	64,073	..	11,941	76,078	11,941	14,190
	2011	61,771	..	10,158	80,835	10,158	9,352
	2012	59,414	..	11,023	75,870	*8,641	7,139
	2013	57,706	..	10,796	78,565	7,630	8,142
Ecuador	2010	45,127	..	..	12,579	..	2,434
	2011	45,237	..	..	14,502	..	2,345
	2012	45,355	..	..	14,811	..	2,257
	2013	45,474	..	..	13,575	..	2,174
Falkland Is. (Malvinas)	2010	6	..	..	..	..	3
	2011	6	..	..	..	..	3
	2012	7	..	..	..	..	3
	2013	7	..	..	..	..	3

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	11,227
..	11,760
..	11,948
..	12,630
..	90
..	90
..	90
..	90
..	68
..	68
..	68
..	67
..	300
..	297
..	294
..	291
..	9
..	9
..	9
..	10
138,845	293,249	1,024,895	47,546	222,772	3,869,741
140,155	296,096	1,082,605	103,003	230,446	3,992,554
137,751	298,814	1,033,416	108,155	265,667	3,794,146
92,298	296,627	1,055,866	199,530	265,794	4,143,432
..	..	589,030	85,181	362	4,320,488
..	..	485,085	115,866	418	4,285,859
..	..	498,090	118,588	1,150	4,480,467
..	..	588,714	94,495	1,394	4,634,460
..	..	2,707	72,238	..	167,593
..	..	3,779	96,600	..	195,255
..	..	5,628	97,704	..	201,760
..	..	10,023	73,526	..	177,695
..	34,854
..	33,872
..	37,230
..	38,660
..	..	576,843	..	..	3,297,586
..	..	469,590	..	..	3,165,465
..	..	478,916	..	..	3,242,250
..	..	564,837	..	..	3,366,315
..	362	205,276
..	418	247,542
..	273	392,919
..	559	429,094
..	..	6,164	12,586	..	182,783
..	..	7,141	18,202	..	188,265
..	..	7,818	19,633	..	182,399
..	..	*7,818	*19,633	..	182,147
..	..	107	..	..	57,813
..	..	134	..	..	59,873
..	..	161	..	..	60,327
..	..	188	..	..	59,237
..	6
..	6
..	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	2010	1,170	..	..	..	..	213
	2011	1,211	..	..	..	..	222
	2012	1,255	..	..	..	..	232
	2013	1,198	..	..	..	..	242
Guyana	2010	1,382	..	..	6,822	..	58
	2011	1,329	..	..	8,320	..	49
	2012	1,213	..	..	6,960	..	48
	2013	1,096	..	..	6,014	..	46
Paraguay	2010	102,296	..	24,485	3,021	..	14,155
	2011	99,660	..	23,362	3,021	..	13,561
	2012	96,611	..	23,412	3,021	..	12,966
	2013	90,272	..	23,627	..	..	13,610
Peru	2010	102,774	..	8,661	15,940	..	2,272
	2011	116,033	..	8,585	22,688	..	2,036
	2012	83,431	..	8,285	23,908	..	2,006
	2013	109,026	..	8,242	25,105	..	*1,859
Suriname	2010	963	..	*568	151	..	..
	2011	963	..	*603	151	..	..
	2012	1,028	..	*634	151	..	..
	2013	1,066	..	*665	151	..	..
Uruguay	2010	25,263	..	6,092	751	25,661	..
	2011	26,983	..	6,381	779	25,133	..
	2012	26,190	..	9,808	1,044	24,394	..
	2013	26,105	..	10,058	1,071	25,014	..
Venezuela (Bolivar. Rep.)	2010	14,072	..	18,201	12,738	..	266
	2011	13,420	..	18,488	12,965	..	236
	2012	12,798	..	18,773	12,965	..	236
	2013	12,205	..	19,055	13,317	..	236
Asia	2010	10,568,788	136,751	4,744,243	1,153,544	182,801	399,785
	2011	10,537,620	133,736	4,801,990	1,397,944	172,134	392,319
	2012	10,643,411	135,104	4,914,827	1,526,788	175,083	409,073
	2013	10,790,475	139,172	5,021,443	1,596,784	191,348	420,965
Afghanistan	2010	14,993	..	..	..	..	3,316
	2011	15,121	..	..	..	..	3,412
	2012	15,474	..	..	..	..	3,510
	2013	15,765	..	..	..	..	3,610
Armenia	2010	15,986	..	..	..	..	..
	2011	18,946	..	..	..	..	..
	2012	18,946	..	..	..	..	..
	2013	18,946	..	..	..	..	..
Azerbaijan	2010	3,416	..	..	..	..	..
	2011	3,672	..	..	..	..	..
	2012	3,700	..	..	..	..	..
	2013	3,855	..	..	..	..	148
Bahrain	2010	60	..	..	..	..	31
	2011	61	..	..	..	..	32
	2012	62	..	..	..	..	32
	2013	63	..	..	..	..	33
Bangladesh	2010	249,265	111,574	212,365	2,392	..	9,567
	2011	247,812	112,856	214,806	2,769	..	9,638
	2012	246,378	114,209	217,382	2,392	..	9,708
	2013	244,961	115,612	220,052	2,769	..	9,779
Bhutan	2010	44,259	..	..	..	..	207
	2011	44,734	..	..	..	..	826
	2012	45,218	..	..	..	..	826
	2013	45,712	..	..	..	..	826

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	1,170
..	1,211
..	1,255
..	1,198
..	8,205
..	9,649
..	8,173
..	7,110
..	..	2,927	..	..	132,729
..	..	3,107	..	..	129,150
..	..	3,265	..	..	126,309
..	..	3,852	..	..	117,751
..	0	0	127,375
..	..	992	478	0	148,775
..	..	1,876	589	877	118,965
..	..	1,394	37	835	144,638
..	1,682
..	1,717
..	1,812
..	1,882
..	..	281	357	..	58,405
..	..	343	585	..	60,204
..	..	426	662	..	62,524
..	..	603	1,299	..	64,150
..	45,011
..	44,873
..	44,536
..	44,577
261,276	1,302,142	67,966	34,985	17,425	18,469,922
320,639	1,402,712	80,442	1,839,603	40,718	20,727,537
338,265	1,502,151	94,337	259,877	43,809	19,633,652
376,550	1,638,768	112,720	300,355	55,222	20,222,835
..	14,993
..	15,121
..	15,474
..	15,765
..	15,986
..	18,946
..	18,946
..	18,946
..	3,416
..	3,672
..	3,700
..	2,104	..	..	..	5,959
..	60
..	61
..	62
..	63
..	575,595
..	578,244
..	580,361
..	583,394
..	44,259
..	44,734
..	45,218
..	45,712

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	2010	107	..	..	..	..	9
	2011	107	..	..	..	..	9
	2012	107	..	..	..	..	9
	2013	107	..	..	..	..	9
Cambodia	2010	151,245	..	288	..	..	23,158
	2011	158,385	..	288	..	..	25,134
	2012	162,658	..	288	..	..	25,577
	2013	167,311	..	158	..	..	26,049
China	2010	1,724,899	..	..	265,965	..	50,889
	2011	1,693,905	..	..	262,953	..	50,607
	2012	1,663,483	..	..	299,316	..	50,328
	2013	1,633,621	..	..	330,599	..	50,050
China, Macao SAR	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Cyprus	2010	143	..	82	..	..	30
	2011	181	..	30	..	..	30
	2012	208	..	28	..	..	30
	2013	181	..	28	..	..	30
Georgia	2010	15,031	..	..	..	..	..
	2011	13,188	..	..	..	..	..
	2012	12,840	..	..	..	..	..
	2013	20,144	..	..	..	..	..
India	2010	3,777,353	..	3,464,883	524,763	..	84,960
	2011	3,826,013	..	3,540,340	706,534	..	84,960
	2012	3,874,672	..	3,614,237	734,928	..	84,960
	2013	3,923,089	..	3,682,785	*749,044	..	92,601
Indonesia	2010	1,725,212	..	458,214	55,748	..	17,759
	2011	1,783,344	..	464,165	56,094	..	19,854
	2012	1,768,546	..	469,995	64,848	..	19,913
	2013	1,795,239	..	475,710	64,269	..	9,676
Iran (Islamic Rep. of)	2010	45,675	1,175	6,250	..	..	35
	2011	45,675	1,175	7,500	..	..	24
	2012	73,994	1,175	7,500	..	..	32
	2013	73,994	1,175	7,500	..	..	35
Iraq	2010	1,661	..	..	..	..	443
	2011	1,700	..	..	..	..	443
	2012	1,739	..	..	..	..	443
	2013	1,779	..	..	..	..	708
Israel	2010	*550	..	..	..	..	..
	2011	*594	..	..	..	..	..
	2012	*183	..	..	..	..	..
	2013	*183	..	..	..	..	..
Japan	2010	38,596	..	110,429	3,830	182,801	413
	2011	39,282	..	116,418	2,440	172,134	354
	2012	39,054	..	123,311	3,251	165,523	354
	2013	42,856	..	129,642	3,120	181,750	354
Jordan	2010	2,759	..	..	..	..	1,180
	2011	2,832	..	..	..	..	1,215
	2012	2,905	..	..	..	..	1,248
	2013	2,978	..	..	..	..	1,281
Kazakhstan	2010	2,101	..	9	..	..	14
	2011	3,243	..	47	..	..	14
	2012	2,441	..	49	..	..	14
	2013	2,762	..	0	..	..	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
..	..	..	..	..	107
..	..	..	..	..	151,533
..	..	..	..	..	158,673
..	..	..	..	..	162,946
..	..	..	..	..	167,469
158,110	1,173,520	58,518	..	..	3,381,011
188,599	1,254,137	65,446	1,797,333	..	5,262,373
198,687	1,355,330	74,555	204,750	..	3,796,122
220,786	1,484,547	84,294	231,494	..	3,985,341
..	*1,915	..	..	..	*1,915
..	*1,541	..	..	..	*1,541
..	*1,627	..	..	..	*1,627
..	*1,842	..	..	..	*1,842
299	..	..	221	274	1,019
4	..	..	221	448	884
0	..	..	258	476	970
0	..	..	74	466	749
..	..	..	..	3	15,034
..	..	..	..	3	13,191
..	..	..	..	3	12,843
..	..	..	..	0	20,144
..	..	..	..	..	7,766,999
..	..	..	..	..	8,072,887
..	..	..	..	..	8,223,837
..	..	..	..	..	8,354,918
..	..	..	..	..	2,239,174
..	..	..	..	..	2,303,603
..	..	..	..	..	2,303,389
..	..	..	..	..	2,335,218
..	..	..	..	127	53,227
..	..	..	..	127	54,477
..	..	..	..	127	82,796
..	..	..	..	127	82,796
..	..	..	..	..	1,661
..	..	..	..	..	1,700
..	..	..	..	..	1,739
..	..	..	..	..	1,779
..	..	..	..	347	*897
..	..	..	..	391	*985
..	..	..	..	777	960
..	..	..	..	852	1,035
26,398	48,684	..	..	..	410,738
46,441	52,125	..	..	..	428,840
49,931	52,035	..	..	..	433,105
58,623	53,610	..	..	..	469,601
..	..	..	..	108	2,867
..	..	..	..	96	2,928
..	..	..	..	72	2,977
..	..	..	..	72	3,050
..	..	..	..	..	2,110
..	..	..	..	..	3,290
..	..	..	..	..	2,490
..	..	..	..	..	2,762

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.	2010	44,963	..	..	..	..	4,632
	2011	45,202	..	..	..	..	4,661
	2012	45,444	..	..	..	..	4,691
	2013	45,686	..	..	..	..	4,750
Korea, Republic of	2010	8,034	..	5,758	..	..	..
	2011	7,050	..	10,196	..	..	..
	2012	21,178	..	718	..	9,560	..
	2013	28,710	..	1,573	..	9,598	..
Kuwait	2010	168	..	..	..	..	82
	2011	171	..	..	..	..	84
	2012	173	..	..	..	..	85
	2013	176	..	..	..	..	86
Kyrgyzstan	2010	156	..	..	..	..	..
	2011	158	..	..	..	..	..
	2012	160	..	..	..	..	..
	2013	160	..	..	..	..	..
Lao People's Dem. Rep.	2010	54,335	..	..	..	..	624
	2011	54,215	..	..	..	..	636
	2012	54,101	..	..	..	..	649
	2013	53,988	..	..	..	..	662
Lebanon	2010	5,015	..	..	..	..	325
	2011	5,006	..	..	..	..	325
	2012	4,997	..	..	..	..	325
	2013	4,988	..	..	..	..	325
Malaysia	2010	25,674	..	14,400	579	..	850
	2011	25,213	..	15,048	579	..	853
	2012	24,768	..	11,405	579	..	856
	2013	24,339	..	15,955	226	..	858
Maldives	2010	141	..	..	..	..	23
	2011	142	..	..	..	..	23
	2012	144	..	..	..	..	24
	2013	145	..	..	..	..	24
Mongolia	2010	8,313	..	..	..	..	..
	2011	*6,997	..	..	..	..	..
	2012	*5,481	..	..	..	..	..
	2013	*5,481	..	..	..	..	..
Myanmar	2010	416,457	..	25,351	2,000	..	784
	2011	419,825	..	25,556	*2,386	..	797
	2012	423,402	..	25,774	*2,355	..	826
	2013	427,107	..	26,000	*2,355	..	826
Nepal	2010	324,400	23,070	13,883	14,863	..	2,301
	2011	277,232	18,757	15,458	14,863	..	2,331
	2012	277,040	18,757	14,811	12,979	..	2,390
	2013	316,647	21,395	*14,811	14,821	..	2,419
Oman	2010	356	..	..	..	..	171
	2011	367	..	..	..	..	177
	2012	378	..	..	..	..	182
	2013	399	..	..	..	..	199
Other Asia	2010	10,794	..	..	..	..	..
	2011	12,898	..	..	..	..	..
	2012	10,274	..	..	..	..	..
	2013	8,839	..	..	..	..	..
Pakistan	2010	270,944	..	*157,950	96,920	..	2,133
	2011	270,944	..	*160,697	118,442	..	2,186
	2012	270,944	..	*163,428	129,268	..	2,242
	2013	270,944	..	*165,000	130,951	..	8,172

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	44,963
..	45,202
..	45,444
..	45,686
74,973	34,000	..	12,107	8,316	143,188
84,096	39,262	..	11,408	9,019	161,031
88,080	37,499	..	12,218	9,358	178,611
95,926	36,341	..	12,806	9,917	194,871
..	168
..	171
..	173
..	176
..	156
..	158
..	160
..	160
..	54,335
..	54,215
..	54,101
..	53,988
..	5,015
..	5,006
..	4,997
..	4,988
..	6,366	..	40,653
..	9,163	..	47,206
..	17,370	..	45,915
..	57,890
..	141
..	142
..	144
..	145
..	8,313
..	*6,997
..	*5,481
..	*5,481
..	443,808
..	447,767
..	451,531
..	455,462
..	2,793	379,009
..	2,765	329,075
..	4,296	327,883
..	6,711	374,385
..	356
..	367
..	378
..	399
..	43,848	27	..	..	54,669
..	55,114	3,823	..	323	72,158
..	55,210	4,372	..	283	70,139
..	55,412	4,750	..	254	69,255
..	525,814
..	550,083
..	563,640
..	566,895

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	2010	118,832	762	24,311	15,883	..	35,017
	2011	115,808	778	24,038	17,015	..	35,371
	2012	172,840	793	38,488	18,372	..	49,666
	2013	176,505	820	39,763	19,004	..	52,259
Qatar	2010	46	..	..	..	..	22
	2011	46	..	..	..	..	22
	2012	46	..	..	..	..	23
	2013	46	..	..	..	..	23
Singapore	2010	..	..	..	..	..	156
	2011	..	..	..	..	..	156
	2012	..	..	..	..	..	156
	2013	..	..	..	..	..	150
Sri Lanka	2010	162,657	..	..	1,066	..	0
	2011	162,788	..	..	842	..	0
	2012	159,638	..	..	1,004	..	0
	2013	156,526	..	..	1,475	..	873
State of Palestine	2010	3,332	..	720	..	..	..
	2011	3,089	..	627	..	..	..
	2012	2,762	..	702	..	..	..
	2013	3,013	..	436	..	..	..
Syrian Arab Republic	2010	276	..	..	..	..	30
	2011	282	..	..	..	..	30
	2012	287	..	..	..	..	30
	2013	293	..	..	..	..	30
Thailand	2010	537,091	170	205,075	148,112	..	141,394
	2011	501,003	*170	161,085	186,482	..	128,650
	2012	503,666	*170	180,016	221,809	..	130,243
	2013	518,371	*170	175,960	238,965	..	134,166
Timor-Leste	2010	1,097	..	..	..	..	..
	2011	1,052	..	..	..	..	..
	2012	1,009	..	..	..	..	..
	2013	1,009	..	..	..	..	..
Turkey	2010	142,014	..	44,275	..	..	..
	2011	102,418	..	45,692	..	..	..
	2012	98,396	..	46,696	..	..	..
	2013	113,169	..	66,070	..	..	..
Turkmenistan	2010	91	..	..	..	..	..
	2011	91	..	..	..	..	..
	2012	91	..	..	..	..	..
	2013	*91	..	..	..	..	..
Uzbekistan	2010	201	..	..	..	..	..
	2011	210	..	..	..	..	..
	2012	238	..	..	..	..	..
	2013	238	..	..	..	..	..
Viet Nam	2010	615,885	..	..	21,424	..	17,199
	2011	622,311	..	..	26,545	..	17,376
	2012	628,942	..	..	35,687	..	17,553
	2013	635,552	..	..	39,186	..	17,730
Yemen	2010	4,206	..	..	..	..	2,036
	2011	4,306	..	..	..	..	2,095
	2012	4,407	..	..	..	..	2,154
	2013	4,510	..	..	..	..	2,213
Europe	2010	2,964,690	2,086	314,037	0	509,026	11,431
	2011	2,900,746	2,455	311,131	103,588	493,935	11,441
	2012	3,242,572	2,811	307,246	102,071	481,153	11,178
	2013	3,283,155	2,585	301,813	110,210	500,741	11,653

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	175	362	3,999	..	164,325
..	533	105	4,035	..	162,310
..	450	1,286	4,453	..	236,680
..	729	2,316	4,939	..	244,075
..	..	..	..	..	46
..	..	..	..	..	46
..	..	..	..	..	46
..	..	..	..	..	46
..
..	0	..	..	..	0
..	0	..	..	..	0
..	0	..	..	..	0
..	..	..	..	..	163,723
..	..	..	..	..	163,629
..	..	..	..	..	160,642
..	..	..	..	..	158,001
..	..	..	..	..	4,051
..	..	..	..	..	3,716
..	..	..	..	..	3,463
..	..	..	..	..	3,448
..	..	..	..	..	276
..	..	..	..	..	282
..	..	..	..	..	287
..	..	..	..	..	293
..	..	9,058	18,400	2,611	920,517
..	..	10,854	19,798	24,509	903,901
..	..	13,909	28,373	23,030	970,973
..	4,183	20,395	32,862	28,312	1,019,218
..	..	..	..	..	1,097
..	..	..	..	..	1,052
..	..	..	..	..	1,009
..	..	..	..	..	1,009
1,496	..	0	258	2,846	190,889
1,499	..	214	442	3,037	153,302
1,567	..	214	662	5,387	152,923
1,215	..	965	810	8,511	190,739
..	..	..	..	..	91
..	..	..	..	..	91
..	..	..	..	..	91
..	..	..	..	..	*91
..	..	..	..	..	201
..	..	..	..	..	210
..	..	..	..	..	238
..	..	..	..	..	238
..	..	..	..	..	637,309
..	..	..	..	..	648,856
..	..	..	..	..	664,629
..	..	..	..	..	674,738
..	..	..	..	..	4,206
..	..	..	..	..	4,306
..	..	..	..	..	4,407
..	..	..	..	..	4,510
333,273	706,079	114,787	368,626	360,284	5,672,888
349,207	731,255	87,063	356,243	438,237	5,773,860
351,966	755,394	100,304	380,802	509,925	6,234,244
339,335	785,036	120,288	405,646	571,493	6,420,303

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Albania	2010	8,578	..	..	..	..	..
	2011	8,706	..	..	..	..	..
	2012	8,642	..	..	..	..	..
	2013	8,433	..	..	..	..	..
Andorra	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Austria	2010	156,610	..	9,198	..	28,077	30
	2011	149,023	..	9,915	..	28,512	30
	2012	159,802	..	11,037	..	30,388	30
	2013	157,289	..	8,887	..	32,658	30
Belarus	2010	55,446	..	4,550	..	..	118
	2011	60,145	..	3,240	..	..	118
	2012	61,644	..	3,256	..	..	118
	2013	59,946	..	3,071	..	..	118
Belgium	2010	22,961	..	25,656	..	1,633	..
	2011	35,654	..	18,483	..	1,470	..
	2012	51,678	263	5,838	..	1,400	..
	2013	53,947	133	3,150	..	1,735	..
Bosnia and Herzegovina	2010	6,385	..	..	..	..	502
	2011	6,614	..	..	..	..	561
	2012	6,458	..	..	..	..	561
	2013	*6,458	..	..	..	..	679
Bulgaria	2010	34,559	..	366	..	4,534	502
	2011	37,269	..	234	..	5,653	472
	2012	41,388	..	772	..	4,265	118
	2013	40,906	..	850	..	5,235	148
Croatia	2010	19,812	..	1	..	..	118
	2011	26,709	..	34	..	..	118
	2012	29,017	..	21	..	..	148
	2013	29,479	..	12	..	..	177
Czech Republic	2010	70,415	..	4,698	..	12,577	..
	2011	69,603	..	5,076	..	12,395	..
	2012	72,181	..	5,208	..	12,749	..
	2013	77,009	..	4,761	..	14,218	..
Denmark	2010	46,037	..	25,272	..	..	..
	2011	42,104	..	21,004	..	..	..
	2012	42,625	..	19,241	..	..	..
	2013	41,486	..	21,455	..	..	..
Estonia	2010	31,437	..	7,232	..	1,427	..
	2011	29,553	..	8,701	..	1,059	..
	2012	32,115	..	9,220	..	1,056	..
	2013	35,807	..	7,471	..	1,408	..
Finland	2010	189,467	261	1,234	..	135,682	..
	2011	183,839	292	1,264	..	135,109	..
	2012	194,673	271	1,599	..	135,768	..
	2013	196,762	256	2,135	..	140,701	..
France	2010	389,984	99	8,490	0	48,669	*1,505
	2011	314,652	87	8,058	73	54,070	*1,475
	2012	365,171	97	10,980	0	33,188	*1,475
	2013	405,803	97	13,223	0	34,821	1,328
Germany	2010	427,840	..	..	..	33,135	59
	2011	411,791	..	..	..	33,230	59
	2012	425,016	..	..	..	32,642	59
	2013	417,169	..	5,614	..	33,674	59

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
..	..	..	..	..	8,578
..	..	..	..	..	8,706
..	..	..	..	..	8,642
..	..	..	..	..	8,433
..	*218	..	..	..	*218
..	*211	..	..	..	*211
..	*211	..	..	..	*211
..	*232	..	..	..	*232
19,738	14,381	2,609	10,194	6,418	247,224
20,748	15,468	2,173	8,795	7,080	241,714
20,244	15,554	2,975	8,685	8,640	257,325
17,154	15,721	2,680	6,477	8,178	249,044
9,049	..	..	1,398	90	70,533
7,544	..	..	1,141	128	72,198
1,135	..	..	1,214	182	67,431
1,037	..	..	957	381	65,392
14,671	30,872	3,406	11,555	5,336	116,090
16,018	38,110	6,534	10,414	5,372	132,055
16,918	29,194	7,252	10,893	6,601	130,037
13,116	28,700	7,171	10,746	7,913	126,610
..	..	..	..	..	6,385
..	..	..	..	..	6,614
..	..	..	..	..	6,458
..	..	..	..	..	*6,458
352	420	0	699	112	41,042
345	414	0	589	139	44,643
276	871	0	294	5	47,871
322	644	322	1,582	93	49,954
319	..	..	515	298	20,945
179	..	..	294	290	27,506
341	..	..	1,435	479	31,293
366	..	..	1,214	693	31,764
6,645	4,374	2,546	7,286	7,398	115,939
6,961	5,574	1,447	7,728	10,460	119,244
7,073	5,840	2,734	6,366	15,698	127,849
6,721	5,786	2,787	6,698	23,910	141,890
..	37,796	1,425	2,834	4,362	117,725
..	38,547	575	2,907	4,107	109,245
..	37,495	685	3,054	4,383	107,483
..	37,606	603	3,275	4,642	109,067
..	..	..	..	155	40,251
..	..	..	..	137	39,450
..	..	..	..	122	42,513
..	4,411	..	..	302	49,399
1,784	10,424	572	10,488	1,692	351,604
1,805	10,088	597	7,176	2,221	342,391
2,741	13,039	786	9,090	2,425	360,392
2,120	15,933	1,384	11,261	2,428	372,980
..	100,510	19,939	74,262	13,737	655,691
..	94,944	17,902	67,786	14,878	572,450
..	104,910	17,554	81,438	16,512	629,850
3,996	98,234	21,065	80,187	18,284	675,710
65,840	195,404	36,591	113,491	177,346	1,049,647
61,520	201,342	23,390	113,418	216,897	1,061,588
59,464	217,346	25,109	100,611	268,633	1,128,822
49,437	245,060	21,481	107,125	287,845	1,167,405

Table 12**Production of biofuels and wastes**

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Greece	2010	20,568	..	9,783	..	..	30
	2011	28,014	..	11,330	..	..	59
	2012	32,894	..	8,985	..	..	30
	2013	29,461	..	5,985	..	..	59
Hungary	2010	49,986	..	13,478	..	351	3
	2011	46,022	..	13,525	..	299	0
	2012	44,060	106	13,525	..	290	0
	2013	46,534	230	13,796	..	82	0
Iceland	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Ireland	2010	6,242	1,726	..	..	..	..
	2011	6,241	1,711	..	..	..	..
	2012	6,851	1,372	..	..	..	..
	2013	7,046	1,127	..	..	..	..
Isle of Man	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Italy	2010	138,150	..	8,398	..	..	295
	2011	156,996	..	9,087	..	..	295
	2012	294,361	..	9,136	..	..	295
	2013	303,913	..	7,918	..	..	295
Jersey	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Latvia	2010	66,763	..	60	..	..	266
	2011	72,830	..	43	..	..	295
	2012	78,233	..	38	..	..	325
	2013	73,277	..	58	..	..	295
Liechtenstein	2010	*183	..	..	..	..	..
	2011	*199	..	..	..	..	..
	2012	*203	..	..	..	..	..
	2013	172	..	..	..	..	..
Lithuania	2010	41,734	..	228	..	..	30
	2011	40,955	..	212	..	..	30
	2012	41,291	..	242	..	..	30
	2013	43,355	..	238	..	..	30
Luxembourg	2010	1,878	..	306	..	..	..
	2011	1,659	..	275	..	..	..
	2012	1,705	..	269	..	..	..
	2013	2,027	..	265	..	..	..
Malta	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Montenegro	2010	9,711	..	..	..	..	..
	2011	6,778	..	..	..	..	..
	2012	6,842	..	..	..	..	..
	2013	7,281	..	..	..	..	..
Netherlands	2010	34,921	..	10,440	..	..	177
	2011	30,730	..	10,947	..	..	177
	2012	34,388	..	11,448	..	..	177
	2013	34,153	..	12,466	..	..	177

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
1,341	..	..	4,563	2,065	38,320
1,175	..	..	3,974	3,048	47,541
625	..	..	5,042	3,710	51,256
883	..	..	5,594	3,704	45,627
1,449	4,458	643	5,189	1,516	77,070
2,187	3,484	643	5,851	2,540	74,551
1,804	3,766	6,432	5,299	2,212	77,494
564	3,475	7,584	5,152	3,215	80,632
..	36	..	..	22	58
..	0	..	..	48	48
..	0	..	..	73	73
..	0	..	..	71	71
..	625	..	2,613	2,445	13,651
..	1,039	..	994	2,411	12,396
13	3,680	..	994	2,341	15,251
4	4,455	..	920	2,017	15,569
..	*407	..	..	..	*407
..	*429	..	..	..	*429
..	*436	..	..	..	*436
..	*440	..	..	..	*440
10,998	65,178	4,306	29,403	21,250	277,683
12,232	70,588	3,298	21,749	46,218	320,168
13,626	67,560	3,686	10,562	49,352	448,282
12,994	69,302	4,485	16,891	76,013	491,516
..	*238	..	..	..	*238
..	679	..	..	..	679
..	*686	..	..	..	*686
..	*693	..	..	..	*693
105	334	402	1,582	558	69,804
84	69	54	2,208	920	76,208
84	51	54	3,312	2,175	83,947
84	85	80	2,429	2,695	78,708
..	328	..	..	..	511
..	315	..	..	..	513
..	328	..	..	..	531
..	356	..	..	..	529
..	..	965	3,275	418	46,620
..	..	482	2,944	463	45,056
..	..	563	3,938	484	46,517
155	943	616	4,306	649	50,262
597	1,113	..	..	490	4,384
576	1,225	..	..	511	4,246
603	1,203	..	..	658	4,438
641	1,185	..	..	636	4,754
..	..	..	37	0	37
..	..	..	37	31	68
..	..	..	37	93	130
..	..	..	37	65	102
..	..	..	..	..	9,711
..	..	..	..	..	6,778
..	..	..	..	..	6,842
..	..	..	..	..	7,281
..	64,543	822	14,058	12,286	137,070
..	67,940	110	18,069	12,263	140,058
..	63,855	0	43,314	12,454	165,459
..	60,809	11,095	50,600	13,052	182,175

Table 12**Production of biofuels and wastes**

Terajoules (TJ)

Country or area	Year	Solid biofuels					
		Fuelwood	Animal waste	Vegetal waste	Bagasse	Black liquor	Charcoal
Norway	2010	51,643	..	..	..	..	..
	2011	49,408	..	..	..	..	..
	2012	48,183	..	..	..	..	..
	2013	41,013	..	..	..	..	..
Poland	2010	180,274	..	65,332	..	..	..
	2011	192,687	..	73,174	..	..	..
	2012	201,106	..	91,456	..	..	..
	2013	211,876	..	74,268	..	..	..
Portugal	2010	39,751	..	40,972	..	36,765	572
	2011	41,217	..	41,472	..	36,761	614
	2012	44,674	..	25,731	..	38,563	620
	2013	43,871	..	26,909	..	41,266	590
Republic of Moldova	2010	6,221	..	755	..	..	0
	2011	7,829	..	858	..	..	0
	2012	9,007	..	455	..	..	0
	2013	10,231	..	490	..	..	30
Romania	2010	163,287	..	..	..	..	266
	2011	145,527	..	..	..	..	472
	2012	158,895	..	..	..	..	528
	2013	153,097	..	..	..	..	531
Russian Federation	2010	123,275	..	..	..	..	2,242
	2011	126,651	..	..	..	..	1,505
	2012	144,541	..	..	..	..	1,564
	2013	126,851	..	..	..	..	1,800
Serbia	2010	43,393	..	..	..	..	..
	2011	43,938	..	..	..	..	236
	2012	43,602	..	..	..	..	266
	2013	46,178	..	..	..	..	325
Slovakia	2010	13,976	..	4,275	..	12,748	89
	2011	14,255	..	3,842	..	14,714	118
	2012	17,202	..	861	..	15,465	118
	2013	15,140	..	1,425	..	15,615	0
Slovenia	2010	21,880	..	345	..	..	..
	2011	23,350	..	328	..	..	..
	2012	23,155	..	290	..	..	..
	2013	23,657	..	269	..	..	..
Spain	2010	134,829	..	43,531	..	16,980	1,062
	2011	144,456	365	31,642	103,515	17,358	1,062
	2012	146,908	549	32,756	102,071	19,890	1,062
	2013	161,317	593	35,759	110,210	21,475	1,062
Sweden	2010	221,283	..	..	..	*176,448	..
	2011	220,726	..	..	..	*153,305	..
	2012	244,757	153	..	..	*155,489	..
	2013	227,662	149	..	..	*157,853	..
Switzerland	2010	39,340	..	..	..	..	..
	2011	34,970	..	..	..	..	..
	2012	39,200	..	..	..	..	..
	2013	41,970	..	..	..	..	..
T.F.Yug. Rep. Macedonia	2010	6,833	..	..	..	..	..
	2011	6,527	..	..	..	..	..
	2012	6,199	..	..	..	..	..
	2013	5,538	..	..	..	..	..
Ukraine	2010	59,441	..	..	..	..	3,570
	2011	54,381	..	..	..	..	3,747
	2012	52,234	..	..	..	..	3,658
	2013	58,254	..	..	..	..	3,924

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
1,119	11,814	..	..	1,243	65,819
3,841	14,299	..	3,349	1,235	72,132
1,024	15,062	..	2,613	1,187	68,069
855	17,369	192	1,214	1,099	61,742
11,760	5,007	4,100	13,984	4,797	285,254
12,992	6,793	3,699	13,358	5,732	308,435
13,250	5,672	4,636	22,264	7,033	345,417
14,761	5,612	5,119	23,626	7,593	342,854
2,611	8,030	137	11,666	1,287	141,219
2,101	8,245	137	13,469	1,883	145,285
6,017	7,197	137	11,187	2,362	135,868
1,986	8,097	301	11,003	2,736	136,170
197	..	0	..	0	7,173
180	..	0	..	0	8,867
374	..	27	..	0	9,864
130	..	274	..	36	11,161
1,276	0	1,474	442	129	166,608
1,200	0	1,447	3,938	547	152,659
1,131	4	1,769	3,717	1,143	166,659
1,695	14	1,099	5,042	822	161,768
167,991	..	..	..	..	291,266
170,277	..	..	..	..	296,928
177,809	..	..	..	..	322,350
177,615	..	..	..	..	304,466
388	..	..	..	..	43,781
288	..	..	..	..	44,226
50	..	..	..	39	43,691
38	..	..	..	171	46,387
731	1,613	2,600	4,158	600	40,701
750	1,416	2,814	4,600	1,918	44,309
1,175	1,407	2,734	4,048	2,594	45,486
5,165	1,099	2,787	3,864	2,300	47,395
975	..	..	699	1,273	25,172
1,228	..	..	0	1,506	26,412
1,333	..	..	37	1,597	26,412
1,453	..	..	74	1,454	26,907
..	14,586	11,256	30,949	11,600	263,731
..	16,332	9,862	24,987	11,520	360,037
..	14,710	8,120	18,253	12,177	355,434
..	12,240	9,702	26,496	11,954	389,745
868	51,800	15,045	7,286	4,654	477,384
1,583	49,786	11,281	9,568	4,993	451,242
1,283	53,698	11,809	13,763	5,303	486,255
1,580	57,233	8,366	8,979	6,070	467,892
10,030	44,610	0	258	3,143	97,381
10,080	45,410	0	221	3,421	94,102
10,260	46,060	0	258	3,745	99,523
10,500	44,220	0	184	4,087	100,961
..	..	..	74	..	6,907
..	..	..	166	..	6,694
..	..	..	33	..	6,231
..	..	..	0	..	5,538
..	..	..	..	..	59,441
..	..	..	..	..	54,381
..	..	..	..	..	52,234
..	..	..	..	..	58,254

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 Kingdom	2010	29,597	..	29,437	..	..	..
	2011	28,739	..	38,387	..	..	..
	2012	31,671	..	44,882	..	..	..
	2013	38,787	..	51,338	..	..	..
Oceania	2010	167,772	..	79,410	96,217	6,112	1,030
	2011	164,684	..	75,543	100,260	5,783	1,047
	2012	128,861	..	7,983	132,868	20,302	1,050
	2013	128,162	..	8,011	139,572	21,142	1,360
Australia	2010	67,168	..	72,106	91,484	6,112	679
	2011	63,562	..	68,235	94,634	5,783	679
	2012	28,029	..	675	128,108	20,302	679
	2013	29,189	..	703	133,408	21,142	714
Fiji	2010	338	..	..	3,736	..	71
	2011	338	..	..	4,629	..	71
	2012	338	..	..	3,762	..	71
	2013	338	..	..	5,297	..	71
French Polynesia	2010	40	..	..	..	..	..
	2011	41	..	..	..	..	15
	2012	41	..	..	..	..	15
	2013	41	..	..	..	..	15
Kiribati	2010	27	..	..	..	..	10
	2011	27	..	..	..	..	10
	2012	28	..	..	..	..	11
	2013	28	..	..	..	..	11
Micronesia(Fed. States of)	2010	49	..	..	..	..	20
	2011	50	..	..	..	..	21
	2012	51	..	..	..	..	21
	2013	51	..	..	..	..	21
New Zealand	2010	46,941	..	..	..	..	..
	2011	47,450	..	..	..	..	..
	2012	47,149	..	..	..	..	..
	2013	45,279	..	..	..	..	..
Papua New Guinea	2010	50,544	..	*5,263	934	..	177
	2011	50,544	..	*5,263	934	..	177
	2012	50,544	..	*5,263	934	..	177
	2013	50,544	..	*5,263	803	..	188
Samoa	2010	639	..	*25	63	..	13
	2011	639	..	25	*63	..	14
	2012	639	..	*25	*64	..	14
	2013	639	..	*26	*64	..	276
Solomon Islands	2010	1,174	..	*2,017	..	..	37
	2011	1,182	..	*2,020	..	..	38
	2012	1,191	..	*2,020	..	..	39
	2013	1,200	..	*2,020	..	..	40
Tonga	2010	19	..	..	..	..	7
	2011	19	..	..	..	..	7
	2012	19	..	..	..	..	7
	2013	19	..	..	..	..	7
Vanuatu	2010	831	..	..	..	..	15
	2011	831	..	..	..	..	16
	2012	831	..	..	..	..	16
	2013	831	..	..	..	..	17

Table 12

Production of biofuels and wastes

Terajoules (TJ)

Non-biomass wastes		Liquid biofuels		Biogases	Total
Industrial waste	Municipal waste	Biogasoline	Biodiesel		
2,439	36,960	5,950	5,667	73,564	183,614
13,313	38,509	616	6,514	75,320	201,398
13,313	45,559	3,243	9,053	75,513	223,234
13,963	45,082	11,095	9,715	76,385	246,365
4,099	..	5,902	2,355	15,703	377,570
4,193	..	6,888	3,275	16,478	377,105
4,029	..	6,648	2,870	20,098	323,658
4,022	..	6,193	3,054	16,984	327,140
4,099	..	5,816	2,318	12,915	262,018
4,193	..	6,754	3,202	13,506	259,869
4,029	..	6,486	2,834	17,192	207,654
4,022	..	6,003	3,054	14,140	211,662
..	4,074
..	4,967
..	4,100
..	5,635
..	40
..	41
..	41
..	41
..	27
..	27
..	28
..	28
..	49
..	50
..	51
..	51
..	..	80	37	2,788	49,846
..	..	107	74	2,972	50,603
..	..	107	37	2,906	50,199
..	..	107	..	2,844	48,230
..	56,741
..	56,741
..	56,741
..	56,610
..	727
..	727
..	729
..	729
..	*3,190
..	*3,202
..	*3,211
..	*3,220
..	19
..	19
..	19
..	19
..	..	6	..	..	838
..	..	*27	..	..	859
..	..	*55	..	..	886
..	..	*82	..	..	913

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.

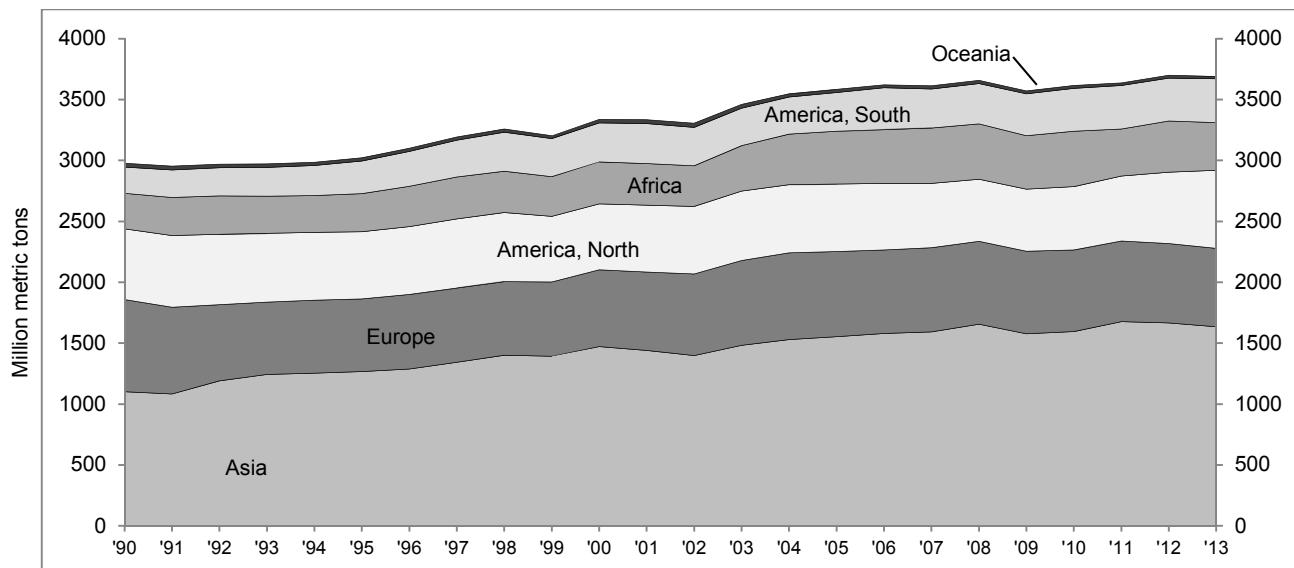
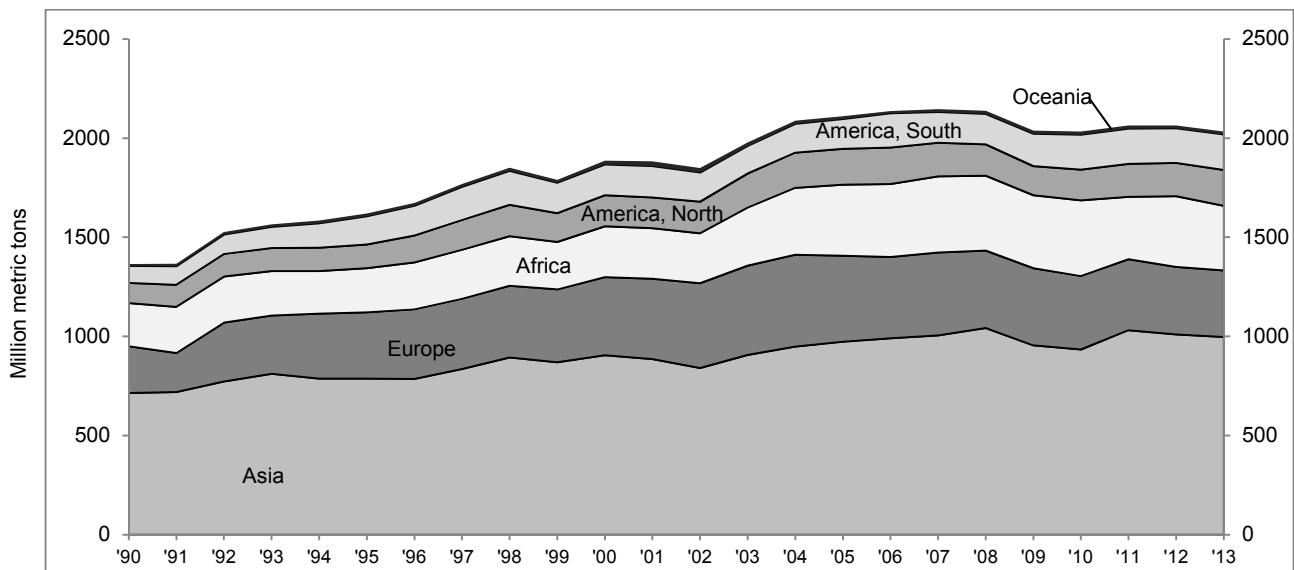
Figure 36: Conventional crude oil production by region, 1990-2013**Figure 37: Conventional crude oil exports by region, 1990-2013**

Figure 38: Production, trade and supply of conventional crude oil by region, 2013

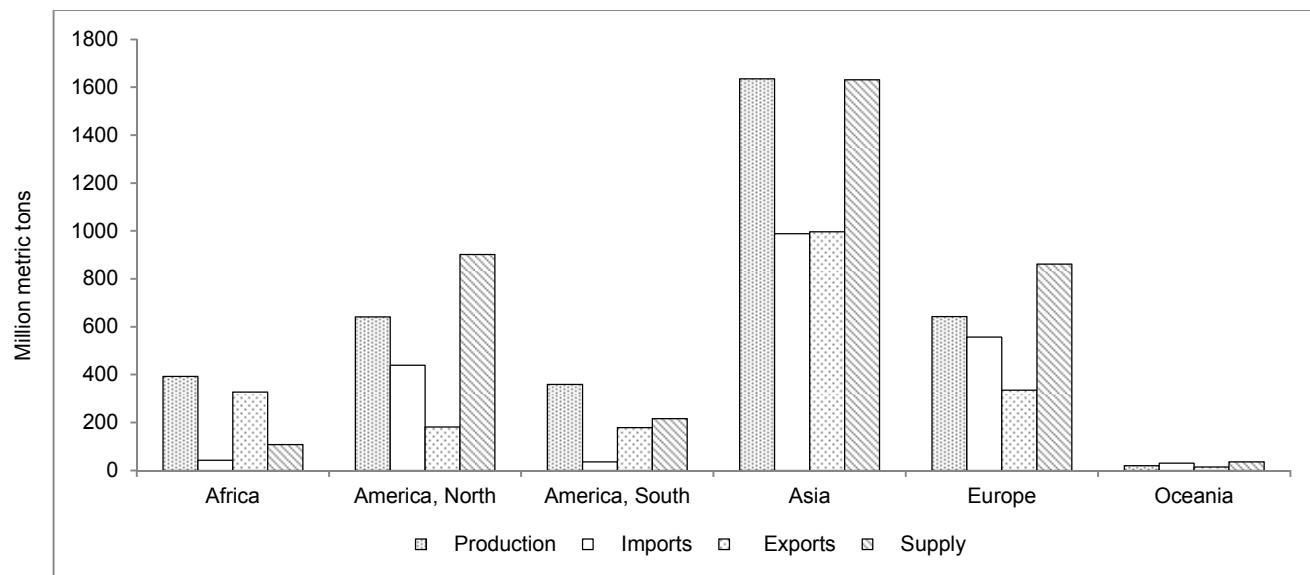


Figure 39: Major crude oil producing countries, 2013

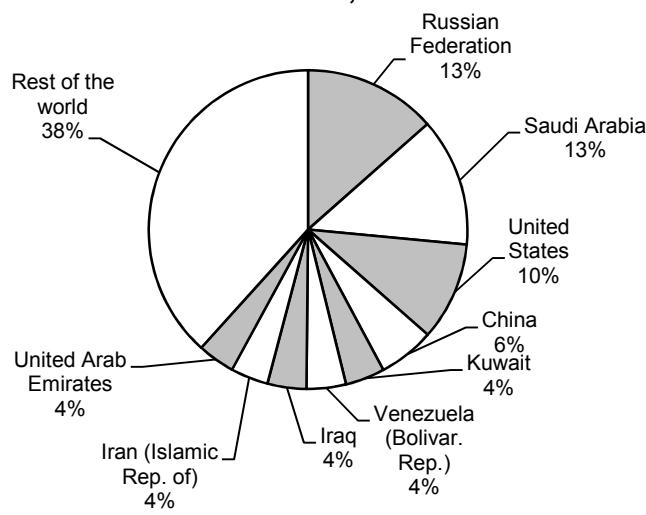


Figure 40: Major crude oil consuming countries, 2013

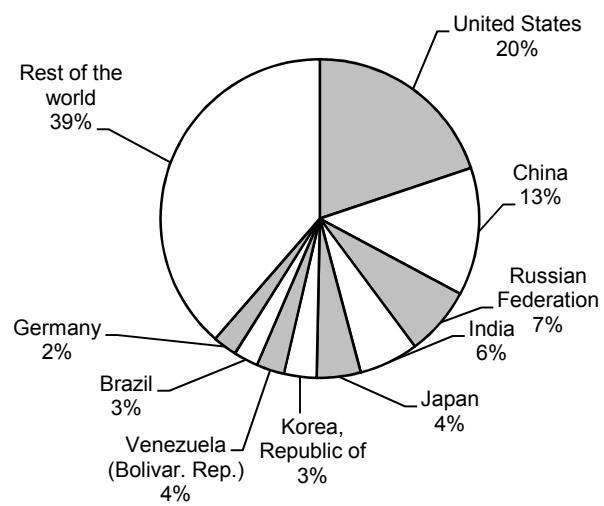


Table 13

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	2010	3,614,669	43	2,150,322	2,033,077	7,216	3,724,698	538
	2011	3,637,529	46	2,138,618	2,064,121	6,156	3,705,870	528
	2012	3,698,465	45	2,155,895	2,064,375	-1,215	3,791,199	534
	2013	3,690,396	45	2,093,023	2,033,258	-2,278	3,752,439	523
Africa	2010	454,990	36	36,927	380,914	-1,538	112,541	108
	2011	385,406	45	36,871	315,293	5,058	101,925	95
	2012	419,741	40	40,357	356,488	-2,140	105,749	96
	2013	392,216	43	41,767	326,527	224	107,231	95
Algeria	2010	55,694	37	320	32,974	42	22,998	638
	2011	54,538	44	206	32,424	229	22,091	602
	2012	51,063	47	295	31,881	-398	19,875	531
	2013	49,574	49	146	28,130	109	21,481	563
Angola	2010	87,880	14	..	85,997	..	1,883	89
	2011	80,900	16	..	78,947	..	1,953	89
	2012	85,433	15	..	83,371	..	2,062	91
	2013	85,778	15	..	83,510	..	2,268	97
Cameroon	2010	3,304	51	1,711	2,821	-128	2,322	113
	2011	2,997	56	1,710	2,559	0	2,148	102
	2012	3,103	54	1,794	2,650	0	2,247	104
	2013	3,367	50	1,880	2,875	0	2,372	107
Chad	2010	6,111	36	..	6,023	..	87	7
	2011	5,734	36	..	5,644	..	90	7
	2012	5,211	39	..	5,119	..	92	7
	2013	4,888	42	..	4,775	..	112	9
Congo	2010	15,788	17	..	14,984	148	656	161
	2011	14,995	14	..	13,586	823	586	140
	2012	13,882	15	..	12,956	77	849	198
	2013	12,442	17	..	11,658	-105	889	202
Côte d'Ivoire	2010	1,972	8	2,973	1,921	119	2,905	144
	2011	1,678	8	2,313	1,623	-1	2,369	115
	2012	1,459	10	3,413	1,433	0	3,439	163
	2013	1,181	12	3,710	1,160	0	3,731	173
Dem. Rep. of the Congo	2010	1,108	23	..	1,109	-1	0	0
	2011	1,205	21	..	1,205	0	0	0
	2012	1,213	21	..	1,213	0	0	0
	2013	1,316	19	..	1,316	0	0	0
Egypt	2010	28,280	16	2,437	6,824	..	23,893	291
	2011	27,634	18	2,429	4,678	..	25,385	303
	2012	32,936	17	2,919	9,530	..	26,325	307
	2013	33,007	17	2,757	11,752	..	24,012	274
Equatorial Guinea	2010	13,629	14	..	*13,629	..	0	0
	2011	*13,885	10	..	*13,885	..	0	0
	2012	*14,434	10	..	*14,434	..	0	0
	2013	*13,456	11	..	*13,456	..	0	0
Gabon	2010	12,734	40	..	12,156	-360	938	608
	2011	12,684	40	..	11,750	0	934	592
	2012	12,235	41	..	11,249	0	986	611
	2013	11,786	43	..	10,742	..	1,044	633
Ghana	2010	195	103	1,603	0	..	1,798	74
	2011	3,405	6	1,532	3,887	..	1,049	42
	2012	4,134	5	1,210	4,202	..	1,141	45
	2013	5,267	4	1,302	5,109	157	1,303	50

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	2010	..	..	1,552	80	46	1,426	35
	2011	..	..	1,772	89	-24	1,707	41
	2012	..	..	997	27	1	969	23
	2013	..	..	567	18	0	549	13
Libya	2010	81,266	65	..	64,789	0	16,477	2,630
	2011	23,562	253	..	14,420	3,608	5,534	880
	2012	70,013	86	..	61,807	0	8,206	1,306
	2013	48,100	124	..	40,786	0	7,314	1,167
Mauritania	2010	414	34	..	494	*-80	0	0
	2011	386	36	..	131	*255	0	0
	2012	330	42	..	354	*-24	0	0
	2013	300	47	..	*300	0	0	0
Morocco	2010	9	44	5,631	..	-428	6,068	186
	2011	8	6	4,987	..	205	4,790	145
	2012	7	5	5,668	..	40	5,635	168
	2013	8	50	5,487	..	-53	5,548	163
Mozambique	2010	30	..	..	30	..	0	0
	2011	31	..	..	31	..	0	0
	2012	35	..	..	35	..	0	0
	2013	49	..	..	49	..	0	0
Niger	2010	..	..	..	..	0	0	0
	2011	93	..	..	..	11	82	5
	2012	636	..	..	..	15	621	35
	2013	890	..	..	..	4	886	48
Nigeria	2010	119,472	39	..	115,294	-757	4,935	31
	2011	115,499	41	..	109,611	0	5,888	36
	2012	113,704	42	..	110,770	-1,792	4,726	28
	2013	106,732	45	..	101,606	38	5,088	29
Senegal	2010	..	..	657	..	-68	725	56
	2011	..	..	738	..	-66	804	60
	2012	..	..	756	..	-22	778	56
	2013	..	..	862	..	0	862	61
South Africa	2010	304	4	19,234	..	..	19,538	378
	2011	304	4	20,290	..	..	20,594	394
	2012	53	8	21,556	..	..	21,609	409
	2013	66	9	23,304	..	..	23,370	438
South Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	1,550	..	..	1,550	..	0	0
	2013	4,950	..	..	4,934	..	16	1
Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	5,117	..	..	1,315	..	3,802	101
	2013	6,178	..	..	2,169	..	4,009	104
Sudan (former)	2010	23,104	39	..	18,115	..	4,989	109
	2011	22,632	30	..	18,145	..	4,487	96
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Tunisia	2010	3,697	18	184	3,674	-71	278	26
	2011	3,236	16	317	2,678	18	857	80
	2012	3,193	16	1,106	2,592	-25	1,732	159
	2013	2,881	17	1,146	2,182	95	1,750	159

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
Zambia	2010	..	..	625	..	0	625	45
	2011	..	..	577	..	0	577	40
	2012	..	..	643	..	-12	655	44
	2013	..	..	606	..	-21	627	41
America, North	2010	521,016	10	553,020	156,101	1,611	916,324	1,676
	2011	534,473	10	537,246	165,724	-5,681	911,676	1,650
	2012	586,039	9	484,151	167,267	2,988	899,934	1,613
	2013	640,724	8	439,740	181,193	-2,324	901,596	1,601
Aruba	2010	*120	..	*10,452	..	..	*10,572	*104,058
	2011	*100	..	*10,450	..	..	*10,550	*103,496
	2012	*80	..	*2,500	..	..	*2,580	*25,197
	2013	0	..	0	..	..	0	0
Barbados	2010	42	11	..	42	0	0	0
	2011	40	14	..	40	0	0	0
	2012	37	15	..	38	0	0	0
	2013	35	16	..	34	1	0	0
Belize	2010	220	5	..	207	0	13	40
	2011	212	5	..	193	8	12	36
	2012	151	7	..	132	5	15	44
	2013	120	8	..	101	4	14	42
Canada	2010	108,045	9	37,841	79,295	1,147	65,444	1,918
	2011	114,482	5	36,028	90,297	-800	61,013	1,768
	2012	124,859	5	38,786	95,440	-159	68,364	1,961
	2013	133,941	5	35,852	109,327	316	60,150	1,707
Costa Rica	2010	..	..	501	0	-7	508	112
	2011	..	..	176	0	24	152	33
	2012	..	..	0	64	-59	-5	-1
	2013	..	..	..	0	-3	3	1
Cuba	2010	3,025	6	5,049	..	..	8,074	714
	2011	3,012	6	4,917	..	..	7,929	700
	2012	2,999	6	4,976	..	..	7,975	703
	2013	*3,326	6	*5,602	..	..	*8,928	*786
Curaçao	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	..	..	8,558	..	..	8,558	56,074
	2013	..	..	8,817	..	..	8,817	57,140
Dominican Republic	2010	..	..	1,372	..	-30	1,402	142
	2011	..	..	1,320	..	0	1,321	132
	2012	..	..	1,272	..	39	1,233	121
	2013	..	..	1,332	..	-35	1,367	133
El Salvador	2010	..	..	808	..	-26	834	138
	2011	..	..	732	..	-40	772	127
	2012	..	..	498	..	-51	549	90
	2013	..	..	0	..	-2	2	0
Guatemala	2010	651	17	..	555	22	74	5
	2011	596	17	..	527	-16	85	6
	2012	579	16	..	488	19	72	5
	2013	498	18	..	440	-3	60	4
Jamaica	2010	..	..	1,144	..	..	1,144	417
	2011	..	..	1,211	..	..	1,211	440
	2012	..	..	1,204	..	..	1,204	436
	2013	..	..	1,167	..	..	1,167	421

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
Martinique	2010	..	..	846	..	..	846	2,143
	2011	..	..	908	..	..	908	2,300
	2012	..	..	908	..	..	908	2,298
	2013	..	..	*908	..	..	*908	*2,295
Mexico	2010	133,632	11	..	71,612	117	61,903	522
	2011	132,041	10	..	70,361	-463	62,143	516
	2012	132,183	10	..	66,181	267	65,735	538
	2013	130,488	10	..	62,912	410	67,166	543
Neth. Antilles (former)	2010	..	..	4,270	..	..	4,270	20,559
	2011	..	..	8,344	..	..	8,344	39,143
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Nicaragua	2010	..	..	782	..	-13	795	139
	2011	..	..	838	..	29	809	139
	2012	..	..	542	..	1	541	92
	2013	..	..	672	..	-45	717	121
Trinidad and Tobago	2010	5,047	8	3,513	2,336	-278	6,502	4,896
	2011	4,739	7	4,284	1,989	-42	7,076	5,301
	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
United States	2010	270,234	10	486,442	2,054	679	753,943	2,433
	2011	279,251	12	468,038	2,318	-4,381	749,352	2,399
	2012	320,925	11	421,949	3,337	2,848	736,689	2,340
	2013	368,133	9	381,281	6,617	-2,683	745,480	2,351
America, South	2010	351,383	75	32,226	175,062	-1,521	210,067	529
	2011	358,242	86	31,552	177,304	449	212,041	528
	2012	352,886	87	32,706	174,129	-2,239	213,702	527
	2013	359,315	86	35,732	179,275	-610	216,382	528
Argentina	2010	31,274	10	0	2,861	202	28,211	684
	2011	29,861	11	0	3,057	342	26,462	635
	2012	28,324	11	219	3,080	-331	25,794	613
	2013	27,730	12	373	1,932	116	26,055	613
Bolivia (Plur. State of)	2010	2,097	23	..	0	1	2,096	211
	2011	2,177	22	..	0	0	2,177	216
	2012	2,534	19	..	0	-1	2,535	248
	2013	2,906	17	..	0	-3	2,909	280
Brazil	2010	95,043	19	17,182	32,028	-1,163	81,360	410
	2011	97,550	20	16,831	30,660	745	82,976	414
	2012	95,652	20	17,495	27,051	-532	86,628	428
	2013	93,777	21	20,006	20,142	5	93,636	458
Chile	2010	207	7	8,337	..	-1	8,545	502
	2011	266	7	8,931	..	-64	9,261	538
	2012	290	8	8,470	..	-116	8,876	510
	2013	340	8	9,259	..	193	9,406	535
Colombia	2010	39,584	6	..	23,695	-17	15,906	346
	2011	46,102	6	..	30,118	-62	16,046	346
	2012	47,686	5	..	31,445	-77	16,318	348
	2013	56,312	5	..	38,365	108	17,839	377
Ecuador	2010	25,375	36	..	17,810	-506	8,071	540
	2011	26,115	37	..	17,210	-415	9,320	614
	2012	26,358	37	..	18,521	-1,127	8,964	581
	2013	27,473	36	..	20,055	-944	8,362	534

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
Peru	2010	5,501	18	4,772	936	-84	9,421	321
	2011	3,422	12	4,629	802	71	7,178	241
	2012	3,289	12	4,466	768	-176	7,163	238
	2013	3,095	11	4,178	718	84	6,471	212
Suriname	2010	885	14	..	..	4	881	1,700
	2011	911	13	..	..	0	911	1,740
	2012	929	13	..	..	0	929	1,758
	2013	913	13	..	..	0	913	1,712
Uruguay	2010	..	..	1,935	..	43	1,891	560
	2011	..	..	1,161	..	-168	1,329	393
	2012	..	..	2,056	..	121	1,935	570
	2013	..	..	1,916	..	-169	2,085	612
Venezuela (Bolivar. Rep.)	2010	151,417	151	..	97,732	..	53,685	1,851
	2011	151,838	180	..	95,457	..	56,381	1,916
	2012	147,824	185	..	93,264	..	54,560	1,828
	2013	146,769	187	..	98,063	..	48,706	1,609
Asia	2010	1,594,782	61	908,117	933,828	6,702	1,562,368	375
	2011	1,677,239	62	924,461	1,031,659	11,023	1,559,019	370
	2012	1,666,328	62	983,924	1,009,425	66	1,640,761	385
	2013	1,635,628	64	988,375	996,635	-3,159	1,630,526	379
Azerbaijan	2010	48,581	19	..	42,659	-37	5,959	655
	2011	43,445	21	..	37,268	59	6,118	663
	2012	41,015	22	..	34,728	38	6,249	668
	2013	40,726	22	..	34,260	-45	6,511	686
Bahrain	2010	9,068	17	*8,827	*4,579	..	*13,316	*10,557
	2011	9,488	16	*8,006	*4,580	..	*12,914	*9,888
	2012	8,648	18	*7,667	*3,000	..	*13,315	*9,984
	2013	9,853	16	*5,855	*2,400	..	13,308	9,862
Bangladesh	2010	..	13	1,275	..	53	1,222	8
	2011	..	13	1,211	..	-95	1,306	9
	2012	..	13	1,266	..	116	1,150	7
	2013	..	12	1,183	..	-118	1,301	8
Brunei Darussalam	2010	7,616	20	..	7,342	-165	439	1,116
	2011	7,288	19	..	6,740	56	492	1,232
	2012	7,280	19	..	6,920	36	324	799
	2013	6,061	23	..	5,822	-35	274	666
China	2010	203,014	12	237,682	3,030	8,900	428,767	320
	2011	202,876	14	253,779	2,514	14,530	439,610	326
	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
Georgia	2010	52	96	6	56	-2	4	1
	2011	51	98	8	59	0	0	0
	2012	49	102	0	37	3	9	2
	2013	48	104	0	57	-9	0	0
India	2010	37,684	18	163,339	..	0	201,023	163
	2011	38,090	18	167,727	..	0	205,817	165
	2012	37,862	18	184,173	..	0	222,035	176
	2013	37,788	18	189,238	..	703	226,323	177
Indonesia	2010	48,175	9	14,221	18,048	-120	44,468	184
	2011	44,981	11	13,232	18,520	-5,036	44,729	183
	2012	42,987	11	13,110	15,757	-1,638	41,978	169
	2013	36,255	13	16,015	10,450	991	40,829	162

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
Iran (Islamic Rep. of)	2010	228,782	70	..	130,365	1,900	96,517	1,300
	2011	226,530	84	..	128,855	-2,112	99,787	1,327
	2012	165,436	112	..	65,738	-2,935	102,633	1,348
	2013	140,613	129	..	50,916	-701	90,398	1,172
Iraq	2010	116,307	131	..	93,223	31	23,053	747
	2011	130,575	119	..	106,931	0	23,644	742
	2012	144,902	107	..	119,328	0	25,574	776
	2013	146,340	106	..	117,466	0	28,874	847
Israel	2010	4	68	11,030	..	43	10,991	1,481
	2011	20	14	10,484	..	-488	10,992	1,453
	2012	12	23	11,127	..	385	10,754	1,398
	2013	12	23	11,818	..	0	11,830	1,513
Japan	2010	250	14	171,679	..	-759	172,688	1,356
	2011	243	13	168,301	..	435	168,109	1,321
	2012	240	14	170,309	..	-559	171,108	1,346
	2013	226	16	168,028	..	652	167,602	1,320
Jordan	2010	1	114	3,485	..	46	3,440	528
	2011	1	152	3,193	..	-89	3,283	486
	2012	1	125	3,626	..	-22	3,650	522
	2013	1	166	3,141	..	-41	3,183	441
Kazakhstan	2010	68,084	36	5,978	*52,800	973	20,289	1,244
	2011	67,765	51	4,526	*56,698	-1,108	16,701	1,009
	2012	66,475	52	5,919	*57,458	87	14,849	883
	2013	69,483	50	7,494	57,060	-65	19,982	1,169
Korea, Dem.Ppl's.Rep.	2010	..	..	528	..	..	528	22
	2011	..	..	526	..	..	526	21
	2012	..	..	527	..	..	527	21
	2013	..	..	535	..	..	535	21
Korea, Republic of	2010	53	..	118,897	..	562	118,388	2,412
	2011	39	..	125,197	..	-86	125,322	2,539
	2012	36	..	128,275	..	938	127,373	2,568
	2013	39	..	122,580	..	-1,072	123,691	2,481
Kuwait	2010	115,290	113	..	68,829	..	46,461	15,186
	2011	132,571	100	..	87,897	..	44,674	13,792
	2012	148,833	89	..	101,296	..	47,537	13,901
	2013	148,110	90	..	102,646	..	45,464	12,651
Kyrgyzstan	2010	83	60	15	0	-3	101	18
	2011	77	65	14	2	-6	95	17
	2012	79	63	6	0	6	79	14
	2013	84	60	0	1	-2	85	15
Malaysia	2010	30,653	21	9,067	16,381	*328	23,011	818
	2011	27,370	18	8,797	11,020	1,636	23,511	823
	2012	28,133	18	9,658	11,584	-934	27,141	935
	2013	27,612	19	8,794	10,421	-509	26,494	899
Mongolia	2010	298	7	..	*298	0	0	0
	2011	349	6	..	*348	1	0	0
	2012	497	4	..	*497	0	0	0
	2013	703	3	..	718	-15	0	0
Myanmar	2010	930	7	..	0	7	923	18
	2011	907	8	..	0	-25	932	18
	2012	849	8	..	140	28	682	13
	2013	838	8	..	236	3	599	11

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
Oman	2010	42,228	18	..	36,379	..	5,849	1,987
	2011	43,247	17	..	36,070	..	7,177	2,236
	2012	45,058	17	..	37,499	..	7,559	2,132
	2013	46,176	16	..	40,522	..	5,654	1,447
Other Asia	2010	13	21	45,756	..	157	45,612	1,966
	2011	10	27	41,508	..	-730	42,248	1,816
	2012	10	27	46,215	..	-461	46,686	2,003
	2013	9	30	43,716	..	-479	44,204	1,894
Pakistan	2010	3,225	12	6,658	..	47	9,837	58
	2011	3,297	11	6,113	..	54	9,356	54
	2012	*3,731	10	*7,402	..	*54	*11,079	*62
	2013	3,561	11	7,540	..	0	11,101	61
Philippines	2010	418	17	9,098	357	124	9,035	97
	2011	318	22	9,489	334	114	9,357	99
	2012	224	26	8,857	191	-110	8,999	94
	2013	257	27	7,676	190	51	7,692	79
Qatar	2010	35,683	46	..	31,633	..	4,050	2,294
	2011	35,692	47	..	31,863	..	3,829	2,010
	2012	35,797	46	..	31,767	..	4,030	1,999
	2013	35,226	46	..	29,133	..	6,093	2,900
Saudi Arabia	2010	406,992	75	..	288,813	-4,968	123,147	4,384
	2011	464,088	70	..	351,154	4,069	108,865	3,782
	2012	487,969	66	..	370,327	-4,924	122,566	4,155
	2013	480,352	68	..	375,945	-1,540	105,947	3,508
Singapore	2010	..	..	40,577	37	..	40,540	7,982
	2011	..	..	42,102	0	..	42,102	8,111
	2012	..	..	49,915	0	..	49,915	9,419
	2013	..	..	46,441	0	..	46,441	8,592
Sri Lanka	2010	..	..	1,819	..	66	1,753	87
	2011	..	..	1,932	..	-72	2,004	99
	2012	..	..	1,626	..	0	1,626	80
	2013	..	..	1,743	..	-188	1,931	94
Syrian Arab Republic	2010	19,785	17	0	8,138	-218	11,865	573
	2011	18,033	18	0	5,332	1,073	11,628	567
	2012	8,253	39	0	0	0	8,253	413
	2013	2,544	125	2,913	0	0	5,457	282
Tajikistan	2010	27	74	..	4	..	23	3
	2011	28	71	..	0	..	28	4
	2012	30	67	..	0	..	30	4
	2013	27	74	..	4	..	23	3
Thailand	2010	7,641	3	40,734	1,471	-863	47,767	716
	2011	6,982	4	39,596	1,620	*-1,531	46,489	695
	2012	7,430	5	43,003	2,052	*-139	48,520	722
	2013	7,455	6	42,054	1,359	-4,160	52,310	776
Timor-Leste	2010	4,379	..	..	*4,379	..	0	0
	2011	4,177	..	..	*4,177	..	0	0
	2012	3,965	..	..	*3,965	..	0	0
	2013	3,958	..	..	*3,958	..	0	0
Turkey	2010	2,508	18	16,954	..	-157	19,619	271
	2011	2,370	18	18,092	..	-318	20,780	283
	2012	2,338	18	19,488	..	277	21,549	288
	2013	2,399	18	18,556	..	84	20,871	274

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
Turkmenistan	2010	9,780	8	..	1,300	..	8,480	1,682
	2011	10,506	7	..	2,300	..	8,206	1,607
	2012	10,942	7	..	3,100	..	7,842	1,516
	2013	11,691	7	..	3,600	..	8,091	1,544
United Arab Emirates	2010	115,724	93	..	106,861	..	8,863	1,064
	2011	127,675	90	..	122,347	..	5,328	610
	2012	132,469	87	..	126,477	..	5,992	669
	2013	139,278	83	..	134,497	..	4,781	529
Uzbekistan	2010	3,770	19	..	..	..	3,770	136
	2011	3,550	23	..	..	..	3,550	126
	2012	3,165	26	..	..	..	3,165	111
	2013	2,997	27	..	..	..	2,997	103
Viet Nam	2010	15,014	41	492	8,072	759	6,675	76
	2011	15,185	39	629	8,240	692	6,882	77
	2012	16,739	35	728	9,251	595	7,621	84
	2013	16,705	35	1,312	8,398	0	9,619	105
Yemen	2010	12,669	26	..	8,773	..	3,896	165
	2011	9,416	41	..	6,789	..	2,627	108
	2012	7,396	51	..	5,881	..	1,515	61
	2013	8,283	45	..	4,960	..	3,323	130
Europe	2010	669,245	18	592,777	370,726	1,507	889,788	1,210
	2011	660,283	14	577,338	357,279	-4,376	884,718	1,201
	2012	651,051	15	585,042	341,534	376	894,183	1,213
	2013	642,947	15	557,320	335,655	3,638	860,973	1,167
Albania	2010	744	40	..	586	..	157	54
	2011	895	34	..	598	..	297	103
	2012	1,031	29	..	920	..	111	38
	2013	1,207	25	..	1,167	..	40	14
Austria	2010	877	7	6,795	..	-77	7,749	923
	2011	838	7	7,293	..	-167	8,298	985
	2012	839	8	7,473	..	-37	8,349	987
	2013	843	8	7,778	..	55	8,566	1,009
Belarus	2010	1,700	16	14,739	0	-60	16,499	1,738
	2011	1,682	16	20,436	1,676	-45	20,487	2,159
	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
Belgium	2010	..	..	33,284	..	-7	33,291	3,046
	2011	..	..	29,853	..	79	29,774	2,705
	2012	..	..	31,569	..	-80	31,649	2,857
	2013	..	..	27,618	..	-9	27,627	2,477
Bosnia and Herzegovina	2010	..	..	1,107	..	0	1,107	289
	2011	..	..	1,161	..	0	1,161	303
	2012	..	..	1,006	..	0	1,006	263
	2013	..	..	1,017	..	59	958	251
Bulgaria	2010	23	6,957	5,434	..	-24	5,481	740
	2011	22	7,273	4,989	..	-72	5,083	691
	2012	24	6,667	5,885	..	15	5,894	807
	2013	28	5,714	5,641	..	46	5,623	775
Croatia	2010	616	14	3,536	..	-11	4,163	964
	2011	580	15	2,838	..	145	3,273	761
	2012	549	17	2,325	..	-184	3,058	713
	2013	536	17	2,462	..	30	2,968	695

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
Czech Republic	2010	176	11	7,727	20	-18	7,901	752
	2011	165	10	6,925	19	-27	7,098	674
	2012	156	11	7,074	21	-38	7,247	687
	2013	154	11	6,552	25	17	6,664	632
Denmark	2010	12,157	9	2,712	7,702	-81	7,248	1,306
	2011	10,941	10	3,020	7,275	-34	6,720	1,205
	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
Finland	2010	..	..	10,770	..	120	10,650	1,984
	2011	..	..	11,036	..	-127	11,163	2,069
	2012	..	..	10,821	..	98	10,723	1,977
	2013	..	..	11,154	..	83	11,071	2,030
France	2010	896	15	64,087	0	-245	65,228	1,035
	2011	895	15	64,183	461	-456	65,073	1,028
	2012	807	17	56,568	183	405	56,787	893
	2013	793	17	55,484	68	594	55,615	871
Germany	2010	2,486	6	93,268	706	-422	95,470	1,187
	2011	2,627	8	90,519	375	-792	93,563	1,163
	2012	2,602	8	93,421	194	761	95,068	1,181
	2013	2,636	8	90,567	34	555	92,614	1,150
Greece	2010	115	9	20,129	847	20	19,377	1,734
	2011	98	10	16,514	684	-481	16,409	1,471
	2012	94	11	20,953	258	242	20,547	1,849
	2013	70	14	19,434	145	-497	19,856	1,796
Hungary	2010	734	5	5,731	0	76	6,389	638
	2011	659	5	5,887	0	-50	6,596	660
	2012	649	5	5,449	0	-22	6,120	615
	2013	598	6	5,377	61	-54	5,968	601
Ireland	2010	..	..	3,044	92	47	2,905	629
	2011	..	..	3,010	39	22	2,949	634
	2012	..	..	2,939	0	-129	3,068	657
	2013	..	..	2,933	0	95	2,838	608
Italy	2010	5,080	12	78,620	369	485	82,846	1,390
	2011	5,284	14	72,216	440	-1,098	78,158	1,309
	2012	5,397	14	68,826	881	-297	73,639	1,232
	2013	5,502	14	58,357	522	652	62,685	1,048
Lithuania	2010	115	17	9,006	111	25	8,985	2,877
	2011	114	18	8,930	80	-43	9,007	2,933
	2012	102	20	8,512	79	2	8,533	2,829
	2013	86	23	8,962	67	-31	9,012	3,041
Netherlands	2010	1,020	28	51,341	507	-247	52,101	3,133
	2011	1,081	27	48,969	394	-754	50,410	3,020
	2012	1,111	27	49,833	486	-271	50,729	3,029
	2013	1,122	26	47,327	545	55	47,849	2,847
Norway	2010	91,322	9	1,509	79,238	151	13,442	2,748
	2011	85,616	8	1,238	72,045	458	14,351	2,897
	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
Poland	2010	687	22	22,688	211	325	22,839	592
	2011	617	27	23,792	292	-52	24,169	626
	2012	681	24	24,633	211	25	25,078	650
	2013	962	17	23,347	403	-297	24,203	627

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
Portugal	2010	..	..	11,166	..	-131	11,297	1,067
	2011	..	..	10,344	..	69	10,275	973
	2012	..	..	11,058	..	4	11,054	1,051
	2013	..	..	12,209	..	297	11,912	1,139
Republic of Moldova	2010	11	..	0	..	-1	12	3
	2011	13	..	0	..	1	12	3
	2012	11	..	0	..	0	11	3
	2013	10	..	1	..	0	11	3
Romania	2010	4,168	13	5,822	78	-116	10,028	494
	2011	4,075	13	5,452	77	-141	9,591	477
	2012	3,860	14	5,128	49	115	8,824	442
	2013	4,043	13	5,299	60	-11	9,293	469
Russian Federation	2010	484,687	21	..	243,260	2,443	238,984	1,669
	2011	491,937	16	..	244,490	-503	247,950	1,731
	2012	497,425	16	..	236,716	-494	261,203	1,823
	2013	497,483	16	..	233,686	1,442	262,355	1,830
Serbia	2010	866	11	1,883	..	-108	2,857	315
	2011	1,020	10	1,389	..	50	2,359	261
	2012	1,125	9	1,017	..	-1	2,143	239
	2013	1,160	9	1,608	..	20	2,748	307
Slovakia	2010	13	63	5,465	13	12	5,453	1,009
	2011	15	56	6,022	15	31	5,991	1,107
	2012	11	67	5,376	12	-24	5,399	997
	2013	10	77	5,861	10	70	5,791	1,069
Spain	2010	123	163	52,461	..	-222	52,806	1,133
	2011	100	200	52,147	..	-81	52,328	1,120
	2012	142	141	58,807	..	-296	59,245	1,270
	2013	368	54	57,871	..	85	58,154	1,252
Sweden	2010	..	..	19,861	0	-200	20,061	2,138
	2011	..	..	18,799	33	91	18,675	1,974
	2012	..	..	20,673	29	-147	20,791	2,179
	2013	..	..	16,770	0	276	16,494	1,714
Switzerland	2010	..	..	4,488	..	0	4,488	570
	2011	..	..	4,359	..	13	4,346	546
	2012	..	..	3,397	..	2	3,395	421
	2013	..	..	4,850	..	4	4,846	594
T.F.Yug.Rep. Macedonia	2010	..	..	842	..	-11	853	414
	2011	..	..	689	..	-16	705	341
	2012	..	..	259	..	0	260	125
	2013	..	..	52	..	-8	60	29
Ukraine	2010	2,582	16	7,765	0	-52	10,399	228
	2011	2,438	16	5,679	0	82	8,035	177
	2012	2,290	16	1,522	0	-78	3,890	86
	2013	2,172	18	729	0	1	2,900	64
United Kingdom	2010	58,047	6	47,497	36,986	-164	68,722	1,096
	2011	48,571	7	49,649	28,286	-478	70,412	1,115
	2012	42,052	9	53,763	28,535	558	66,722	1,050
	2013	38,456	9	50,313	30,376	-84	58,477	914
Oceania	2010	23,254	15	27,255	16,445	455	33,609	923
	2011	21,886	20	31,150	16,862	-317	36,491	986
	2012	22,421	20	29,715	15,532	-266	36,870	980
	2013	19,567	22	30,091	13,973	-46	35,731	936

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
Australia	2010	20,444	16	21,373	13,661	392	27,764	1,253
	2011	19,775	21	25,045	14,826	-275	30,269	1,343
	2012	19,820	21	23,342	13,022	-163	30,303	1,323
	2013	17,164	24	23,717	11,715	-54	29,220	1,256
New Zealand	2010	2,463	8	4,901	2,342	38	4,984	1,141
	2011	2,111	9	5,135	2,036	-55	5,265	1,195
	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
Papua New Guinea	2010	347	26	981	442	25	861	126
	2011	0	..	970	0	13	957	137
	2012	748	16	1,100	747	44	1,057	148
	2013	811	15	1,202	794	-61	1,280	175

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.

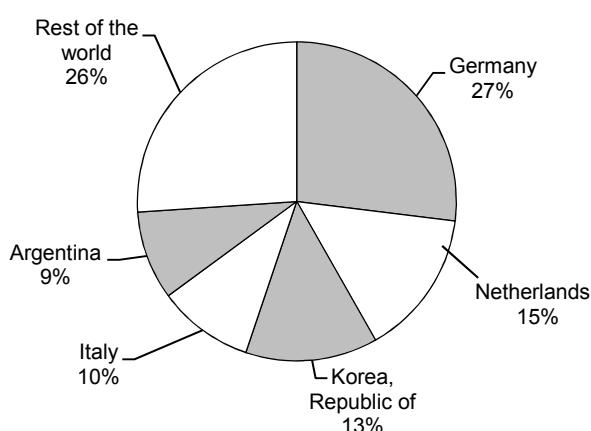
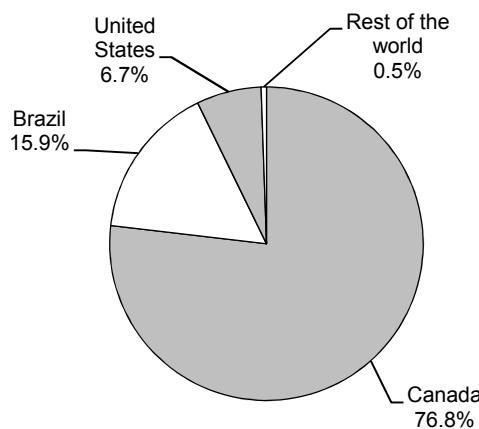
Figure 41: Major additives producing countries, 2013**Figure 42: Major other hydrocarbons producing countries, 2013**

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)
World	2010	4,631	2,976	49,866	8,835
	2011	4,301	3,124	52,974	9,068
	2012	4,242	2,336	55,486	12,281
	2013	4,215	3,109	57,169	13,353
Africa	2010	..	..	..	3,996
	2011	..	..	..	3,522
	2012	..	..	..	3,877
	2013	..	..	..	3,631
South Africa	2010	..	..	..	3,996
	2011	..	..	..	3,522
	2012	..	..	..	3,877
	2013	..	..	..	3,631
America, North	2010	360	2,679	40,196	1,984
	2011	371	2,861	43,325	1,989
	2012	406	2,135	45,819	2,359
	2013	364	2,898	47,918	2,237
Canada	2010	..	..	37,200	1,984
	2011	..	..	39,970	1,989
	2012	..	..	42,217	2,359
	2013	..	..	43,931	2,237
Mexico	2010	360	..	..	..
	2011	371	..	56	..
	2012	406	..	61	..
	2013	364	..	163	..
United States	2010	..	2,679	2,996	..
	2011	..	2,861	3,299	..
	2012	..	2,135	3,541	..
	2013	..	2,898	3,824	..
America, South	2010	448	..	9,483	..
	2011	391	..	9,467	..
	2012	431	..	9,442	..
	2013	414	..	9,102	..
Argentina	2010	418	..	..	..
	2011	355	..	..	..
	2012	393	..	..	..
	2013	379	..	..	..
Brazil	2010	..	..	9,483	..
	2011	..	..	9,467	..
	2012	..	..	9,442	..
	2013	..	..	9,102	..
Colombia	2010	30	..	..	..
	2011	36	..	..	..
	2012	38	..	..	..
	2013	35	..	..	..
Asia	2010	644	..	187	1,571
	2011	667	..	176	2,236
	2012	681	..	157	4,440
	2013	565	..	149	5,697
Korea, Republic of	2010	644	..	..	..
	2011	667	..	..	..
	2012	681	..	..	..
	2013	565	..	..	..

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)
Malaysia	2010	..	..	..	435
	2011	..	..	..	344
	2012	..	..	..	467
	2013	..	..	..	459
Qatar	2010	..	..	..	1,136
	2011	..	..	..	1,892
	2012	..	..	..	3,973
	2013	..	..	..	5,060
Turkey	2010	..	..	..	0
	2011	..	..	..	0
	2012	..	..	..	0
	2013	..	..	..	178
Uzbekistan	2010	..	..	187	..
	2011	..	..	176	..
	2012	..	..	157	..
	2013	..	..	149	..
Europe	2010	3,179	297	0	1,284
	2011	2,872	263	6	1,321
	2012	2,724	201	68	1,605
	2013	2,872	211	0	1,788
Bulgaria	2010	..	..	..	38
	2011	..	..	..	38
	2012	..	..	..	35
	2013	..	..	..	37
Croatia	2010	..	..	..	7
	2011	..	..	..	53
	2012	..	..	..	145
	2013	..	..	..	58
Czech Republic	2010	96	0	..	..
	2011	177	7	..	..
	2012	165	6	..	..
	2013	106	2	..	..
Estonia	2010	..	..	..	524
	2011	..	..	..	561
	2012	..	..	..	599
	2013	..	..	..	624
Finland	2010	67	4	..	210
	2011	60	4	..	192
	2012	70	7	..	196
	2013	70	0	..	235
France	2010	333	..	..	..
	2011	276	..	..	..
	2012	257	..	..	..
	2013	334	..	..	..
Germany	2010	1,294	..	..	..
	2011	1,286	..	..	..
	2012	1,193	..	..	..
	2013	1,137	..	..	..
Hungary	2010	..	6	0	..
	2011	..	10	6	..
	2012	..	0	68	..
	2013	..	4	0	..

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)
Ireland	2010	..	..	..	19
	2011	..	..	..	45
	2012	..	..	..	53
	2013	..	..	..	50
Italy	2010	802	100	..	..
	2011	496	45	..	..
	2012	389	0	..	..
	2013	411	0	..	..
Netherlands	2010	382	..	..	..
	2011	334	..	..	..
	2012	465	..	..	..
	2013	624	..	..	..
Norway	2010	133	..	..	..
	2011	142	..	..	..
	2012	113	..	..	..
	2013	90	..	..	..
Poland	2010	52	..	..	304
	2011	57	..	..	230
	2012	10	..	..	401
	2013	1	..	..	538
Romania	2010	..	0	..	46
	2011	..	0	..	49
	2012	..	21	..	49
	2013	..	0	..	65
Serbia	2010	13	..	..	..
	2011	13	..	..	..
	2012	5	..	..	..
	2013	15	..	..	28
Slovakia	2010	..	186	..	136
	2011	..	197	..	153
	2012	..	167	..	127
	2013	..	205	..	153
Switzerland	2010	..	1	..	..
	2011	..	0	..	..
	2012	..	0	..	..
	2013	..	0	..	..
Ukraine	2010	7	..	..	..
	2011	31	..	..	..
	2012	57	..	..	..
	2013	84	..	..	..

Table 15

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

Thousand metric tons

2012

Importers	Exporters							
	World	Algeria	Angola	Canada	Iran (Islamic Rep. of)	Iraq	Kazakhstan	Kuwait
Australia	23,342	33	..	..	..	..	..	..
Belarus	21,669	..	..	..	..	..	..	..
Belgium	31,569	..	284	..	25	1,216	..	..
Brazil	17,495	*971	..	..	..	1,247	..	..
Canada	38,786	*6,392	1,721	..	..	4,534	5,636	..
Chile	8,470	..	..	106	..	..	..	..
China	271,027	2,572	40,152	664	*18,903	15,684	10,704	10,490
Finland	10,821	..	..	..	..	..	..	..
France	56,568	*2,536	1,728	..	83	1,846	7,181	..
Germany	93,421	*2,066	428	..	96	839	5,430	591
Greece	20,953	..	..	..	*1,602	3,409	1,782	..
India	184,173	*701	9,662	140	*13,080	24,240	..	19,909
Indonesia	13,110	*270	601	..	..	..	..	..
Italy	68,826	*545	1,042	..	3,226	5,906	3,623	..
Japan	170,309	..	600	..	*6,318	3,786	..	15,215
Korea, Republic of	128,275	*84	..	..	*6,855	12,365	..	18,810
Netherlands	49,833	*1,426	1,002	..	35	2,728	1,458	3,343
Philippines	8,857	..	..	..	*128	..	..	..
Poland	24,633	*93	..	..	..	120	..	..
Portugal	11,058	*1,026	2,613	..	..	291	1,043	..
Singapore	49,915	..	..	..	*530	1,361	..	4,303
South Africa	21,556	..	3,356	..	1,502	..	..	..
Spain	58,807	*1,458	1,920	135	*949	4,933	392	..
Sweden	20,673	..	28	..	..	99	..	..
Thailand	43,003	*687	383	..	..	74	..	619
Turkey	19,488	..	..	..	7,559	3,739	1,414	..
United Kingdom	53,763	*2,885	1,518	359	..	..	..	..
United States	421,949	*5,248	10,974	*91,173	..	23,524	..	14,985

Table 15

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

Thousand metric tons

2012

Exporters								
Libya	Mexico	Nigeria	Norway	Russian Federation	Saudi Arabia	United Arab Emirates	United Kingdom	Venezuela (Bolivar. Rep.)
766	..	3,011	..	1,053	173	3,679	122	..
..	..	..	..	21,338	..	..	..	330
446	95	4,599	2,324	11,616	7,184	..	1,378	496
..	..	8,429	..	120	3,544	..	..	..
..	1,245	2,802	2,660	235	3,671	..	1,353	352
..	..	..	131	..	..	..	138	..
7,306	1,015	937	..	24,329	53,915	8,744	265	15,291
..	..	..	1,143	9,678	..	..	..	..
6,370	..	3,609	4,748	8,068	7,838	..	1,338	90
8,613	87	6,652	9,349	34,701	2,381	..	13,261	707
2,674	..	8	..	6,970	3,871	..	..	..
1,364	3,773	15,053	..	148	33,619	15,739	..	17,456
599	..	3,069	..	392	3,850	..	..	..
14,345	..	2,397	538	9,294	9,875	..	..	..
297	..	525	..	9,548	56,722	39,833	..	140
716	..	..	2,553	4,248	40,463	11,384	3,360	..
734	123	5,978	5,179	14,929	5,716	..	4,956	223
..	..	..	..	1,068	3,983	2,176	..	..
..	..	..	828	23,518	59	..	..	..
489	137	639	..	380	61	..	..	283
173	..	..	60	856	11,975	13,430	..	..
..	..	4,310	..	..	8,518	538	..	..
4,882	8,662	8,414	83	8,201	7,848	..	..	2,574
..	..	1,276	5,210	8,740	..	..	1,136	955
..	..	495	..	2,368	7,443	16,299	..	..
1,021	..	397	..	2,113	2,825	..	..	..
2,925	..	6,744	25,270	6,583	532	..	..	867
2,751	48,205	20,065	1,262	5,005	67,312	..	871	45,218

Table 15

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

Thousand metric tons

2013

Importers	Exporters							
	World	Algeria	Angola	Canada	Iran (Islamic Rep. of)	Iraq	Kazakhstan	Kuwait
Australia	23,717	..	..	..	..	..	..	..
Belarus	21,261	..	..	..	..	..	..	..
Belgium	27,618	..	402	..	..	302	..	275
Brazil	20,006	*1,368	762	..	..	959	..	..
Canada	35,852	*3,296	1,127	..	..	3,100	2,910	141
Chile	9,259	..	..	908	..	..	..	..
China	281,742	1,835	40,010	404	21,412	23,513	11,981	9,343
Finland	11,154	*183	..	..	..	..	101	..
France	55,484	*3,027	1,583	302	..	1,248	7,220	219
Germany	90,567	*2,307	796	93	..	799	7,128	563
Greece	19,434	*154	..	..	..	6,202	1,615	..
India	189,238	*349	8,527	..	10,663	26,670	439	20,468
Indonesia	16,015	*379	255	..	..	..	..	80
Italy	58,357	*1,514	901	375	..	5,094	4,179	79
Japan	168,028	*126	170	..	6,276	2,902	142	14,415
Korea, Republic of	122,580	*80	28	..	6,279	12,044	..	18,782
Netherlands	47,327	*542	1,337	..	..	1,148	714	3,251
Philippines	7,676	..	..	..	..	..	..	..
Poland	23,347	..	..	..	..	..	5	..
Portugal	12,209	*410	4,352	..	..	407	859	..
Singapore	46,441	..	171	38	..	3,596	33	3,484
South Africa	23,304	..	2,444	..	..	..	..	..
Spain	57,871	*2,814	3,595	135	..	2,008	1,072	..
Sweden	16,770	..	..	..	..	142	..	..
Thailand	42,054	*402	224	..	..	..	..	432
Turkey	18,556	..	..	..	5,256	5,999	1,544	..
United Kingdom	50,313	*5,493	1,481	1,733	..	..	80	..
United States	381,281	*1,251	9,925	*102,059	..	16,811	..	16,057

Table 15

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

Thousand metric tons

2013

Exporters								
Libya	Mexico	Nigeria	Norway	Russian Federation	Saudi Arabia	United Arab Emirates	United Kingdom	Venezuela (Bolivar. Rep.)
1,369	..	2,545	42	778	..	3,482	..	..
..	..	..	..	21,261	..	..	..	..
94	63	2,889	2,626	12,443	5,451	..	1,452	437
164	..	10,359	..	..	3,668	..	..	125
85	1,384	3,385	5,070	220	4,408	..	2,249	406
..	..	..	344	..	..	..	622	87
2,395	1,097	1,052	..	24,348	53,903	10,276	200	15,552
..	..	..	415	9,688	..	..	235	..
4,771	..	4,852	5,009	6,414	10,157	141	1,877	..
6,650	198	7,306	10,953	31,480	2,433	31	9,445	325
1,593	..	..	..	7,035	1,618	..	..	..
1,025	5,219	15,263	..	113	39,231	14,823	..	22,516
436	..	3,684	..	233	4,983	30	..	..
7,620	..	2,998	625	10,391	6,756	30	330	..
130	75	268	113	12,867	56,695	40,833	..	666
511	..	..	298	5,441	38,304	14,993	2,794	..
880	98	4,109	6,071	13,332	4,851	..	5,141	506
..	..	..	..	1,480	3,361	1,141	..	..
..	..	..	757	22,270	..	..	246	..
155	..	772	..	783	1,052	..	..	..
46	..	..	..	1,481	8,516	13,438	..	..
..	..	4,336	..	140	9,723	307	24	..
2,849	8,941	7,611	870	8,127	8,140	..	399	2,371
102	..	1,896	4,707	6,575	..	..	262	1,013
83	..	221	66	2,283	7,740	18,532	76	..
675	..	479	..	1,462	2,755	..	..	..
2,092	..	6,034	20,371	3,751	1,903	..	..	541
2,144	41,946	11,811	823	2,079	65,347	121	1,040	37,224

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.

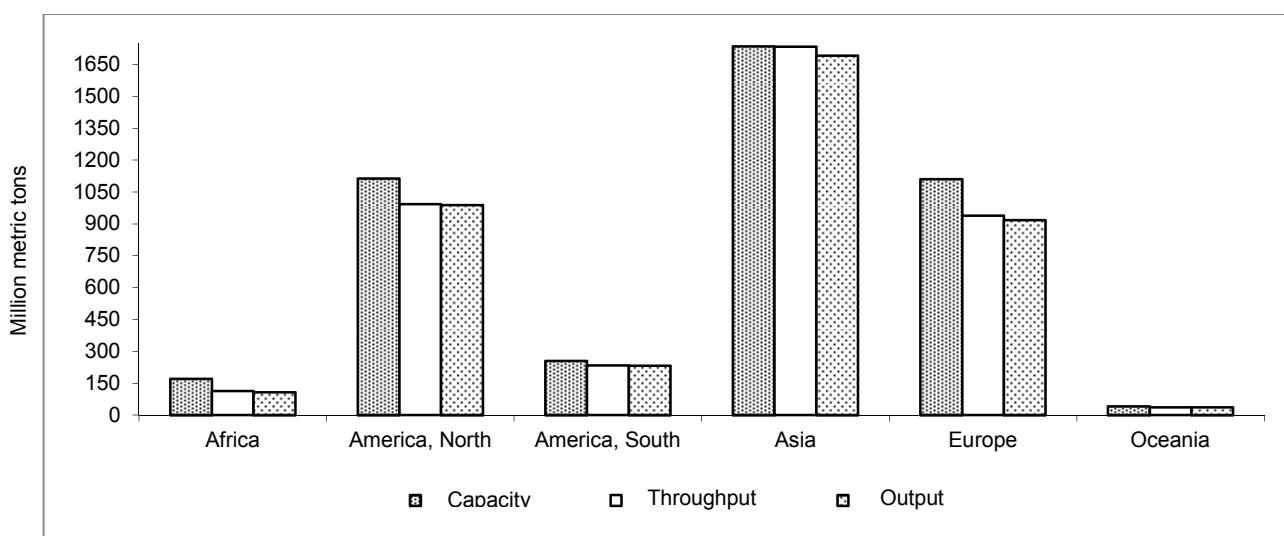
Figure 43: Refinery distillation capacity, throughput and output, by region, 2013

Figure 44: Total refinery distillation capacity by region, 1990-2013

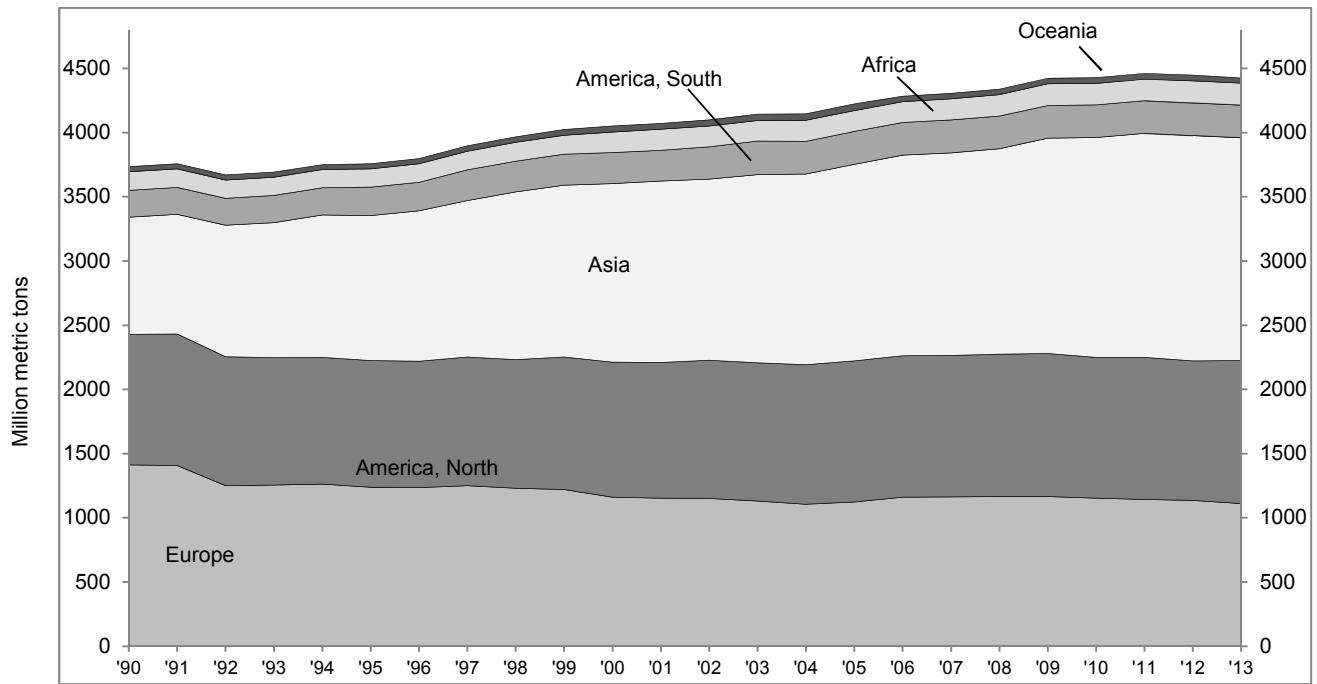


Table 16**Refinery distillation capacity, throughput and output**

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
World	2010	4,428,768	3,965,589	3,911,996
	2011	4,461,755	4,000,530	3,954,049
	2012	4,446,870	4,054,777	3,971,543
	2013	4,425,307	4,050,328	3,974,628
Africa	2010	167,627	121,163	118,665
	2011	168,677	113,193	108,378
	2012	171,604	112,339	109,396
	2013	170,878	112,658	107,890
Algeria	2010	29,526	27,292	26,402
	2011	29,526	25,995	25,320
	2012	32,459	23,710	23,007
	2013	32,459	24,154	23,975
Angola	2010	2,750	1,883	1,864
	2011	2,750	1,953	1,906
	2012	2,750	2,062	1,963
	2013	2,750	2,268	2,187
Cameroon	2010	1,845	2,063	2,057
	2011	1,845	2,148	2,142
	2012	1,845	2,247	2,240
	2013	1,845	2,372	2,365
Congo	2010	1,047	675	655
	2011	1,047	603	575
	2012	1,047	874	833
	2013	1,047	915	871
Côte d'Ivoire	2010	3,192	2,983	3,067
	2011	3,192	2,425	2,249
	2012	3,192	3,448	3,224
	2013	3,192	3,822	3,576
Egypt	2010	36,222	28,921	29,379
	2011	36,228	30,387	28,502
	2012	36,222	27,230	27,790
	2013	36,222	25,598	24,010
Gabon	2010	1,198	938	936
	2011	1,198	934	933
	2012	1,198	986	986
	2013	1,198	1,044	1,044
Ghana	2010	2,244	903	975
	2011	2,244	1,091	1,000
	2012	2,244	524	474
	2013	2,244	438	424
Kenya	2010	4,492	1,426	1,473
	2011	4,488	1,707	1,689
	2012	4,488	969	968
	2013	4,488	627	597
Liberia	2010	749	..	..
	2011	749	..	..
	2012	749	..	..
	2013	..	..	..
Libya	2010	18,852	16,477	16,147
	2011	18,852	5,534	5,423
	2012	18,852	8,206	8,042
	2013	18,852	7,314	7,168

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Mauritania	2010	*1,000	..	..
	2011	948	..	..
	2012	948	..	..
	2013	948	..	..
Morocco	2010	6,500	6,328	5,754
	2011	6,500	7,072	6,979
	2012	6,500	7,563	7,049
	2013	6,500	7,238	6,862
Niger	2010	0	0	0
	2011	*1,200	80	57
	2012	*1,200	611	560
	2013	*1,200	886	784
Nigeria	2010	22,195	4,941	4,885
	2011	22,195	5,887	5,868
	2012	22,195	4,919	4,673
	2013	22,195	5,307	5,047
Senegal	2010	1,248	726	572
	2011	1,248	803	714
	2012	1,248	778	768
	2013	1,248	862	764
Sierra Leone	2010	498	..	..
	2011	498	..	..
	2012	498	..	..
	2013	498	..	..
South Africa	2010	24,267	19,734	18,786
	2011	24,167	20,790	19,440
	2012	24,167	21,806	20,569
	2013	24,190	23,517	22,254
Sudan	2010	..	..	..
	2011	..	..	..
	2012	6,074	4,008	3,905
	2013	6,074	3,978	3,734
Sudan (former)	2010	6,074	4,989	4,868
	2011	6,074	4,487	4,326
	2012	..	..	..
	2013	..	..	..
Tunisia	2010	1,800	259	257
	2011	1,800	719	712
	2012	1,800	1,743	1,728
	2013	1,800	1,692	1,640
United Rep. of Tanzania	2010	743	..	..
	2011	743	..	..
	2012	743	..	..
	2013	743	..	..
Zambia	2010	1,185	625	588
	2011	1,185	577	543
	2012	1,185	655	616
	2013	1,185	627	589
America, North	2010	1,098,339	986,800	1,008,904
	2011	1,107,347	993,582	1,018,663
	2012	1,086,663	975,110	974,312
	2013	1,113,447	993,303	988,277

Table 16**Refinery distillation capacity, throughput and output**

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Aruba	2010	11,463	*10,572	*10,067
	2011	11,463	*10,550	*10,050
	2012	11,463	*2,580	*2,440
	2013	*11,463	0	0
Canada	2010	94,863	94,931	97,482
	2011	95,683	89,876	93,904
	2012	95,249	93,298	94,928
	2013	97,594	90,920	92,807
Costa Rica	2010	1,247	511	503
	2011	1,247	151	150
	2012	1,197	0	0
	2013	1,197	0	0
Cuba	2010	5,827	*5,053	5,003
	2011	5,985	*4,962	4,871
	2012	6,135	5,145	5,107
	2013	6,135	*5,178	4,961
Curaçao	2010	..	..	..
	2011	..	..	..
	2012	15,971	9,105	8,619
	2013	15,971	9,314	9,044
Dominican Republic	2010	1,721	1,393	1,335
	2011	1,721	1,321	1,261
	2012	1,721	1,234	1,163
	2013	1,721	1,337	1,295
El Salvador	2010	1,097	834	808
	2011	1,097	772	743
	2012	1,097	549	528
	2013	1,097	0	0
Guatemala	2010	748	74	70
	2011	748	86	81
	2012	748	72	71
	2013	748	60	59
Jamaica	2010	1,795	1,144	1,152
	2011	1,795	1,211	1,215
	2012	1,795	1,204	1,185
	2013	1,795	1,167	1,139
Martinique	2010	864	*862	*861
	2011	864	*908	*909
	2012	864	*908	*924
	2013	864	*908	*924
Mexico	2010	76,808	66,094	66,005
	2011	76,808	66,292	65,503
	2012	76,808	66,589	65,931
	2013	76,808	70,403	69,691
Neth. Antilles (former)	2010	15,971	4,512	4,453
	2011	15,971	8,818	8,718
	2012	..	..	..
	2013	..	..	..
Nicaragua	2010	997	795	768
	2011	997	803	780
	2012	997	538	518
	2013	997	717	682

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Trinidad and Tobago	2010	8,379	6,502	6,187
	2011	8,379	7,076	6,855
	2012	8,379	5,517	5,415
	2013	8,379	6,817	6,613
United States	2010	876,559	793,522	814,209
	2011	884,589	800,757	823,622
	2012	864,239	788,372	787,482
	2013	888,678	806,482	801,062
America, South	2010	255,236	233,265	227,553
	2011	253,917	234,619	230,726
	2012	254,531	236,789	236,428
	2013	254,716	234,466	233,085
Argentina	2010	31,276	31,353	29,324
	2011	31,472	29,993	29,192
	2012	31,472	31,223	31,128
	2013	31,472	30,377	28,044
Bolivia (Plur. State of)	2010	3,476	2,088	2,025
	2011	3,476	2,180	2,115
	2012	3,708	2,527	2,451
	2013	3,584	2,491	2,416
Brazil	2010	107,313	91,875	94,100
	2011	106,286	94,555	96,038
	2012	106,812	98,498	101,717
	2013	104,993	104,992	108,480
Chile	2010	11,312	9,566	8,668
	2011	11,312	10,583	8,892
	2012	11,312	10,398	9,022
	2013	11,312	10,373	9,378
Colombia	2010	*15,960	15,079	13,876
	2011	15,472	15,473	14,898
	2012	15,328	15,328	15,574
	2013	17,456	14,533	14,910
Ecuador	2010	8,778	7,782	7,249
	2011	8,778	8,808	8,614
	2012	8,778	8,630	8,461
	2013	8,778	7,992	7,848
Paraguay	2010	370	..	..
	2011	370	..	..
	2012	370	..	..
	2013	370	..	..
Peru	2010	9,923	12,014	11,626
	2011	9,923	9,424	9,480
	2012	9,923	8,947	8,818
	2013	9,923	8,846	8,945
Suriname	2010	390	848	849
	2011	390	908	911
	2012	390	926	931
	2013	390	910	1,000
Uruguay	2010	2,493	1,889	1,893
	2011	2,493	1,329	1,302
	2012	2,493	1,934	1,923
	2013	2,493	2,083	2,072

Table 16**Refinery distillation capacity, throughput and output**

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Venezuela (Bolivar. Rep.)	2010	63,945	60,771	57,943
	2011	63,945	61,366	59,283
	2012	63,945	58,378	56,403
	2013	63,945	51,869	49,993
Asia	2010	1,710,891	1,626,691	1,574,973
	2011	1,744,717	1,659,079	1,618,102
	2012	1,752,784	1,727,067	1,679,117
	2013	1,735,213	1,734,176	1,691,012
Azerbaijan	2010	16,000	6,306	6,318
	2011	16,000	6,339	6,200
	2012	16,000	6,205	6,056
	2013	16,000	6,571	6,375
Bahrain	2010	14,000	13,316	13,258
	2011	12,660	12,914	12,857
	2012	12,660	13,315	13,505
	2013	12,660	13,307	13,190
Bangladesh	2010	1,646	1,284	1,272
	2011	1,646	1,402	1,344
	2012	1,646	1,261	1,193
	2013	1,646	1,383	1,347
Brunei Darussalam	2010	*1,000	650	615
	2011	*1,000	627	573
	2012	*1,000	471	418
	2013	*1,000	559	485
China	2010	339,451	457,356	440,534
	2011	342,443	483,202	468,311
	2012	352,419	514,345	496,858
	2013	352,419	542,489	526,665
Georgia	2010	*5,440	0	0
	2011	*5,440	0	0
	2012	*5,440	9	7
	2013	*5,440	0	0
India	2010	187,386	215,168	205,839
	2011	213,066	215,006	214,526
	2012	215,066	231,799	229,362
	2013	216,597	232,407	227,580
Indonesia	2010	52,410	49,469	40,668
	2011	57,711	49,853	45,130
	2012	57,711	47,666	44,942
	2013	46,957	48,192	46,517
Iran (Islamic Rep. of)	2010	86,893	97,784	101,719
	2011	88,441	100,950	104,504
	2012	72,369	103,081	107,465
	2013	58,204	90,853	96,671
Iraq	2010	44,674	25,747	25,684
	2011	40,898	27,796	27,300
	2012	41,397	29,176	28,568
	2013	41,397	29,747	29,330
Israel	2010	12,500	12,814	12,506
	2011	12,500	12,408	12,032
	2012	12,500	11,865	11,720
	2013	*14,000	13,772	13,604

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Japan	2010	235,905	180,404	178,127
	2011	235,905	170,682	169,014
	2012	237,201	170,470	168,465
	2013	220,593	173,477	171,380
Jordan	2010	*5,977	3,441	3,375
	2011	*5,977	3,283	3,197
	2012	*5,977	3,650	3,514
	2013	*5,977	3,183	3,122
Kazakhstan	2010	17,212	*14,012	13,170
	2011	17,212	*14,444	13,627
	2012	17,212	14,473	13,528
	2013	17,212	14,775	13,762
Korea, Dem.Ppl's.Rep.	2010	3,541	528	510
	2011	3,541	526	508
	2012	3,541	527	508
	2013	3,541	535	517
Korea, Republic of	2010	135,736	122,338	119,614
	2011	137,631	130,662	127,495
	2012	147,556	133,852	131,006
	2013	147,556	128,952	126,256
Kuwait	2010	46,683	44,007	42,733
	2011	46,683	42,014	40,974
	2012	46,683	45,273	42,128
	2013	46,683	43,767	41,381
Kyrgyzstan	2010	499	101	97
	2011	499	92	90
	2012	499	84	81
	2013	499	83	77
Malaysia	2010	*26,862	*22,080	21,424
	2011	26,862	23,943	23,040
	2012	26,862	26,720	25,114
	2013	26,862	25,784	24,086
Myanmar	2010	2,843	882	773
	2011	2,843	827	789
	2012	2,843	690	648
	2013	*2,843	552	509
Oman	2010	11,072	8,188	7,847
	2011	11,072	9,965	9,929
	2012	11,072	9,886	9,876
	2013	11,072	9,160	9,160
Other Asia	2010	65,337	46,050	44,598
	2011	65,337	44,084	41,883
	2012	65,337	48,871	45,973
	2013	65,382	45,856	43,382
Pakistan	2010	13,150	9,774	9,502
	2011	13,080	9,191	8,936
	2012	*13,080	*10,746	*10,340
	2013	13,080	11,101	10,881
Philippines	2010	13,616	8,691	8,423
	2011	13,616	9,204	8,909
	2012	13,616	8,237	7,954
	2013	13,616	7,657	7,384

Table 16**Refinery distillation capacity, throughput and output**

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Qatar	2010	16,893	13,685	13,575
	2011	16,893	12,937	12,912
	2012	16,893	13,618	13,478
	2013	16,893	14,920	12,639
Saudi Arabia	2010	103,741	95,682	93,806
	2011	105,337	93,813	91,974
	2012	105,337	97,530	95,618
	2013	125,287	93,401	91,570
Singapore	2010	67,681	*50,562	49,945
	2011	67,681	*53,626	51,732
	2012	67,681	*56,605	52,611
	2013	67,057	*51,253	48,761
Sri Lanka	2010	2,350	1,753	1,664
	2011	2,350	2,004	1,740
	2012	2,350	1,626	1,495
	2013	2,350	1,743	1,569
Syrian Arab Republic	2010	11,963	11,865	11,721
	2011	11,963	11,628	11,546
	2012	11,963	8,253	8,152
	2013	11,963	5,457	5,392
Tajikistan	2010	*100	23	21
	2011	*100	28	25
	2012	*100	30	27
	2013	150	23	*21
Thailand	2010	61,321	47,581	39,532
	2011	61,321	46,679	39,148
	2012	61,670	48,715	41,169
	2013	62,419	*52,335	45,359
Turkey	2010	35,625	20,096	19,907
	2011	35,625	22,350	22,170
	2012	35,625	23,332	23,139
	2013	35,625	24,207	23,995
Turkmenistan	2010	11,819	8,732	8,650
	2011	11,819	8,433	8,330
	2012	11,819	8,036	7,935
	2013	11,819	8,109	7,911
United Arab Emirates	2010	34,414	23,424	24,600
	2011	34,414	26,025	25,758
	2012	34,508	25,904	25,437
	2013	35,262	26,345	28,068
Uzbekistan	2010	11,186	3,860	3,883
	2011	11,186	3,636	3,583
	2012	11,186	3,245	3,204
	2013	11,186	3,075	3,058
Viet Nam	2010	6,983	5,507	5,701
	2011	6,983	6,150	5,771
	2012	6,983	6,200	6,382
	2013	6,983	6,063	6,072
Yemen	2010	6,983	3,531	3,363
	2011	6,983	2,356	2,244
	2012	6,983	1,302	1,240
	2013	6,983	3,084	2,937

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Europe	2010	1,151,953	960,617	945,762
	2011	1,142,226	961,142	940,196
	2012	1,136,392	965,085	935,737
	2013	1,110,473	938,788	917,831
Albania	2010	1,500	157	157
	2011	1,500	297	297
	2012	1,500	111	111
	2013	1,500	40	44
Austria	2010	10,404	8,155	7,986
	2011	10,404	8,997	8,816
	2012	9,645	8,868	8,801
	2013	10,169	8,978	8,917
Belarus	2010	24,605	16,455	16,220
	2011	24,605	20,474	20,187
	2012	24,605	21,667	21,375
	2013	24,605	21,156	20,880
Belgium	2010	36,924	35,476	35,094
	2011	36,899	33,339	32,782
	2012	36,293	35,155	34,828
	2013	36,293	32,361	32,145
Bosnia and Herzegovina	2010	*1,320	1,209	1,161
	2011	*1,320	1,313	1,260
	2012	11,970	1,119	1,079
	2013	*11,970	1,036	965
Bulgaria	2010	5,748	6,119	5,970
	2011	5,748	6,171	5,999
	2012	5,748	6,614	6,425
	2013	5,748	6,648	6,443
Croatia	2010	12,485	4,267	4,231
	2011	12,485	3,613	3,591
	2012	12,485	3,727	3,707
	2013	12,485	3,389	3,357
Czech Republic	2010	9,127	8,251	8,174
	2011	9,127	7,510	7,417
	2012	9,127	7,662	7,587
	2013	9,127	7,001	6,969
Denmark	2010	8,698	7,246	6,985
	2011	8,698	6,817	6,557
	2012	8,698	7,635	7,427
	2013	8,698	7,173	6,989
Finland	2010	12,893	14,212	13,911
	2011	12,996	15,055	14,794
	2012	12,996	14,415	14,293
	2013	12,996	14,837	14,758
France	2010	91,961	72,030	71,374
	2011	85,725	72,217	71,630
	2012	87,153	61,406	60,903
	2013	75,233	58,296	57,891
Germany	2010	120,582	103,623	101,450
	2011	120,557	101,977	99,740
	2012	112,082	102,874	100,742
	2013	112,082	100,062	97,921

Table 16**Refinery distillation capacity, throughput and output**

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Greece	2010	21,097	22,223	22,197
	2011	21,097	19,355	19,253
	2012	21,097	23,917	23,766
	2013	21,097	24,251	24,033
Hungary	2010	8,030	8,536	8,475
	2011	8,030	8,264	8,234
	2012	8,030	7,862	7,818
	2013	8,030	7,681	7,644
Ireland	2010	3,541	2,905	2,880
	2011	3,541	2,964	2,918
	2012	3,541	3,073	3,019
	2013	3,541	2,850	2,788
Italy	2010	116,570	90,795	90,131
	2011	116,570	86,065	85,642
	2012	109,488	82,020	81,598
	2013	105,523	70,111	69,628
Lithuania	2010	9,476	9,288	9,196
	2011	9,476	9,468	9,376
	2012	9,476	9,059	8,977
	2013	9,476	9,584	9,486
Netherlands	2010	60,280	58,710	58,334
	2011	59,679	58,286	57,212
	2012	59,585	57,543	56,877
	2013	59,560	55,344	55,236
Norway	2010	15,910	14,561	14,050
	2011	15,910	15,795	15,686
	2012	15,910	15,641	15,023
	2013	15,910	16,429	16,018
Poland	2010	24,586	24,348	23,563
	2011	24,586	25,738	24,851
	2012	24,586	26,767	25,700
	2013	24,586	25,707	25,012
Portugal	2010	15,171	11,914	11,912
	2011	15,171	10,820	10,820
	2012	15,171	11,673	11,672
	2013	15,171	13,941	13,941
Republic of Moldova	2010	..	20	21
	2011	..	19	19
	2012	..	17	18
	2013	..	20	19
Romania	2010	26,797	10,968	10,968
	2011	26,797	10,446	10,445
	2012	26,797	9,850	9,850
	2013	23,032	10,122	10,122
Russian Federation	2010	270,868	249,997	244,619
	2011	270,868	260,057	248,339
	2012	274,314	274,310	253,725
	2013	274,314	278,600	265,029
Serbia	2010	10,715	2,891	2,890
	2011	10,715	2,462	2,462
	2012	10,715	2,260	2,260
	2013	10,715	3,046	3,046

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Slovakia	2010	5,736	6,118	6,087
	2011	5,736	6,690	6,662
	2012	5,736	5,907	5,877
	2013	5,736	6,572	6,552
Slovenia	2010	674	..	..
	2011	674	..	..
	2012	674	..	..
	2013	674	..	..
Spain	2010	63,416	58,154	57,644
	2011	63,416	57,152	56,649
	2012	63,416	61,892	61,346
	2013	64,414	61,037	60,501
Sweden	2010	21,796	21,231	20,769
	2011	21,796	19,914	19,622
	2012	21,796	22,105	21,410
	2013	21,796	18,137	17,584
Switzerland	2010	6,584	4,546	4,513
	2011	3,591	4,441	4,407
	2012	3,591	3,454	3,424
	2013	3,591	4,933	4,914
T.F.Yug.Rep. Macedonia	2010	2,494	875	828
	2011	2,494	725	680
	2012	2,494	261	244
	2013	2,494	80	78
Ukraine	2010	43,878	11,787	11,103
	2011	43,878	9,641	9,353
	2012	43,878	5,073	4,968
	2013	43,878	3,944	4,060
United Kingdom	2010	88,088	73,550	72,868
	2011	88,138	75,061	74,496
	2012	83,795	71,148	70,888
	2013	76,029	65,423	64,861
Oceania	2010	44,721	37,053	36,140
	2011	44,870	38,915	37,985
	2012	44,895	38,387	36,553
	2013	40,581	36,936	36,533
Australia	2010	37,763	30,928	30,099
	2011	37,913	32,588	31,710
	2012	37,938	31,758	29,962
	2013	33,623	30,250	29,896
New Zealand	2010	5,337	5,170	5,151
	2011	5,337	5,372	5,370
	2012	5,337	5,577	5,577
	2013	5,337	5,363	5,342
Papua New Guinea	2010	1,621	955	890
	2011	1,621	955	905
	2012	1,621	1,052	1,014
	2013	1,621	1,323	1,295

Table 17**Production, trade and supply of liquefied petroleum gas (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.

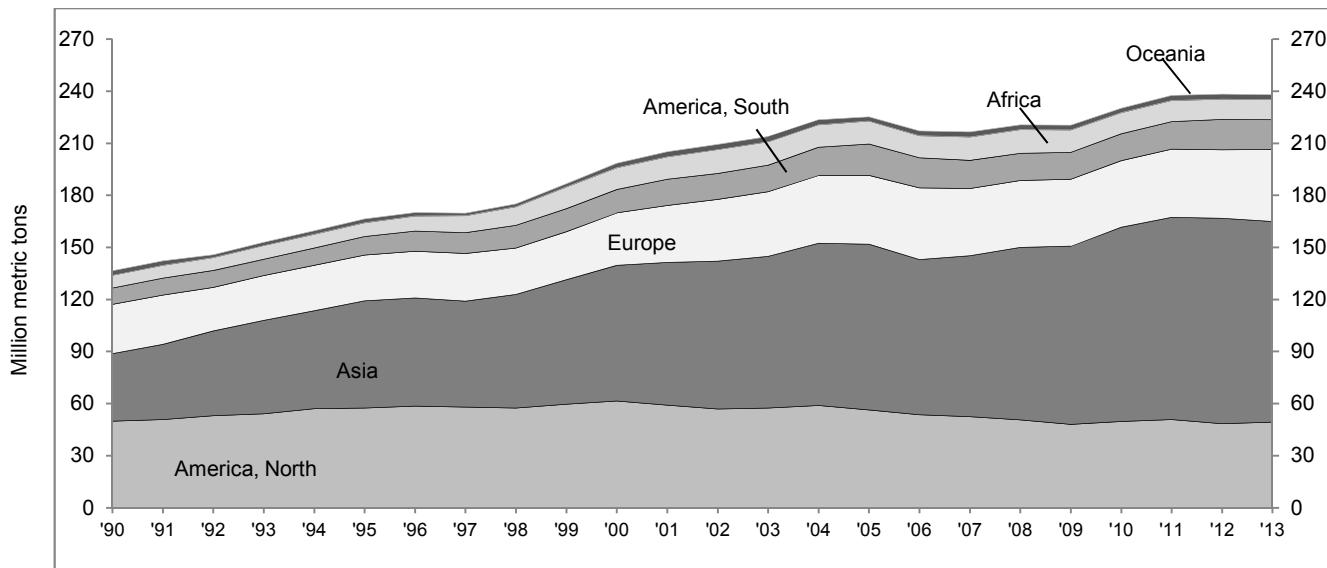
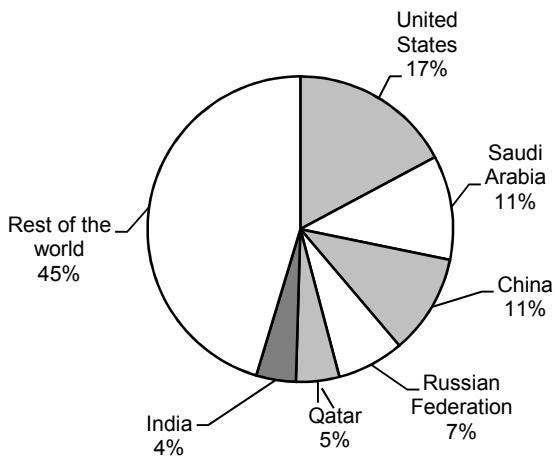
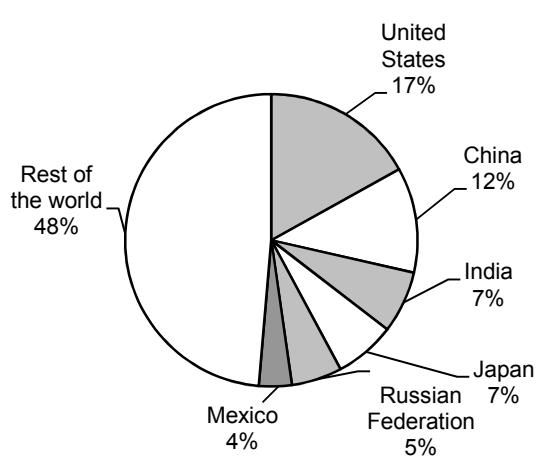
Figure 45: World LPG production by region, 1990-2013**Figure 46: Major LPG producing countries, 2013****Figure 47: Major LPG consuming countries, 2013**

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	2010	230,270	69,490	76,154	-904	224,510	32
	2011	237,575	77,068	80,493	1,534	232,616	33
	2012	238,324	77,981	79,521	1,940	234,844	33
	2013	237,985	79,886	75,395	-939	243,414	34
Africa	2010	12,253	5,423	6,550	-247	11,372	11
	2011	12,055	5,443	6,522	-83	11,058	10
	2012	11,673	5,658	6,095	-77	11,314	10
	2013	11,755	5,684	5,982	-73	11,529	10
Algeria	2010	8,162	..	5,922	-6	2,246	62
	2011	8,014	..	6,019	2	1,993	54
	2012	7,429	..	5,505	28	1,896	51
	2013	7,484	..	5,346	-4	2,142	56
Angola	2010	567	0	423	..	144	7
	2011	596	0	445	..	151	7
	2012	592	64	402	..	254	11
	2013	704	91	529	..	266	11
Benin	2010	..	15	4	2	9	1
	2011	..	15	4	0	11	1
	2012	..	16	4	0	12	1
	2013	..	17	4	0	13	1
Botswana	2010	..	32	..	..	32	16
	2011	..	34	..	..	34	16
	2012	..	35	..	..	35	16
	2013	..	38	..	..	38	17
Burkina Faso	2010	..	27	..	0	27	2
	2011	..	37	..	0	37	2
	2012	..	46	..	0	46	3
	2013	..	46	..	0	46	3
Burundi	2010	..	*2	..	..	*2	0
	2011	..	*2	..	..	*2	0
	2012	..	*2	..	..	*2	0
	2013	..	*2	..	..	*2	0
Cabo Verde	2010	..	11	..	..	11	22
	2011	..	11	..	..	11	22
	2012	..	11	..	..	11	21
	2013	..	11	..	..	11	21
Cameroon	2010	20	36	..	..	56	3
	2011	21	35	..	..	56	3
	2012	22	35	..	..	57	3
	2013	23	35	..	..	58	3
Chad	2010	..	*1	..	..	*1	0
	2011	..	*1	..	..	*1	0
	2012	..	*1	..	..	*1	0
	2013	..	*1	..	..	*1	0
Congo	2010	12	2	..	3	11	3
	2011	7	4	..	0	11	3
	2012	10	1	..	0	11	3
	2013	10	1	..	0	11	3
Côte d'Ivoire	2010	19	117	9	-2	129	6
	2011	12	85	2	0	95	5
	2012	13	104	2	0	115	5
	2013	14	106	2	0	118	5

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	2010	..	*20	..	..	*20	*24
	2011	..	*20	..	..	*20	*24
	2012	..	*20	..	..	*20	*23
	2013	..	*20	..	..	*20	*23
Egypt	2010	1,896	2,286	..	-211	4,393	54
	2011	1,980	2,184	..	0	4,164	50
	2012	1,996	2,077	..	0	4,073	48
	2013	2,102	2,013	..	0	4,115	47
Equatorial Guinea	2010	..	*20	..	..	*20	*27
	2011	..	*20	..	..	*20	*27
	2012	..	*20	..	..	*20	*26
	2013	..	*20	..	..	*20	*25
Eritrea	2010	..	2	..	..	2	0
	2011	..	2	..	..	2	0
	2012	..	2	..	..	2	0
	2013	..	2	..	..	2	0
Ethiopia	2010	..	8	..	..	8	0
	2011	..	5	..	..	5	0
	2012	..	5	..	..	5	0
	2013	..	7	..	..	7	0
Gabon	2010	15	11	..	..	26	17
	2011	15	11	..	..	26	16
	2012	16	12	..	..	28	17
	2013	17	13	..	..	30	18
Gambia	2010	..	*3	..	..	*3	*2
	2011	..	*3	..	..	*3	*2
	2012	..	*3	..	..	*3	*2
	2013	..	*3	..	..	*3	*2
Ghana	2010	32	148	..	..	180	7
	2011	45	178	..	..	222	9
	2012	27	242	..	..	268	11
	2013	26	204	..	-3	232	9
Guinea-Bissau	2010	..	*2	..	..	*2	*1
	2011	..	*3	..	..	*3	*2
	2012	..	*3	..	..	*3	*2
	2013	..	*3	..	..	*3	*2
Kenya	2010	59	47	3	..	103	3
	2011	28	63	0	..	91	2
	2012	17	77	0	..	94	2
	2013	12	81	0	..	93	2
Lesotho	2010	..	6	..	..	6	3
	2011	..	*9	..	..	*9	*4
	2012	..	*11	..	..	*11	*5
	2013	..	*11	..	..	*11	*5
Liberia	2010	..	*3	..	..	*3	*1
	2011	..	*3	..	..	*3	*1
	2012	..	*3	..	..	*3	*1
	2013	..	*3	..	..	*3	*1
Libya	2010	504	..	173	..	331	53
	2011	331	..	35	..	296	47
	2012	446	..	153	..	293	47
	2013	374	..	53	..	321	51

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	2010	..	6	..	-1	7	0
	2011	..	8	..	1	7	0
	2012	..	9	..	1	8	0
	2013	..	13	..	0	13	1
Malawi	2010	..	*2	..	..	*2	0
	2011	..	*2	..	..	*2	0
	2012	..	*2	..	..	*2	0
	2013	..	*2	..	..	*2	0
Mauritania	2010	..	25	..	..	25	7
	2011	..	47	..	..	47	13
	2012	..	46	..	..	46	12
	2013	..	*46	..	..	*46	*12
Mauritius	2010	..	63	..	-2	65	52
	2011	..	66	..	0	66	53
	2012	..	68	..	1	67	53
	2013	..	68	..	0	68	54
Morocco	2010	22	1,921	..	-31	1,974	61
	2011	38	1,946	..	-86	2,070	63
	2012	115	2,050	..	-110	2,275	68
	2013	96	2,039	..	-69	2,204	65
Mozambique	2010	..	14	..	..	14	1
	2011	..	15	..	..	15	1
	2012	..	17	..	..	17	1
	2013	..	13	..	..	13	0
Namibia	2010	..	10	..	..	10	5
	2011	..	8	..	..	8	4
	2012	..	6	..	..	6	3
	2013	..	7	..	..	7	3
Niger	2010	0	3	0	0	3	0
	2011	3	4	0	0	7	0
	2012	37	0	11	0	27	2
	2013	50	0	30	6	14	1
Nigeria	2010	84	..	..	..	84	1
	2011	129	..	..	..	129	1
	2012	104	..	..	..	104	1
	2013	109	..	..	..	109	1
Réunion	2010	..	23	..	1	23	27
	2011	..	23	..	-2	24	29
	2012	..	23	..	1	23	27
	2013	..	*24	..	*1	*23	*27
Sao Tome and Principe	2010	..	0	..	..	0	1
	2011	..	0	..	..	0	*1
	2012	..	0	..	..	0	*1
	2013	..	0	..	..	0	*1
Senegal	2010	3	114	1	-1	117	9
	2011	2	102	2	0	102	8
	2012	1	102	0	0	103	7
	2013	1	96	0	0	97	7
Seychelles	2010	..	4	..	..	4	40
	2011	..	2	..	..	2	25
	2012	..	3	..	..	3	28
	2013	..	4	..	..	4	43

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
Somalia	2010	..	*6	..	..	*6	*1
	2011	..	*3	..	..	*3	0
	2012	..	*6	..	..	*6	*1
	2013	..	*6	..	..	*6	*1
South Africa	2010	331	4	3	..	332	6
	2011	375	19	3	..	391	7
	2012	354	10	14	..	350	7
	2013	262	40	16	..	286	5
South Sudan	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	3	..	..	3	0
	2013	..	2	..	..	2	0
Sudan	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	320	136	3	..	453	12
	2013	289	177	1	..	465	12
Sudan (former)	2010	394	41	12	..	423	9
	2011	312	88	9	..	391	8
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Swaziland	2010	..	*7	..	..	*7	*6
	2011	..	*7	..	..	*7	*5
	2012	..	*7	..	..	*7	*5
	2013	..	*7	..	..	*7	*5
Togo	2010	..	5	..	..	5	1
	2011	..	6	..	..	6	1
	2012	..	7	..	..	7	1
	2013	..	7	..	..	7	1
Tunisia	2010	124	349	..	2	471	44
	2011	138	337	..	2	473	44
	2012	164	319	..	2	481	44
	2013	173	325	..	-4	502	46
Uganda	2010	..	*4	..	..	*4	0
	2011	..	6	..	..	6	0
	2012	..	*7	..	..	*7	0
	2013	..	7	..	..	7	0
United Rep. of Tanzania	2010	..	18	..	..	18	0
	2011	..	26	..	..	26	1
	2012	..	44	..	..	44	1
	2013	..	69	..	..	69	1
Zambia	2010	9	..	0	..	9	1
	2011	9	..	3	..	6	0
	2012	10	..	1	..	9	1
	2013	9	..	1	..	8	1
Zimbabwe	2010	..	4	..	..	4	0
	2011	..	4	..	..	4	0
	2012	..	4	..	..	4	0
	2013	..	4	..	..	4	0
America, North	2010	49,645	6,590	1,821	-8	54,421	100
	2011	50,766	6,469	1,810	593	54,831	99
	2012	48,467	7,262	1,673	-34	54,090	97
	2013	49,356	5,734	1,842	-294	53,543	95

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
Anguilla	2010	..	5	..	..	5	392
	2011	..	5	..	..	5	380
	2012	..	6	..	..	6	389
	2013	..	*5	..	..	*5	*378
Antigua and Barbuda	2010	..	*3	..	..	*3	*34
	2011	..	*3	..	..	*3	*36
	2012	..	*3	..	..	*3	*37
	2013	..	*3	..	..	*3	*37
Aruba	2010	..	*9	..	..	*9	*91
	2011	..	*10	..	..	*10	*97
	2012	..	*10	..	..	*10	*94
	2013	..	*10	..	..	*10	*94
Bahamas	2010	..	8	..	..	8	22
	2011	..	10	..	..	10	27
	2012	..	9	..	..	9	24
	2013	..	11	..	..	11	29
Barbados	2010	..	12	..	0	12	44
	2011	..	8	..	0	8	30
	2012	..	9	..	0	9	34
	2013	..	9	..	0	8	30
Belize	2010	2	12	..	..	14	42
	2011	2	13	..	..	15	45
	2012	1	11	..	..	12	36
	2013	1	17	..	..	18	52
Bermuda	2010	..	0	..	..	0	1
	2011	..	0	..	..	0	1
	2012	..	1	..	..	1	21
	2013	..	4	..	..	4	65
Bonaire, St Eustatius, Saba	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	*8	..	..	*8	*349
	2013	..	*8	..	..	*8	*346
Canada	2010	1,845	191	384	24	1,628	48
	2011	1,727	379	419	30	1,657	48
	2012	1,534	622	483	108	1,565	45
	2013	1,428	337	569	37	1,159	33
Cayman Islands	2010	..	2	..	..	2	36
	2011	..	4	..	..	4	71
	2012	..	3	..	..	3	52
	2013	..	4	..	..	4	69
Costa Rica	2010	4	108	..	-1	113	25
	2011	1	115	..	-1	118	26
	2012	0	124	..	3	121	26
	2013	0	127	..	1	126	27
Cuba	2010	59	89	..	..	148	13
	2011	50	93	..	..	143	13
	2012	42	107	..	..	149	13
	2013	*43	*118	..	..	*161	*14
Curaçao	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	51	33	43	..	41	269
	2013	47	10	39	..	18	117

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
Dominica	2010	..	*2	..	..	*2	*28
	2011	..	*2	..	..	*2	*28
	2012	..	*2	..	..	*2	*28
	2013	..	*2	..	..	*2	*28
Dominican Republic	2010	28	792	..	8	812	82
	2011	21	728	..	-2	750	75
	2012	14	716	..	-2	732	72
	2013	13	773	..	-3	788	77
El Salvador	2010	13	233	1	0	245	41
	2011	12	188	4	-15	211	35
	2012	6	262	51	-26	243	40
	2013	0	236	0	-5	241	40
Greenland	2010	..	0	..	..	0	2
	2011	..	0	..	..	0	2
	2012	..	0	..	..	0	1
	2013	..	0	..	..	0	1
Grenada	2010	..	5	..	..	5	43
	2011	..	5	..	..	5	43
	2012	..	5	..	..	5	43
	2013	..	5	..	..	5	49
Guadeloupe	2010	..	*14	..	..	*14	*31
	2011	..	*14	..	..	*14	*31
	2012	..	*14	..	..	*14	*30
	2013	..	*15	..	..	*15	*32
Guatemala	2010	..	343	98	3	242	16
	2011	..	351	104	-12	259	17
	2012	..	371	103	-10	278	18
	2013	..	422	121	12	289	18
Haiti	2010	..	3	..	..	3	0
	2011	..	10	..	..	10	1
	2012	..	13	..	..	13	1
	2013	..	21	..	..	21	2
Honduras	2010	..	420	347	-1	74	10
	2011	..	366	297	-11	80	10
	2012	..	480	377	0	103	13
	2013	..	527	414	0	113	14
Jamaica	2010	7	70	..	2	76	28
	2011	11	72	..	1	81	29
	2012	9	76	..	1	85	31
	2013	6	69	..	-1	77	28
Martinique	2010	*19	*3	*12	..	*10	*25
	2011	*21	*3	*12	..	*11	*28
	2012	*21	*3	*12	..	*12	*29
	2013	*21	*3	*12	..	*12	*31
Mexico	2010	6,576	2,758	3	10	9,321	79
	2011	6,482	2,691	46	53	9,074	75
	2012	6,098	2,917	0	2	9,013	74
	2013	6,154	2,691	6	-7	8,846	71
Montserrat	2010	..	2	..	0	2	323
	2011	..	1	..	0	1	260
	2012	..	1	..	*-1	1	239
	2013	..	1	..	0	1	198

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
Neth. Antilles (former)	2010	25	71	21	..	75	361
	2011	49	72	41	..	80	375
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Nicaragua	2010	15	56	..	1	70	12
	2011	17	57	..	1	73	13
	2012	9	73	..	-1	83	14
	2013	11	81	..	0	92	15
Panama	2010	..	173	0	-15	188	52
	2011	..	152	0	-1	153	42
	2012	..	158	0	-1	159	42
	2013	..	194	0	-16	210	55
Sint Maarten (Dutch part)	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	*19	..	..	*19	*541
	2013	..	*19	..	..	*19	*532
St. Lucia	2010	..	*6	..	..	*6	*35
	2011	..	*6	..	..	*6	*33
	2012	..	*6	..	..	*6	*33
	2013	..	*6	..	..	*6	*33
St. Vincent-Grenadines	2010	..	4	..	..	4	37
	2011	..	4	..	..	4	35
	2012	..	6	..	..	6	51
	2013	..	7	..	..	7	61
Trinidad and Tobago	2010	1,035	..	955	28	52	39
	2011	932	..	887	16	29	22
	2012	708	..	603	90	15	11
	2013	753	..	681	-9	81	60
United States	2010	40,016	1,196	..	-67	41,279	133
	2011	41,441	1,108	..	534	42,015	134
	2012	39,973	1,195	..	-197	41,365	131
	2013	40,879	0	..	-303	41,182	130
America, South	2010	15,502	3,517	3,060	17	15,942	40
	2011	15,986	3,668	3,544	-17	16,127	40
	2012	17,464	3,284	3,423	52	17,273	43
	2013	17,175	3,833	3,121	78	17,809	43
Argentina	2010	2,907	..	1,214	66	1,627	39
	2011	2,305	..	1,186	-57	1,176	28
	2012	2,775	..	919	7	1,849	44
	2013	*2,624	..	748	7	*1,869	*44
Bolivia (Plur. State of)	2010	335	21	0	..	356	36
	2011	328	34	0	..	362	36
	2012	328	39	0	..	367	36
	2013	360	5	6	..	359	35
Brazil	2010	5,110	1,685	4	-30	6,821	34
	2011	5,101	1,829	23	6	6,901	34
	2012	5,437	1,540	17	53	6,907	34
	2013	5,422	1,819	49	-4	7,196	35
Chile	2010	394	802	13	25	1,158	68
	2011	350	762	0	-6	1,118	65
	2012	593	755	2	-17	1,363	78
	2013	264	1,024	67	13	1,208	69

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
Colombia	2010	562	29	7	0	584	13
	2011	*630	18	15	0	*633	*14
	2012	*652	0	57	0	*595	*13
	2013	586	0	49	53	484	10
Ecuador	2010	242	811	..	5	1,048	70
	2011	218	839	..	56	1,001	66
	2012	245	777	..	-10	1,032	67
	2013	246	825	..	2	1,069	68
French Guiana	2010	..	*4	..	..	*4	*17
	2011	..	*4	..	..	*4	*17
	2012	..	*4	..	..	*4	*17
	2013	..	*4	..	..	*4	*17
Guyana	2010	..	14	..	-1	14	19
	2011	..	18	..	-1	19	25
	2012	..	16	..	-1	16	22
	2013	..	16	..	-1	17	22
Paraguay	2010	..	82	..	0	82	13
	2011	..	86	..	0	86	14
	2012	..	88	..	0	88	14
	2013	..	78	..	-5	83	13
Peru	2010	1,439	0	375	-50	1,114	38
	2011	1,406	0	176	-13	1,243	42
	2012	1,517	1	128	20	1,370	45
	2013	1,795	0	238	11	1,546	51
Suriname	2010	..	15	..	0	15	29
	2011	..	15	..	0	15	29
	2012	..	16	..	0	16	30
	2013	..	17	..	0	17	31
Uruguay	2010	71	54	8	1	116	34
	2011	57	63	2	-2	120	35
	2012	76	49	0	0	125	37
	2013	91	45	0	2	135	39
Venezuela (Bolivar. Rep.)	2010	4,442	..	1,439	..	3,003	104
	2011	5,591	..	2,142	..	3,449	117
	2012	5,841	..	2,300	..	3,541	119
	2013	5,787	..	1,964	..	3,823	126
Asia	2010	111,950	36,842	48,613	-744	100,923	24
	2011	116,508	43,696	52,383	587	107,235	25
	2012	118,335	44,535	51,659	1,920	109,291	26
	2013	115,526	44,516	47,255	-577	113,365	26
Armenia	2010	..	8	*1	..	7	2
	2011	..	7	0	..	7	3
	2012	..	7	0	..	7	2
	2013	..	7	0	..	7	2
Azerbaijan	2010	240	..	156	-5	89	10
	2011	250	..	109	2	139	15
	2012	215	..	90	-2	127	14
	2013	263	..	93	0	170	18
Bahrain	2010	301	..	231	22	48	38
	2011	300	..	255	-4	49	38
	2012	293	..	221	20	52	39
	2013	257	..	181	21	55	41

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
Bangladesh	2010	16	..	..	..	16	0
	2011	19	..	..	..	19	0
	2012	21	..	..	..	21	0
	2013	22	..	..	..	22	0
Bhutan	2010	..	7	..	..	7	10
	2011	..	7	..	..	7	10
	2012	..	8	..	..	8	10
	2013	..	7	..	..	7	9
Brunei Darussalam	2010	14	..	..	..	14	36
	2011	15	..	..	..	15	38
	2012	16	..	..	..	16	39
	2013	16	..	..	..	16	39
Cambodia	2010	..	65	..	..	65	5
	2011	..	72	..	..	72	5
	2012	..	85	..	..	85	6
	2013	..	99	..	..	99	7
China	2010	20,923	3,270	930	25	23,238	17
	2011	22,408	3,496	1,191	-30	24,742	18
	2012	22,687	3,585	1,282	30	24,960	18
	2013	25,133	4,517	1,269	20	28,361	21
China, Hong Kong SAR	2010	..	389	0	-9	398	57
	2011	..	400	0	0	400	57
	2012	..	391	0	-2	393	55
	2013	..	378	2	0	376	52
China, Macao SAR	2010	..	40	..	..	40	75
	2011	..	42	..	..	42	77
	2012	..	43	..	..	43	77
	2013	..	45	..	..	45	79
Cyprus	2010	..	51	..	2	49	44
	2011	..	54	..	-1	55	49
	2012	..	53	..	1	52	46
	2013	..	50	..	-2	52	46
Georgia	2010	..	47	..	0	47	11
	2011	..	19	..	-2	21	5
	2012	..	18	..	0	18	4
	2013	..	17	..	0	17	4
India	2010	7,538	4,484	154	-1,926	13,794	11
	2011	9,547	8,534	174	452	17,455	14
	2012	9,824	8,176	200	563	17,237	14
	2013	10,030	6,607	227	-289	16,699	13
Indonesia	2010	2,483	1,622	224	0	3,881	16
	2011	2,286	1,992	0	-69	4,347	18
	2012	2,493	2,574	0	36	5,031	20
	2013	2,388	3,426	10	0	5,804	23
Iran (Islamic Rep. of)	2010	11,623	435	6,524	..	5,534	75
	2011	12,021	340	6,622	..	5,739	76
	2012	10,329	286	4,822	..	5,793	76
	2013	5,418	124	1,733	..	3,809	49
Iraq	2010	1,359	206	..	0	1,565	51
	2011	1,394	176	..	-34	1,604	50
	2012	1,336	398	..	130	1,604	49
	2013	1,310	399	..	-116	1,825	54

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
Israel	2010	565	215	122	..	658	89
	2011	569	225	123	..	671	89
	2012	498	275	129	..	644	84
	2013	591	458	129	..	920	118
Japan	2010	4,320	12,511	38	158	16,635	131
	2011	3,934	12,675	85	-45	16,569	130
	2012	4,014	13,240	33	337	16,884	133
	2013	4,509	11,996	69	53	16,383	129
Jordan	2010	87	223	..	-4	314	48
	2011	86	295	..	-6	387	57
	2012	105	295	..	12	387	55
	2013	77	275	..	-5	358	50
Kazakhstan	2010	2,129	4	1,756	33	344	21
	2011	2,028	3	1,660	-68	439	27
	2012	2,136	7	1,682	32	429	26
	2013	2,202	3	1,650	15	540	32
Korea, Republic of	2010	2,973	6,233	79	226	8,901	181
	2011	1,579	6,410	78	51	7,860	159
	2012	1,487	6,234	153	-261	7,829	158
	2013	1,728	5,623	76	162	7,113	143
Kuwait	2010	4,078	..	3,706	..	372	122
	2011	4,428	..	4,081	..	347	107
	2012	4,896	..	4,492	..	404	118
	2013	4,749	..	4,376	..	373	104
Kyrgyzstan	2010	..	12	..	..	12	2
	2011	..	11	..	..	11	2
	2012	..	11	..	..	11	2
	2013	..	13	..	..	13	2
Lao People's Dem. Rep.	2010	..	*20	..	..	*20	*3
	2011	..	*20	..	..	*20	*3
	2012	..	*21	..	..	*21	*3
	2013	..	*21	..	..	*21	*3
Lebanon	2010	..	164	..	..	164	38
	2011	..	197	..	..	197	43
	2012	..	243	..	..	243	49
	2013	..	270	..	..	270	51
Malaysia	2010	3,117	*423	669	266	2,605	93
	2011	3,045	494	911	1	2,627	92
	2012	2,725	411	399	-9	2,746	95
	2013	2,387	388	313	-204	2,666	90
Maldives	2010	..	12	..	..	12	35
	2011	..	12	..	..	12	34
	2012	..	10	..	..	10	29
	2013	..	12	..	..	12	34
Myanmar	2010	13	0	..	-4	17	0
	2011	10	4	..	0	14	0
	2012	16	0	..	0	16	0
	2013	6	16	..	-2	23	0
Nepal	2010	..	159	..	..	159	6
	2011	..	181	..	..	181	7
	2012	..	207	..	..	207	8
	2013	..	233	..	..	233	8

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
Oman	2010	531	..	451	..	80	27
	2011	626	..	531	..	95	30
	2012	586	..	488	..	98	28
	2013	557	..	462	..	95	24
Other Asia	2010	1,453	898	92	-18	2,277	98
	2011	1,047	1,119	31	35	2,100	90
	2012	1,176	742	91	11	1,816	78
	2013	1,329	1,148	89	-97	2,485	106
Pakistan	2010	432	60	..	..	492	3
	2011	386	80	..	..	466	3
	2012	*340	*92	..	..	*432	*2
	2013	420	81	..	..	501	3
Philippines	2010	361	752	1	16	1,096	12
	2011	386	720	6	-19	1,120	12
	2012	351	705	0	-2	1,058	11
	2013	314	768	0	8	1,074	11
Qatar	2010	8,760	..	8,175	..	585	331
	2011	10,360	..	9,689	..	671	352
	2012	10,820	..	9,999	..	821	407
	2013	10,886	..	10,013	..	873	415
Saudi Arabia	2010	24,774	..	21,324	-6	3,456	123
	2011	26,006	..	22,501	13	3,492	121
	2012	27,798	..	23,097	1	4,700	159
	2013	26,273	..	22,224	2	4,047	134
Singapore	2010	215	5	97	..	123	24
	2011	275	11	268	..	18	3
	2012	368	9	395	..	-18	-3
	2013	299	837	168	..	967	179
Sri Lanka	2010	23	137	..	0	160	8
	2011	24	181	..	0	205	10
	2012	17	193	..	0	210	10
	2013	22	197	..	-12	231	11
State of Palestine	2010	..	122	..	..	122	30
	2011	..	123	..	..	123	29
	2012	..	126	..	..	126	29
	2013	..	133	..	..	133	30
Syrian Arab Republic	2010	455	420	..	..	875	42
	2011	444	414	..	..	858	42
	2012	324	362	..	..	686	34
	2013	190	427	..	..	617	32
Tajikistan	2010	..	39	..	..	39	5
	2011	..	68	..	..	68	9
	2012	..	175	..	..	175	22
	2013	..	*177	..	..	*177	*22
Thailand	2010	5,868	9	26	474	5,377	81
	2011	5,421	1,437	16	314	6,528	98
	2012	*5,669	1,730	10	970	*6,419	*96
	2013	5,447	1,949	6	-125	7,515	111
Turkey	2010	652	3,097	67	6	3,676	51
	2011	739	3,048	105	-3	3,685	50
	2012	775	2,993	88	53	3,627	48
	2013	733	3,077	82	-6	3,734	49

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
Turkmenistan	2010	618	..	..	..	618	123
	2011	868	..	..	..	868	170
	2012	894	..	..	..	894	173
	2013	1,210	..	..	..	1,210	231
United Arab Emirates	2010	4,709	0	3,762	..	947	114
	2011	4,814	81	3,918	..	977	112
	2012	4,782	44	3,961	..	865	97
	2013	*5,257	42	*4,004	..	*1,295	*143
Uzbekistan	2010	22	..	..	..	22	1
	2011	21	..	..	..	21	1
	2012	19	..	..	..	19	1
	2013	18	..	..	..	18	1
Viet Nam	2010	563	704	8	..	1,259	14
	2011	588	748	13	..	1,323	15
	2012	656	787	9	..	1,434	16
	2013	707	697	57	..	1,347	15
Yemen	2010	736	..	20	..	716	30
	2011	585	..	16	..	569	23
	2012	670	..	18	..	652	26
	2013	778	..	21	..	757	30
Europe	2010	38,344	16,520	14,589	57	40,218	55
	2011	39,252	17,277	14,870	508	41,150	56
	2012	39,525	16,655	15,491	30	40,658	55
	2013	41,466	19,581	15,862	2	45,182	61
Albania	2010	..	110	..	0	110	38
	2011	..	101	..	0	101	35
	2012	..	88	..	0	88	31
	2013	..	141	..	29	112	39
Andorra	2010	..	*3	..	..	*3	*32
	2011	..	*3	..	..	*3	*31
	2012	..	*3	..	..	*3	*33
	2013	..	*3	..	..	*3	*34
Austria	2010	87	114	11	1	189	23
	2011	101	91	29	0	163	19
	2012	67	80	22	0	125	15
	2013	66	62	24	-1	105	12
Belarus	2010	413	56	240	6	223	23
	2011	462	1	233	2	228	24
	2012	532	6	297	25	216	23
	2013	568	0	407	-31	192	20
Belgium	2010	517	1,689	989	16	1,201	110
	2011	570	1,788	919	-4	1,443	131
	2012	580	1,611	736	6	1,449	131
	2013	576	1,743	732	-1	1,588	142
Bosnia and Herzegovina	2010	29	51	2	0	78	20
	2011	25	55	0	0	80	21
	2012	23	56	0	0	79	21
	2013	23	40	0	1	62	16
Bulgaria	2010	120	278	16	1	381	51
	2011	118	268	13	7	366	50
	2012	119	287	20	-5	391	54
	2013	93	331	19	-1	406	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
Croatia	2010	302	14	156	-3	163	38
	2011	266	14	127	3	150	35
	2012	281	14	146	2	147	34
	2013	250	40	145	-1	146	34
Czech Republic	2010	215	69	128	-3	159	15
	2011	195	74	109	4	156	15
	2012	200	78	112	-2	168	16
	2013	180	107	90	0	197	19
Denmark	2010	152	7	110	-1	50	9
	2011	132	8	94	0	46	8
	2012	168	5	117	1	55	10
	2013	103	18	74	3	44	8
Estonia	2010	..	8	0	0	8	6
	2011	..	9	0	2	7	5
	2012	..	8	0	-2	10	8
	2013	..	13	4	0	9	7
Finland	2010	246	256	5	-14	511	95
	2011	387	307	1	42	651	121
	2012	256	290	6	-34	574	106
	2013	310	293	10	-17	610	112
France	2010	2,100	2,696	1,017	35	3,744	59
	2011	1,877	2,694	1,098	11	3,462	55
	2012	1,466	2,915	1,302	-34	3,113	49
	2013	1,472	3,221	1,238	-20	3,475	54
Germany	2010	2,637	901	254	12	3,272	41
	2011	2,612	870	272	38	3,172	39
	2012	2,624	1,088	303	-31	3,440	43
	2013	2,645	1,001	290	-7	3,363	42
Greece	2010	682	9	352	6	333	30
	2011	559	54	240	-4	377	34
	2012	631	53	216	15	453	41
	2013	671	40	177	-1	535	48
Hungary	2010	334	164	93	1	404	40
	2011	307	144	72	8	371	37
	2012	272	165	62	3	372	37
	2013	311	176	74	-4	417	42
Iceland	2010	..	3	..	..	3	9
	2011	..	3	..	..	3	9
	2012	..	3	..	..	3	9
	2013	..	3	..	..	3	9
Ireland	2010	56	102	22	1	135	29
	2011	67	89	30	2	124	27
	2012	73	80	35	0	118	25
	2013	62	92	26	1	127	27
Italy	2010	1,871	2,054	474	24	3,427	57
	2011	2,072	2,018	394	190	3,506	59
	2012	1,541	2,135	391	-161	3,446	58
	2013	1,681	2,322	423	30	3,550	59
Latvia	2010	..	124	79	-1	46	22
	2011	..	139	85	1	53	26
	2012	..	153	81	0	72	35
	2013	..	187	104	-1	84	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
Lithuania	2010	359	108	175	2	290	93
	2011	323	112	162	1	272	89
	2012	299	112	143	-2	270	90
	2013	322	106	179	0	249	84
Luxembourg	2010	..	14	4	..	10	20
	2011	..	10	1	..	9	17
	2012	..	12	1	..	11	21
	2013	..	11	1	..	10	18
Malta	2010	..	22	..	-1	23	56
	2011	..	21	..	0	21	51
	2012	..	23	..	1	22	53
	2013	..	22	..	0	22	53
Montenegro	2010	..	18	..	..	18	29
	2011	..	19	..	..	19	30
	2012	..	17	..	..	17	27
	2013	..	14	..	..	14	22
Netherlands	2010	1,426	2,085	1,039	39	2,433	146
	2011	1,544	2,619	1,483	8	2,672	160
	2012	1,791	2,204	1,575	19	2,401	143
	2013	1,997	4,013	1,427	-9	4,592	273
Norway	2010	5,577	240	4,358	60	1,399	286
	2011	5,685	173	5,055	-14	817	165
	2012	5,729	183	4,727	45	1,140	227
	2013	5,560	138	4,689	-27	1,036	204
Poland	2010	424	1,982	60	-49	2,395	62
	2011	446	2,000	67	11	2,368	61
	2012	539	1,945	114	6	2,364	61
	2013	548	2,053	301	0	2,300	60
Portugal	2010	380	432	65	14	733	69
	2011	318	475	75	11	707	67
	2012	221	431	77	4	571	54
	2013	261	604	68	-17	814	78
Republic of Moldova	2010	..	67	2	-2	67	16
	2011	..	77	1	8	68	17
	2012	..	78	7	-4	75	18
	2013	..	90	12	3	75	18
Romania	2010	570	111	211	-3	473	23
	2011	582	103	198	1	486	24
	2012	527	84	180	3	428	21
	2013	523	112	203	-6	438	22
Russian Federation	2010	13,625	122	3,292	52	10,403	73
	2011	14,167	206	2,573	2	11,798	82
	2012	15,314	147	2,681	298	12,482	87
	2013	16,899	79	3,135	214	13,629	95
Serbia	2010	134	255	8	3	378	42
	2011	111	315	25	3	398	44
	2012	113	269	9	4	369	41
	2013	201	164	14	-11	362	41
Slovakia	2010	117	45	5	1	156	29
	2011	131	42	9	-1	165	30
	2012	122	51	19	1	153	28
	2013	172	51	67	0	156	29

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
Slovenia	2010	..	95	9	1	85	41
	2011	..	90	7	3	80	39
	2012	..	81	1	-4	84	41
	2013	..	76	1	-2	77	37
Spain	2010	1,456	801	228	-23	2,052	44
	2011	1,439	569	249	-33	1,792	38
	2012	1,702	355	300	66	1,691	36
	2013	1,713	326	398	-98	1,739	37
Sweden	2010	344	905	426	-100	923	98
	2011	271	1,188	255	191	1,013	107
	2012	391	819	571	-181	820	86
	2013	308	1,025	307	-13	1,039	108
Switzerland	2010	170	50	24	..	196	25
	2011	184	41	45	..	180	23
	2012	119	75	20	..	174	22
	2013	193	34	55	..	172	21
T.F.Yug.Rep. Macedonia	2010	24	41	3	0	63	30
	2011	20	40	4	-1	56	27
	2012	10	51	3	2	55	26
	2013	3	57	3	-1	57	28
Ukraine	2010	679	57	0	1	735	16
	2011	665	252	125	4	788	17
	2012	563	307	70	-2	802	18
	2013	500	361	..	2	859	19
United Kingdom	2010	3,298	362	732	-19	2,947	47
	2011	3,616	195	820	12	2,979	47
	2012	3,252	293	1,147	-9	2,407	38
	2013	3,255	413	1,165	-11	2,514	39
Oceania	2010	2,577	598	1,521	21	1,632	45
	2011	3,009	515	1,363	-54	2,215	60
	2012	2,860	587	1,180	49	2,218	59
	2013	2,707	538	1,333	-74	1,986	52
Australia	2010	2,414	545	1,507	18	1,434	65
	2011	2,855	455	1,347	-49	2,012	89
	2012	2,684	525	1,154	46	2,009	88
	2013	2,518	472	1,299	-73	1,764	76
Fiji	2010	..	21	0	..	21	24
	2011	..	18	0	..	18	21
	2012	..	19	0	..	19	22
	2013	..	21	0	..	21	24
French Polynesia	2010	..	*8	..	..	*8	*30
	2011	..	*8	..	..	*8	*30
	2012	..	*8	..	..	*8	*29
	2013	..	*8	..	..	*8	*29
Kiribati	2010	..	0	..	..	0	1
	2011	..	0	..	..	0	*1
	2012	..	0	..	..	0	*1
	2013	..	0	..	..	0	*1
Nauru	2010	..	0	..	..	0	*1
	2011	..	0	..	..	0	*1
	2012	..	0	..	..	0	*1
	2013	..	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
New Caledonia	2010	..	8	..	0	8	32
	2011	..	11	..	2	9	36
	2012	..	12	..	-1	12	49
	2013	..	19	..	0	19	73
New Zealand	2010	149	8	14	3	140	32
	2011	148	7	16	-7	146	33
	2012	166	14	26	3	151	34
	2013	177	2	34	-2	147	33
Niue	2010	..	0	..	..	0	*6
	2011	..	0	..	..	0	*6
	2012	..	0	..	..	0	*6
	2013	..	0	..	..	0	*6
Papua New Guinea	2010	14	2	..	0	16	2
	2011	6	10	..	0	16	2
	2012	10	2	..	0	12	2
	2013	12	9	..	1	19	3
Samoa	2010	..	*1	..	0	*1	*5
	2011	..	2	..	0	1	7
	2012	..	*2	..	0	*1	*7
	2013	..	*2	..	0	*2	*12
Solomon Islands	2010	..	*2	..	..	*2	*3
	2011	..	*2	..	..	*2	*3
	2012	..	*2	..	..	*2	*3
	2013	..	*2	..	..	*2	*3
Tonga	2010	..	1	..	..	1	14
	2011	..	1	..	..	1	13
	2012	..	2	..	..	2	18
	2013	..	2	..	..	2	19
Vanuatu	2010	..	*1	..	..	*1	*6
	2011	..	*1	..	..	*1	*5
	2012	..	*1	..	..	*1	*5
	2013	..	*1	..	..	*1	*5
Wallis and Futuna Is.	2010	..	0	..	..	0	*19
	2011	..	0	..	..	0	*17
	2012	..	0	..	..	0	*19
	2013	..	0	..	..	0	*18

Table 18**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.

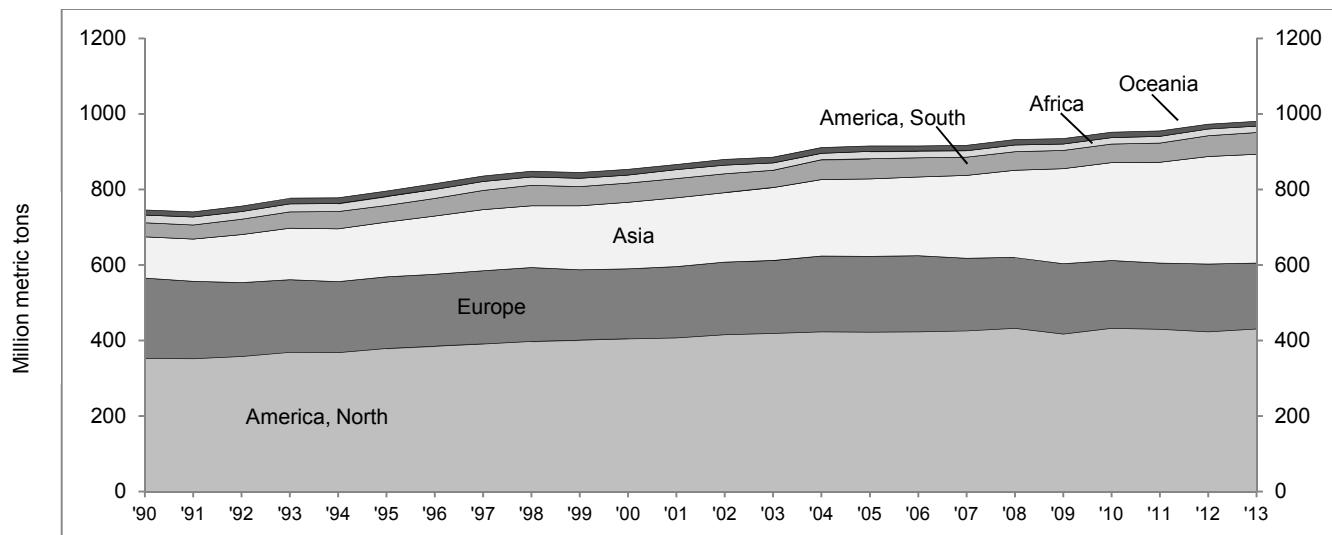
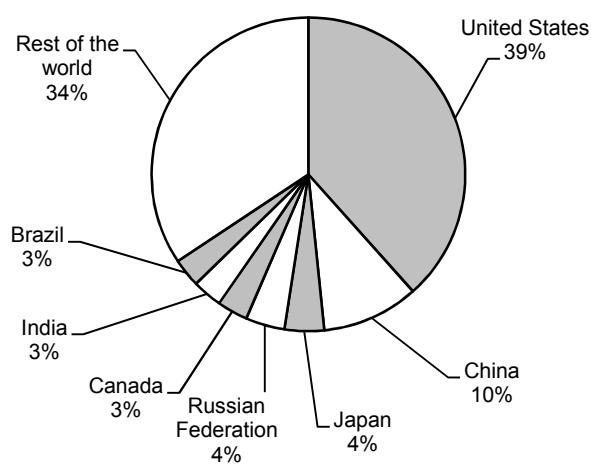
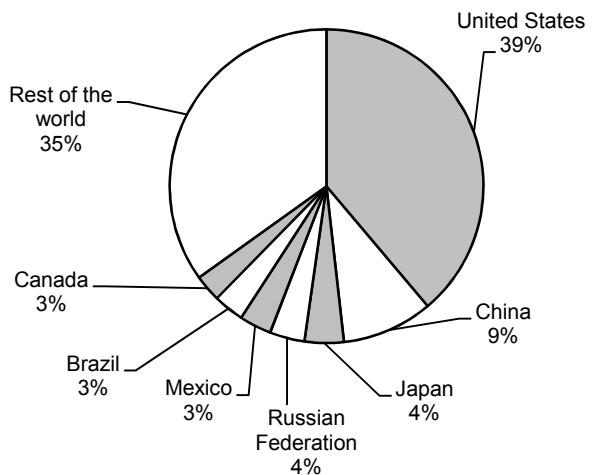
Figure 48: Production of motor gasoline by region, 1990-2013**Figure 49: Major motor gasoline producing countries, 2013****Figure 50: Major motor gasoline consuming countries, 2013**

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	2010	951,193	174,622	166,079	-3,845	963,581	139
	2011	954,648	177,909	172,834	-676	960,398	137
	2012	972,624	186,133	184,338	2,586	971,834	137
	2013	980,153	187,738	178,962	-2,291	991,220	138
Africa	2010	16,811	18,924	1,373	-78	34,439	33
	2011	17,804	19,055	1,141	-61	35,779	33
	2012	17,613	20,895	1,243	-650	37,915	35
	2013	17,248	22,704	1,785	188	37,980	34
Algeria	2010	2,667	0	28	11	2,628	73
	2011	2,568	395	0	-36	2,999	82
	2012	2,273	1,181	0	24	3,430	92
	2013	2,300	1,592	0	107	3,785	99
Angola	2010	56	834	0	1	889	42
	2011	63	937	0	0	1,000	46
	2012	73	1,313	6	0	1,380	61
	2013	69	1,005	7	0	1,067	46
Benin	2010	..	598	13	..	585	62
	2011	..	618	13	..	605	62
	2012	..	651	14	..	637	63
	2013	..	688	15	..	673	65
Botswana	2010	..	364	..	..	364	178
	2011	..	387	..	..	387	185
	2012	..	404	..	..	404	189
	2013	..	428	..	..	428	197
Burkina Faso	2010	..	155	..	..	155	10
	2011	..	167	..	..	167	10
	2012	..	190	..	..	190	11
	2013	..	255	..	..	255	15
Burundi	2010	..	24	..	0	24	3
	2011	..	27	..	0	27	3
	2012	..	31	..	-1	32	3
	2013	..	30	..	1	29	3
Cabo Verde	2010	..	7	..	..	7	15
	2011	..	7	..	..	7	15
	2012	..	7	..	..	7	14
	2013	..	7	..	..	7	14
Cameroon	2010	383	50	56	-39	416	20
	2011	399	52	95	0	356	17
	2012	417	54	99	0	372	17
	2013	440	57	104	0	393	18
Central African Rep.	2010	..	*23	..	..	*23	*5
	2011	..	*25	..	..	*25	*6
	2012	..	*27	..	..	*27	*6
	2013	..	*28	..	..	*28	*6
Chad	2010	..	*10	..	..	*10	*1
	2011	..	*10	..	..	*10	*1
	2012	..	*10	..	..	*10	*1
	2013	..	*10	..	..	*10	*1
Comoros	2010	..	*9	..	..	*9	*13
	2011	..	*10	..	..	*10	*15
	2012	..	*10	..	..	*10	*14
	2013	..	*11	..	..	*11	*15

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
Congo	2010	98	39	0	-5	142	35
	2011	94	65	0	-2	161	39
	2012	136	0	10	0	126	29
	2013	142	0	12	0	130	30
Côte d'Ivoire	2010	491	..	330	..	161	8
	2011	390	..	251	..	139	7
	2012	559	..	417	..	142	7
	2013	620	..	453	..	167	8
Dem. Rep. of the Congo	2010	..	225	..	..	225	3
	2011	..	251	..	..	251	4
	2012	..	257	..	..	257	4
	2013	..	279	..	..	279	4
Djibouti	2010	..	4	..	..	4	5
	2011	..	4	..	..	4	5
	2012	..	*4	..	..	*4	*5
	2013	..	*4	..	..	*4	*5
Egypt	2010	4,089	1,065	..	..	5,154	63
	2011	4,476	1,189	..	..	5,665	68
	2012	4,201	1,193	..	..	5,394	63
	2013	2,839	1,610	..	..	4,449	51
Equatorial Guinea	2010	..	*23	..	..	*23	*32
	2011	..	*23	..	..	*23	*31
	2012	..	*23	..	..	*23	*30
	2013	..	*23	..	..	*23	*29
Eritrea	2010	..	8	..	-1	9	2
	2011	..	9	..	0	9	2
	2012	..	10	..	0	10	2
	2013	..	10	..	0	10	2
Ethiopia	2010	..	144	..	-8	152	2
	2011	..	156	..	2	154	2
	2012	..	193	..	7	186	2
	2013	..	212	..	1	211	2
Gabon	2010	96	..	39	..	57	37
	2011	96	..	39	..	57	36
	2012	101	..	41	..	60	37
	2013	107	..	43	..	64	39
Gambia	2010	..	*73	..	..	*73	*43
	2011	..	*65	..	..	*65	*37
	2012	..	*70	..	..	*70	*39
	2013	..	*75	..	..	*75	*40
Ghana	2010	338	570	213	0	695	29
	2011	344	713	258	0	799	32
	2012	158	812	54	0	915	36
	2013	167	1,017	36	6	1,143	44
Guinea	2010	..	212	..	..	212	19
	2011	..	227	..	..	227	20
	2012	..	241	..	..	241	21
	2013	..	251	..	..	251	21
Guinea-Bissau	2010	..	*2	..	..	*2	*1
	2011	..	*2	..	..	*2	*1
	2012	..	*2	..	..	*2	*1
	2013	..	*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	2010	181	359	8	..	532	13
	2011	178	384	0	..	562	14
	2012	117	502	0	..	619	15
	2013	76	783	0	..	859	20
Lesotho	2010	..	*112	..	..	*112	*55
	2011	..	*97	..	..	*97	*48
	2012	..	*100	..	..	*100	*48
	2013	..	*105	..	..	*105	*50
Liberia	2010	..	78	..	..	78	20
	2011	..	95	..	..	95	23
	2012	..	92	..	..	92	22
	2013	..	113	..	..	113	26
Libya	2010	585	2,458	..	..	3,043	486
	2011	569	1,997	..	..	2,566	408
	2012	615	2,819	..	..	3,434	547
	2013	640	3,160	..	..	3,800	606
Madagascar	2010	..	73	..	-8	81	4
	2011	..	86	..	-1	87	4
	2012	..	91	..	6	85	4
	2013	..	94	..	0	94	4
Malawi	2010	..	81	..	..	81	6
	2011	..	72	..	..	72	5
	2012	..	76	..	..	76	5
	2013	..	86	..	..	86	5
Mali	2010	..	*73	..	..	*73	*5
	2011	..	*73	..	..	*73	*5
	2012	..	*74	..	..	*74	*5
	2013	..	*76	..	..	*76	*5
Mauritania	2010	..	25	..	..	25	7
	2011	..	28	..	..	28	8
	2012	..	29	..	..	29	8
	2013	..	26	..	..	26	7
Mauritius	2010	..	121	..	3	118	95
	2011	..	117	..	-3	120	96
	2012	..	128	..	-2	130	103
	2013	..	138	..	6	132	104
Morocco	2010	328	230	0	8	550	17
	2011	415	142	0	11	546	17
	2012	407	159	0	3	563	17
	2013	369	173	2	-13	553	16
Mozambique	2010	..	155	..	0	155	6
	2011	..	168	..	0	168	7
	2012	..	177	..	0	177	7
	2013	..	277	..	98	179	7
Namibia	2010	..	301	..	..	301	137
	2011	..	294	..	..	294	131
	2012	..	315	..	..	315	137
	2013	..	283	..	..	283	121
Niger	2010	0	61	0	-5	66	4
	2011	18	63	0	*13	68	4
	2012	195	0	47	0	148	8
	2013	253	0	135	0	118	6

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
Nigeria	2010	748	6,962	..	0	7,710	48
	2011	1,277	6,078	..	0	7,355	45
	2012	1,135	5,874	..	-665	7,674	46
	2013	1,189	5,965	..	0	7,154	41
Réunion	2010	..	106	..	-4	110	132
	2011	..	100	..	-9	109	130
	2012	..	100	..	2	98	116
	2013	..	*98	..	0	*98	*115
Rwanda	2010	..	*56	..	0	*56	*5
	2011	..	*65	..	0	*65	*6
	2012	..	74	..	0	74	7
	2013	..	77	..	0	77	7
Sao Tome and Principe	2010	..	7	..	..	7	43
	2011	..	*8	..	..	*8	*43
	2012	..	*8	..	..	*8	*45
	2013	..	*8	..	..	*8	*44
Senegal	2010	87	37	7	-3	120	9
	2011	99	23	2	-2	122	9
	2012	75	52	3	0	124	9
	2013	29	68	40	0	57	4
Seychelles	2010	..	19	..	..	19	201
	2011	..	13	..	..	13	140
	2012	..	15	..	..	15	159
	2013	..	17	..	..	17	174
Sierra Leone	2010	..	69	..	..	69	12
	2011	..	77	..	..	77	13
	2012	..	68	..	..	68	11
	2013	..	86	..	..	86	14
Somalia	2010	..	*34	..	..	*34	*4
	2011	..	*30	..	..	*30	*3
	2012	..	*34	..	..	*34	*3
	2013	..	*34	..	..	*34	*3
South Africa	2010	5,321	1,533	321	..	6,533	127
	2011	5,589	1,815	176	..	7,228	138
	2012	5,963	1,352	328	..	6,987	132
	2013	6,914	1,116	708	..	7,322	137
South Sudan	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	50	..	..	50	5
	2013	..	47	..	..	47	4
St. Helena and Depend.	2010	..	1	..	..	1	175
	2011	..	1	..	..	1	143
	2012	..	1	..	..	1	159
	2013	..	1	..	..	1	149
Sudan	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	1,099	32	224	..	907	24
	2013	1,009	41	230	..	820	21
Sudan (former)	2010	1,239	..	358	..	881	19
	2011	1,150	..	307	..	843	18
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..

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	2010	..	*89	..	..	*89	*74
	2011	..	*90	..	..	*90	*74
	2012	..	*92	..	..	*92	*75
	2013	..	*93	..	..	*93	*74
Togo	2010	..	173	..	-24	197	31
	2011	..	116	..	-53	169	26
	2012	..	125	..	-20	145	21
	2013	..	128	..	-21	149	22
Tunisia	2010	19	437	..	-4	460	43
	2011	0	527	..	18	509	47
	2012	0	489	..	-4	493	45
	2013	0	483	..	3	480	44
Uganda	2010	..	302	..	..	302	9
	2011	..	354	..	..	354	10
	2012	..	367	..	..	367	10
	2013	..	420	..	..	420	11
United Rep. of Tanzania	2010	..	305	..	..	305	7
	2011	..	392	..	..	392	8
	2012	..	415	..	..	415	9
	2013	..	529	..	..	529	11
Zambia	2010	85	73	..	..	158	11
	2011	78	99	..	..	177	12
	2012	89	142	..	..	231	16
	2013	85	185	..	..	270	18
Zimbabwe	2010	..	156	..	..	156	11
	2011	..	312	..	..	312	22
	2012	..	362	..	..	362	25
	2013	..	401	..	..	401	27
America, North	2010	432,247	60,002	23,309	13	468,926	857
	2011	429,288	60,061	30,969	501	457,879	829
	2012	422,636	56,418	30,311	629	448,114	803
	2013	430,099	53,280	30,885	-676	453,169	805
Anguilla	2010	..	8	..	..	8	552
	2011	..	6	..	..	6	437
	2012	..	8	..	..	8	545
	2013	..	*8	..	..	*8	*524
Antigua and Barbuda	2010	..	*41	*4	..	*37	*424
	2011	..	*40	*3	..	*37	*420
	2012	..	*41	*3	..	*38	*427
	2013	..	*41	*3	..	*38	*422
Aruba	2010	..	*59	..	..	*59	*584
	2011	..	*60	..	..	*60	*589
	2012	..	*60	..	..	*60	*589
	2013	..	*61	..	..	*61	*589
Bahamas	2010	..	217	*1	..	217	600
	2011	..	*213	*1	..	*212	*579
	2012	..	210	*1	..	209	562
	2013	..	269	*1	..	268	710
Barbados	2010	..	94	..	0	94	336
	2011	..	90	..	0	90	322
	2012	..	90	..	0	90	320
	2013	..	88	..	0	88	312

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	2010	..	54	..	..	54	168
	2011	..	89	..	..	89	270
	2012	..	47	..	..	47	139
	2013	..	49	..	..	49	143
Bermuda	2010	..	*39	..	..	*39	*605
	2011	..	33	..	..	33	524
	2012	..	66	..	..	66	1,050
	2013	..	23	..	..	23	364
Bonaire, St Eustatius, Saba	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	*10	..	..	*10	*414
	2013	..	*10	..	..	*10	*409
British Virgin Islands	2010	..	*14	..	..	*14	*496
	2011	..	*14	..	..	*14	*502
	2012	..	*14	..	..	*14	*491
	2013	..	*14	..	..	*14	*482
Canada	2010	32,146	3,481	6,383	429	28,815	844
	2011	30,648	4,092	5,579	-21	29,182	846
	2012	31,555	2,932	5,933	-96	28,650	822
	2013	30,993	2,365	6,105	-190	27,443	779
Cayman Islands	2010	..	39	..	..	39	703
	2011	..	43	..	..	43	760
	2012	..	37	..	..	37	643
	2013	..	38	..	..	38	651
Costa Rica	2010	109	614	0	-16	739	163
	2011	31	671	0	-6	707	154
	2012	0	753	0	7	746	160
	2013	0	759	0	-9	768	163
Cuba	2010	568	386	..	..	954	84
	2011	503	394	..	..	897	79
	2012	415	560	..	..	975	86
	2013	*409	*560	..	..	*969	*85
Curaçao	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	1,574	64	1,574	..	64	419
	2013	1,712	65	1,712	..	65	421
Dominica	2010	..	*13	..	..	*13	*183
	2011	..	*13	..	..	*13	*182
	2012	..	*13	..	..	*13	*181
	2013	..	*13	..	..	*13	*181
Dominican Republic	2010	269	696	..	-18	983	99
	2011	242	970	..	1	1,211	121
	2012	231	1,023	..	11	1,243	122
	2013	265	744	..	-7	1,016	99
El Salvador	2010	100	333	0	3	430	71
	2011	92	345	4	-28	461	76
	2012	73	396	0	-39	508	84
	2013	0	465	0	4	461	76
Greenland	2010	..	14	..	0	14	243
	2011	..	15	..	1	14	240
	2012	..	12	..	-2	14	240
	2013	..	14	..	0	14	240

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	2010	..	27	..	..	27	259
	2011	..	25	..	..	25	241
	2012	..	24	..	..	24	230
	2013	..	24	..	..	24	231
Guadeloupe	2010	..	*135	..	..	*135	*296
	2011	..	*142	..	..	*142	*310
	2012	..	*142	..	..	*142	*308
	2013	..	*143	..	..	*143	*308
Guatemala	2010	..	1,005	31	17	957	65
	2011	..	938	20	-14	932	62
	2012	..	929	0	0	929	60
	2013	..	997	33	-49	1,014	65
Haiti	2010	..	122	..	..	122	12
	2011	..	130	..	..	130	13
	2012	..	154	..	..	154	15
	2013	..	149	..	..	149	14
Honduras	2010	..	476	..	0	476	63
	2011	..	508	..	4	504	66
	2012	..	509	..	0	509	66
	2013	..	518	..	0	518	66
Jamaica	2010	123	335	..	-5	462	168
	2011	144	303	..	-7	454	165
	2012	133	309	..	3	439	159
	2013	124	325	..	14	434	157
Martinique	2010	*139	*17	*47	..	*109	*276
	2011	*147	*17	*47	..	*117	*296
	2012	*149	*17	*47	..	*119	*301
	2013	*149	*16	*44	..	*121	*306
Mexico	2010	20,103	15,489	..	-100	35,692	301
	2011	16,725	16,437	..	234	32,928	274
	2012	17,520	16,126	..	0	33,646	276
	2013	18,262	14,522	..	-46	32,830	265
Montserrat	2010	..	7	..	..	7	1,373
	2011	..	4	..	..	4	881
	2012	..	4	..	..	4	855
	2013	..	5	..	..	5	1,027
Neth. Antilles (former)	2010	772	95	772	..	95	457
	2011	1,511	96	1,511	..	96	450
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Nicaragua	2010	96	112	..	0	208	36
	2011	97	124	..	-3	224	39
	2012	68	181	..	7	242	41
	2013	97	160	..	13	244	41
Panama	2010	..	540	..	-78	618	171
	2011	..	591	..	-29	620	168
	2012	..	630	..	-49	679	181
	2013	..	652	..	0	652	171
Sint Maarten (Dutch part)	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	*23	..	..	*23	*640
	2013	..	*23	..	..	*23	*631

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
St. Kitts-Nevis	2010	..	*12	..	..	*12	*227
	2011	..	*12	..	..	*12	*226
	2012	..	*13	..	..	*13	*242
	2013	..	*13	..	..	*13	*239
St. Lucia	2010	..	*47	..	..	*47	*265
	2011	..	*48	..	..	*48	*268
	2012	..	*48	..	..	*48	*265
	2013	..	*48	..	..	*48	*263
St. Pierre-Miquelon	2010	..	*4	..	..	*4	*638
	2011	..	*4	..	..	*4	*638
	2012	..	*4	..	..	*4	*637
	2013	..	*4	..	..	*4	*637
St. Vincent-Grenadines	2010	..	23	..	..	23	213
	2011	..	22	..	..	22	205
	2012	..	21	..	..	21	194
	2013	..	17	..	..	17	152
Trinidad and Tobago	2010	1,957	96	1,553	26	474	357
	2011	1,674	122	1,256	38	502	376
	2012	1,132	337	951	0	518	386
	2013	1,640	0	1,281	-151	510	378
United States	2010	375,866	35,359	14,519	-245	396,951	1,281
	2011	377,475	33,449	22,549	331	388,044	1,242
	2012	369,786	30,610	21,802	787	377,807	1,200
	2013	376,448	30,078	21,706	-255	385,075	1,214
America, South	2010	49,740	3,656	3,659	45	49,693	125
	2011	51,189	5,099	3,827	317	52,144	130
	2012	54,745	6,993	3,182	-1,166	59,721	147
	2013	57,309	6,018	3,268	-950	61,009	149
Argentina	2010	4,828	103	11	0	4,920	119
	2011	5,335	105	1	396	5,043	121
	2012	5,539	39	0	-141	5,719	136
	2013	6,031	39	0	77	5,993	141
Bolivia (Plur. State of)	2010	636	70	..	-2	708	71
	2011	629	137	..	5	761	76
	2012	686	159	..	0	845	83
	2013	783	153	..	-1	937	90
Brazil	2010	21,535	374	564	60	21,285	107
	2011	24,204	1,619	229	-110	25,704	128
	2012	25,353	2,798	91	-972	29,032	143
	2013	28,844	1,677	246	-990	31,265	153
Chile	2010	2,028	737	219	-54	2,600	153
	2011	2,194	609	125	-21	2,699	157
	2012	2,246	572	243	-28	2,603	150
	2013	2,619	542	197	3	2,961	168
Colombia	2010	3,113	37	551	89	2,510	55
	2011	*2,312	125	574	-2	*1,865	*40
	2012	2,930	477	352	23	3,032	65
	2013	3,244	449	383	111	3,199	68
Ecuador	2010	1,166	1,424	65	-18	2,543	170
	2011	1,442	1,478	85	121	2,714	179
	2012	1,421	1,668	172	138	2,779	180
	2013	1,275	1,876	162	-46	3,035	194

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
Falkland Is. (Malvinas)	2010	..	*1	..	..	*1	*350
	2011	..	*1	..	..	*1	*350
	2012	..	*1	..	..	*1	*349
	2013	..	*1	..	..	*1	*348
French Guiana	2010	..	*30	..	..	*30	*128
	2011	..	*31	..	..	*31	*129
	2012	..	*32	..	..	*32	*129
	2013	..	*33	..	..	*33	*130
Guyana	2010	..	117	..	-2	119	157
	2011	..	117	..	-4	121	160
	2012	..	136	..	3	133	175
	2013	..	132	..	-5	137	180
Paraguay	2010	103	299	..	-44	445	72
	2011	110	350	..	-35	495	79
	2012	118	347	..	-52	518	81
	2013	138	270	..	-4	412	64
Peru	2010	3,101	210	1,663	0	1,648	56
	2011	3,199	221	1,571	-64	1,913	64
	2012	3,311	185	1,872	-174	1,798	60
	2013	3,720	409	1,904	43	2,182	71
Suriname	2010	..	138	..	..	138	266
	2011	..	131	..	..	131	250
	2012	..	142	..	..	142	268
	2013	..	149	..	..	149	280
Uruguay	2010	440	117	180	-5	382	113
	2011	349	165	48	31	436	129
	2012	473	82	81	-6	479	141
	2013	536	15	22	14	515	151
Venezuela (Bolivar. Rep.)	2010	12,790	0	406	20	12,364	426
	2011	11,414	11	1,194	0	10,231	348
	2012	12,668	356	371	44	12,609	422
	2013	10,119	273	354	-152	10,190	337
Asia	2010	259,371	56,389	60,678	-3,356	258,437	62
	2011	266,935	57,633	60,114	-1,034	265,488	63
	2012	284,827	64,787	64,340	4,122	281,153	66
	2013	288,366	70,927	61,853	-1,750	299,191	69
Afghanistan	2010	..	1,091	..	..	1,091	39
	2011	..	1,590	..	..	1,590	55
	2012	..	4,417	..	..	4,417	149
	2013	..	*4,597	..	..	*4,597	*150
Armenia	2010	..	189	..	..	189	64
	2011	..	164	..	..	164	55
	2012	..	136	..	..	136	45
	2013	..	132	..	..	132	44
Azerbaijan	2010	1,249	..	197	-4	1,056	116
	2011	1,296	..	96	26	1,174	127
	2012	1,297	..	60	-25	1,262	135
	2013	1,407	..	25	66	1,316	139
Bahrain	2010	806	..	202	-19	623	494
	2011	732	..	89	45	598	458
	2012	661	..	0	-6	667	500
	2013	594	..	1	-108	701	519

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
Bangladesh	2010	92	101	..	-20	213	1
	2011	99	86	..	-54	239	2
	2012	114	116	..	-36	266	2
	2013	137	98	..	-45	280	2
Bhutan	2010	..	18	..	..	18	25
	2011	..	20	..	..	20	28
	2012	..	22	..	..	22	30
	2013	..	22	..	..	22	30
Brunei Darussalam	2010	197	35	..	0	232	590
	2011	168	74	..	-4	246	616
	2012	146	116	..	1	261	644
	2013	167	99	..	1	265	644
Cambodia	2010	..	384	..	..	384	27
	2011	..	399	..	..	399	27
	2012	..	388	..	..	388	26
	2013	..	392	..	..	392	26
China	2010	73,551	0	5,170	-708	69,089	52
	2011	80,596	29	4,060	1,170	75,396	56
	2012	89,135	5	2,917	5,203	81,020	60
	2013	97,665	0	4,687	-42	93,020	68
China, Hong Kong SAR	2010	..	532	20	10	502	72
	2011	..	544	8	13	523	74
	2012	..	557	11	-1	547	77
	2013	..	560	14	-19	565	79
China, Macao SAR	2010	..	*55	..	..	*55	*103
	2011	..	*60	..	..	*60	*111
	2012	..	*64	..	..	*64	*116
	2013	..	69	..	..	69	121
Cyprus	2010	..	402	..	9	393	356
	2011	..	376	..	0	376	337
	2012	..	364	..	0	364	322
	2013	..	343	..	-2	345	302
Georgia	2010	0	365	0	0	365	86
	2011	0	402	0	3	399	95
	2012	4	420	0	0	424	102
	2013	0	376	2	-8	382	94
India	2010	26,138	1,702	13,578	0	14,262	12
	2011	27,186	654	14,524	0	13,316	11
	2012	30,118	147	16,657	0	13,608	11
	2013	30,275	235	13,514	-132	17,128	13
Indonesia	2010	8,350	9,664	313	..	17,701	73
	2011	9,326	11,504	10	..	20,820	85
	2012	9,506	13,176	15	..	22,667	91
	2013	8,418	14,648	9	..	23,057	92
Iran (Islamic Rep. of)	2010	16,326	5,449	0	..	21,775	293
	2011	17,274	1,803	26	..	19,051	253
	2012	19,853	555	0	..	20,408	268
	2013	16,358	992	0	..	17,349	225
Iraq	2010	2,472	1,677	..	0	4,149	134
	2011	2,739	2,269	..	37	4,971	156
	2012	3,094	2,332	..	17	5,409	164
	2013	3,089	1,928	..	-245	5,262	154

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
Israel	2010	2,727	886	635	0	2,978	401
	2011	2,702	929	825	-49	2,855	377
	2012	2,809	1,007	762	11	3,043	395
	2013	2,962	1,007	1,186	0	2,783	356
Japan	2010	43,005	798	1,618	5	42,180	331
	2011	40,102	2,140	923	121	41,198	324
	2012	39,105	2,125	847	112	40,271	317
	2013	40,132	1,222	1,266	158	39,930	314
Jordan	2010	697	397	..	36	1,058	162
	2011	675	405	..	-11	1,091	161
	2012	710	423	..	34	1,099	157
	2013	653	507	..	-11	1,171	162
Kazakhstan	2010	2,926	728	115	93	3,446	211
	2011	2,775	643	13	-218	3,623	219
	2012	2,877	1,264	41	298	3,802	226
	2013	2,738	1,140	38	-6	3,846	225
Korea, Dem.Ppl's.Rep.	2010	177	11	..	..	188	8
	2011	176	12	..	..	188	8
	2012	176	11	..	..	187	8
	2013	179	11	..	..	190	8
Korea, Republic of	2010	12,083	0	4,596	42	7,445	152
	2011	13,673	0	6,255	-75	7,493	152
	2012	15,306	12	7,422	121	7,775	157
	2013	15,162	222	7,486	188	7,710	155
Kuwait	2010	2,244	..	37	-492	2,699	882
	2011	2,206	..	56	-379	2,529	781
	2012	2,202	..	67	-128	2,263	662
	2013	2,420	..	69	-462	2,813	783
Kyrgyzstan	2010	15	424	2	3	434	79
	2011	16	559	10	-27	592	107
	2012	11	908	5	29	885	157
	2013	9	802	17	-11	805	140
Lao People's Dem. Rep.	2010	..	*26	..	..	*26	*4
	2011	..	*26	..	..	*26	*4
	2012	..	*26	..	..	*26	*4
	2013	..	*28	..	..	*28	*4
Lebanon	2010	..	1,595	..	..	1,595	368
	2011	..	1,598	..	..	1,598	348
	2012	..	1,685	..	..	1,685	342
	2013	..	1,596	..	..	1,596	302
Malaysia	2010	4,171	*4,157	*20	*-1,056	*9,364	*333
	2011	3,425	3,968	0	-13	7,406	259
	2012	4,395	5,633	1,978	-166	8,216	283
	2013	4,475	8,386	82	700	12,079	410
Maldives	2010	..	30	..	..	30	90
	2011	..	31	..	..	31	92
	2012	..	38	..	..	38	110
	2013	..	43	..	..	43	122
Mongolia	2010	..	285	..	..	285	105
	2011	..	325	..	..	325	118
	2012	..	389	..	..	389	139
	2013	..	380	..	..	380	133

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
Myanmar	2010	365	84	..	-15	464	9
	2011	432	91	..	-25	549	11
	2012	334	216	..	12	538	10
	2013	230	323	..	2	551	10
Nepal	2010	..	188	..	..	188	7
	2011	..	203	..	..	203	7
	2012	..	223	..	..	223	8
	2013	..	253	..	..	253	9
Oman	2010	1,903	281	485	-131	1,830	622
	2011	2,727	139	765	-37	2,138	666
	2012	2,752	77	404	12	2,413	681
	2013	2,548	186	250	-92	2,576	659
Other Asia	2010	7,766	0	3,691	66	4,009	173
	2011	6,110	57	2,676	-114	3,605	155
	2012	6,740	0	3,220	44	3,476	149
	2013	7,274	0	4,068	30	3,176	136
Pakistan	2010	1,237	1,130	16	24	2,327	14
	2011	1,227	1,554	1	-4	2,784	16
	2012	*1,514	*1,818	0	*-21	*3,353	*19
	2013	1,564	1,937	0	0	3,501	19
Philippines	2010	1,344	1,480	23	9	2,792	30
	2011	1,508	1,312	32	10	2,779	29
	2012	1,412	1,456	14	18	2,837	30
	2013	1,255	1,709	10	-78	3,033	31
Qatar	2010	1,910	..	795	5	1,110	629
	2011	1,859	..	714	-9	1,154	606
	2012	1,956	..	598	11	1,347	668
	2013	1,600	..	335	0	1,265	602
Saudi Arabia	2010	16,070	3,688	2,820	-805	17,743	632
	2011	16,715	2,220	1,850	-1,961	19,046	662
	2012	17,103	3,945	1,774	-1,350	20,624	699
	2013	15,790	5,669	1,629	-1,757	21,587	715
Singapore	2010	*10,862	12,421	22,481	-37	839	165
	2011	*10,127	13,988	23,155	193	767	148
	2012	*10,224	13,213	22,948	-271	760	143
	2013	10,118	13,132	22,209	180	862	159
Sri Lanka	2010	158	452	..	-7	617	31
	2011	206	508	..	5	709	35
	2012	152	575	..	-24	751	37
	2013	144	539	..	-104	787	38
State of Palestine	2010	..	127	..	..	127	31
	2011	..	134	..	..	134	32
	2012	..	144	..	..	144	33
	2013	..	176	..	..	176	40
Syrian Arab Republic	2010	974	883	1	54	1,802	87
	2011	1,014	711	0	0	1,725	84
	2012	677	620	0	0	1,297	65
	2013	448	825	0	0	1,273	66
Tajikistan	2010	1	79	..	..	80	10
	2011	0	85	..	..	85	11
	2012	1	91	..	..	92	12
	2013	*1	98	..	..	99	12

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
Thailand	2010	6,087	0	936	-13	5,164	77
	2011	5,797	24	676	*41	5,104	76
	2012	6,354	217	1,092	*128	5,351	80
	2013	6,474	191	1,211	146	5,308	79
Timor-Leste	2010	..	*17	..	..	*17	*16
	2011	..	*18	..	..	*18	*17
	2012	..	*20	..	..	*20	*18
	2013	..	*23	..	..	*23	*20
Turkey	2010	3,828	270	2,012	45	2,041	28
	2011	4,280	136	2,420	57	1,939	26
	2012	4,379	48	2,631	2	1,794	24
	2013	4,314	20	2,506	-81	1,909	25
Turkmenistan	2010	2,090	..	885	..	1,205	239
	2011	2,130	..	902	..	1,228	240
	2012	2,010	..	851	..	1,159	224
	2013	2,220	..	940	..	1,280	244
United Arab Emirates	2010	2,834	1,864	..	..	4,698	564
	2011	3,535	1,984	..	..	5,519	632
	2012	3,750	1,961	..	..	5,711	638
	2013	3,912	*2,293	..	..	6,205	686
Uzbekistan	2010	1,444	..	31	..	1,413	51
	2011	1,308	..	28	..	1,280	45
	2012	1,226	..	26	..	1,200	42
	2013	1,105	..	23	..	1,082	37
Viet Nam	2010	2,329	1,995	0	-450	4,774	54
	2011	2,355	2,915	0	226	5,044	56
	2012	2,596	2,805	0	97	5,304	59
	2013	2,348	2,323	276	-18	4,413	48
Yemen	2010	944	430	..	..	1,374	58
	2011	438	943	..	..	1,381	57
	2012	128	1,022	..	..	1,150	46
	2013	182	1,393	..	..	1,575	62
Europe	2010	179,090	31,287	76,862	-395	133,909	182
	2011	175,627	32,476	76,655	-440	131,888	179
	2012	179,690	32,603	85,132	-346	127,507	173
	2013	174,439	30,244	81,097	792	122,794	166
Albania	2010	..	126	..	0	126	43
	2011	..	119	..	0	119	41
	2012	..	100	..	0	100	35
	2013	..	147	..	36	111	39
Andorra	2010	..	21	..	..	21	250
	2011	..	21	..	..	21	252
	2012	..	*21	..	..	*21	*262
	2013	..	*21	..	..	*21	*274
Austria	2010	1,519	834	598	-108	1,863	222
	2011	1,614	779	569	63	1,761	209
	2012	1,635	884	776	-48	1,791	212
	2013	1,631	814	829	-102	1,718	202
Belarus	2010	3,158	3	2,122	65	974	103
	2011	3,135	2	1,975	-47	1,209	127
	2012	3,729	1	2,606	37	1,087	115
	2013	3,683	3	2,517	48	1,121	118

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
Belgium	2010	4,873	1,034	4,661	24	1,222	112
	2011	3,857	1,350	4,090	-71	1,188	108
	2012	4,577	931	4,366	-27	1,169	106
	2013	4,267	631	3,731	12	1,155	104
Bosnia and Herzegovina	2010	88	173	0	0	261	68
	2011	74	159	5	0	228	59
	2012	109	129	46	0	192	50
	2013	146	118	63	1	200	52
Bulgaria	2010	1,479	258	1,144	-2	595	80
	2011	1,531	236	1,214	15	538	73
	2012	1,658	254	1,386	13	513	70
	2013	1,757	228	1,526	37	422	58
Croatia	2010	1,094	230	664	10	650	151
	2011	871	216	501	-49	635	148
	2012	990	169	549	20	590	138
	2013	928	99	472	-21	576	135
Czech Republic	2010	1,550	591	253	30	1,858	177
	2011	1,415	622	299	-56	1,794	170
	2012	1,534	460	298	27	1,669	158
	2013	1,343	559	332	0	1,570	149
Denmark	2010	1,817	748	954	8	1,603	289
	2011	1,857	718	1,065	38	1,472	264
	2012	2,011	758	1,364	-13	1,418	253
	2013	2,033	696	1,348	2	1,379	245
Estonia	2010	..	273	0	-2	275	206
	2011	..	261	0	0	261	197
	2012	..	511	261	-2	252	190
	2013	..	358	118	5	235	178
Faeroe Islands	2010	..	*12	..	..	*12	*243
	2011	..	*12	..	..	*12	*239
	2012	..	*11	..	..	*11	*230
	2013	..	*10	..	..	*10	*214
Finland	2010	3,998	17	2,331	-209	1,893	353
	2011	4,212	28	2,443	5	1,792	332
	2012	4,313	62	2,491	9	1,875	346
	2013	4,303	614	3,102	217	1,598	293
France	2010	13,981	863	5,947	38	8,859	141
	2011	13,416	449	4,783	-15	9,097	144
	2012	12,304	373	4,513	-143	8,307	131
	2013	11,176	203	3,701	-110	7,788	122
Germany	2010	22,087	2,049	4,885	94	19,157	238
	2011	21,720	1,902	4,745	-95	18,972	236
	2012	20,734	1,558	4,992	-37	17,337	215
	2013	20,448	1,832	5,036	-48	17,292	215
Gibraltar	2010	..	28	..	..	28	911
	2011	..	27	..	..	27	869
	2012	..	27	..	..	27	860
	2013	..	29	..	..	29	914
Greece	2010	4,407	371	1,372	46	3,360	301
	2011	3,950	563	1,385	-101	3,229	290
	2012	4,592	380	2,382	-11	2,601	234
	2013	4,205	334	2,018	71	2,450	222

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
Hungary	2010	1,273	392	217	23	1,425	142
	2011	1,206	319	274	-38	1,289	129
	2012	1,212	318	235	-10	1,305	131
	2013	1,107	337	250	3	1,191	120
Iceland	2010	..	144	..	-4	148	465
	2011	..	145	..	2	143	445
	2012	..	138	..	1	137	424
	2013	..	133	..	-2	135	415
Ireland	2010	511	1,048	35	109	1,415	306
	2011	543	1,141	250	30	1,404	302
	2012	546	1,013	406	-15	1,168	250
	2013	546	833	166	-12	1,225	262
Italy	2010	18,997	133	8,903	-115	10,342	173
	2011	18,875	127	8,422	37	10,543	177
	2012	18,333	44	9,229	-219	9,367	157
	2013	15,431	357	7,897	188	7,703	129
Latvia	2010	..	250	14	-33	269	129
	2011	..	256	4	1	251	122
	2012	..	235	7	9	219	108
	2013	..	225	20	1	204	101
Lithuania	2010	2,675	59	2,550	-11	195	62
	2011	2,694	25	2,554	-3	168	55
	2012	2,504	22	2,353	33	140	46
	2013	2,535	15	2,466	-45	129	44
Luxembourg	2010	..	348	..	-4	352	693
	2011	..	368	..	-1	369	710
	2012	..	350	..	-1	351	659
	2013	..	317	..	-2	319	585
Malta	2010	..	69	..	-4	73	177
	2011	..	82	..	9	73	176
	2012	..	64	..	-9	73	176
	2013	..	73	..	1	72	173
Montenegro	2010	..	57	0	..	57	92
	2011	..	55	12	..	43	69
	2012	..	48	11	..	37	59
	2013	..	45	13	..	32	51
Netherlands	2010	7,870	9,418	16,550	-242	980	59
	2011	6,778	10,405	15,113	172	1,898	114
	2012	11,760	12,017	19,443	189	4,145	247
	2013	12,098	9,689	17,696	133	3,958	235
Norway	2010	3,332	257	1,976	-133	1,746	357
	2011	3,820	164	2,804	53	1,127	227
	2012	3,697	177	2,433	22	1,419	283
	2013	3,866	160	2,186	27	1,813	357
Poland	2010	4,291	415	463	21	4,222	109
	2011	3,969	530	518	-30	4,011	104
	2012	4,020	437	678	-99	3,878	100
	2013	4,052	414	872	-95	3,689	96
Portugal	2010	2,218	178	1,035	-30	1,391	131
	2011	1,875	191	799	18	1,249	118
	2012	1,864	160	898	-26	1,152	110
	2013	2,338	102	1,293	67	1,080	103

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
Republic of Moldova	2010	..	186	..	-12	198	48
	2011	..	212	..	4	208	51
	2012	..	161	..	-8	169	41
	2013	..	162	..	0	162	40
Romania	2010	2,823	65	1,361	73	1,454	72
	2011	2,886	68	1,714	-49	1,289	64
	2012	2,751	113	1,549	-45	1,360	68
	2013	2,863	129	1,692	23	1,277	65
Russian Federation	2010	35,926	498	2,963	127	33,334	233
	2011	36,686	1,013	3,864	70	33,765	236
	2012	38,232	219	3,205	185	35,061	245
	2013	39,379	615	4,334	-29	35,689	249
Serbia	2010	473	0	0	-11	484	53
	2011	430	25	0	1	454	50
	2012	372	55	0	12	415	46
	2013	401	52	68	-11	396	44
Slovakia	2010	1,317	251	910	-9	667	123
	2011	1,473	182	1,045	-15	625	115
	2012	1,407	220	1,008	28	591	109
	2013	1,449	215	1,068	-16	612	113
Slovenia	2010	..	728	146	0	582	284
	2011	..	714	144	4	566	275
	2012	..	686	150	22	514	249
	2013	..	579	113	-10	476	231
Spain	2010	8,373	163	3,423	45	5,068	109
	2011	7,823	113	3,341	-87	4,682	100
	2012	7,543	81	3,378	-90	4,336	93
	2013	7,735	77	3,407	-25	4,430	95
Sweden	2010	4,189	1,858	2,133	-46	3,960	422
	2011	4,335	1,487	2,327	-61	3,556	376
	2012	4,715	1,177	2,829	-55	3,118	327
	2013	3,706	1,244	1,952	-23	3,021	314
Switzerland	2010	1,319	1,850	0	9	3,160	402
	2011	1,263	1,716	5	-61	3,035	381
	2012	1,028	1,910	18	-8	2,928	363
	2013	1,388	1,403	20	-27	2,798	343
T.F.Yug.Rep. Macedonia	2010	161	34	62	9	123	60
	2011	110	63	55	-13	130	63
	2012	46	106	38	8	106	51
	2013	22	101	18	-16	122	59
Ukraine	2010	2,875	2,118	571	54	4,368	96
	2011	2,837	2,214	973	-59	4,137	91
	2012	1,636	2,039	460	-31	3,246	72
	2013	1,056	1,761	237	73	2,507	56
United Kingdom	2010	20,416	3,137	8,619	-205	15,139	241
	2011	20,372	3,398	9,363	-111	14,518	230
	2012	19,838	4,184	10,774	-64	13,312	209
	2013	18,547	4,509	10,536	441	12,079	189
Oceania	2010	13,934	4,364	197	-75	18,177	499
	2011	13,805	3,584	129	40	17,220	465
	2012	13,114	4,437	130	-2	17,424	463
	2013	12,691	4,565	74	106	17,076	447

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
Australia	2010	12,557	2,839	162	-28	15,262	689
	2011	12,473	1,939	128	58	14,226	631
	2012	11,741	2,684	129	-9	14,305	624
	2013	11,321	2,710	74	77	13,880	596
Cook Islands	2010	..	*5	..	..	*5	*246
	2011	..	*5	..	..	*5	*245
	2012	..	*5	..	..	*5	*244
	2013	..	*5	..	..	*5	*242
Fiji	2010	..	392	..	..	392	455
	2011	..	395	..	..	395	455
	2012	..	393	..	..	393	449
	2013	..	424	..	..	424	482
French Polynesia	2010	..	49	..	..	49	182
	2011	..	48	..	..	48	176
	2012	..	46	..	..	46	169
	2013	..	46	..	..	46	167
Kiribati	2010	..	*4	..	..	*4	*41
	2011	..	*4	..	..	*4	*39
	2012	..	*4	..	..	*4	*39
	2013	..	*4	..	..	*4	*38
Micronesia(Fed. States of)	2010	..	11	..	..	11	104
	2011	..	*12	..	..	*12	*116
	2012	..	*14	..	..	*14	*135
	2013	..	*15	..	..	*15	*145
Nauru	2010	..	1	..	..	1	108
	2011	..	*1	..	..	*1	*110
	2012	..	*1	..	..	*1	*109
	2013	..	*1	..	..	*1	*119
New Caledonia	2010	..	72	*1	*4	68	274
	2011	..	71	*1	*2	68	271
	2012	..	74	*1	*4	69	271
	2013	..	65	0	-3	68	267
New Zealand	2010	1,377	913	34	-50	2,306	528
	2011	1,332	951	0	-22	2,305	523
	2012	1,360	1,100	0	7	2,453	553
	2013	1,343	1,118	0	25	2,436	546
Niue	2010	..	*1	..	..	*1	*333
	2011	..	*1	..	..	*1	*340
	2012	..	*1	..	..	*1	*341
	2013	..	*1	..	..	*1	*342
Palau	2010	..	*25	..	..	*25	*1,241
	2011	..	*26	..	..	*26	*1,262
	2012	..	*26	..	..	*26	*1,253
	2013	..	*26	..	..	*26	*1,243
Papua New Guinea	2010	0	0	..	-1	1	0
	2011	0	78	..	1	77	11
	2012	13	28	..	-5	46	6
	2013	27	89	..	7	110	15
Samoa	2010	..	*20	..	0	*20	*106
	2011	..	23	..	0	22	119
	2012	..	*25	..	0	*24	*128
	2013	..	*21	..	0	*20	*106

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
Solomon Islands	2010	..	*16	..	..	*16	*30
	2011	..	*16	..	..	*16	*29
	2012	..	*16	..	..	*16	*29
	2013	..	*17	..	..	*17	*30
Tonga	2010	..	9	..	..	9	84
	2011	..	8	..	..	8	77
	2012	..	14	..	..	14	130
	2013	..	16	..	..	16	153
Vanuatu	2010	..	7	..	..	7	30
	2011	..	6	..	..	6	26
	2012	..	6	..	..	6	25
	2013	..	6	..	..	6	23
Wallis and Futuna Is.	2010	..	*2	..	..	*2	*111
	2011	..	*1	..	..	*1	*108
	2012	..	1	..	..	1	102
	2013	..	*1	..	..	*1	*101

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 include kerosene-type jet fuel.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/ classification.

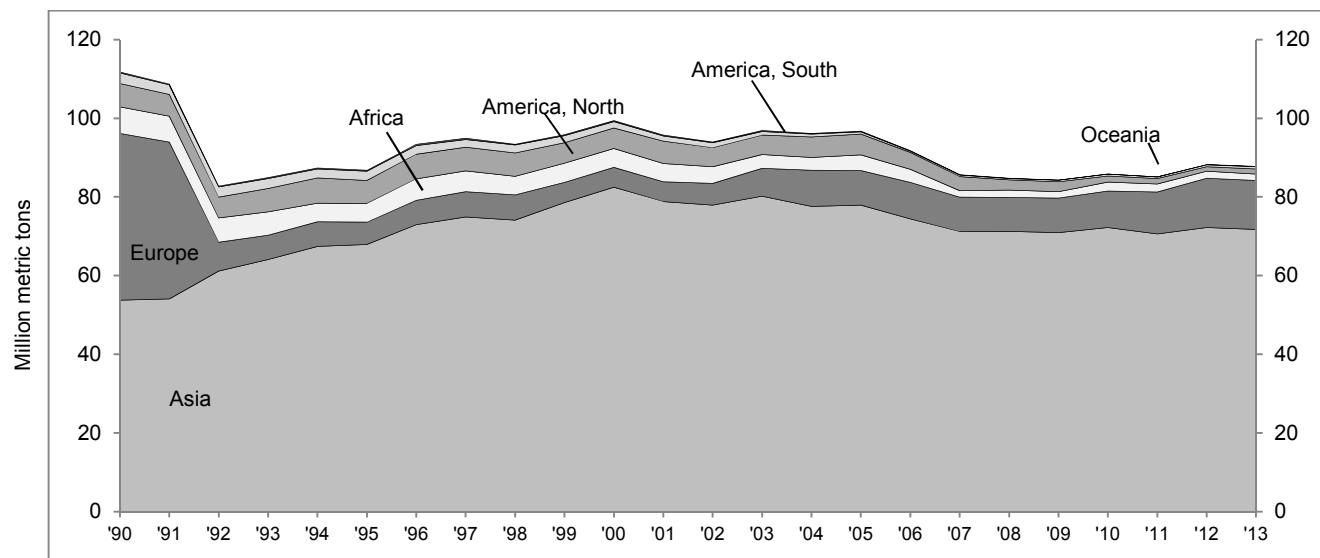
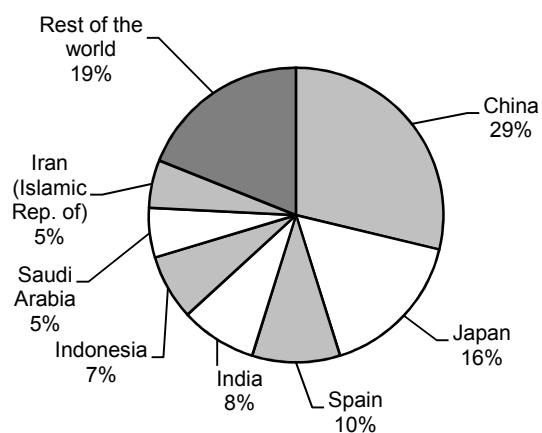
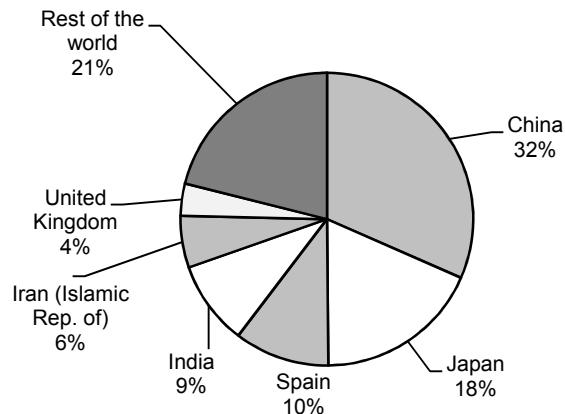
Figure 51: Production of other kerosene by region, 1990-2013**Figure 52: Major other kerosene producing countries, 2013****Figure 53: Major other kerosene consuming countries, 2013**

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
World	2010	85,816	17,867	22,247	-614	82,051	12
	2011	85,119	19,081	22,840	959	80,401	11
	2012	88,215	17,425	23,501	-141	82,280	12
	2013	87,768	18,853	24,885	879	80,858	11
Africa	2010	2,224	3,094	377	-15	4,956	5
	2011	1,989	2,802	374	-33	4,450	4
	2012	1,829	3,619	286	-1	5,163	5
	2013	1,624	3,500	77	30	5,017	4
Angola	2010	0	66	..	0	66	3
	2011	73	0	..	0	73	3
	2012	76	0	..	6	70	3
	2013	89	0	..	23	66	3
Benin	2010	..	393	47	-4	350	37
	2011	..	406	49	0	357	37
	2012	..	428	52	0	376	37
	2013	..	452	55	0	397	38
Botswana	2010	..	8	..	..	8	4
	2011	..	8	..	..	8	4
	2012	..	8	..	..	8	4
	2013	..	8	..	..	8	4
Burkina Faso	2010	..	18	..	..	18	1
	2011	..	4	..	..	4	0
	2012	..	1	..	..	1	0
	2013	..	2	..	..	2	0
Burundi	2010	..	3	..	0	3	0
	2011	..	3	..	0	3	0
	2012	..	3	..	0	2	0
	2013	..	3	..	0	3	0
Cabo Verde	2010	..	1	..	..	1	1
	2011	..	1	..	..	1	1
	2012	..	1	..	..	1	1
	2013	..	0	..	..	0	1
Cameroon	2010	..	..	..	-17	17	1
	2011	..	..	..	0	0	0
	2012	..	..	..	0	0	0
	2013	..	..	..	0	0	0
Central African Rep.	2010	..	*26	..	..	*26	*6
	2011	..	*27	..	..	*27	*6
	2012	..	*28	..	..	*28	*6
	2013	..	*28	..	..	*28	*6
Chad	2010	..	*1	..	..	*1	0
	2011	..	*1	..	..	*1	0
	2012	..	*1	..	..	*1	0
	2013	..	*1	..	..	*1	0
Comoros	2010	..	*8	..	..	*8	*11
	2011	..	*9	..	..	*9	*13
	2012	..	*9	..	..	*9	*12
	2013	..	*10	..	..	*10	*13
Congo	2010	34	4	..	14	24	6
	2011	22	1	..	0	23	6
	2012	32	0	..	0	32	7
	2013	34	0	..	0	34	8

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
Côte d'Ivoire	2010	68	..	..	..	68	3
	2011	45	..	..	..	45	2
	2012	59	..	..	..	59	3
	2013	65	..	..	..	65	3
Dem. Rep. of the Congo	2010	..	4	..	..	4	0
	2011	..	9	..	..	9	0
	2012	..	9	..	..	9	0
	2013	..	10	..	..	10	0
Djibouti	2010	..	12	..	..	12	14
	2011	..	12	..	..	12	14
	2012	..	*12	..	..	*12	*14
	2013	..	*13	..	..	*13	*15
Egypt	2010	431	..	280	..	151	2
	2011	285	..	*275	..	10	0
	2012	296	..	*215	..	81	1
	2013	86	..	0	..	86	1
Equatorial Guinea	2010	..	*10	..	..	*10	*14
	2011	..	*10	..	..	*10	*13
	2012	..	*10	..	..	*10	*13
	2013	..	*10	..	..	*10	*13
Eritrea	2010	..	13	..	..	13	3
	2011	..	14	..	..	14	3
	2012	..	14	..	..	14	3
	2013	..	14	..	..	14	3
Ethiopia	2010	..	229	..	-10	239	3
	2011	..	215	..	-22	237	3
	2012	..	267	..	-2	269	3
	2013	..	260	..	3	257	3
Gabon	2010	29	4	..	..	33	21
	2011	29	4	..	..	33	21
	2012	31	4	..	..	35	22
	2013	33	4	..	..	37	22
Gambia	2010	..	*22	*1	..	*21	*12
	2011	..	*19	*1	..	*18	*10
	2012	..	*21	*1	..	*20	*11
	2013	..	*22	*1	..	*21	*11
Ghana	2010	71	..	..	..	71	3
	2011	53	..	..	..	53	2
	2012	21	..	..	..	21	1
	2013	15	..	..	..	15	1
Guinea	2010	..	13	..	..	13	1
	2011	..	16	..	..	16	1
	2012	..	12	..	..	12	1
	2013	..	11	..	..	11	1
Guinea-Bissau	2010	..	*8	..	..	*8	*5
	2011	..	*8	..	..	*8	*5
	2012	..	*8	..	..	*8	*5
	2013	..	*8	..	..	*8	*5
Kenya	2010	149	167	..	..	316	8
	2011	118	150	..	..	268	6
	2012	67	242	..	..	309	7
	2013	33	263	..	..	296	7

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
Libya	2010	391	0	32	..	359	57
	2011	131	0	37	..	94	15
	2012	194	197	0	..	391	62
	2013	173	118	0	..	291	46
Madagascar	2010	..	38	..	-3	40	2
	2011	..	42	..	-2	44	2
	2012	..	44	..	0	43	2
	2013	..	25	..	0	25	1
Malawi	2010	..	*22	..	..	*22	*1
	2011	..	*22	..	..	*22	*1
	2012	..	*22	..	..	*22	*1
	2013	..	*22	..	..	*22	*1
Mali	2010	..	*22	..	..	*22	*1
	2011	..	*23	..	..	*23	*1
	2012	..	*23	..	..	*23	*1
	2013	..	*24	..	..	*24	*1
Mauritius	2010	..	7	..	-1	8	6
	2011	..	4	..	-1	5	4
	2012	..	7	..	3	4	3
	2013	..	3	..	2	1	1
Mozambique	2010	..	20	..	..	20	1
	2011	..	18	..	..	18	1
	2012	..	0	..	..	0	0
	2013	..	0	..	..	0	0
Niger	2010	..	3	..	-1	4	0
	2011	..	3	..	0	3	0
	2012	..	2	..	0	2	0
	2013	..	2	..	0	2	0
Nigeria	2010	584	1,512	..	..	2,096	13
	2011	674	1,416	..	..	2,090	13
	2012	544	1,948	..	..	2,492	15
	2013	570	1,901	..	..	2,471	14
Rwanda	2010	..	*12	..	..	*12	*1
	2011	..	*14	..	..	*14	*1
	2012	..	*16	..	..	*16	*1
	2013	..	*15	..	..	*15	*1
Sao Tome and Principe	2010	..	3	..	..	3	19
	2011	..	*3	..	..	*3	*19
	2012	..	*4	..	..	*4	*20
	2013	..	*4	..	..	*4	*19
Senegal	2010	3	..	..	..	3	0
	2011	3	..	..	..	3	0
	2012	1	..	..	..	1	0
	2013	0	..	..	..	0	0
Seychelles	2010	..	*1	..	..	*1	*11
	2011	..	*1	..	..	*1	*11
	2012	..	*1	..	..	*1	*11
	2013	..	*1	..	..	*1	*11
Sierra Leone	2010	..	13	..	..	13	2
	2011	..	13	..	..	13	2
	2012	..	14	..	..	14	2
	2013	..	13	..	..	13	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	2010	..	*33	..	..	*33	*3
	2011	..	*33	..	..	*33	*3
	2012	..	*38	..	..	*38	*4
	2013	..	*33	..	..	*33	*3
South Africa	2010	413	..	4	..	409	8
	2011	463	..	2	..	461	9
	2012	430	..	1	..	429	8
	2013	424	..	1	..	423	8
South Sudan	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	..	2	..	..	2	0
	2013	..	2	..	..	2	0
Sudan	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	8	..	..	..	8	0
	2013	19	..	..	..	19	0
Sudan (former)	2010	4	..	..	..	4	0
	2011	24	..	..	..	24	1
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Swaziland	2010	..	*9	..	..	*9	*7
	2011	..	*8	..	..	*8	*7
	2012	..	*8	..	..	*8	*6
	2013	..	*9	..	..	*9	*7
Togo	2010	..	50	..	-1	51	8
	2011	..	53	..	0	53	8
	2012	..	57	..	0	57	8
	2013	..	58	..	0	58	8
Tunisia	2010	16	37	..	7	46	4
	2011	40	14	..	-8	62	6
	2012	37	0	..	-8	45	4
	2013	52	0	..	2	50	5
Uganda	2010	..	64	..	..	64	2
	2011	..	60	..	..	60	2
	2012	..	60	..	..	60	2
	2013	..	59	..	..	59	2
United Rep. of Tanzania	2010	..	207	..	..	207	5
	2011	..	124	..	..	124	3
	2012	..	65	..	..	65	1
	2013	..	53	..	..	53	1
Zambia	2010	31	..	13	..	18	1
	2011	29	..	10	..	19	1
	2012	33	..	17	..	16	1
	2013	31	..	20	..	11	1
Zimbabwe	2010	..	33	..	..	33	2
	2011	..	34	..	..	34	2
	2012	..	36	..	..	36	2
	2013	..	39	..	..	39	3
America, North	2010	1,579	333	123	-35	1,823	3
	2011	1,395	572	538	-9	1,438	3
	2012	1,122	359	400	-54	1,134	2
	2013	1,301	483	396	17	1,371	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
Bahamas	2010	..	*3	..	..	*3	*9
	2011	..	*3	..	..	*3	*9
	2012	..	*3	..	..	*3	*9
	2013	..	*3	..	..	*3	*9
Barbados	2010	..	11	..	3	8	30
	2011	..	9	..	0	9	32
	2012	..	8	..	1	7	24
	2013	..	9	..	1	8	29
Belize	2010	..	1	..	..	1	3
	2011	..	0	..	..	0	0
	2012	..	0	..	..	0	0
	2013	..	0	..	..	0	0
Bermuda	2010	..	0	..	..	0	3
	2011	..	2	..	..	2	36
	2012	..	4	..	..	4	66
	2013	..	3	..	..	3	41
British Virgin Islands	2010	..	*4	..	..	*4	*147
	2011	..	*4	..	..	*4	*143
	2012	..	*4	..	..	*4	*140
	2013	..	*4	..	..	*4	*138
Canada	2010	607	46	16	-15	652	19
	2011	489	339	5	-24	847	25
	2012	495	108	76	33	494	14
	2013	607	258	72	-19	812	23
Costa Rica	2010	2	..	..	-2	4	1
	2011	2	..	..	0	2	1
	2012	0	..	..	0	0	0
	2013	0	..	..	0	0	0
Cuba	2010	0	..	..	..	0	0
	2011	4	..	..	..	4	0
	2012	31	..	..	..	31	3
	2013	*30	..	..	..	*30	*3
Dominica	2010	..	*1	..	..	*1	*14
	2011	..	*1	..	..	*1	*14
	2012	..	*1	..	..	*1	*14
	2013	..	*1	..	..	*1	*14
Dominican Republic	2010	9	..	..	..	9	1
	2011	10	..	..	..	10	1
	2012	9	..	..	..	9	1
	2013	10	..	..	..	10	1
El Salvador	2010	2	2	..	..	4	1
	2011	2	2	..	..	4	1
	2012	1	3	..	..	4	1
	2013	0	3	..	..	3	1
Grenada	2010	..	0	..	..	0	2
	2011	..	0	..	..	0	1
	2012	..	0	..	..	0	1
	2013	..	0	..	..	0	1
Guadeloupe	2010	..	*7	..	..	*7	*15
	2011	..	*7	..	..	*7	*15
	2012	..	*7	..	..	*7	*15
	2013	..	*8	..	..	*8	*17

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
Guatemala	2010	0	18	..	2	16	1
	2011	1	21	..	3	19	1
	2012	1	39	..	0	40	3
	2013	0	61	..	20	42	3
Haiti	2010	..	64	..	..	64	6
	2011	..	56	..	..	56	6
	2012	..	13	..	..	13	1
	2013	..	23	..	..	23	2
Honduras	2010	..	44	..	0	44	6
	2011	..	37	..	-7	44	6
	2012	..	41	..	0	41	5
	2013	..	35	..	0	35	4
Jamaica	2010	2	..	..	..	2	1
	2011	*2	..	..	..	*2	*1
	2012	*6	..	..	..	*6	*2
	2013	*1	..	..	..	*1	*1
Martinique	2010	*116	*2	*33	..	*85	*214
	2011	*123	*2	*33	..	*91	*231
	2012	*125	*2	*33	..	*93	*235
	2013	*125	*2	*32	..	*95	*239
Montserrat	2010	..	*1	..	..	*1	*202
	2011	..	*1	..	..	*1	*200
	2012	..	*1	..	..	*1	*199
	2013	..	*1	..	..	*1	*198
Nicaragua	2010	6	..	..	..	6	1
	2011	5	..	..	..	5	1
	2012	5	..	..	..	5	1
	2013	5	..	..	..	5	1
Panama	2010	..	24	..	..	24	7
	2011	..	30	..	..	30	8
	2012	..	65	..	..	65	17
	2013	..	16	..	..	16	4
St. Kitts-Nevis	2010	..	*11	..	..	*11	*208
	2011	..	*11	..	..	*11	*208
	2012	..	*12	..	..	*12	*224
	2013	..	*12	..	..	*12	*221
St. Lucia	2010	..	*1	..	..	*1	*6
	2011	..	*1	..	..	*1	*6
	2012	..	*1	..	..	*1	*6
	2013	..	*1	..	..	*1	*6
Trinidad and Tobago	2010	29	..	..	..	29	22
	2011	30	..	..	..	30	22
	2012	29	..	..	..	29	22
	2013	32	..	..	..	32	24
United States	2010	805	93	74	-23	847	3
	2011	728	45	500	19	254	1
	2012	420	47	291	-88	264	1
	2013	491	43	292	16	226	1
America, South	2010	464	19	..	-12	495	1
	2011	444	18	..	34	429	1
	2012	501	22	..	-23	545	1
	2013	549	25	..	39	535	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
Argentina	2010	44	..	..	0	44	1
	2011	36	..	..	-5	41	1
	2012	20	..	..	6	14	0
	2013	21	..	..	1	20	0
Bolivia (Plur. State of)	2010	16	..	..	0	16	2
	2011	16	..	..	0	16	2
	2012	15	..	..	0	15	1
	2013	14	..	..	-1	15	1
Brazil	2010	20	..	..	0	20	0
	2011	25	..	..	1	24	0
	2012	19	..	..	0	19	0
	2013	12	..	..	0	12	0
Chile	2010	58	0	..	-12	70	4
	2011	78	0	..	29	49	3
	2012	100	0	..	-30	130	7
	2013	141	8	..	39	110	6
Colombia	2010	182	..	..	..	182	4
	2011	196	..	..	..	196	4
	2012	216	..	..	..	216	5
	2013	236	..	..	..	236	5
Ecuador	2010	4	..	..	..	4	0
	2011	5	..	..	..	5	0
	2012	5	..	..	..	5	0
	2013	5	..	..	..	5	0
Falkland Is. (Malvinas)	2010	..	*4	..	..	*4	*1,296
	2011	..	*4	..	..	*4	*1,331
	2012	..	*4	..	..	*4	*1,397
	2013	..	*4	..	..	*4	*1,390
French Guiana	2010	..	*1	..	..	*1	*4
	2011	..	*1	..	..	*1	*4
	2012	..	*1	..	..	*1	*5
	2013	..	*1	..	..	*1	*5
Guyana	2010	..	14	..	0	14	19
	2011	..	13	..	3	10	13
	2012	..	16	..	1	15	20
	2013	..	11	..	0	11	14
Peru	2010	67	..	..	0	67	2
	2011	66	..	..	6	60	2
	2012	49	..	..	0	49	2
	2013	46	..	..	0	46	2
Suriname	2010	..	0	..	..	0	1
	2011	..	0	..	..	0	1
	2012	..	0	..	..	0	1
	2013	..	0	..	..	0	1
Uruguay	2010	8	..	..	0	8	2
	2011	8	..	..	0	8	2
	2012	9	..	..	1	8	2
	2013	7	..	..	0	8	2
Venezuela (Bolivar. Rep.)	2010	65	..	..	..	65	2
	2011	14	..	..	..	14	0
	2012	68	..	..	..	68	2
	2013	67	..	..	..	67	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
Asia	2010	72,217	10,420	20,228	-445	62,853	15
	2011	70,586	11,933	20,326	988	61,206	15
	2012	72,256	10,960	21,441	47	61,728	14
	2013	71,727	11,708	22,790	546	60,099	14
Afghanistan	2010	..	50	..	..	50	2
	2011	..	36	..	..	36	1
	2012	..	26	..	..	26	1
	2013	..	*26	..	..	*26	*1
Azerbaijan	2010	0	0	..	-1	1	0
	2011	0	0	..	0	1	0
	2012	0	20	..	0	19	2
	2013	0	28	..	3	26	3
Bahrain	2010	42	..	18	0	24	19
	2011	25	..	0	0	25	19
	2012	25	..	0	0	25	19
	2013	28	..	0	0	28	21
Bangladesh	2010	242	108	..	-16	366	2
	2011	283	154	..	53	384	3
	2012	226	20	..	-94	340	2
	2013	286	28	..	20	294	2
Bhutan	2010	..	5	..	..	5	6
	2011	..	5	..	..	5	6
	2012	..	4	..	..	4	6
	2013	..	4	..	..	4	5
Brunei Darussalam	2010	4	..	..	..	4	10
	2011	3	..	..	..	3	8
	2012	7	..	..	..	7	17
	2013	7	..	..	..	7	17
Cambodia	2010	..	31	..	..	31	2
	2011	..	12	..	..	12	1
	2012	..	6	..	..	6	0
	2013	..	3	..	..	3	0
China	2010	19,244	7,261	6,050	123	20,331	15
	2011	19,224	8,751	6,563	90	21,322	16
	2012	21,640	8,773	7,451	-37	22,999	17
	2013	25,239	9,452	9,175	-6	25,522	19
China, Macao SAR	2010	..	1	..	..	1	2
	2011	..	*1	..	..	*1	*2
	2012	..	*1	..	..	*1	*2
	2013	..	*1	..	..	*1	*2
Cyprus	2010	..	8	..	0	8	7
	2011	..	16	..	1	15	13
	2012	..	13	..	-2	15	13
	2013	..	12	..	-1	13	11
Georgia	2010	0	26	..	0	26	6
	2011	0	21	..	1	20	5
	2012	3	16	..	-1	20	5
	2013	0	0	..	0	0	0
India	2010	7,702	1,381	33	0	9,050	7
	2011	7,789	564	34	0	8,319	7
	2012	7,868	0	23	0	7,845	6
	2013	7,338	0	15	-179	7,502	6

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
Indonesia	2010	2,478	0	179	..	2,299	10
	2011	1,857	0	349	..	1,508	6
	2012	1,396	0	248	..	1,148	5
	2013	1,233	5	206	..	1,032	4
Iran (Islamic Rep. of)	2010	5,629	..	0	..	5,629	76
	2011	5,407	..	158	..	5,249	70
	2012	5,689	..	0	..	5,689	75
	2013	4,616	..	0	..	4,616	60
Iraq	2010	2,100	55	..	..	2,155	70
	2011	2,258	394	..	..	2,652	83
	2012	2,212	386	..	..	2,598	79
	2013	2,059	359	..	..	2,418	71
Israel	2010	590	292	520	0	362	49
	2011	527	393	470	40	410	54
	2012	367	430	377	0	420	55
	2013	421	430	538	0	313	40
Japan	2010	15,993	857	160	-43	16,733	131
	2011	15,615	1,209	488	55	16,281	128
	2012	14,779	987	117	126	15,523	122
	2013	14,404	747	619	-266	14,798	117
Jordan	2010	85	..	..	16	69	11
	2011	58	..	..	-18	75	11
	2012	96	..	..	15	81	12
	2013	34	..	..	-28	62	9
Kazakhstan	2010	224	2	80	-6	152	9
	2011	177	1	19	-2	161	10
	2012	167	48	6	32	177	11
	2013	168	77	16	5	224	13
Korea, Dem.Ppl's.Rep.	2010	36	1	..	..	37	2
	2011	36	1	..	..	37	2
	2012	36	1	..	..	37	1
	2013	37	1	..	..	38	2
Korea, Republic of	2010	4,931	42	835	80	4,058	83
	2011	4,632	59	1,159	-65	3,597	73
	2012	4,200	19	981	-370	3,608	73
	2013	2,918	23	863	370	1,708	34
Kuwait	2010	5,981	..	5,944	..	37	12
	2011	5,912	..	5,869	..	43	13
	2012	6,401	..	6,353	..	48	14
	2013	6,287	..	6,245	..	42	12
Lao People's Dem. Rep.	2010	..	*22	..	..	*22	*4
	2011	..	*22	..	..	*22	*4
	2012	..	*23	..	..	*23	*4
	2013	..	*24	..	..	*24	*4
Malaysia	2010	468	148	433	1	182	6
	2011	406	144	680	-5	-125	-4
	2012	633	5	680	-1	-41	-1
	2013	375	280	521	-6	139	5
Maldives	2010	..	0	..	..	0	0
	2011	..	0	..	..	0	1
	2012	..	0	..	..	0	0
	2013	..	7	..	..	7	19

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
Mongolia	2010	..	16	..	..	16	6
	2011	..	*20	..	..	*20	*7
	2012	..	*22	..	..	*22	*8
	2013	..	*39	..	..	*39	*14
Myanmar	2010	2	..	..	..	2	0
	2011	1	..	..	..	1	0
	2012	1	..	..	..	1	0
	2013	0	..	..	..	0	0
Nepal	2010	..	43	..	..	43	2
	2011	..	42	..	..	42	2
	2012	..	24	..	..	24	1
	2013	..	18	..	..	18	1
Oman	2010	4	..	..	..	4	1
	2011	4	..	..	..	4	1
	2012	4	..	..	..	4	1
	2013	4	..	..	..	4	1
Pakistan	2010	122	..	..	-11	134	1
	2011	132	..	..	3	129	1
	2012	*161	..	..	*-4	*165	*1
	2013	166	..	..	-3	169	1
Philippines	2010	140	37	13	-19	184	2
	2011	100	32	7	-2	127	1
	2012	92	29	0	-3	125	1
	2013	87	46	0	21	112	1
Saudi Arabia	2010	4,667	..	4,901	-439	205	7
	2011	4,878	..	3,525	1,139	214	7
	2012	5,124	..	4,834	65	225	8
	2013	4,775	..	4,251	166	358	12
Singapore	2010	679	0	729	-50	0	0
	2011	718	38	919	-163	0	0
	2012	718	20	346	393	0	0
	2013	307	16	321	1	0	0
Sri Lanka	2010	93	0	..	-12	105	5
	2011	93	0	..	-54	147	7
	2012	75	55	..	4	126	6
	2013	57	56	..	-12	126	6
State of Palestine	2010	..	2	..	..	2	0
	2011	..	1	..	..	1	0
	2012	..	2	..	..	2	0
	2013	..	1	..	..	1	0
Syrian Arab Republic	2010	4	..	..	2	2	0
	2011	4	..	..	0	4	0
	2012	3	..	..	0	3	0
	2013	2	..	..	0	2	0
Thailand	2010	372	..	333	28	11	0
	2011	123	..	86	*26	11	0
	2012	61	..	25	*25	11	0
	2013	543	..	15	519	9	0
Turkey	2010	39	..	..	-15	54	1
	2011	60	..	..	-5	65	1
	2012	45	..	..	-3	48	1
	2013	53	..	..	-3	56	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
Turkmenistan	2010	180	..	..	..	180	36
	2011	150	..	..	..	150	29
	2012	140	..	..	..	140	27
	2013	140	..	..	..	140	27
Uzbekistan	2010	59	..	..	..	59	2
	2011	56	..	..	..	56	2
	2012	50	..	..	..	50	2
	2013	47	..	..	..	47	2
Viet Nam	2010	..	32	0	-82	114	1
	2011	..	17	0	-106	123	1
	2012	..	29	0	-100	129	1
	2013	..	25	5	-51	71	1
Yemen	2010	107	..	..	..	107	5
	2011	58	..	..	..	58	2
	2012	37	..	..	..	37	1
	2013	96	..	..	..	96	4
Europe	2010	9,303	3,941	1,519	-104	11,829	16
	2011	10,689	3,702	1,602	-19	12,808	17
	2012	12,482	2,413	1,374	-111	13,632	18
	2013	12,446	3,110	1,622	242	13,692	19
Austria	2010	3	1	..	..	4	0
	2011	0	1	..	..	1	0
	2012	16	6	..	..	22	3
	2013	18	4	..	..	22	3
Belarus	2010	251	..	252	-13	12	1
	2011	274	..	241	3	30	3
	2012	146	..	162	-24	8	1
	2013	102	..	99	-2	5	1
Belgium	2010	44	68	53	-4	63	6
	2011	36	113	112	19	18	2
	2012	35	100	79	2	54	5
	2013	26	83	44	-5	70	6
Croatia	2010	..	1	..	..	1	0
	2011	..	1	..	..	1	0
	2012	..	1	..	..	1	0
	2013	..	1	..	..	1	0
Czech Republic	2010	..	3	..	..	3	0
	2011	..	3	..	..	3	0
	2012	..	3	..	..	3	0
	2013	..	2	..	..	2	0
Finland	2010	..	662	85	..	577	107
	2011	..	888	71	..	817	151
	2012	..	94	88	..	6	1
	2013	..	312	125	..	187	34
France	2010	96	271	38	-5	334	5
	2011	1	293	32	1	261	4
	2012	0	461	67	-4	398	6
	2013	0	480	67	0	413	6
Germany	2010	6	21	1	0	26	0
	2011	5	18	0	0	23	0
	2012	3	11	0	-1	15	0
	2013	4	9	0	1	12	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
Greece	2010	12	..	3	-2	11	1
	2011	10	..	0	2	8	1
	2012	6	..	0	-2	8	1
	2013	0	..	2	1	-3	0
Hungary	2010	..	0	..	..	0	0
	2011	..	2	..	..	2	0
	2012	..	0	..	..	0	0
	2013	..	0	..	..	0	0
Ireland	2010	209	722	140	7	784	170
	2011	117	596	0	-17	730	157
	2012	131	503	6	27	601	129
	2013	106	471	5	28	544	116
Italy	2010	136	409	245	-51	351	6
	2011	563	553	351	2	763	13
	2012	672	193	144	-30	751	13
	2013	396	565	305	116	540	9
Latvia	2010	..	0	0	0	0	0
	2011	..	6	2	4	0	0
	2012	..	0	4	-4	0	0
	2013	..	1	1	0	0	0
Luxembourg	2010	..	0	..	..	0	0
	2011	..	1	..	..	1	2
	2012	..	1	..	..	1	2
	2013	..	1	..	..	1	2
Netherlands	2010	288	705	377	-102	718	43
	2011	390	379	469	-16	316	19
	2012	585	217	435	-38	405	24
	2013	407	228	293	22	320	19
Norway	2010	183	57	131	43	66	13
	2011	434	177	104	-43	550	111
	2012	223	10	248	0	-15	-3
	2013	196	142	275	19	44	9
Poland	2010	1	0	..	..	1	0
	2011	1	1	..	..	2	0
	2012	1	1	..	..	2	0
	2013	1	1	..	..	2	0
Portugal	2010	2	1	..	1	2	0
	2011	1	1	..	0	2	0
	2012	1	1	..	-2	4	0
	2013	1	1	..	0	2	0
Romania	2010	14	1	..	..	15	1
	2011	26	1	..	..	27	1
	2012	23	1	..	..	24	1
	2013	5	1	..	..	6	0
Slovakia	2010	1	2	..	1	2	0
	2011	2	0	..	-1	3	1
	2012	1	0	..	0	1	0
	2013	1	0	..	0	1	0
Spain	2010	5,487	13	..	15	5,485	118
	2011	6,452	15	..	0	6,467	138
	2012	8,371	0	..	2	8,369	179
	2013	8,478	0	..	-15	8,493	183

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
Sweden	2010	..	2	3	..	-1	0
	2011	..	1	0	..	1	0
	2012	..	1	0	..	1	0
	2013	..	1	0	..	1	0
Switzerland	2010	..	3	..	..	3	0
	2011	..	3	..	..	3	0
	2012	..	3	..	..	3	0
	2013	..	2	..	..	2	0
Ukraine	2010	..	27	0	1	26	1
	2011	..	31	47	-2	-14	0
	2012	..	104	29	3	72	2
	2013	..	168	28	-4	144	3
United Kingdom	2010	2,570	972	191	5	3,346	53
	2011	2,377	618	173	29	2,793	44
	2012	2,268	702	112	-40	2,898	46
	2013	2,705	637	378	81	2,883	45
Oceania	2010	30	60	0	-3	93	3
	2011	16	53	0	-2	71	2
	2012	25	53	0	1	77	2
	2013	122	26	0	5	143	4
Australia	2010	28	0	..	-3	31	1
	2011	14	0	..	-2	16	1
	2012	10	1	..	1	10	0
	2013	10	0	..	0	10	0
Fiji	2010	..	0	0	..	0	0
	2011	..	0	0	..	0	0
	2012	..	1	0	..	1	1
	2013	..	1	0	..	1	1
French Polynesia	2010	..	*1	..	..	*1	*4
	2011	..	*1	..	..	*1	*4
	2012	..	*1	..	..	*1	*4
	2013	..	*1	..	..	*1	*4
Kiribati	2010	..	*3	..	..	*3	*29
	2011	..	*3	..	..	*3	*28
	2012	..	*3	..	..	*3	*27
	2013	..	*3	..	..	*3	*27
New Caledonia	2010	..	*5	..	..	*5	*20
	2011	..	*4	..	..	*4	*16
	2012	..	*4	..	..	*4	*14
	2013	..	3	..	..	3	13
New Zealand	2010	2	..	..	..	2	0
	2011	2	..	..	..	2	0
	2012	0	..	..	..	0	0
	2013	0	..	..	..	0	0
Niue	2010	..	0	..	..	0	*14
	2011	..	0	..	..	0	*15
	2012	..	0	..	..	0	*15
	2013	..	0	..	..	0	*17
Palau	2010	..	*2	..	..	*2	*98
	2011	..	*2	..	..	*2	*97
	2012	..	*2	..	..	*2	*96
	2013	..	*2	..	..	*2	*96

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
Papua New Guinea	2010	0	35	..	0	35	5
	2011	0	27	..	0	27	4
	2012	15	26	..	0	41	6
	2013	112	0	..	5	107	15
Samoa	2010	..	*9	..	..	*9	*49
	2011	..	12	..	..	12	64
	2012	..	*13	..	..	*13	*67
	2013	..	*13	..	..	*13	*67
Solomon Islands	2010	..	*3	..	..	*3	*5
	2011	..	*3	..	..	*3	*5
	2012	..	*3	..	..	*3	*5
	2013	..	*3	..	..	*3	*5
Tonga	2010	..	2	..	..	2	18
	2011	..	1	..	..	1	7
	2012	..	0	..	..	0	4
	2013	..	0	..	..	0	2
Vanuatu	2010	..	0	..	0	0	*1
	2011	..	1	..	0	0	1
	2012	..	0	..	0	0	*1
	2013	..	0	..	0	0	1

Table 20**Production, trade and supply of jet fuels**

Thousand metric tons and kilograms per capita

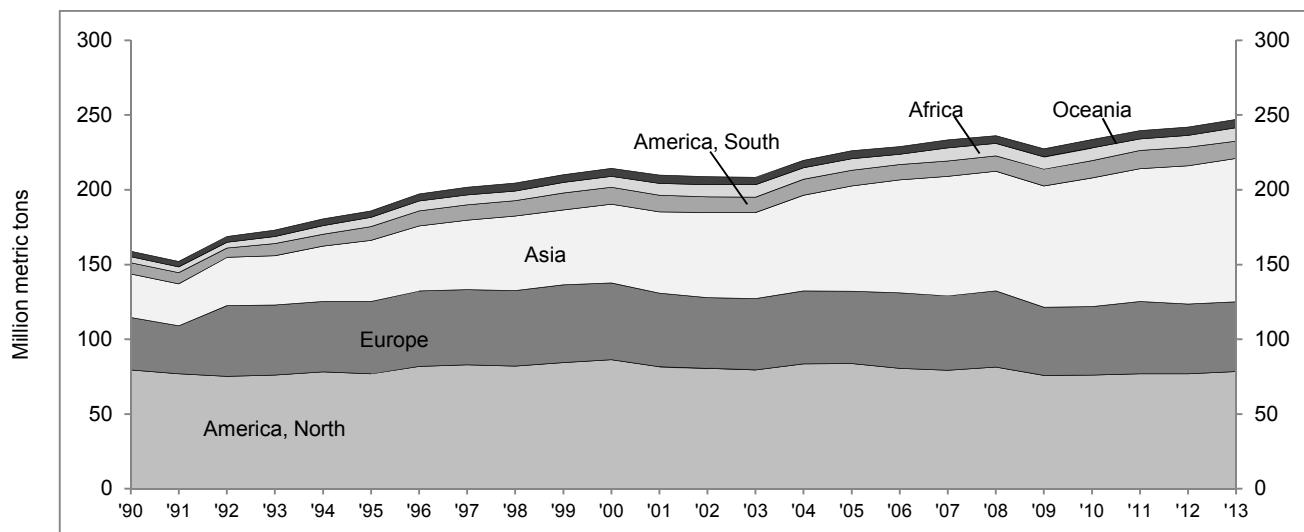
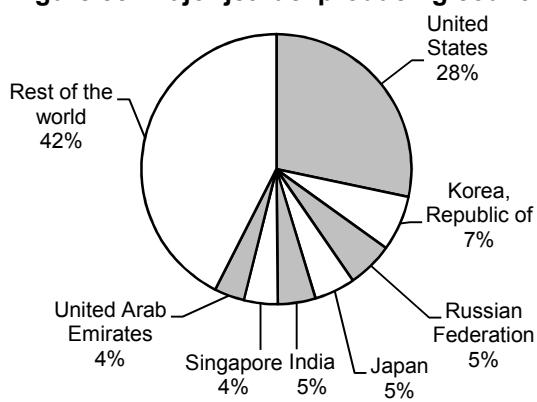
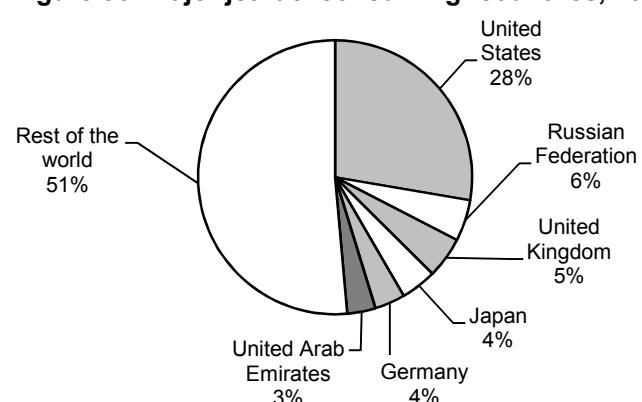
Table Notes

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 jet fuels are included with other kerosene (Table 19).

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/ classification.

Figure 54: Production of jet fuels by region, 1990-2013**Figure 55: Major jet fuel producing countries, 2013****Figure 56: Major jet fuel consuming¹ countries, 2013**

¹ Consumption includes bunkers

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
World	2010	233,521	62,131	62,546	143,725	549	88,833	13
	2011	239,573	61,873	62,470	149,902	83	88,991	13
	2012	241,955	60,736	65,061	151,503	-82	86,209	12
	2013	247,104	65,541	70,462	153,113	163	88,907	12
Africa	2010	8,749	3,750	3,178	6,627	337	2,356	2
	2011	7,699	3,649	2,401	6,646	-22	2,322	2
	2012	7,959	4,064	2,551	7,258	-33	2,246	2
	2013	9,121	4,217	4,048	6,945	49	2,295	2
Algeria	2010	1,409	..	927	450	-2	34	1
	2011	1,209	..	750	454	2	3	0
	2012	1,204	..	683	506	0	15	0
	2013	1,713	..	1,124	523	8	58	2
Angola	2010	303	119	2	200	0	220	10
	2011	268	176	7	208	0	229	10
	2012	303	68	8	173	-1	191	8
	2013	339	109	8	201	17	222	9
Benin	2010	..	149	..	149	..	0	0
	2011	..	154	..	154	..	0	0
	2012	..	162	..	162	..	0	0
	2013	..	171	..	171	..	0	0
Botswana	2010	..	18	..	16	..	2	1
	2011	..	19	..	17	..	2	1
	2012	..	20	..	18	..	2	1
	2013	..	21	..	19	..	2	1
Burkina Faso	2010	..	38	..	*35	..	3	0
	2011	..	41	..	*41	..	0	0
	2012	..	43	..	*43	..	0	0
	2013	..	55	..	*55	..	0	0
Burundi	2010	..	4	..	5	0	0	0
	2011	..	5	..	4	1	0	0
	2012	..	4	..	4	0	0	0
	2013	..	4	..	4	0	0	0
Cabo Verde	2010	..	61	..	58	..	4	8
	2011	..	65	..	51	..	14	29
	2012	..	72	..	59	..	13	27
	2013	..	67	..	63	..	4	7
Cameroon	2010	332	3	152	65	-12	130	6
	2011	346	3	184	68	0	97	5
	2012	362	3	193	71	0	101	5
	2013	382	3	205	75	0	105	5
Central African Rep.	2010	..	*31	..	*31	..	0	0
	2011	..	*31	..	*31	..	0	0
	2012	..	*33	..	*33	..	0	0
	2013	..	*33	..	*33	..	0	0
Chad	2010	..	*25	..	*18	..	*7	*1
	2011	..	*25	..	*18	..	*7	*1
	2012	..	*25	..	*18	..	*7	*1
	2013	..	*25	..	*18	..	*7	*1
Comoros	2010	..	*3	..	*2	..	*1	*1
	2011	..	*4	..	*3	..	*1	*1
	2012	..	*4	..	*3	..	*1	*1
	2013	..	*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	2010	47	44	..	60	4	27	7
	2011	39	52	..	56	-4	39	9
	2012	57	18	..	60	0	15	3
	2013	60	20	..	64	0	16	4
Côte d'Ivoire	2010	672	..	616	56	..	0	0
	2011	579	..	525	54	..	0	0
	2012	792	..	732	60	..	0	0
	2013	878	..	813	65	..	0	0
Dem. Rep. of the Congo	2010	..	152	..	147	..	5	0
	2011	..	145	..	145	..	0	0
	2012	..	151	..	151	..	0	0
	2013	..	164	..	164	..	0	0
Djibouti	2010	..	88	..	88	..	0	0
	2011	..	82	..	82	..	0	0
	2012	..	*83	..	*83	..	0	0
	2013	..	*87	..	*87	..	0	0
Egypt	2010	1,908	0	544	808	..	556	7
	2011	1,519	0	183	771	..	565	7
	2012	1,505	129	311	815	..	508	6
	2013	1,629	73	457	564	..	681	8
Equatorial Guinea	2010	..	*35	..	*35	..	0	0
	2011	..	*35	..	*35	..	0	0
	2012	..	*35	..	*35	..	0	0
	2013	..	*35	..	*35	..	0	0
Eritrea	2010	..	1	..	1	..	0	0
	2011	..	1	..	1	..	0	0
	2012	..	1	..	1	..	0	0
	2013	..	1	..	1	..	0	0
Ethiopia	2010	..	320	..	272	..	48	1
	2011	..	320	..	272	..	48	1
	2012	..	347	..	318	-27	56	1
	2013	..	441	..	350	29	62	1
Gabon	2010	65	23	21	56	11	0	0
	2011	65	25	21	60	9	0	0
	2012	69	28	22	63	12	0	0
	2013	73	28	34	67	0	0	0
Ghana	2010	117	5	..	102	0	20	1
	2011	116	*5	..	127	0	-6	0
	2012	48	101	..	125	0	23	1
	2013	60	46	..	127	-4	-18	-1
Guinea	2010	..	*30	..	*25	..	*5	0
	2011	..	*30	..	*25	..	*5	0
	2012	..	*30	..	*25	..	*5	0
	2013	..	*30	..	*25	..	*5	0
Guinea-Bissau	2010	..	*11	..	*11	..	0	0
	2011	..	*11	..	*11	..	0	0
	2012	..	*11	..	*11	..	0	0
	2013	..	*11	..	*11	..	0	0
Kenya	2010	200	512	1	673	35	3	0
	2011	275	399	0	671	0	3	0
	2012	157	516	0	671	0	2	0
	2013	106	447	0	551	0	2	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
Liberia	2010	..	19	..	*5	..	14	4
	2011	..	19	..	*5	..	15	4
	2012	..	29	..	*7	..	22	5
	2013	..	18	..	*7	..	12	3
Libya	2010	1,428	..	859	193	368	8	1
	2011	656	..	603	50	0	3	0
	2012	742	..	530	208	0	4	1
	2013	985	..	825	156	0	4	1
Madagascar	2010	..	88	..	49	-1	40	2
	2011	..	63	..	62	2	0	0
	2012	..	68	..	63	5	0	0
	2013	..	53	..	53	1	0	0
Malawi	2010	..	*13	..	..	..	*13	*1
	2011	..	*13	..	..	..	*13	*1
	2012	..	*13	..	..	..	*13	*1
	2013	..	*13	..	..	..	*13	*1
Mali	2010	..	*21	..	*21	..	0	0
	2011	..	*21	..	*21	..	0	0
	2012	..	*22	..	*22	..	0	0
	2013	..	*23	..	*23	..	0	0
Mauritania	2010	..	19	..	18	..	1	0
	2011	..	18	..	17	..	1	0
	2012	..	24	..	23	..	1	0
	2013	..	30	..	29	..	1	0
Mauritius	2010	..	235	..	115	1	119	95
	2011	..	226	..	119	-22	129	103
	2012	..	213	..	110	-38	141	112
	2013	..	241	..	227	9	5	4
Morocco	2010	410	102	0	560	-48	0	0
	2011	553	88	0	629	12	0	0
	2012	877	50	0	923	4	0	0
	2013	1,060	15	514	576	-15	0	0
Mozambique	2010	..	64	..	64	..	0	0
	2011	..	59	..	59	..	0	0
	2012	..	70	..	65	..	5	0
	2013	..	77	..	70	..	7	0
Namibia	2010	..	45	..	37	..	8	4
	2011	..	15	..	*13	..	3	1
	2012	..	46	..	*39	..	7	3
	2013	..	22	..	*20	..	2	1
Niger	2010	..	13	..	13	..	0	0
	2011	..	15	..	15	..	0	0
	2012	..	12	..	12	..	0	0
	2013	..	22	..	22	..	0	0
Nigeria	2010	67	98	..	165	..	0	0
	2011	77	107	..	184	..	0	0
	2012	62	112	..	174	..	0	0
	2013	65	276	..	341	..	0	0
Réunion	2010	..	180	..	*53	2	125	150
	2011	..	199	..	*61	-3	141	169
	2012	..	185	..	*54	6	125	149
	2013	..	*210	..	*61	*6	*143	*168

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
Rwanda	2010	..	*27	..	*15	..	*12	*1
	2011	..	*31	..	*17	..	*14	*1
	2012	..	*35	..	*20	..	*16	*1
	2013	..	*34	..	*19	..	*15	*1
Sao Tome and Principe	2010	..	11	..	10	..	1	6
	2011	..	*11	..	*10	..	*1	*6
	2012	..	*11	..	*10	..	*1	*6
	2013	..	*11	..	*10	..	*1	*5
Senegal	2010	37	187	..	220	-2	6	0
	2011	63	154	..	207	-2	12	1
	2012	8	194	..	199	-1	4	0
	2013	12	251	..	250	-3	16	1
Seychelles	2010	..	50	..	*42	..	8	89
	2011	..	40	..	*35	..	5	48
	2012	..	32	..	*28	..	4	39
	2013	..	30	..	*26	..	4	39
Sierra Leone	2010	..	*8	..	*8	..	0	0
	2011	..	*8	..	*8	..	0	0
	2012	..	*8	..	*8	..	0	0
	2013	..	*8	..	*8	..	0	0
Somalia	2010	..	*42	..	42	..	0	0
	2011	..	*38	..	38	..	0	0
	2012	..	*42	..	42	..	0	0
	2013	..	*42	..	42	..	0	0
South Africa	2010	1,549	236	56	827	..	902	17
	2011	1,771	225	128	888	..	980	19
	2012	1,622	271	72	871	..	950	18
	2013	1,649	219	68	863	..	937	18
South Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	..	39	..	31	..	8	1
	2013	..	46	..	36	..	10	1
Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	118	101	..	219	..	0	0
	2013	79	78	..	*192	..	*-35	*-1
Sudan (former)	2010	174	92	..	266	..	0	0
	2011	134	158	..	307	..	-15	0
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Swaziland	2010	..	*1	..	*1	..	0	0
	2011	..	*1	..	*1	..	0	0
	2012	..	*1	..	*1	..	0	0
	2013	..	*1	..	*1	..	0	0
Togo	2010	..	74	..	69	-4	9	1
	2011	..	59	..	65	-7	1	0
	2012	..	65	..	70	-7	2	0
	2013	..	68	..	74	-7	1	0
Tunisia	2010	..	249	..	244	-15	20	2
	2011	..	238	..	234	-9	13	1
	2012	..	300	..	282	14	4	0
	2013	..	304	..	283	8	13	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
Uganda	2010	..	*86	..	*86	..	0	0
	2011	..	90	..	*90	..	0	0
	2012	..	*92	..	*92	..	0	0
	2013	..	92	..	*92	..	0	0
United Rep. of Tanzania	2010	..	107	..	107	..	0	0
	2011	..	114	..	114	..	0	0
	2012	..	122	..	122	..	0	0
	2013	..	130	..	130	..	0	0
Zambia	2010	31	4	..	29	..	6	0
	2011	29	3	..	32	..	0	0
	2012	33	16	..	49	..	0	0
	2013	31	18	..	49	..	0	0
Zimbabwe	2010	..	8	..	8	..	0	0
	2011	..	9	..	9	..	0	0
	2012	..	10	..	10	..	0	0
	2013	..	10	..	10	..	0	0
America, North	2010	76,164	7,546	5,491	26,316	-60	51,964	95
	2011	76,932	8,241	6,163	26,282	-265	52,994	96
	2012	76,931	6,834	7,348	25,968	-48	50,497	91
	2013	78,315	8,259	8,642	26,683	-255	51,504	91
Antigua and Barbuda	2010	..	*77	..	*43	..	*34	*384
	2011	..	*77	..	45	..	*32	*366
	2012	..	*78	..	46	..	*32	*362
	2013	..	*78	..	*46	..	*32	*358
Aruba	2010	..	*77	..	*77	..	0	0
	2011	..	*78	..	*78	..	0	0
	2012	..	*81	..	*81	..	0	0
	2013	..	*82	..	*82	..	0	0
Bahamas	2010	..	87	..	*87	..	0	1
	2011	..	86	..	*86	..	0	1
	2012	..	89	..	*88	..	0	1
	2013	..	60	..	*59	..	1	4
Barbados	2010	..	*126	..	*126	..	0	0
	2011	..	*141	..	*141	..	0	0
	2012	..	*114	..	*114	..	0	0
	2013	..	*128	..	*128	..	0	0
Belize	2010	..	14	..	13	..	0	2
	2011	..	12	..	11	..	0	1
	2012	..	11	..	11	..	0	1
	2013	..	14	..	14	..	0	1
Bermuda	2010	..	*50	..	*50	..	0	0
	2011	..	12	..	*12	..	0	0
	2012	..	*12	..	*12	..	0	0
	2013	..	*12	..	*12	..	0	0
Bonaire, St Eustatius, Saba	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	..	*7	..	*7	..	0	0
	2013	..	*8	..	*8	..	0	0
Canada	2010	3,930	1,464	386	1,069	-133	4,072	119
	2011	3,286	2,915	249	911	12	5,029	146
	2012	3,805	1,632	376	944	73	4,044	116
	2013	3,796	1,731	468	775	-33	4,317	123

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
Cayman Islands	2010	..	11	..	*10	..	1	18
	2011	..	12	..	*11	..	1	18
	2012	..	13	..	*12	..	1	17
	2013	..	11	..	10	..	1	17
Costa Rica	2010	39	128	1	0	4	163	36
	2011	0	184	0	0	5	179	39
	2012	0	175	0	0	1	174	37
	2013	0	162	0	151	-1	12	3
Cuba	2010	329	577	..	*134	..	772	68
	2011	354	578	..	*134	..	798	70
	2012	284	264	..	*134	..	414	36
	2013	*275	*264	..	*146	..	*393	*35
Curaçao	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	668	59	665	62	..	0	0
	2013	609	59	606	62	..	0	0
Dominica	2010	..	*1	..	*1	..	0	0
	2011	..	*1	..	*1	..	0	0
	2012	..	*1	..	*1	..	0	0
	2013	..	*1	..	*1	..	0	0
Dominican Republic	2010	224	173	..	392	3	2	0
	2011	234	192	..	424	1	1	0
	2012	219	260	..	477	0	1	0
	2013	228	205	..	431	2	1	0
El Salvador	2010	53	55	..	108	0	0	0
	2011	54	56	..	110	0	0	0
	2012	35	87	..	122	0	0	0
	2013	0	140	..	144	-3	0	0
Greenland	2010	..	18	..	..	-2	19	342
	2011	..	21	..	..	-2	23	412
	2012	..	17	..	..	-2	19	332
	2013	..	16	..	..	*-1	17	310
Grenada	2010	..	5	..	5	..	0	0
	2011	..	5	..	5	..	0	0
	2012	..	4	..	4	..	0	0
	2013	..	4	..	4	..	0	0
Guadeloupe	2010	..	*128	..	*128	..	0	0
	2011	..	*129	..	129	..	0	0
	2012	..	*129	..	*129	..	0	0
	2013	..	*129	..	*129	..	0	0
Guatemala	2010	..	61	..	63	-2	0	0
	2011	..	57	..	57	0	0	0
	2012	..	39	..	41	-2	0	0
	2013	..	40	..	40	0	0	0
Haiti	2010	..	20	..	20	..	0	0
	2011	..	17	..	17	..	0	0
	2012	..	55	..	52	..	3	0
	2013	..	94	..	89	..	5	0
Honduras	2010	..	46	..	46	..	0	0
	2011	..	52	..	52	..	0	0
	2012	..	49	..	49	..	0	0
	2013	..	41	..	41	..	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
Jamaica	2010	99	87	..	187	0	0	0
	2011	*91	*98	..	185	4	0	0
	2012	*95	*93	..	181	6	0	0
	2013	*97	*86	..	*184	*-2	0	0
Mexico	2010	2,366	201	60	2,560	12	-65	-1
	2011	2,568	63	80	2,573	33	-55	0
	2012	2,590	170	0	2,723	-4	41	0
	2013	2,774	166	56	2,850	14	20	0
Montserrat	2010	..	0	..	0	..	0	0
	2011	..	*1	..	*1	..	0	0
	2012	..	*1	..	*1	..	0	0
	2013	..	*1	..	*1	..	0	0
Neth. Antilles (former)	2010	327	84	324	87	..	0	0
	2011	641	85	638	88	..	0	0
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Nicaragua	2010	22	1	0	18	-3	8	1
	2011	30	1	0	20	2	9	2
	2012	20	7	4	21	-1	3	1
	2013	28	0	0	20	1	7	1
Panama	2010	..	365	..	345	-64	84	23
	2011	..	428	..	389	-39	78	21
	2012	..	468	..	434	0	34	9
	2013	..	579	..	509	31	39	10
Sint Maarten (Dutch part)	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	..	*18	..	*18	..	0	0
	2013	..	*18	..	*18	..	0	0
Trinidad and Tobago	2010	556	3	219	267	-28	101	76
	2011	655	0	246	301	6	102	76
	2012	397	0	138	169	-9	99	74
	2013	605	0	221	270	6	108	80
United States	2010	68,219	3,689	4,501	20,480	154	46,773	151
	2011	69,019	2,940	4,950	20,501	-287	46,795	150
	2012	68,819	2,901	6,165	20,034	-110	45,631	145
	2013	69,903	4,130	7,291	20,460	-268	46,550	147
America, South	2010	11,448	2,078	3,486	5,540	-307	4,806	12
	2011	12,134	2,046	3,973	5,739	-475	4,943	12
	2012	12,363	2,298	3,390	6,517	-387	5,141	13
	2013	11,471	2,289	2,864	6,553	-612	4,956	12
Argentina	2010	1,316	45	..	606	-7	762	18
	2011	1,276	90	..	694	14	658	16
	2012	1,344	40	..	693	8	683	16
	2013	1,337	55	..	863	13	516	12
Bolivia (Plur. State of)	2010	137	4	..	44	2	95	10
	2011	151	0	..	48	1	102	10
	2012	136	0	..	42	1	93	9
	2013	167	0	..	52	3	112	11
Brazil	2010	3,843	1,562	93	1,864	13	3,435	17
	2011	4,413	1,465	94	2,054	77	3,653	18
	2012	4,449	1,520	109	2,135	-20	3,745	19
	2013	4,567	1,446	131	2,228	-35	3,689	18

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
Chile	2010	593	286	0	482	9	388	23
	2011	570	202	0	415	-30	387	22
	2012	617	466	0	668	23	392	23
	2013	613	456	6	591	25	447	25
Colombia	2010	1,089	25	152	*882	0	80	2
	2011	1,313	17	92	*1,144	8	87	2
	2012	1,339	35	31	*1,233	16	95	2
	2013	1,108	41	29	995	25	99	2
Ecuador	2010	340	11	..	325	22	4	0
	2011	348	3	..	334	17	0	0
	2012	348	3	..	319	26	6	0
	2013	371	18	..	365	21	3	0
French Guiana	2010	..	*42	..	*39	..	*3	*13
	2011	..	*43	..	*40	..	*3	*12
	2012	..	*44	..	*40	..	*4	*16
	2013	..	*44	..	*40	..	*4	*16
Guyana	2010	..	10	..	9	0	1	1
	2011	..	11	..	9	0	2	2
	2012	..	17	..	15	0	3	4
	2013	..	11	..	10	0	1	1
Paraguay	2010	..	30	..	26	0	3	0
	2011	..	30	..	26	0	3	1
	2012	..	31	..	27	0	3	0
	2013	..	33	..	32	-1	3	0
Peru	2010	605	14	445	613	-440	1	0
	2011	597	92	500	753	-565	1	0
	2012	749	72	532	661	-496	124	4
	2013	692	135	574	722	-497	28	1
Suriname	2010	..	42	..	..	..	42	81
	2011	..	44	..	..	..	44	83
	2012	..	45	..	..	..	45	86
	2013	..	47	..	..	..	47	88
Uruguay	2010	74	8	0	74	3	4	1
	2011	50	50	0	92	4	4	1
	2012	72	24	0	92	0	5	2
	2013	72	3	0	70	-3	7	2
Venezuela (Bolivar. Rep.)	2010	3,451	..	2,796	576	91	-12	0
	2011	3,415	..	3,286	129	0	0	0
	2012	3,309	..	2,718	593	55	-57	-2
	2013	2,545	..	2,124	584	-163	0	0
Asia	2010	85,966	15,633	36,057	51,225	739	13,578	3
	2011	88,850	16,254	36,045	55,569	881	12,608	3
	2012	92,577	15,213	37,175	56,686	918	13,012	3
	2013	95,856	16,045	38,126	58,194	459	15,122	4
Afghanistan	2010	..	32	..	10	..	22	1
	2011	..	60	..	10	..	50	2
	2012	..	51	..	10	..	41	1
	2013	..	*51	..	*10	..	*41	*1
Armenia	2010	..	43	..	*43	..	0	0
	2011	..	44	..	*44	..	0	0
	2012	..	47	..	*47	..	0	0
	2013	..	46	..	*46	..	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
Azerbaijan	2010	600	..	115	392	-2	96	11
	2011	621	..	79	425	13	104	11
	2012	626	..	146	371	-7	116	12
	2013	703	..	131	380	28	164	17
Bahrain	2010	3,090	..	2,416	624	28	22	17
	2011	3,026	..	2,466	581	-44	23	18
	2012	3,083	..	2,456	551	47	29	22
	2013	3,327	..	2,831	394	57	45	33
Bangladesh	2010	3	340	..	287	56	0	0
	2011	2	318	..	336	-16	0	0
	2012	4	340	..	312	32	0	0
	2013	0	311	..	318	-7	0	0
Bhutan	2010	..	1	..	1	..	0	0
	2011	..	*1	..	*1	..	0	0
	2012	..	2	..	2	..	0	0
	2013	..	3	..	*3	..	0	0
Brunei Darussalam	2010	104	3	0	104	1	2	5
	2011	102	17	11	107	1	0	0
	2012	47	32	7	80	-3	-5	-12
	2013	65	16	4	83	-1	-5	-12
Cambodia	2010	..	46	..	37	..	9	1
	2011	..	55	..	44	..	11	1
	2012	..	69	..	55	..	14	1
	2013	..	79	..	63	..	16	1
China	2010	554	..	..	..	..	554	0
	2011	583	..	..	..	..	583	0
	2012	626	..	..	..	..	626	0
	2013	676	..	..	..	..	676	0
China, Hong Kong SAR	2010	..	6,684	173	6,467	21	23	3
	2011	..	7,299	308	6,946	28	17	2
	2012	..	6,927	253	6,857	-199	16	2
	2013	..	7,052	1	6,939	96	16	2
Cyprus	2010	..	277	..	270	8	-1	-1
	2011	..	284	..	294	-5	-5	-4
	2012	..	265	..	264	-4	5	4
	2013	..	238	..	235	8	-5	-4
Georgia	2010	..	40	..	40	0	0	0
	2011	..	57	..	35	4	18	4
	2012	..	55	..	37	0	18	4
	2013	..	88	..	84	3	1	0
India	2010	9,570	2	4,478	4,719	0	375	0
	2011	10,051	0	4,561	4,719	0	771	1
	2012	10,077	0	4,664	4,719	0	694	1
	2013	11,210	0	5,745	3,853	39	1,573	1
Indonesia	2010	1,792	488	1	105	..	2,173	9
	2011	2,153	649	1	680	..	2,121	9
	2012	2,403	564	2	722	..	2,243	9
	2013	2,538	781	2	893	..	2,424	10
Iran (Islamic Rep. of)	2010	1,621	1	8	1,519	..	95	1
	2011	1,412	1	0	1,419	..	-6	0
	2012	1,443	0	0	1,408	..	35	0
	2013	1,192	0	0	1,173	..	19	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
Iraq	2010	295	0	..	0	..	295	10
	2011	308	482	..	790	..	0	0
	2012	133	183	..	316	..	0	0
	2013	133	262	..	395	..	0	0
Israel	2010	761	..	0	761	..	0	0
	2011	813	..	0	813	..	0	0
	2012	786	..	0	786	..	0	0
	2013	902	..	111	791	..	0	0
Japan	2010	10,984	307	2,100	5,203	-53	4,041	32
	2011	10,037	998	2,007	5,802	-76	3,302	26
	2012	10,404	1,235	2,171	6,086	196	3,186	25
	2013	12,063	783	2,749	6,166	-60	3,991	31
Jordan	2010	351	1	..	122	-9	239	37
	2011	338	1	..	113	6	220	33
	2012	366	1	..	129	5	233	33
	2013	328	26	..	*134	-4	225	31
Kazakhstan	2010	267	114	..	203	2	176	11
	2011	210	113	..	158	-1	166	10
	2012	200	95	..	197	9	89	5
	2013	200	37	..	164	-1	74	4
Korea, Republic of	2010	13,639	2	9,010	3,775	34	822	17
	2011	14,902	3	10,244	3,808	50	803	16
	2012	16,484	2	11,545	3,810	70	1,061	21
	2013	16,397	2	11,290	4,023	92	994	20
Kuwait	2010	2,567	..	1,857	710	..	0	0
	2011	2,538	..	1,855	683	..	0	0
	2012	2,748	..	1,947	801	..	0	0
	2013	2,495	..	1,768	727	..	0	0
Kyrgyzstan	2010	..	321	52	269	0	0	0
	2011	..	118	67	51	0	0	0
	2012	..	102	73	30	0	-1	0
	2013	..	126	111	48	-33	0	0
Lao People's Dem. Rep.	2010	..	*22	..	*10	..	*12	*2
	2011	..	*22	..	*10	..	*12	*2
	2012	..	*22	..	*10	..	*12	*2
	2013	..	*23	..	*11	..	*12	*2
Lebanon	2010	..	221	..	221	..	0	0
	2011	..	224	..	224	..	0	0
	2012	..	207	..	207	..	0	0
	2013	..	259	..	259	..	0	0
Malaysia	2010	2,802	390	706	*1,615	209	662	24
	2011	3,348	480	661	1,730	799	638	22
	2012	3,794	336	976	1,709	743	702	24
	2013	2,663	831	554	2,323	19	598	20
Maldives	2010	..	21	..	*18	..	3	10
	2011	..	31	..	*27	..	4	11
	2012	..	94	..	*82	..	12	35
	2013	..	132	..	*118	..	14	41
Myanmar	2010	42	31	..	18	2	53	1
	2011	42	68	..	18	-13	105	2
	2012	33	60	..	34	9	50	1
	2013	21	104	..	36	-11	100	2

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
Nepal	2010	..	79	..	79	..	0	0
	2011	..	*89	..	*89	..	0	0
	2012	..	*94	..	*94	..	0	0
	2013	..	*94	..	*94	..	0	0
Oman	2010	590	..	183	407	..	0	0
	2011	632	..	257	375	..	0	0
	2012	712	..	309	403	..	0	0
	2013	564	..	192	372	..	0	0
Other Asia	2010	3,822	0	1,540	1,977	10	295	13
	2011	3,373	40	1,119	1,972	-47	369	16
	2012	3,863	0	1,317	2,073	32	441	19
	2013	3,866	0	1,262	2,198	48	358	15
Pakistan	2010	824	803	642	158	-17	844	5
	2011	703	271	118	200	-13	669	4
	2012	*663	*271	*118	*194	*-21	*643	*4
	2013	*766	*73	0	*192	0	*647	*4
Philippines	2010	786	456	..	1,002	5	234	3
	2011	783	622	..	1,085	-12	332	4
	2012	693	758	..	1,096	0	355	4
	2013	644	972	..	1,112	0	503	5
Qatar	2010	3,199	..	2,011	1,102	86	0	0
	2011	3,581	..	2,105	1,454	22	0	0
	2012	3,387	..	1,650	1,797	-60	0	0
	2013	3,534	..	1,033	1,988	252	261	124
Saudi Arabia	2010	2,773	..	46	2,045	..	682	24
	2011	2,898	..	98	2,100	..	700	24
	2012	3,045	..	148	2,173	..	724	25
	2013	2,837	..	252	1,869	..	716	24
Singapore	2010	8,313	3,384	6,770	*4,927	..	0	0
	2011	9,441	2,089	5,791	*5,760	..	-21	-4
	2012	9,744	1,507	4,859	*6,428	..	-36	-7
	2013	9,972	1,588	4,762	*6,726	..	73	13
Sri Lanka	2010	126	223	..	138	6	205	10
	2011	155	244	..	308	84	7	0
	2012	93	288	..	388	-37	30	1
	2013	125	296	..	348	70	2	0
Syrian Arab Republic	2010	354	..	114	30	150	60	3
	2011	347	..	259	29	0	59	3
	2012	246	..	176	23	0	47	2
	2013	163	..	99	22	0	42	2
Tajikistan	2010	..	29	..	29	..	0	0
	2011	..	31	..	31	..	0	0
	2012	..	33	..	33	..	0	0
	2013	..	35	..	35	..	0	0
Thailand	2010	4,756	2	1,078	*3,111	63	506	8
	2011	4,816	8	919	*3,342	*19	544	8
	2012	4,471	2	574	*3,342	*13	544	8
	2013	5,007	12	1,152	3,648	-301	520	8
Timor-Leste	2010	..	*3	..	*3	..	0	0
	2011	..	*3	..	*3	..	0	0
	2012	..	*3	..	*3	..	0	0
	2013	..	*3	..	*3	..	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
Turkey	2010	2,613	433	1,322	1,184	138	402	6
	2011	2,879	568	1,997	1,133	3	314	4
	2012	3,277	589	2,437	1,003	45	381	5
	2013	3,584	522	2,746	1,013	-7	354	5
Turkmenistan	2010	530	..	..	530	..	0	0
	2011	480	..	..	480	..	0	0
	2012	415	..	..	415	..	0	0
	2013	455	..	..	455	..	0	0
United Arab Emirates	2010	7,680	..	1,187	*6,188	..	305	37
	2011	7,894	..	989	*6,581	..	324	37
	2012	8,411	..	1,262	*6,813	..	336	38
	2013	8,919	..	879	*7,663	..	377	42
Uzbekistan	2010	157	..	..	..	..	157	6
	2011	148	..	..	..	..	148	5
	2012	132	..	..	..	..	132	5
	2013	125	..	..	..	..	125	4
Viet Nam	2010	39	833	..	657	0	215	2
	2011	39	964	..	698	78	227	3
	2012	43	979	..	735	48	239	3
	2013	57	1,200	230	684	172	171	2
Yemen	2010	363	..	248	115	..	0	0
	2011	195	..	133	62	..	0	0
	2012	125	..	85	40	..	0	0
	2013	326	..	222	104	..	0	0
Europe	2010	45,788	31,000	14,254	49,702	-156	12,989	18
	2011	48,399	29,750	13,852	51,407	-71	12,961	18
	2012	46,542	30,254	14,561	51,005	-534	11,764	16
	2013	46,831	31,817	16,756	50,456	516	10,920	15
Albania	2010	..	22	..	*8	..	14	5
	2011	..	20	..	*8	..	12	4
	2012	..	20	..	*8	..	12	4
	2013	..	28	..	*8	..	20	7
Austria	2010	476	197	2	650	-12	33	4
	2011	615	119	8	688	5	33	4
	2012	618	94	24	659	-3	32	4
	2013	654	99	21	627	73	32	4
Belarus	2010	0	0	0	0	0	0	0
	2011	0	0	0	0	0	0	0
	2012	0	0	0	0	0	0	0
	2013	361	16	255	100	9	13	1
Belgium	2010	1,775	1,743	1,707	1,339	310	162	15
	2011	1,498	1,813	1,548	1,434	-76	405	37
	2012	1,819	2,104	2,675	1,316	-116	48	4
	2013	1,497	1,544	1,653	1,240	44	104	9
Bosnia and Herzegovina	2010	..	5	..	5	..	0	0
	2011	..	5	..	5	..	0	0
	2012	..	5	..	5	..	0	0
	2013	..	4	..	4	..	0	0
Bulgaria	2010	190	1	12	163	-1	17	2
	2011	186	8	11	165	-2	20	3
	2012	171	8	10	159	-2	12	2
	2013	166	5	4	155	0	12	2

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
Croatia	2010	94	12	5	53	-3	51	12
	2011	117	2	6	53	3	57	13
	2012	97	20	4	66	-2	49	11
	2013	109	16	0	79	..	46	11
Czech Republic	2010	144	207	0	303	7	41	4
	2011	134	182	0	300	-56	72	7
	2012	143	198	1	284	22	34	3
	2013	111	173	0	274	-9	19	2
Denmark	2010	407	815	347	787	17	71	13
	2011	275	834	440	808	-204	65	12
	2012	224	683	151	814	-107	49	9
	2013	145	796	68	806	8	59	10
Estonia	2010	..	32	0	36	-5	1	1
	2011	..	36	0	34	2	0	0
	2012	..	58	21	36	0	1	1
	2013	..	50	21	28	1	0	0
Faeroe Islands	2010	..	*3	..	3	..	0	0
	2011	..	*4	..	4	..	0	0
	2012	..	0	..	0	..	0	0
	2013	..	0	..	0	..	0	0
Finland	2010	610	121	6	522	-28	231	43
	2011	795	126	78	617	14	212	39
	2012	618	213	78	596	-13	170	31
	2013	671	130	11	615	15	160	29
France	2010	4,399	3,897	1,267	5,363	-116	1,782	28
	2011	4,761	3,610	680	5,648	-31	2,074	33
	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
Germany	2010	4,876	4,626	690	7,879	-24	957	12
	2011	4,967	4,197	766	7,489	-9	918	11
	2012	5,216	4,845	1,134	8,095	77	755	9
	2013	4,757	5,273	1,145	8,150	130	605	8
Gibraltar	2010	..	5	..	5	..	0	0
	2011	..	7	..	7	..	0	0
	2012	..	6	..	6	..	0	0
	2013	..	7	..	7	..	0	0
Greece	2010	1,602	457	950	664	27	418	37
	2011	1,845	404	1,094	720	1	434	39
	2012	1,784	120	831	641	-10	442	40
	2013	2,371	39	1,248	656	-10	516	47
Hungary	2010	231	0	10	229	-8	0	0
	2011	239	2	1	230	10	0	0
	2012	169	0	7	167	-5	0	0
	2013	181	3	19	163	-1	3	0
Iceland	2010	..	121	..	120	-8	9	28
	2011	..	142	..	134	-1	9	28
	2012	..	148	..	140	2	6	19
	2013	..	167	..	158	3	6	18
Ireland	2010	..	1,014	0	703	-75	386	84
	2011	..	870	0	658	9	203	44
	2012	..	723	0	551	-10	182	39
	2013	..	873	60	609	25	179	38

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	2010	3,223	892	137	3,084	51	843	14
	2011	3,068	1,283	205	3,164	155	827	14
	2012	2,605	1,038	51	3,019	-228	801	13
	2013	2,435	1,434	3	2,922	169	775	13
Latvia	2010	..	119	4	114	1	0	0
	2011	..	310	167	114	29	0	0
	2012	..	271	184	115	-29	1	0
	2013	..	138	19	119	-1	1	0
Lithuania	2010	848	19	210	47	-3	613	196
	2011	829	7	229	54	-5	558	182
	2012	815	168	336	61	20	566	188
	2013	1,019	48	275	68	-19	743	251
Luxembourg	2010	..	422	..	419	5	-2	-4
	2011	..	388	..	392	-4	0	0
	2012	..	361	..	361	0	0	0
	2013	..	363	..	363	0	0	0
Malta	2010	..	94	0	99	-5	0	0
	2011	..	108	1	102	4	1	2
	2012	..	101	1	97	1	2	5
	2013	..	113	10	102	0	1	2
Montenegro	2010	..	19	17	2	..	0	0
	2011	..	12	2	10	..	0	0
	2012	..	12	0	12	..	0	0
	2013	..	13	0	13	..	0	0
Netherlands	2010	6,330	3,804	6,726	3,287	49	72	4
	2011	7,063	2,685	6,344	3,413	-73	64	4
	2012	6,589	2,647	5,844	3,289	-3	106	6
	2013	6,467	3,847	6,832	3,354	81	47	3
Norway	2010	477	275	36	419	-58	355	73
	2011	415	302	128	413	46	130	26
	2012	501	346	98	392	-19	376	75
	2013	598	434	85	478	9	460	90
Poland	2010	705	0	197	495	8	5	0
	2011	873	2	390	485	33	-33	-1
	2012	937	34	446	524	-53	54	1
	2013	877	53	380	512	26	12	0
Portugal	2010	967	134	71	855	12	163	15
	2011	791	249	0	891	7	142	13
	2012	910	181	43	899	-10	159	15
	2013	1,132	17	43	909	49	148	14
Republic of Moldova	2010	..	17	5	13	-1	0	0
	2011	..	19	0	13	0	6	1
	2012	..	22	0	22	0	0	0
	2013	..	21	0	21	0	0	0
Romania	2010	281	37	157	141	9	11	1
	2011	274	57	149	126	24	32	2
	2012	254	41	165	115	-11	26	1
	2013	297	12	168	141	2	-2	0
Russian Federation	2010	11,147	0	0	6,074	..	5,073	35
	2011	12,555	0	0	6,257	..	6,298	44
	2012	12,863	0	0	6,431	..	6,432	45
	2013	13,615	73	1,849	5,913	..	5,926	41

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
Serbia	2010	68	6	34	41	-1	0	0
	2011	75	8	36	46	1	0	0
	2012	73	1	37	38	-1	0	0
	2013	73	1	32	42	-1	1	0
Slovakia	2010	45	0	5	40	0	0	0
	2011	58	0	9	42	-1	8	1
	2012	47	0	6	36	3	2	0
	2013	118	0	72	40	-3	9	2
Slovenia	2010	..	26	0	27	-2	1	0
	2011	..	24	0	23	0	1	0
	2012	..	24	1	23	-1	1	0
	2013	..	26	0	25	0	1	0
Spain	2010	848	2,440	51	2,964	-15	288	6
	2011	257	2,736	275	3,548	50	-880	-19
	2012	163	2,303	177	3,505	15	-1,231	-26
	2013	150	1,840	422	3,494	-106	-1,820	-39
Sweden	2010	181	676	31	671	-35	190	20
	2011	190	823	52	721	-46	286	30
	2012	245	656	44	686	-26	197	21
	2013	169	559	48	774	53	-147	-15
Switzerland	2010	64	1,361	0	1,367	2	56	7
	2011	81	1,455	0	1,469	16	51	6
	2012	38	1,541	3	1,493	10	73	9
	2013	38	1,572	2	1,500	7	101	12
T.F.Yug.Rep. Macedonia	2010	19	0	15	7	-2	0	0
	2011	27	0	23	4	1	0	0
	2012	17	10	17	8	2	0	0
	2013	5	13	9	10	-1	0	0
Ukraine	2010	..	11	75	255	-9	-310	-7
	2011	..	0	0	240	0	-240	-5
	2012	..	0	0	298	0	-298	-7
	2013	..	0	0	*123	0	*-123	*-3
United Kingdom	2010	5,781	7,370	1,487	10,449	-243	1,458	23
	2011	6,411	6,901	1,210	10,879	27	1,196	19
	2012	5,775	7,146	1,320	10,547	15	1,039	16
	2013	4,527	8,094	969	10,418	-89	1,323	21
Oceania	2010	5,405	2,124	80	4,314	-5	3,140	86
	2011	5,559	1,933	36	4,258	35	3,163	85
	2012	5,583	2,074	36	4,069	2	3,549	94
	2013	5,509	2,914	26	4,282	5	4,110	108
Australia	2010	4,328	1,717	80	3,204	1	2,760	125
	2011	4,414	1,652	24	3,228	20	2,794	124
	2012	4,413	1,788	20	2,995	-12	3,198	140
	2013	4,484	2,535	26	3,172	25	3,796	163
Cook Islands	2010	..	*2	..	*2	..	0	0
	2011	..	*2	..	*2	..	0	0
	2012	..	*2	..	*2	..	0	0
	2013	..	*2	..	*2	..	0	0
Fiji	2010	..	257	0	*256	..	0	1
	2011	..	165	0	*165	..	0	0
	2012	..	167	0	*167	..	0	0
	2013	..	159	0	*159	..	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
French Polynesia	2010	..	*18	..	*14	..	*4	*15
	2011	..	*18	..	*14	..	*4	*15
	2012	..	*18	..	*14	..	*4	*15
	2013	..	*18	..	*14	..	*4	*14
Kiribati	2010	..	*4	..	*4	..	0	0
	2011	..	*4	..	*4	..	0	0
	2012	..	4	..	*4	..	0	0
	2013	..	*4	..	*4	..	0	0
Micronesia(Fed. States of)	2010	..	3	..	*1	..	3	28
	2011	..	*4	..	*1	..	*3	*32
	2012	..	*4	..	*1	..	*3	*32
	2013	..	*4	..	*1	..	*3	*32
Nauru	2010	..	1	..	*1	..	0	0
	2011	..	*1	..	*1	..	0	0
	2012	..	*1	..	*1	..	0	0
	2013	..	*1	..	*1	..	0	0
New Caledonia	2010	..	*31	..	*26	0	*5	*21
	2011	..	*30	..	*25	0	*5	*21
	2012	..	*30	..	*25	0	*5	*21
	2013	..	29	..	26	-2	5	18
New Zealand	2010	990	59	0	732	-7	324	74
	2011	1,048	24	12	739	14	307	70
	2012	1,051	26	0	775	16	286	64
	2013	959	81	0	816	-18	242	54
Niue	2010	..	0	..	0	..	0	*14
	2011	..	0	..	0	..	0	*14
	2012	..	0	..	0	..	0	*14
	2013	..	0	..	0	..	0	*14
Palau	2010	..	*16	..	*16	..	0	0
	2011	..	*17	..	*17	..	0	0
	2012	..	*17	..	*17	..	0	0
	2013	..	*17	..	*17	..	0	0
Papua New Guinea	2010	87	0	0	*43	1	43	6
	2011	97	0	0	*47	1	49	7
	2012	119	0	16	*52	-2	52	7
	2013	66	44	0	*55	0	55	8
Solomon Islands	2010	..	*4	..	*4	..	0	0
	2011	..	*4	..	*4	..	0	0
	2012	..	*5	..	*5	..	0	0
	2013	..	*5	..	*5	..	0	0
Tonga	2010	..	3	..	*3	..	0	1
	2011	..	4	..	*4	..	0	0
	2012	..	4	..	*4	..	0	0
	2013	..	7	..	*2	..	5	49
Vanuatu	2010	..	*6	..	*6	..	0	0
	2011	..	*6	..	*6	..	0	0
	2012	..	*6	..	*6	..	0	0
	2013	..	*6	..	*6	..	0	0
Wallis and Futuna Is.	2010	..	*1	..	1	..	0	0
	2011	..	*1	..	1	..	0	0
	2012	..	*1	..	1	..	0	0
	2013	..	*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.

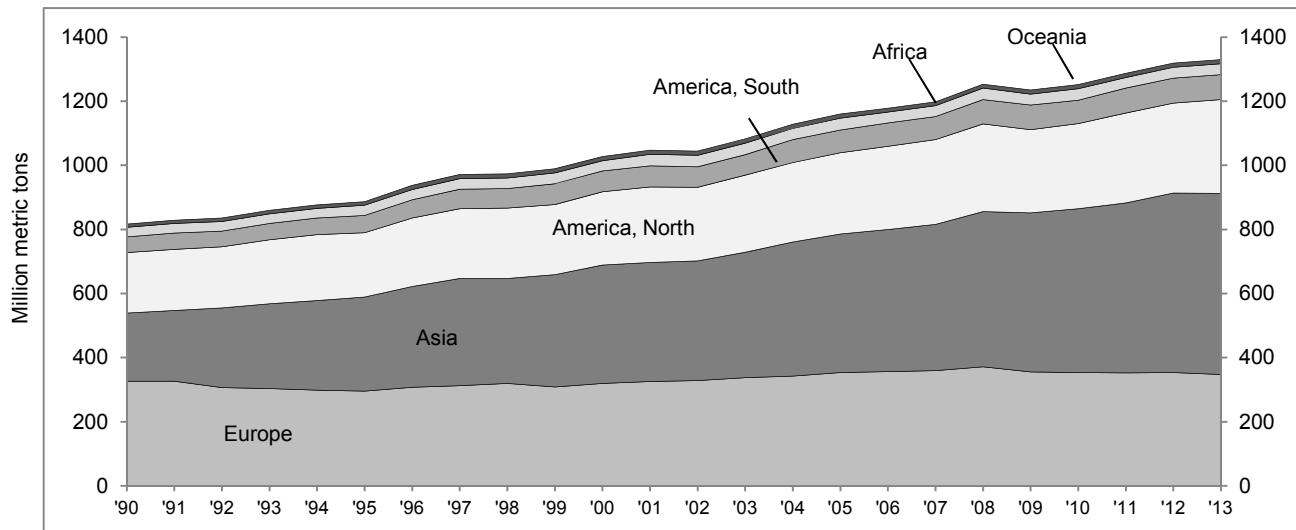
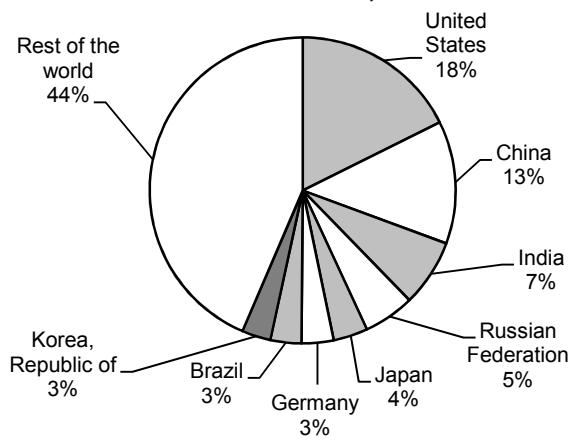
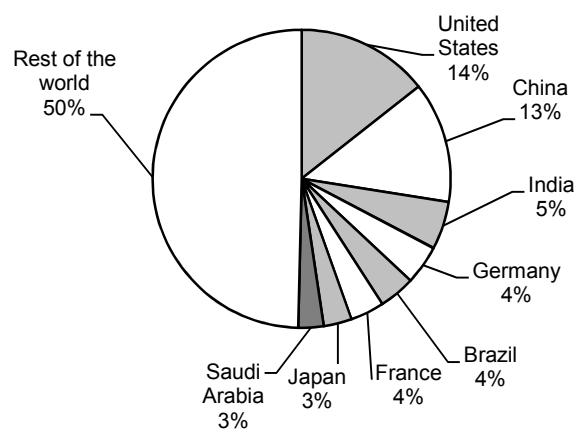
Figure 57: Production of gas oil / diesel oil by region, 1990-2013**Figure 58: Major gas oil / diesel oil producing countries, 2013****Figure 59: Major gas oil / diesel oil consuming countries, 2013**

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	2010	1,251,398	295,093	305,953	28,433	-5,951	1,218,056	176
	2011	1,287,037	313,207	317,618	29,573	-4,219	1,257,272	179
	2012	1,318,351	326,324	338,376	22,450	-6,939	1,290,788	182
	2013	1,329,836	344,761	349,687	21,317	2,045	1,301,547	181
Africa	2010	36,054	25,743	1,678	2,282	-434	58,270	56
	2011	32,401	31,165	1,166	2,275	292	59,834	56
	2012	33,257	34,355	1,528	2,287	691	63,107	57
	2013	33,778	39,090	2,353	2,282	68	68,164	60
Algeria	2010	7,806	380	..	52	-57	8,191	227
	2011	7,573	1,230	..	45	-34	8,792	239
	2012	6,867	2,762	..	53	203	9,373	250
	2013	7,042	2,728	..	64	-113	9,819	257
Angola	2010	500	2,046	4	..	..	2,542	120
	2011	518	2,234	13	..	..	2,739	125
	2012	527	2,862	21	..	..	3,368	148
	2013	564	3,227	25	..	..	3,766	161
Benin	2010	..	541	81	..	3	457	48
	2011	..	559	84	..	3	472	48
	2012	..	589	89	..	3	497	49
	2013	..	622	94	..	3	525	51
Botswana	2010	..	417	..	..	..	417	204
	2011	..	443	..	..	..	443	212
	2012	..	462	..	..	..	462	217
	2013	..	489	..	..	..	489	225
Burkina Faso	2010	..	*289	..	..	..	*289	*18
	2011	..	370	..	..	..	370	23
	2012	..	465	..	..	..	465	28
	2013	..	537	..	..	..	537	31
Burundi	2010	..	27	..	..	0	27	3
	2011	..	31	..	..	1	31	3
	2012	..	30	..	..	-1	31	3
	2013	..	29	..	..	1	28	3
Cabo Verde	2010	..	109	..	29	..	79	162
	2011	..	122	..	38	..	84	169
	2012	..	107	..	30	..	77	154
	2013	..	100	..	32	..	68	134
Cameroon	2010	740	156	254	39	-55	658	32
	2011	770	51	0	41	0	780	37
	2012	805	53	0	43	0	815	38
	2013	850	54	0	45	0	859	39
Central African Rep.	2010	..	*32	..	..	..	*32	*7
	2011	..	*34	..	..	..	*34	*8
	2012	..	*34	..	..	..	*34	*7
	2013	..	*35	..	..	..	*35	*8
Chad	2010	..	*61	..	..	..	*61	*5
	2011	..	*66	..	..	..	*66	*5
	2012	..	*66	..	..	..	*66	*5
	2013	..	*66	..	..	..	*66	*5
Comoros	2010	..	*24	..	..	..	*24	*34
	2011	..	*29	..	..	..	*29	*40
	2012	..	*28	..	..	..	*28	*38
	2013	..	*30	..	..	..	*30	*40

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	2010	223	85	..	..	-14	322	79
	2011	195	138	..	..	-16	349	84
	2012	283	97	..	..	0	380	89
	2013	296	97	..	..	0	393	89
Côte d'Ivoire	2010	983	..	381	..	..	602	30
	2011	712	..	160	..	..	552	27
	2012	1,057	..	252	..	..	805	38
	2013	1,172	..	310	..	..	862	40
Dem. Rep. of the Congo	2010	..	287	..	..	..	287	4
	2011	..	420	..	..	..	420	6
	2012	..	449	..	..	..	449	6
	2013	..	487	..	..	..	487	7
Djibouti	2010	..	56	..	*7	..	49	59
	2011	..	44	..	*8	..	36	42
	2012	..	*60	..	*9	..	*51	*60
	2013	..	*63	..	*10	..	*54	*62
Egypt	2010	8,385	3,252	..	114	..	11,523	140
	2011	7,497	4,442	..	91	..	11,848	141
	2012	7,116	4,902	..	65	..	11,953	140
	2013	5,842	5,622	..	52	..	11,412	130
Equatorial Guinea	2010	..	*145	..	..	..	*145	*199
	2011	..	*145	..	..	..	*145	*193
	2012	..	*145	..	..	..	*145	*187
	2013	..	*145	..	..	..	*145	*182
Eritrea	2010	..	70	..	..	-5	75	16
	2011	..	71	..	..	0	71	15
	2012	..	76	..	..	0	76	16
	2013	..	77	..	..	0	77	15
Ethiopia	2010	..	1,183	..	..	28	1,155	13
	2011	..	1,206	..	..	-26	1,232	14
	2012	..	1,323	..	..	34	1,289	14
	2013	..	1,558	..	..	-9	1,567	17
Gabon	2010	298	172	6	99	..	365	237
	2011	297	184	6	96	..	379	240
	2012	314	194	6	92	..	410	254
	2013	332	206	6	88	..	444	269
Gambia	2010	..	*53	*1	..	..	*52	*31
	2011	..	*52	*1	..	..	*51	*29
	2012	..	*57	*1	..	..	*56	*31
	2013	..	*57	*1	..	..	*56	*30
Ghana	2010	293	872	304	96	0	764	31
	2011	310	1,201	357	81	0	1,073	43
	2012	122	1,309	184	81	0	1,166	46
	2013	113	1,639	0	52	-89	1,789	68
Guinea	2010	..	249	..	..	..	249	23
	2011	..	283	..	..	..	283	25
	2012	..	344	..	..	..	344	30
	2013	..	321	..	..	..	321	27
Guinea-Bissau	2010	..	*38	..	..	..	*38	*23
	2011	..	*39	..	..	..	*39	*23
	2012	..	*40	..	..	..	*40	*24
	2013	..	*42	..	..	..	*42	*24

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
Kenya	2010	347	1,158	12	0	..	1,493	37
	2011	429	1,117	0	3	..	1,543	37
	2012	239	1,288	0	1	..	1,526	36
	2013	155	1,465	0	0	..	1,620	37
Lesotho	2010	..	*115	..	..	..	*115	*57
	2011	..	*100	..	..	..	*100	*49
	2012	..	*103	..	..	..	*103	*50
	2013	..	*108	..	..	..	*108	*52
Liberia	2010	..	124	..	*3	..	121	31
	2011	..	139	..	*4	..	135	33
	2012	..	171	..	*4	..	167	40
	2013	..	128	..	*4	..	123	29
Libya	2010	4,278	942	..	..	..	5,220	833
	2011	1,522	1,738	..	..	..	3,260	518
	2012	2,251	1,661	..	..	..	3,912	623
	2013	2,775	2,149	..	..	..	4,924	786
Madagascar	2010	..	328	..	*2	-11	336	16
	2011	..	364	..	*3	-12	373	17
	2012	..	408	..	*3	12	394	18
	2013	..	390	..	0	0	390	17
Malawi	2010	..	187	..	..	..	187	13
	2011	..	183	..	..	..	183	12
	2012	..	168	..	..	..	168	11
	2013	..	168	..	..	..	168	10
Mali	2010	..	*184	..	..	..	*184	*12
	2011	..	*208	..	..	..	*208	*13
	2012	..	*190	..	..	..	*190	*12
	2013	..	*197	..	..	..	*197	*12
Mauritania	2010	..	428	..	..	..	428	119
	2011	..	427	..	..	..	427	116
	2012	..	477	..	..	..	477	126
	2013	..	*477	..	..	..	*477	*123
Mauritius	2010	..	310	..	113	-14	211	169
	2011	..	310	..	100	2	208	166
	2012	..	314	..	103	0	211	168
	2013	..	336	..	114	18	204	161
Morocco	2010	2,256	2,295	0	*13	8	4,530	139
	2011	2,403	2,226	0	*13	-33	4,649	141
	2012	2,481	2,309	32	*13	131	4,614	138
	2013	2,240	2,788	208	23	-278	5,075	149
Mozambique	2010	..	500	..	..	0	500	21
	2011	..	589	..	..	0	589	24
	2012	..	556	..	..	0	556	22
	2013	..	970	..	..	*200	770	29
Namibia	2010	..	577	..	..	..	577	263
	2011	..	513	..	..	..	513	229
	2012	..	567	..	..	..	567	247
	2013	..	479	..	..	..	479	204
Niger	2010	0	184	0	..	-2	186	11
	2011	36	168	0	..	13	190	11
	2012	328	0	102	..	0	226	13
	2013	481	0	204	..	0	276	15

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
Nigeria	2010	1,027	0	..	130	-278	1,175	7
	2011	1,085	121	..	124	429	653	4
	2012	1,030	0	..	125	368	537	3
	2013	1,064	86	..	115	427	608	4
Réunion	2010	..	392	..	13	4	375	452
	2011	..	399	..	10	-5	395	471
	2012	..	370	..	9	-30	391	464
	2013	..	*359	..	*9	*-29	*380	*447
Rwanda	2010	..	*93	..	..	..	*93	*9
	2011	..	*104	..	..	..	*104	*10
	2012	..	114	..	..	..	114	11
	2013	..	132	..	..	..	132	12
Sao Tome and Principe	2010	..	21	..	..	..	21	121
	2011	..	*22	..	..	..	*22	*123
	2012	..	*24	..	..	..	*24	*132
	2013	..	*24	..	..	..	*24	*129
Senegal	2010	289	418	0	65	-3	645	50
	2011	329	594	77	82	-23	787	59
	2012	412	403	0	69	-12	758	55
	2013	451	403	81	67	-23	729	51
Seychelles	2010	..	184	..	*59	..	125	1,339
	2011	..	153	..	*50	..	103	1,093
	2012	..	198	..	*65	..	133	1,407
	2013	..	165	..	*53	..	112	1,174
Sierra Leone	2010	..	83	..	..	..	83	14
	2011	..	134	..	..	..	134	23
	2012	..	179	..	..	..	179	30
	2013	..	207	..	..	..	207	34
Somalia	2010	..	*111	..	*11	..	*100	*10
	2011	..	*101	..	*6	..	*95	*10
	2012	..	*116	..	*13	..	*103	*10
	2013	..	*116	..	*13	..	*103	*10
South Africa	2010	6,283	2,082	595	1,391	..	6,379	124
	2011	6,418	3,265	468	1,436	..	7,779	149
	2012	6,756	3,250	809	1,468	..	7,729	146
	2013	7,834	4,307	1,409	1,500	..	9,232	173
South Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	..	371	..	..	..	371	34
	2013	..	395	..	..	..	395	34
St. Helena and Depend.	2010	..	3	..	..	..	3	642
	2011	..	3	..	..	..	3	664
	2012	..	3	..	..	..	3	746
	2013	..	3	..	..	..	3	731
Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	1,666	616	32	16	..	2,234	59
	2013	1,594	611	15	15	..	2,175	56
Sudan (former)	2010	1,936	452	0	19	..	2,369	52
	2011	1,752	669	0	21	..	2,400	51
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..

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	2010	..	*108	..	..	..	*108	*91
	2011	..	*110	..	..	..	*110	*91
	2012	..	*112	..	..	..	*112	*91
	2013	..	*114	..	..	..	*114	*91
Togo	2010	..	329	..	15	-10	324	51
	2011	..	308	..	12	-8	304	46
	2012	..	263	..	15	-10	258	38
	2013	..	270	..	16	-11	265	38
Tunisia	2010	83	1,715	..	11	-29	1,816	171
	2011	254	1,390	..	12	1	1,631	152
	2012	661	1,014	..	11	-7	1,671	154
	2013	646	1,013	..	11	-29	1,677	152
Uganda	2010	..	651	..	..	..	651	20
	2011	..	652	..	..	..	652	19
	2012	..	561	..	..	..	561	16
	2013	..	585	..	..	..	585	16
United Rep. of Tanzania	2010	..	820	..	..	..	820	18
	2011	..	883	..	..	..	883	19
	2012	..	1,185	..	..	..	1,185	24
	2013	..	1,398	..	..	..	1,398	28
Zambia	2010	327	0	40	..	..	287	21
	2011	302	74	0	..	..	376	26
	2012	343	114	0	..	..	457	31
	2013	328	128	0	..	..	456	30
Zimbabwe	2010	..	404	..	..	..	404	29
	2011	..	710	..	..	..	710	50
	2012	..	795	..	..	..	795	55
	2013	..	886	..	..	..	886	59
America, North	2010	265,993	25,020	41,414	7,410	-416	242,606	444
	2011	279,944	24,645	51,740	10,351	-1,763	244,260	442
	2012	281,456	23,946	59,601	4,952	-2,352	243,201	436
	2013	292,428	25,269	65,961	3,488	-1,305	249,554	443
Anguilla	2010	..	*36	..	..	..	*36	*2,607
	2011	..	*35	..	..	..	*35	*2,479
	2012	..	*32	..	..	..	*32	*2,271
	2013	..	*31	..	..	..	*31	*2,196
Antigua and Barbuda	2010	..	*64	*1	..	..	*63	*722
	2011	..	*62	*1	..	..	*61	*692
	2012	..	*64	*1	..	..	*63	*707
	2013	..	*64	*1	..	..	*63	*700
Aruba	2010	..	*27	..	..	..	*27	*262
	2011	..	*24	..	..	..	*24	*231
	2012	..	*14	..	..	..	*14	*137
	2013	..	*14	..	..	..	*14	*136
Bahamas	2010	..	596	*35	..	..	562	1,556
	2011	..	412	*32	..	..	380	1,036
	2012	..	431	*41	..	..	390	1,047
	2013	..	757	*44	..	..	713	1,887
Barbados	2010	..	113	..	..	0	113	405
	2011	..	125	..	..	0	125	444
	2012	..	109	..	..	0	109	387
	2013	..	103	..	..	0	103	366

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	2010	..	68	..	..	..	68	212
	2011	..	55	..	..	..	55	167
	2012	..	59	..	..	..	59	176
	2013	..	61	..	..	..	61	178
Bermuda	2010	..	*40	..	..	..	*40	*618
	2011	..	*35	..	..	..	*35	*551
	2012	..	*34	..	..	..	*34	*538
	2013	..	12	..	..	..	12	188
Bonaire, St Eustatius, Saba	2010	..	..	..	..	..	..	..
	2011	..	..	..	*26	..	*39	*1,704
	2012	..	*65	..	*26	..	*40	*1,697
	2013	..	*66	..	*26	..	*38	*1,400
British Virgin Islands	2010	..	*38	..	..	..	*39	*1,394
	2011	..	*39	..	..	..	*39	*1,357
	2012	..	*39	..	..	..	*39	*1,332
	2013	..	*39	..	..	..	*39	*1,332
Canada	2010	31,764	695	6,967	46	121	25,325	742
	2011	31,138	1,677	6,335	28	190	26,262	761
	2012	32,357	726	7,879	20	83	25,101	720
	2013	31,610	1,023	7,876	31	-325	25,051	711
Cayman Islands	2010	..	140	..	..	..	140	2,522
	2011	..	143	..	..	..	143	2,527
	2012	..	133	..	..	..	133	2,312
	2013	..	131	..	..	..	131	2,244
Costa Rica	2010	145	910	50	..	17	987	217
	2011	52	930	17	..	-4	968	210
	2012	0	910	0	..	-2	911	196
	2013	0	930	0	..	-5	935	199
Cuba	2010	1,224	815	..	*30	..	2,009	178
	2011	1,221	702	..	*30	..	1,893	167
	2012	1,319	716	..	*30	..	2,005	177
	2013	*1,238	*716	..	*30	..	*1,924	*169
Curaçao	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	1,886	468	1,872	202	..	280	1,835
	2013	1,712	473	1,699	203	..	283	1,834
Dominica	2010	..	*28	..	..	..	*28	*386
	2011	..	*25	..	..	..	*25	*347
	2012	..	*27	..	..	..	*27	*379
	2013	..	*26	..	..	..	*26	*354
Dominican Republic	2010	393	974	..	..	1	1,367	138
	2011	350	987	..	..	11	1,326	132
	2012	345	1,040	..	..	-5	1,389	137
	2013	373	872	..	..	6	1,238	120
El Salvador	2010	132	482	10	..	-2	606	100
	2011	156	433	9	..	-21	601	99
	2012	111	510	0	..	-40	661	109
	2013	0	585	11	..	-69	644	106
Greenland	2010	..	267	..	69	16	182	3,221
	2011	..	244	..	71	-19	192	3,399
	2012	..	205	..	54	1	150	2,670
	2013	..	181	..	*30	0	152	2,696

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	2010	..	53	..	..	0	53	510
	2011	..	52	..	..	0	52	493
	2012	..	53	..	..	-6	59	555
	2013	..	70	..	..	0	70	659
Guadeloupe	2010	..	*269	..	..	..	*269	*589
	2011	..	*272	..	..	..	*272	*593
	2012	..	*272	..	..	..	*272	*590
	2013	..	*272	..	..	..	*272	*587
Guatemala	2010	23	1,208	29	280	-61	983	67
	2011	32	1,236	23	292	13	940	62
	2012	31	1,280	2	301	24	984	64
	2013	31	1,350	36	322	-49	1,073	68
Haiti	2010	..	449	..	..	..	449	45
	2011	..	447	..	..	..	447	44
	2012	..	457	..	..	..	457	44
	2013	..	463	..	..	..	463	44
Honduras	2010	..	681	..	..	0	681	91
	2011	..	690	..	..	-32	722	95
	2012	..	756	..	..	0	756	98
	2013	..	773	..	..	0	773	98
Jamaica	2010	197	335	..	73	-11	470	171
	2011	216	356	..	64	14	494	180
	2012	225	296	..	63	-11	469	170
	2013	193	288	..	44	23	415	150
Martinique	2010	*198	*37	*31	*31	..	*173	*438
	2011	*209	*37	*31	*34	..	*181	*460
	2012	*213	*37	*31	*34	..	*184	*466
	2013	*213	*36	*29	*34	..	*185	*467
Mexico	2010	17,782	5,912	68	699	188	22,739	192
	2011	17,768	6,693	236	815	152	23,258	193
	2012	18,853	6,570	130	816	-47	24,524	201
	2013	20,906	5,284	456	702	-196	25,228	204
Montserrat	2010	..	12	..	*1	..	11	2,180
	2011	..	8	..	*1	..	7	1,402
	2012	..	8	..	*1	..	7	1,471
	2013	..	11	..	*1	..	10	2,054
Neth. Antilles (former)	2010	924	681	918	286	..	401	1,931
	2011	1,810	689	1,797	289	..	413	1,937
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Nicaragua	2010	217	184	8	..	-23	416	73
	2011	233	236	1	..	5	463	80
	2012	156	293	0	..	6	443	75
	2013	209	276	1	..	20	464	78
Panama	2010	..	1,003	..	135	-73	941	260
	2011	..	1,071	..	153	-238	1,156	314
	2012	..	1,079	..	*150	-94	1,023	273
	2013	..	1,090	..	0	-165	1,255	330
Sint Maarten (Dutch part)	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	..	*153	..	*61	..	*93	*2,644
	2013	..	*157	..	*62	..	*95	*2,601

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. Kitts-Nevis	2010	..	*62	..	..	..	*62	*1,177
	2011	..	*64	..	..	..	*64	*1,206
	2012	..	*66	..	..	..	*66	*1,225
	2013	..	*66	..	..	..	*66	*1,221
St. Lucia	2010	..	77	..	..	..	77	432
	2011	..	78	..	..	..	78	435
	2012	..	77	..	..	..	77	427
	2013	..	77	..	..	..	77	422
St. Pierre-Miquelon	2010	..	*25	..	*6	..	*19	*3,028
	2011	..	*25	..	*6	..	*19	*3,060
	2012	..	*25	..	*6	..	*19	*2,996
	2013	..	*26	..	*6	..	*20	*3,108
St. Vincent-Grenadines	2010	..	45	..	..	..	45	415
	2011	..	38	..	..	..	38	351
	2012	..	55	..	..	..	55	504
	2013	..	44	..	..	..	44	399
Trinidad and Tobago	2010	1,442	..	695	181	-59	625	471
	2011	1,381	..	750	196	-146	581	435
	2012	921	..	379	126	-110	526	392
	2013	1,269	..	517	173	0	579	429
Turks and Caicos Islands	2010	..	*62	..	..	..	*62	*1,988
	2011	..	*62	..	..	..	*62	*1,945
	2012	..	*65	..	..	..	*65	*2,004
	2013	..	*65	..	..	..	*65	*1,964
United States	2010	211,552	8,633	32,602	5,573	-531	182,541	589
	2011	225,377	6,664	42,508	8,372	-1,689	182,850	585
	2012	225,040	6,822	49,265	3,063	-2,151	181,685	577
	2013	234,674	8,838	55,291	1,824	-544	186,941	589
America, South	2010	72,801	23,364	4,943	1,700	-420	89,942	227
	2011	78,536	23,475	8,273	1,147	-46	92,637	231
	2012	77,669	25,533	3,775	932	171	98,325	242
	2013	77,647	30,106	2,090	1,503	1,708	102,451	250
Argentina	2010	10,147	1,288	0	198	144	11,093	269
	2011	10,024	1,752	0	189	-39	11,626	279
	2012	9,931	1,185	65	177	-50	10,924	260
	2013	8,803	3,652	92	179	-10	12,194	287
Bolivia (Plur. State of)	2010	542	589	..	..	-10	1,141	115
	2011	574	658	..	..	5	1,227	122
	2012	616	754	..	..	1	1,369	134
	2013	697	777	..	..	-1	1,475	142
Brazil	2010	36,004	7,827	597	746	-8	42,496	214
	2011	37,383	8,111	528	437	237	44,292	221
	2012	39,881	8,446	287	401	-328	47,967	237
	2013	43,267	8,712	327	568	133	50,951	249
Chile	2010	2,920	4,550	331	19	47	7,073	416
	2011	3,168	4,464	273	17	-51	7,393	430
	2012	2,863	4,815	401	9	102	7,166	412
	2013	3,076	4,971	428	8	55	7,556	430
Colombia	2010	3,501	2,397	780	430	10	4,678	102
	2011	4,867	2,380	805	*308	11	6,123	132
	2012	4,806	2,615	709	*156	2	6,554	140
	2013	4,578	3,162	686	588	193	6,273	133

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
Ecuador	2010	1,636	2,608	..	..	-75	4,319	289
	2011	1,885	2,023	..	..	-259	4,167	275
	2012	1,768	2,282	..	..	-189	4,239	275
	2013	1,584	2,794	..	..	-279	4,657	297
Falkland Is. (Malvinas)	2010	..	*9	..	..	..	*9	*3,151
	2011	..	*9	..	..	..	*9	*2,977
	2012	..	*9	..	..	..	*9	*3,004
	2013	..	*9	..	..	..	*9	*2,989
French Guiana	2010	..	*137	..	..	..	*137	*586
	2011	..	*140	..	..	..	*140	*583
	2012	..	*138	..	..	..	*138	*558
	2013	..	*144	..	..	..	*144	*566
Guyana	2010	..	221	..	..	-4	225	299
	2011	..	262	..	..	-8	270	357
	2012	..	288	..	..	-14	302	398
	2013	..	270	..	..	-3	272	358
Paraguay	2010	..	1,025	..	..	-56	1,081	174
	2011	..	1,041	..	..	-71	1,112	177
	2012	..	1,130	..	..	108	1,022	160
	2013	..	1,021	..	..	-97	1,118	173
Peru	2010	4,701	1,402	0	133	2	5,968	203
	2011	4,631	1,572	75	0	82	6,046	203
	2012	4,465	1,628	21	0	38	6,034	200
	2013	4,268	2,330	52	0	436	6,110	200
Suriname	2010	56	227	34	..	0	250	482
	2011	55	182	40	..	0	197	376
	2012	53	240	21	..	0	271	513
	2013	58	226	79	..	0	205	384
Uruguay	2010	716	321	..	111	-4	930	275
	2011	450	881	..	119	46	1,166	344
	2012	759	667	..	126	41	1,260	371
	2013	848	319	..	108	1	1,057	310
Venezuela (Bolivar. Rep.)	2010	12,577	763	3,201	63	-466	10,542	364
	2011	15,499	0	6,552	77	0	8,870	301
	2012	12,527	1,337	2,271	63	460	11,070	371
	2013	10,468	1,720	426	52	1,279	10,431	345
Asia	2010	511,331	84,818	121,520	8,422	-3,661	469,867	113
	2011	530,783	94,774	116,200	7,286	-1,541	503,613	119
	2012	560,140	100,303	121,678	5,672	-4,148	537,240	126
	2013	565,310	102,089	129,593	5,441	456	531,910	124
Afghanistan	2010	..	748	..	..	..	748	27
	2011	..	801	..	..	..	801	28
	2012	..	873	..	..	..	873	29
	2013	..	*873	..	..	..	*873	*28
Armenia	2010	..	131	0	..	..	131	44
	2011	..	135	0	..	..	135	46
	2012	..	149	0	..	..	149	50
	2013	..	138	0	..	..	138	46
Azerbaijan	2010	2,488	0	1,569	73	-22	868	95
	2011	2,483	0	1,359	78	6	1,040	113
	2012	2,369	3	1,139	86	11	1,136	121
	2013	2,495	2	1,085	80	3	1,329	140

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
Bahrain	2010	4,275	..	3,955	..	-36	356	282
	2011	3,806	..	3,527	..	-43	322	247
	2012	4,092	..	3,689	..	85	318	238
	2013	3,783	..	3,478	..	..	305	226
Bangladesh	2010	415	2,187	..	..	34	2,568	17
	2011	417	2,956	..	..	134	3,239	21
	2012	410	2,619	..	..	-211	3,240	21
	2013	456	2,609	..	..	100	2,965	19
Bhutan	2010	..	72	..	..	..	72	100
	2011	..	87	..	..	..	87	119
	2012	..	102	..	..	..	102	137
	2013	..	*110	..	..	..	*110	*146
Brunei Darussalam	2010	169	83	0	..	-3	255	648
	2011	164	145	14	..	-1	296	741
	2012	114	197	5	..	-4	310	764
	2013	138	154	5	..	7	280	680
Cambodia	2010	..	762	..	..	..	762	53
	2011	..	815	..	..	..	815	56
	2012	..	898	..	..	..	898	61
	2013	..	918	..	..	..	918	61
China	2010	149,244	1,902	4,640	364	-775	146,917	110
	2011	156,897	2,433	2,012	383	780	156,156	116
	2012	170,638	999	1,854	292	-89	169,580	125
	2013	172,757	353	2,782	247	-894	170,975	125
China, Hong Kong SAR	2010	..	5,278	64	3,265	-39	1,988	284
	2011	..	4,279	77	2,413	-100	1,889	268
	2012	..	3,557	112	1,364	172	1,909	269
	2013	..	3,429	209	1,309	22	1,889	264
China, Macao SAR	2010	..	123	..	..	-4	127	238
	2011	..	134	..	..	1	133	243
	2012	..	149	..	..	1	148	265
	2013	..	170	..	..	9	161	283
Cyprus	2010	..	680	..	53	34	593	537
	2011	..	620	..	58	-7	569	510
	2012	..	704	..	69	2	633	561
	2013	..	673	..	83	14	576	505
Georgia	2010	..	380	0	..	0	380	89
	2011	..	428	2	..	-9	435	104
	2012	..	412	2	..	0	410	99
	2013	..	479	0	..	14	465	114
India	2010	78,631	2,073	20,433	0	-800	61,071	50
	2011	82,864	1,059	20,491	0	-869	64,301	52
	2012	91,085	626	22,464	0	-458	69,705	55
	2013	94,165	84	26,499	9	-17	67,758	53
Indonesia	2010	13,338	8,497	611	103	..	21,121	87
	2011	15,842	11,954	15	84	..	27,697	113
	2012	16,774	14,200	12	89	..	30,873	124
	2013	19,532	10,349	1	160	..	29,720	118
Iran (Islamic Rep. of)	2010	33,197	1,551	167	91	..	34,490	464
	2011	34,557	0	735	124	..	33,698	448
	2012	34,256	44	641	176	..	33,483	440
	2013	31,032	213	225	144	..	30,876	400

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
Iraq	2010	5,213	170	..	..	..	5,383	174
	2011	6,365	5,518	..	..	..	11,883	373
	2012	6,260	8,135	..	..	..	14,395	437
	2013	6,478	9,072	..	..	..	15,550	456
Israel	2010	3,775	314	1,142	31	0	2,916	393
	2011	3,562	758	1,628	50	-50	2,692	356
	2012	3,915	1,934	1,199	64	93	4,493	584
	2013	4,915	1,934	3,702	37	0	3,110	398
Japan	2010	49,971	523	9,928	78	-62	40,550	318
	2011	46,080	817	6,644	67	46	40,140	315
	2012	45,381	570	5,993	77	295	39,586	311
	2013	48,557	263	8,975	270	-285	39,860	314
Jordan	2010	908	673	..	7	24	1,550	238
	2011	1,034	1,366	..	6	-55	2,449	362
	2012	1,114	2,097	..	6	62	3,143	449
	2013	972	1,657	..	3	-80	2,707	375
Kazakhstan	2010	4,613	416	1,917	0	181	2,931	180
	2011	4,774	242	954	19	-118	4,161	251
	2012	4,890	495	1,796	0	34	3,555	211
	2013	5,299	617	1,766	0	31	4,119	241
Korea, Dem.Ppl's.Rep.	2010	189	42	..	..	..	231	9
	2011	188	46	..	..	..	234	10
	2012	188	41	..	..	..	229	9
	2013	191	41	..	..	..	232	9
Korea, Republic of	2010	36,770	307	17,523	919	45	18,590	379
	2011	39,914	349	21,337	863	85	17,978	364
	2012	42,206	899	23,648	815	-309	18,951	382
	2013	40,587	1,395	21,898	823	650	18,611	373
Kuwait	2010	10,807	..	7,038	49	..	3,720	1,216
	2011	10,872	..	7,037	95	..	3,740	1,155
	2012	11,563	..	7,485	100	..	3,978	1,163
	2013	10,532	..	6,985	103	..	3,444	958
Kyrgyzstan	2010	38	307	23	..	5	317	58
	2011	28	422	17	..	-12	445	80
	2012	31	566	6	..	45	546	97
	2013	27	615	11	..	-52	683	119
Lao People's Dem. Rep.	2010	..	*22	..	..	..	*22	*4
	2011	..	*24	..	..	..	*24	*4
	2012	..	*24	..	..	..	*24	*4
	2013	..	*25	..	..	..	*25	*4
Lebanon	2010	..	2,252	..	..	..	2,252	519
	2011	..	2,448	..	..	..	2,448	533
	2012	..	3,269	..	..	..	3,269	664
	2013	..	3,076	..	..	..	3,076	582
Malaysia	2010	8,599	3,186	2,456	33	*80	9,216	328
	2011	8,788	3,708	4,381	14	-1,518	9,619	337
	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
Maldives	2010	..	287	..	*33	..	254	763
	2011	..	304	..	*35	..	269	794
	2012	..	338	..	*39	..	298	865
	2013	..	308	..	*35	..	273	778

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
Mongolia	2010	..	499	..	..	..	499	184
	2011	..	637	..	..	..	637	231
	2012	..	*692	..	..	..	*692	*246
	2013	..	774	..	..	..	774	271
Myanmar	2010	238	1,455	..	2	50	1,642	32
	2011	195	1,253	..	1	-122	1,570	30
	2012	165	1,017	..	2	3	1,177	22
	2013	150	1,224	..	3	28	1,343	25
Nepal	2010	..	653	..	..	..	653	24
	2011	..	654	..	..	..	654	24
	2012	..	721	..	..	..	721	26
	2013	..	764	..	..	..	764	27
Oman	2010	1,490	82	76	..	..	1,496	508
	2011	2,147	0	244	..	..	1,903	593
	2012	2,074	188	179	..	..	2,083	588
	2013	1,891	477	137	..	..	2,231	571
Other Asia	2010	11,651	0	8,601	148	-115	3,017	130
	2011	12,458	0	7,646	137	63	4,612	198
	2012	13,904	0	9,306	123	123	4,352	187
	2013	14,162	37	9,818	118	-69	4,332	186
Pakistan	2010	3,288	3,778	120	30	-25	6,940	41
	2011	3,252	3,263	26	9	93	6,387	37
	2012	*3,902	*2,957	0	*9	*-6	*6,856	*39
	2013	4,031	3,132	0	9	0	7,154	39
Philippines	2010	3,175	3,094	18	35	49	6,167	66
	2011	3,486	2,541	36	25	-177	6,143	65
	2012	3,130	3,450	51	17	101	6,410	67
	2013	2,951	3,633	0	22	-125	6,686	69
Qatar	2010	2,878	530	2,134	..	-13	1,287	729
	2011	2,616	89	2,090	..	0	615	323
	2012	2,205	0	3,326	..	-278	-843	-418
	2013	2,190	125	3,513	..	2	-1,200	-571
Saudi Arabia	2010	30,993	4,029	5,832	..	-1,090	30,280	1,078
	2011	30,750	5,895	2,622	..	2,169	31,854	1,106
	2012	31,383	8,188	4,637	..	355	34,579	1,172
	2013	29,460	12,052	5,543	..	269	35,700	1,182
Singapore	2010	12,903	16,851	26,422	1,605	1	1,726	340
	2011	13,606	17,137	27,360	1,576	-492	2,298	443
	2012	14,245	14,200	23,189	1,456	-616	4,417	833
	2013	12,220	12,590	21,388	1,185	278	1,959	362
Sri Lanka	2010	442	1,199	..	55	-170	1,756	87
	2011	501	1,402	..	65	-56	1,894	93
	2012	394	1,652	..	54	56	1,936	95
	2013	390	1,199	..	0	-186	1,774	86
State of Palestine	2010	..	414	..	..	..	414	102
	2011	..	469	..	..	..	469	112
	2012	..	445	..	..	..	445	103
	2013	..	484	..	..	..	484	110
Syrian Arab Republic	2010	3,698	2,071	11	994	221	4,543	219
	2011	3,624	1,587	0	861	0	4,350	212
	2012	2,572	1,305	0	448	0	3,429	172
	2013	1,701	1,780	0	412	0	3,069	159

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
Tajikistan	2010	3	193	..	..	..	196	26
	2011	3	143	..	..	..	146	19
	2012	3	122	..	..	..	125	16
	2013	*3	*125	..	..	..	*128	*16
Thailand	2010	19,417	52	4,595	..	-529	15,403	231
	2011	19,208	48	3,920	..	*-626	15,962	239
	2012	20,836	13	4,463	..	*-670	17,056	254
	2013	21,955	169	4,193	..	-51	17,982	267
Timor-Leste	2010	..	*60	..	..	..	*60	*57
	2011	..	*62	..	..	..	*62	*58
	2012	..	*75	..	..	..	*75	*68
	2013	..	*120	..	..	..	*120	*106
Turkey	2010	5,324	9,682	344	233	-22	14,451	200
	2011	7,056	10,154	124	87	-38	17,037	232
	2012	7,874	11,094	227	153	93	18,495	247
	2013	7,690	12,011	91	126	-28	19,512	256
Turkmenistan	2010	2,790	..	1,070	..	..	1,720	341
	2011	2,520	..	770	..	..	1,750	343
	2012	2,470	..	320	..	..	2,150	416
	2013	2,540	..	560	..	..	1,980	378
United Arab Emirates	2010	5,508	800	678	*146	..	5,484	658
	2011	6,205	826	988	*171	..	5,872	672
	2012	5,478	691	571	*164	..	5,434	607
	2013	6,029	1,308	*768	*192	..	6,377	705
Uzbekistan	2010	1,125	..	153	..	..	972	35
	2011	1,058	..	144	..	..	914	32
	2012	1,021	..	139	..	..	882	31
	2013	1,082	..	147	..	..	935	32
Viet Nam	2010	2,671	4,940	0	..	-680	8,291	94
	2011	2,701	5,311	0	..	-625	8,637	97
	2012	2,977	4,565	0	..	-1,555	9,097	101
	2013	3,195	3,157	578	..	-21	5,795	63
Yemen	2010	1,096	1,471	..	76	..	2,491	106
	2011	762	1,455	..	65	..	2,152	89
	2012	343	1,580	..	67	..	1,856	75
	2013	862	2,345	..	70	..	3,137	123
Europe	2010	353,035	127,212	136,234	8,436	-982	336,559	458
	2011	352,103	129,992	140,136	8,355	-1,262	334,865	455
	2012	352,797	131,506	151,684	8,447	-1,362	325,534	442
	2013	347,197	135,779	149,613	8,475	1,011	323,877	439
Albania	2010	22	650	..	0	0	672	232
	2011	85	630	..	0	0	715	248
	2012	20	668	..	0	0	688	239
	2013	0	935	..	20	171	745	258
Andorra	2010	..	145	..	..	..	145	1,713
	2011	..	136	..	..	..	136	1,655
	2012	..	*136	..	..	..	*136	*1,717
	2013	..	*136	..	..	..	*136	*1,795
Austria	2010	3,502	5,003	872	17	-58	7,674	914
	2011	4,105	4,261	899	16	118	7,333	871
	2012	4,051	4,404	1,012	16	17	7,410	876
	2013	4,071	4,657	954	18	-27	7,783	917

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
Belarus	2010	5,956	1,093	3,449	..	-55	3,655	385
	2011	7,440	3,293	5,750	..	-215	5,198	548
	2012	7,539	3,218	7,576	..	2	3,179	335
	2013	7,687	19	4,356	..	-2	3,352	353
Belgium	2010	12,849	7,410	6,594	492	159	13,014	1,191
	2011	11,806	8,255	7,863	433	402	11,363	1,033
	2012	12,892	7,884	9,579	500	-90	10,787	974
	2013	11,439	12,047	11,011	505	438	11,532	1,034
Bosnia and Herzegovina	2010	411	475	32	..	0	854	223
	2011	503	491	103	..	0	891	232
	2012	434	478	56	..	0	856	224
	2013	440	504	38	..	11	895	234
Bulgaria	2010	1,938	694	693	52	150	1,737	234
	2011	1,992	715	652	47	22	1,986	270
	2012	2,205	663	965	45	-101	1,959	268
	2013	2,087	859	1,039	60	144	1,703	235
Croatia	2010	1,307	768	374	1	-26	1,726	400
	2011	1,131	945	378	1	17	1,680	391
	2012	1,287	694	388	0	4	1,589	371
	2013	1,242	787	444	0	-17	1,602	375
Czech Republic	2010	3,460	1,249	715	..	-77	4,071	387
	2011	3,256	1,646	651	..	75	4,176	396
	2012	3,355	1,488	759	..	-40	4,124	391
	2013	3,127	1,710	690	..	-19	4,166	395
Denmark	2010	3,029	2,219	1,011	269	6	3,962	714
	2011	2,858	2,276	1,246	244	-210	3,854	691
	2012	3,411	1,968	1,480	244	-36	3,691	659
	2013	3,198	2,418	1,672	263	163	3,518	626
Estonia	2010	..	545	0	21	-24	548	411
	2011	..	597	0	24	-8	581	437
	2012	..	713	13	86	4	610	461
	2013	..	713	17	40	50	606	459
Faeroe Islands	2010	..	*135	..	4	..	*131	*2,703
	2011	..	*125	..	7	..	*118	*2,425
	2012	..	*133	..	8	..	*125	*2,584
	2013	..	*128	..	7	..	*121	*2,514
Finland	2010	6,437	1,829	2,912	63	-541	5,832	1,087
	2011	6,611	2,443	2,839	61	86	6,068	1,125
	2012	6,502	2,360	3,123	42	-110	5,807	1,070
	2013	6,689	3,094	4,005	47	538	5,193	952
France	2010	31,244	19,319	3,518	116	-74	47,003	746
	2011	31,788	20,397	3,930	100	695	47,460	750
	2012	27,514	23,462	2,781	91	-169	48,273	759
	2013	27,030	23,160	1,976	73	180	47,961	751
Germany	2010	45,613	15,684	6,820	523	188	53,766	668
	2011	44,809	13,657	6,488	490	-342	51,830	644
	2012	46,015	13,591	6,364	433	-580	53,389	663
	2013	45,093	17,792	7,076	427	-82	55,464	688
Gibraltar	2010	..	552	..	471	..	81	2,636
	2011	..	547	..	469	..	78	2,511
	2012	..	553	..	473	..	80	2,548
	2013	..	518	..	433	..	85	2,680

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
Greece	2010	6,932	2,505	2,997	344	84	6,012	538
	2011	5,776	2,892	3,075	306	-328	5,615	503
	2012	7,834	1,391	4,740	264	-223	4,444	400
	2013	8,242	1,338	5,706	281	156	3,437	311
Hungary	2010	4,007	1,603	1,285	..	8	4,317	431
	2011	3,711	1,297	1,277	..	-18	3,749	375
	2012	3,685	1,195	1,438	..	-17	3,459	347
	2013	3,599	1,248	1,384	..	-17	3,480	351
Iceland	2010	0	292	..	30	-24	286	899
	2011	0	300	..	31	2	267	832
	2012	0	279	..	32	-1	248	767
	2013	2	273	..	12	17	246	756
Ireland	2010	1,138	2,217	372	80	-177	3,080	667
	2011	1,124	2,165	185	72	91	2,941	632
	2012	1,310	2,211	309	72	99	3,041	651
	2013	1,144	2,121	0	113	-68	3,220	689
Italy	2010	38,132	2,426	10,625	237	-252	29,948	502
	2011	37,087	2,577	9,341	216	336	29,771	499
	2012	36,528	2,102	10,746	147	-209	27,946	468
	2013	32,691	3,038	8,484	126	103	27,016	452
Latvia	2010	..	1,056	121	69	-51	917	439
	2011	..	1,063	161	75	-3	830	402
	2012	..	1,177	211	87	51	828	406
	2013	..	1,445	503	80	10	852	423
Lithuania	2010	2,908	203	2,698	18	-1	396	127
	2011	3,107	381	2,981	20	-2	489	159
	2012	3,025	461	2,986	20	-42	522	173
	2013	3,086	744	3,401	13	47	369	125
Luxembourg	2010	..	2,031	2	..	-18	2,047	4,030
	2011	..	2,121	1	..	-6	2,126	4,089
	2012	..	2,081	0	..	14	2,067	3,882
	2013	..	2,076	2	..	11	2,063	3,786
Malta	2010	..	467	16	266	-10	195	473
	2011	..	422	3	231	8	180	435
	2012	..	418	7	229	-4	186	448
	2013	..	453	64	191	20	178	427
Montenegro	2010	..	174	0	..	..	174	280
	2011	..	167	0	..	..	167	268
	2012	..	170	0	..	..	170	272
	2013	..	171	1	..	..	170	272
Netherlands	2010	21,363	18,853	31,145	1,537	19	7,515	452
	2011	20,669	18,330	30,892	1,533	-995	7,569	454
	2012	20,492	18,844	29,877	1,567	366	7,526	449
	2013	20,325	19,078	30,205	1,307	-94	7,985	475
Norway	2010	5,842	1,135	1,925	188	-162	5,026	1,028
	2011	6,643	1,206	2,989	187	238	4,435	895
	2012	6,298	1,471	2,524	148	88	5,009	998
	2013	6,865	1,287	2,658	175	25	5,294	1,041
Poland	2010	10,918	2,116	24	54	62	12,894	334
	2011	11,513	1,946	112	67	-82	13,362	346
	2012	11,982	1,422	337	66	40	12,961	336
	2013	11,677	943	608	76	-50	11,986	310

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
Portugal	2010	4,282	1,185	35	50	-115	5,497	519
	2011	3,919	1,349	120	53	-41	5,136	486
	2012	4,181	890	350	49	34	4,638	441
	2013	5,701	578	1,693	59	0	4,527	433
Republic of Moldova	2010	4	400	0	..	-15	419	103
	2011	4	445	0	..	3	446	109
	2012	3	398	1	..	-3	403	99
	2013	1	455	6	..	7	443	109
Romania	2010	3,835	1,265	817	11	163	4,109	202
	2011	3,743	1,269	722	9	-231	4,512	224
	2012	3,806	1,546	709	14	2	4,627	232
	2013	4,209	1,117	865	41	-8	4,428	224
Russian Federation	2010	69,975	516	41,639	897	385	27,570	193
	2011	70,293	795	39,526	1,148	246	30,168	211
	2012	69,436	252	41,144	1,277	110	27,157	190
	2013	71,599	174	42,424	1,388	244	27,717	193
Serbia	2010	901	606	38	0	-7	1,476	163
	2011	776	791	3	0	35	1,529	169
	2012	691	712	5	3	-45	1,440	160
	2013	1,122	397	29	9	-13	1,494	167
Slovakia	2010	2,841	660	1,896	..	-6	1,611	298
	2011	3,209	608	2,204	..	9	1,604	296
	2012	2,863	586	1,899	..	-4	1,554	287
	2013	3,041	645	2,126	..	-1	1,561	288
Slovenia	2010	19	2,201	510	..	-25	1,735	845
	2011	0	2,274	544	..	-11	1,741	846
	2012	1	2,476	648	..	85	1,744	845
	2013	2	2,394	806	..	-88	1,678	813
Spain	2010	24,244	10,801	1,148	1,475	242	32,180	691
	2011	25,312	8,541	2,373	1,314	-602	30,768	659
	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
Sweden	2010	7,756	2,138	4,589	179	-435	5,561	593
	2011	7,335	2,198	3,939	203	-522	5,913	625
	2012	8,340	2,080	5,099	237	-66	5,150	540
	2013	6,811	2,165	3,577	241	-218	5,376	559
Switzerland	2010	2,269	3,510	21	10	-38	5,786	735
	2011	2,209	3,301	38	8	-106	5,570	700
	2012	1,703	4,241	56	8	89	5,791	719
	2013	2,592	3,970	66	6	-67	6,557	804
T.F.Yug.Rep. Macedonia	2010	364	196	165	..	-1	396	192
	2011	278	335	184	..	11	417	202
	2012	74	502	154	..	3	419	202
	2013	28	516	100	..	-9	452	218
Ukraine	2010	3,781	2,472	697	..	-78	5,634	123
	2011	2,713	3,757	873	..	44	5,553	122
	2012	1,411	4,765	509	..	-59	5,726	126
	2013	1,120	4,284	78	..	148	5,178	115
United Kingdom	2010	25,757	8,414	6,479	962	-178	26,908	429
	2011	26,298	9,048	7,794	990	22	26,540	420
	2012	25,270	10,727	7,647	1,123	-120	27,347	430
	2013	23,629	10,733	6,149	1,248	-266	27,231	426

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
Oceania	2010	12,185	8,936	164	183	-38	20,812	572
	2011	13,270	9,156	103	159	101	22,063	596
	2012	13,031	10,683	111	161	60	23,382	622
	2013	13,476	12,428	77	127	107	25,592	670
Australia	2010	9,871	7,271	158	68	14	16,902	763
	2011	10,890	7,403	99	42	51	18,101	803
	2012	10,429	9,396	109	72	77	19,567	854
	2013	10,899	10,434	77	37	98	21,121	908
Cook Islands	2010	..	*18	..	..	..	*18	*887
	2011	..	*18	..	..	..	*18	*882
	2012	..	*18	..	..	..	*18	*877
	2013	..	*18	..	..	..	*18	*873
Fiji	2010	..	81	0	..	..	81	94
	2011	..	81	0	..	..	81	93
	2012	..	81	0	..	..	81	93
	2013	..	81	0	..	..	81	92
French Polynesia	2010	..	148	..	*42	..	106	395
	2011	..	137	..	*39	..	98	363
	2012	..	131	..	*37	..	94	342
	2013	..	134	..	*38	..	96	347
Kiribati	2010	..	*13	..	..	..	*13	*127
	2011	..	*13	..	..	..	*13	*121
	2012	..	*13	..	..	..	*13	*120
	2013	..	*13	..	..	..	*13	*120
Marshall Islands	2010	..	*34	..	..	..	*34	*645
	2011	..	*34	..	..	..	*34	*644
	2012	..	*34	..	..	..	*34	*643
	2013	..	*34	..	..	..	*34	*641
Micronesia(Fed. States of)	2010	..	23	..	..	..	23	219
	2011	..	*24	..	..	..	*24	*232
	2012	..	*26	..	..	..	*26	*251
	2013	..	*27	..	..	..	*27	*260
Nauru	2010	..	8	..	..	0	8	773
	2011	..	*8	..	..	0	*8	*788
	2012	..	*8	..	..	0	*8	*801
	2013	..	*8	..	..	0	*8	*820
New Caledonia	2010	..	199	*6	*7	*-15	201	816
	2011	..	209	*4	*7	*-19	217	870
	2012	..	214	*2	*6	*-11	216	853
	2013	..	302	0	6	2	294	1,147
New Zealand	2010	1,912	570	..	39	-49	2,492	570
	2011	1,925	694	..	45	83	2,491	566
	2012	2,140	466	..	45	-14	2,575	580
	2013	2,052	653	..	46	7	2,652	594
Niue	2010	..	*2	..	..	..	*2	*1,110
	2011	..	*2	..	..	..	*2	*1,114
	2012	..	*2	..	..	..	*2	*1,116
	2013	..	*2	..	..	..	*2	*1,118
Palau	2010	..	*12	..	..	..	*12	*606
	2011	..	*13	..	..	..	*13	*631
	2012	..	*13	..	..	..	*13	*626
	2013	..	*13	..	..	..	*13	*621

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
Papua New Guinea	2010	402	415	..	*26	12	779	114
	2011	455	373	..	*26	-14	816	117
	2012	462	148	..	0	8	603	84
	2013	525	588	..	0	0	1,113	152
Samoa	2010	..	*38	..	..	1	*37	*201
	2011	..	39	..	..	-1	40	214
	2012	..	*42	..	..	*-1	*42	*222
	2013	..	42	..	..	0	42	221
Solomon Islands	2010	..	*43	..	*1	..	*42	*80
	2011	..	*44	..	*1	..	*43	*79
	2012	..	*44	..	*1	..	*43	*78
	2013	..	*44	..	*1	..	*43	*77
Tonga	2010	..	25	..	..	..	25	236
	2011	..	23	..	..	..	23	223
	2012	..	12	..	..	..	12	113
	2013	..	1	..	..	..	1	8
Vanuatu	2010	..	31	..	..	..	31	133
	2011	..	35	..	..	..	35	144
	2012	..	30	..	..	..	30	123
	2013	..	28	..	..	..	28	110
Wallis and Futuna Is.	2010	..	7	..	..	..	7	495
	2011	..	7	..	..	..	7	510
	2012	..	7	..	..	..	7	489
	2013	..	6	..	..	..	6	482

Table 22**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.

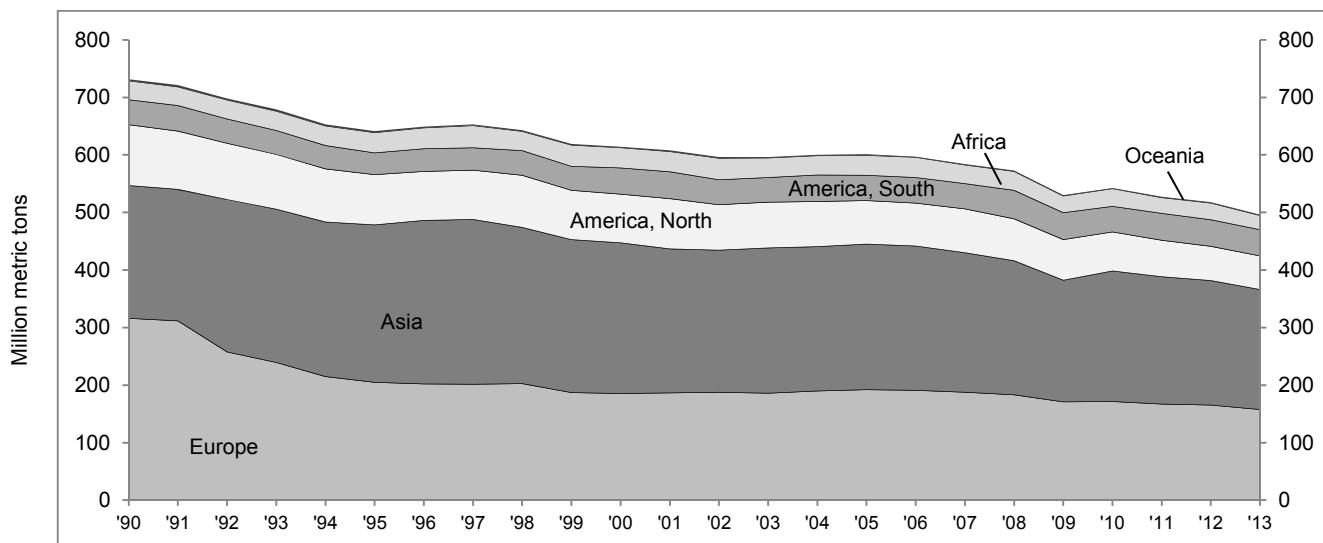
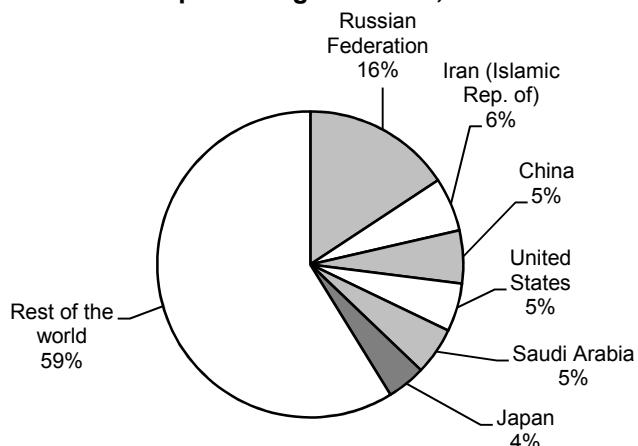
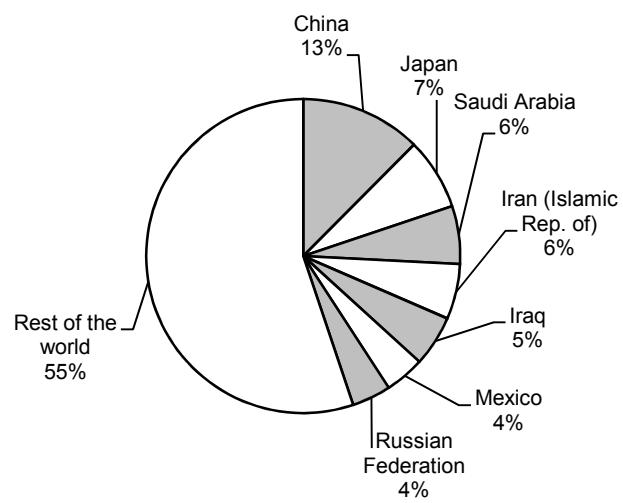
Figure 60: Production of fuel oil by region, 1990-2013**Figure 61: Major fuel oil producing countries, 2013****Figure 62: Major fuel oil consuming countries, 2013**

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	2010	542,466	254,153	298,467	180,026	6,812	311,313	45
	2011	527,575	265,743	303,355	180,892	2,371	306,700	44
	2012	517,975	261,300	291,025	169,390	418	318,441	45
	2013	496,271	266,051	305,183	174,989	-1,666	283,816	40
Africa	2010	30,482	5,955	10,745	5,279	-20	20,433	20
	2011	27,361	4,181	8,905	3,231	136	19,270	18
	2012	28,942	5,235	8,819	3,753	-218	21,823	20
	2013	24,698	9,828	9,641	3,422	1,311	20,151	18
Algeria	2010	5,749	227	5,611	273	6	86	2
	2011	5,848	193	5,694	213	1	133	4
	2012	5,115	201	5,127	211	-68	46	1
	2013	5,358	204	5,308	216	-3	41	1
Angola	2010	680	..	113	176	..	391	18
	2011	727	..	190	159	..	378	17
	2012	737	..	411	147	..	179	8
	2013	815	..	623	69	..	123	5
Benin	2010	..	111	64	..	2	45	5
	2011	..	115	66	..	3	46	5
	2012	..	121	70	..	3	48	5
	2013	..	128	74	..	4	50	5
Botswana	2010	..	9	..	..	..	9	4
	2011	..	10	..	..	..	10	5
	2012	..	10	..	..	..	10	5
	2013	..	11	..	..	..	11	5
Burkina Faso	2010	..	52	..	..	..	52	3
	2011	..	47	..	..	..	47	3
	2012	..	47	..	..	..	47	3
	2013	..	62	..	..	..	62	4
Burundi	2010	..	*8	..	..	..	*8	*1
	2011	..	*6	..	..	..	*6	*1
	2012	..	*2	..	..	..	*2	0
	2013	..	*7	..	..	..	*7	*1
Cabo Verde	2010	..	68	..	14	..	54	110
	2011	..	97	..	41	..	56	112
	2012	..	69	..	19	..	50	99
	2013	..	70	..	16	..	53	105
Cameroon	2010	329	..	155	4	..	170	8
	2011	343	..	163	4	..	176	8
	2012	359	..	171	4	..	184	8
	2013	379	..	182	4	..	193	9
Central African Rep.	2010	..	*5	..	..	..	*5	*1
	2011	..	*5	..	..	..	*5	*1
	2012	..	*6	..	..	..	*6	*1
	2013	..	*6	..	..	..	*6	*1
Congo	2010	227	13	235	..	0	5	1
	2011	197	8	197	..	-4	12	3
	2012	285	0	270	..	0	15	3
	2013	298	0	282	..	0	16	4
Côte d'Ivoire	2010	521	..	403	19	..	99	5
	2011	328	..	255	12	..	61	3
	2012	543	..	312	20	..	211	10
	2013	602	..	350	22	..	230	11

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
Dem. Rep. of the Congo	2010	..	42	..	..	..	42	1
	2011	..	44	..	..	..	44	1
	2012	..	47	..	..	..	47	1
	2013	..	51	..	..	..	51	1
Djibouti	2010	..	80	..	*8	*2	70	84
	2011	..	28	..	*9	*51	*70	*83
	2012	..	*80	..	*10	0	*70	*82
	2013	..	*84	..	*11	0	*74	*85
Egypt	2010	8,851	1,447	..	2,121	-1,085	9,262	113
	2011	8,902	349	..	296	0	8,955	107
	2012	10,155	1,005	..	290	0	10,870	127
	2013	*7,858	2,958	..	196	..	*10,620	*121
Eritrea	2010	..	59	..	..	..	59	13
	2011	..	67	..	..	..	67	14
	2012	..	71	..	..	..	71	15
	2013	..	72	..	..	..	72	14
Ethiopia	2010	..	131	..	..	0	131	1
	2011	..	144	..	..	-4	148	2
	2012	..	160	..	..	0	160	2
	2013	..	152	..	..	0	152	2
Gabon	2010	420	..	229	123	..	68	44
	2011	418	..	238	119	..	61	39
	2012	441	..	266	114	..	61	38
	2013	467	..	293	109	..	65	39
Gambia	2010	..	*4	..	..	..	*4	*3
	2011	..	*4	..	..	..	*4	*2
	2012	..	*4	..	..	..	*4	*2
	2013	..	*4	..	..	..	*4	*2
Ghana	2010	97	0	41	..	0	56	2
	2011	91	0	44	..	0	47	2
	2012	79	0	43	..	0	36	1
	2013	44	44	4	..	45	39	2
Guinea	2010	..	331	..	..	..	331	30
	2011	..	315	..	..	..	315	28
	2012	..	187	..	..	..	187	16
	2013	..	100	..	..	..	100	8
Guinea-Bissau	2010	..	*28	..	..	..	*28	*17
	2011	..	*28	..	..	..	*28	*17
	2012	..	*29	..	..	..	*29	*17
	2013	..	*29	..	..	..	*29	*16
Kenya	2010	450	82	66	1	-215	680	17
	2011	520	276	0	24	0	772	19
	2012	300	149	0	12	0	437	10
	2013	184	187	0	41	0	330	8
Liberia	2010	..	40	..	*10	..	30	8
	2011	..	*40	..	*10	..	*30	*7
	2012	..	*40	..	*10	..	*30	*7
	2013	..	*40	..	*10	..	*30	*7
Libya	2010	6,315	0	2,220	375	952	2,768	442
	2011	1,668	104	0	83	0	1,689	269
	2012	2,582	205	0	358	0	2,429	387
	2013	751	1,252	0	236	0	1,767	282

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	2010	..	73	..	*12	-11	73	3
	2011	..	100	..	*15	0	85	4
	2012	..	108	..	*16	5	87	4
	2013	..	106	..	*18	0	88	4
Malawi	2010	..	*2	..	..	..	*2	0
	2011	..	*2	..	..	..	*2	0
	2012	..	*2	..	..	..	*2	0
	2013	..	*2	..	..	..	*2	0
Mali	2010	..	*35	..	..	..	*35	*2
	2011	..	*36	..	..	..	*36	*2
	2012	..	*37	..	..	..	*37	*2
	2013	..	*37	..	..	..	*37	*2
Mauritania	2010	..	160	..	..	..	160	44
	2011	..	185	..	..	..	185	50
	2012	..	207	..	..	..	207	55
	2013	..	*207	..	..	..	*207	*53
Mauritius	2010	..	341	..	123	-24	242	194
	2011	..	435	..	185	-8	258	206
	2012	..	401	..	163	-18	256	203
	2013	..	429	..	156	14	259	205
Morocco	2010	1,586	1,222	0	0	509	2,299	70
	2011	2,441	218	76	0	102	2,481	75
	2012	2,118	660	47	0	-82	2,813	84
	2013	2,185	2,126	71	114	1,700	2,426	71
Mozambique	2010	..	0	..	..	..	0	0
	2011	..	1	..	..	..	1	0
	2012	..	0	..	..	..	0	0
	2013	..	0	..	..	..	0	0
Namibia	2010	..	12	..	..	0	12	5
	2011	..	15	..	..	0	15	7
	2012	..	26	..	..	0	26	11
	2013	..	51	..	..	*12	39	17
Niger	2010	..	10	..	..	-1	11	1
	2011	..	5	..	..	0	4	0
	2012	..	7	..	..	0	7	0
	2013	..	3	..	..	0	3	0
Nigeria	2010	1,276	..	547	290	-108	547	3
	2011	1,691	..	755	276	60	600	4
	2012	1,287	..	332	279	-33	709	4
	2013	1,348	..	748	256	-395	739	4
Réunion	2010	..	73	..	..	-3	76	91
	2011	..	103	..	..	12	91	109
	2012	..	77	..	..	-1	77	92
	2013	..	*74	..	..	*-1	*75	*88
Rwanda	2010	..	*3	..	..	..	*3	0
	2011	..	*3	..	..	..	*3	0
	2012	..	*4	..	..	..	*4	0
	2013	..	*4	..	..	..	*4	0
Senegal	2010	131	437	0	..	-6	574	44
	2011	175	336	15	..	-22	518	39
	2012	205	302	15	..	-26	518	38
	2013	171	328	4	..	-8	503	35

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
Seychelles	2010	..	69	..	*2	..	67	721
	2011	..	74	..	*3	..	71	756
	2012	..	77	..	*4	..	73	777
	2013	..	76	..	*4	..	72	756
Sierra Leone	2010	..	22	..	..	..	22	4
	2011	..	18	..	..	..	18	3
	2012	..	20	..	..	..	20	3
	2013	..	31	..	..	..	31	5
Somalia	2010	..	*39	..	*12	..	*27	*3
	2011	..	*39	..	*12	..	*27	*3
	2012	..	*39	..	*12	..	*27	*3
	2013	..	*39	..	*12	..	*27	*3
South Africa	2010	3,002	63	910	1,669	..	486	9
	2011	3,060	98	964	1,720	..	474	9
	2012	3,644	86	1,160	2,032	..	538	10
	2013	3,355	89	1,114	1,876	..	454	8
Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	398	21	..	..	..	419	11
	2013	253	27	..	..	..	280	7
Sudan (former)	2010	675	..	20	..	..	655	14
	2011	629	..	37	..	..	592	13
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Swaziland	2010	..	*5	..	..	..	*5	*4
	2011	..	*5	..	..	..	*5	*4
	2012	..	*5	..	..	..	*5	*4
	2013	..	*5	..	..	..	*5	*4
Togo	2010	..	80	..	..	8	72	11
	2011	..	75	..	..	12	63	10
	2012	..	42	..	..	-3	45	7
	2013	..	44	..	..	-3	47	7
Tunisia	2010	94	379	99	1	-46	419	39
	2011	251	239	189	0	34	267	25
	2012	612	279	573	1	4	313	29
	2013	551	241	560	0	-54	286	26
Uganda	2010	..	*37	..	..	..	*37	*1
	2011	..	46	..	..	..	46	1
	2012	..	*46	..	..	..	*46	*1
	2013	..	*46	..	..	..	*46	*1
United Rep. of Tanzania	2010	..	155	..	46	..	109	2
	2011	..	267	..	49	..	218	5
	2012	..	357	..	52	..	305	6
	2013	..	403	..	56	..	347	7
Zambia	2010	79	..	32	..	..	47	3
	2011	72	..	22	..	..	50	3
	2012	82	..	22	..	..	60	4
	2013	79	..	28	..	..	51	3
America, North	2010	67,805	36,227	37,334	27,237	344	39,117	72
	2011	63,727	34,814	38,204	24,964	-2,068	37,441	68
	2012	59,798	33,084	34,788	19,197	-645	39,542	71
	2013	58,386	30,457	36,511	20,443	321	31,569	56

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
Antigua and Barbuda	2010	..	*37	..	*3	..	*34	*390
	2011	..	*37	..	*3	..	*34	*386
	2012	..	*38	..	*3	..	*35	*393
	2013	..	*38	..	*3	..	*35	*389
Aruba	2010	..	*209	..	*9	..	*200	*1,969
	2011	..	*210	..	*10	..	*200	*1,962
	2012	..	*211	..	*11	..	*200	*1,953
	2013	..	*211	..	*11	..	*200	*1,943
Bahamas	2010	..	117	..	*104	..	12	33
	2011	..	189	..	*175	..	14	38
	2012	..	111	..	*99	..	12	33
	2013	..	151	..	*136	..	15	40
Barbados	2010	..	207	..	..	0	207	740
	2011	..	219	..	..	0	219	779
	2012	..	224	..	..	0	224	796
	2013	..	223	..	..	1	223	789
Belize	2010	..	21	..	..	..	21	64
	2011	..	*21	..	..	..	*21	*62
	2012	..	*21	..	..	..	*21	*62
	2013	..	*22	..	..	..	*22	*62
Bermuda	2010	..	125	..	*18	..	107	1,666
	2011	..	78	..	*19	..	58	919
	2012	..	58	..	*19	..	39	624
	2013	..	95	..	*19	..	76	1,208
Bonaire, St Eustatius, Saba	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	..	*228	..	*183	..	*46	*1,992
	2013	..	*235	..	*188	..	*47	*1,980
Canada	2010	6,719	909	2,829	661	103	4,035	118
	2011	6,630	460	2,932	491	-64	3,731	108
	2012	7,292	771	3,895	406	-19	3,781	108
	2013	6,774	1,025	4,591	392	-60	2,876	82
Costa Rica	2010	202	43	48	0	28	169	37
	2011	61	219	26	0	8	247	54
	2012	0	266	8	0	-26	283	61
	2013	0	335	0	4	9	322	68
Cuba	2010	2,436	1,860	..	..	..	4,296	380
	2011	2,322	1,371	..	..	..	3,693	326
	2012	2,520	1,490	..	..	..	4,010	354
	2013	2,480	*1,590	..	..	..	4,070	358
Curaçao	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	3,101	1,777	3,020	1,437	..	421	2,759
	2013	3,792	1,786	3,692	1,449	..	437	2,832
Dominica	2010	..	*2	..	*1	..	*1	*14
	2011	..	*2	..	*1	..	*1	*14
	2012	..	*2	..	*1	..	*1	*14
	2013	..	*2	..	*1	..	*1	*14
Dominican Republic	2010	398	1,193	..	..	9	1,582	160
	2011	391	1,023	..	..	-9	1,423	142
	2012	333	997	..	..	-4	1,333	131
	2013	392	1,150	..	..	11	1,531	149

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
El Salvador	2010	466	168	97	..	0	537	89
	2011	379	297	57	..	-13	632	104
	2012	295	384	0	..	3	676	111
	2013	0	451	0	..	-44	495	81
Greenland	2010	..	3	..	1	1	1	22
	2011	..	9	..	7	0	2	36
	2012	..	11	..	8	1	1	24
	2013	..	13	..	11	*-1	3	56
Guadeloupe	2010	..	*210	..	..	..	*210	*460
	2011	..	*210	..	..	..	*210	*458
	2012	..	*210	..	..	..	*210	*456
	2013	..	*211	..	..	..	*211	*455
Guatemala	2010	..	570	9	..	19	542	37
	2011	..	628	9	..	2	617	41
	2012	..	582	1	..	-18	599	39
	2013	..	479	2	..	-480	957	61
Haiti	2010	..	6	..	..	..	6	1
	2011	..	31	..	..	..	31	3
	2012	..	66	..	..	..	66	6
	2013	..	53	..	..	-21	74	7
Honduras	2010	..	915	..	1	0	914	122
	2011	..	1,024	..	1	-64	1,087	143
	2012	..	1,020	..	1	0	1,019	132
	2013	..	1,016	..	1	0	1,015	129
Jamaica	2010	715	763	289	..	-35	1,224	447
	2011	729	794	219	..	2	1,301	473
	2012	695	721	233	..	0	1,182	428
	2013	702	855	196	..	5	1,356	489
Martinique	2010	*388	*3	*34	*18	..	*340	*861
	2011	*410	*3	*34	*19	..	*360	*913
	2012	*417	*3	*34	*20	..	*367	*928
	2013	*417	*3	*32	*20	..	*368	*930
Mexico	2010	18,328	626	6,954	103	38	11,859	100
	2011	17,486	1,423	5,736	99	-146	13,220	110
	2012	15,593	2,544	3,978	103	230	13,826	113
	2013	15,287	1,781	5,413	101	-23	11,577	94
Neth. Antilles (former)	2010	1,518	2,527	1,481	2,038	..	526	2,533
	2011	2,974	2,555	2,900	2,063	..	566	2,655
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Nicaragua	2010	372	156	..	..	-42	570	99
	2011	355	279	..	..	40	594	102
	2012	234	293	..	..	-9	536	91
	2013	301	169	..	..	2	468	79
Panama	2010	..	3,400	..	2,931	-286	755	209
	2011	..	3,613	..	3,279	-298	632	172
	2012	..	3,683	..	*3,333	-147	497	133
	2013	..	3,879	..	3,313	139	427	112
Sint Maarten (Dutch part)	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	..	*542	..	*433	..	*108	*3,082
	2013	..	*553	..	*442	..	*111	*3,035

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
St. Lucia	2010	..	*6	..	*6	..	0	0
	2011	..	*6	..	*6	..	0	0
	2012	..	*6	..	*6	..	0	0
	2013	..	*6	..	*6	..	0	0
Trinidad and Tobago	2010	2,210	..	2,041	159	10	0	0
	2011	2,461	..	2,287	178	-5	1	1
	2012	2,297	..	2,039	332	-74	0	0
	2013	2,897	..	2,374	386	136	1	1
United States	2010	34,054	22,151	23,552	21,184	499	10,970	35
	2011	29,529	20,114	24,005	18,612	-1,521	8,547	27
	2012	27,022	16,825	21,580	12,802	-582	10,047	32
	2013	25,344	14,126	20,211	13,960	647	4,652	15
America, South	2010	44,542	2,427	20,964	6,527	-988	20,467	52
	2011	46,705	3,219	23,321	7,475	-12	19,141	48
	2012	46,171	2,502	23,204	6,964	-1,004	19,508	48
	2013	45,564	1,358	21,546	6,342	-498	19,532	48
Argentina	2010	3,653	696	594	993	-27	2,789	68
	2011	3,351	696	34	1,183	-33	2,863	69
	2012	3,953	696	50	1,541	-53	3,111	74
	2013	4,309	335	133	1,591	13	2,907	68
Bolivia (Plur. State of)	2010	391	..	381	..	-10	20	2
	2011	416	..	454	..	-59	21	2
	2012	332	..	317	..	15	0	0
	2013	376	..	388	..	-12	0	0
Brazil	2010	14,115	153	4,536	3,356	10	6,366	32
	2011	13,289	674	4,877	3,960	26	5,100	25
	2012	13,747	216	5,140	3,509	-72	5,386	27
	2013	14,618	91	5,493	2,929	-34	6,321	31
Chile	2010	1,401	427	0	397	9	1,422	84
	2011	1,238	598	66	492	20	1,258	73
	2012	1,192	373	146	163	2	1,254	72
	2013	1,252	112	215	207	-86	1,028	58
Colombia	2010	3,871	5	3,545	0	61	270	6
	2011	3,923	8	3,760	0	-16	187	4
	2012	4,093	8	3,844	0	33	224	5
	2013	4,333	13	3,987	226	75	58	1
Ecuador	2010	3,302	471	1,485	565	-454	2,177	146
	2011	4,191	534	1,622	614	-196	2,685	177
	2012	4,031	409	1,287	536	-273	2,890	187
	2013	3,803	314	871	414	-149	2,981	190
French Guiana	2010	..	*53	..	..	..	*53	*227
	2011	..	*54	..	..	..	*54	*225
	2012	..	*40	..	..	..	*40	*162
	2013	..	*46	..	..	..	*46	*181
Guyana	2010	..	185	..	..	-1	186	247
	2011	..	159	..	..	1	158	209
	2012	..	184	..	..	4	180	237
	2013	..	200	..	..	8	193	253
Paraguay	2010	..	47	..	..	2	45	7
	2011	..	38	..	..	-2	41	6
	2012	..	68	..	..	-8	76	12
	2013	..	36	..	..	0	36	5

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
Peru	2010	2,429	41	1,208	110	364	788	27
	2011	2,414	49	1,113	172	281	897	30
	2012	1,716	0	1,465	216	-679	714	24
	2013	1,694	0	1,244	0	-301	751	25
Suriname	2010	779	38	449	..	-1	369	712
	2011	843	31	569	..	0	306	584
	2012	865	32	576	..	0	321	608
	2013	929	33	623	..	0	340	637
Uruguay	2010	462	186	..	342	-26	333	99
	2011	307	378	..	258	-34	461	136
	2012	414	414	..	158	27	644	190
	2013	373	178	..	123	-12	439	129
Venezuela (Bolivar. Rep.)	2010	14,139	125	8,766	764	-915	5,649	195
	2011	16,733	0	10,826	796	0	5,111	174
	2012	15,828	61	10,379	841	0	4,669	156
	2013	13,877	0	8,592	852	0	4,433	146
Asia	2010	226,897	138,086	90,851	91,597	8,301	174,234	42
	2011	220,909	149,371	97,868	94,288	4,864	173,260	41
	2012	216,240	149,711	88,130	93,590	2,971	181,260	43
	2013	208,336	156,470	94,893	98,954	-886	171,845	40
Afghanistan	2010	..	1	..	..	..	1	0
	2011	..	1	..	..	..	1	0
	2012	..	1	..	..	..	1	0
	2013	..	*1	..	..	..	*1	0
Armenia	2010	..	*1	..	..	..	*1	0
	2011	..	1	..	..	..	1	0
	2012	..	0	..	..	..	0	0
	2013	..	0	..	..	..	0	0
Azerbaijan	2010	231	0	184	..	-34	81	9
	2011	254	0	213	..	-93	134	15
	2012	286	0	107	..	39	140	15
	2013	285	9	228	..	31	35	4
Bahrain	2010	2,312	0	2,318	80	-86	0	0
	2011	2,706	0	2,636	78	-8	0	0
	2012	2,429	64	2,686	82	-275	0	0
	2013	2,504	4	2,489	82	-66	3	2
Bangladesh	2010	341	0	..	81	..	260	2
	2011	367	231	..	86	..	512	3
	2012	275	681	..	92	..	864	6
	2013	323	804	..	98	..	1,029	7
Brunei Darussalam	2010	91	..	..	91	..	0	0
	2011	98	..	..	98	..	0	0
	2012	66	..	..	66	..	0	0
	2013	80	..	..	80	..	0	0
Cambodia	2010	..	244	..	..	..	244	17
	2011	..	229	..	..	..	229	16
	2012	..	214	..	..	..	214	14
	2013	..	166	..	..	..	166	11
China	2010	24,870	26,952	9,900	8,259	-30	33,693	25
	2011	22,818	30,974	12,271	8,723	260	32,538	24
	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

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
China, Hong Kong SAR	2010	..	9,667	278	6,168	3,197	24	3
	2011	..	7,715	272	6,926	494	23	3
	2012	..	7,493	486	7,127	-213	93	13
	2013	..	7,625	397	7,538	-341	31	4
China, Macao SAR	2010	..	65	..	..	-5	70	131
	2011	..	93	..	..	-2	95	174
	2012	..	86	..	..	1	85	152
	2013	..	52	..	..	-1	53	93
Cyprus	2010	..	1,317	..	134	66	1,117	1,012
	2011	..	1,153	..	141	-85	1,097	982
	2012	..	1,072	..	128	24	920	815
	2013	..	830	..	157	-4	677	593
Georgia	2010	..	30	0	..	..	30	7
	2011	..	7	0	..	..	7	2
	2012	..	0	0	..	..	0	0
	2013	..	5	5	..	..	0	0
India	2010	20,519	925	6,734	0	5,903	8,807	7
	2011	19,456	1,128	7,895	0	5,216	7,473	6
	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
Indonesia	2010	9,757	948	4,503	82	..	6,120	25
	2011	8,833	942	4,507	106	..	5,162	21
	2012	8,472	397	3,950	113	..	4,806	19
	2013	8,501	402	4,073	196	..	4,634	18
Iran (Islamic Rep. of)	2010	27,885	..	10,700	2,429	..	14,756	199
	2011	28,103	..	10,922	2,296	..	14,885	198
	2012	29,169	..	6,105	1,896	..	21,168	278
	2013	28,304	..	8,983	3,126	..	16,195	210
Iraq	2010	13,458	..	250	0	..	13,208	428
	2011	13,985	..	57	163	..	13,765	432
	2012	15,187	..	118	182	..	14,887	452
	2013	15,628	..	561	179	..	14,888	437
Israel	2010	2,521	81	585	312	-13	1,718	232
	2011	2,481	128	1,112	265	-30	1,262	167
	2012	1,813	687	630	261	-20	1,629	212
	2013	2,386	687	1,945	213	0	915	117
Japan	2010	21,169	3,049	2,477	4,451	-9	17,299	136
	2011	22,397	6,856	2,589	3,949	-29	22,744	179
	2012	24,261	8,579	2,691	3,886	72	26,191	206
	2013	20,201	6,277	1,889	3,731	-128	20,986	165
Jordan	2010	1,054	300	105	10	4	1,235	190
	2011	847	658	0	3	-103	1,605	237
	2012	975	783	0	12	49	1,697	243
	2013	902	687	0	5	-74	1,658	230
Kazakhstan	2010	3,806	1	2,604	..	-89	1,292	79
	2011	4,277	2	2,843	..	21	1,415	85
	2012	3,936	26	2,600	..	-103	1,465	87
	2013	3,734	231	2,500	..	165	1,300	76
Korea, Dem.Ppl's.Rep.	2010	108	255	..	..	..	363	15
	2011	108	276	..	..	..	384	16
	2012	108	247	..	..	..	355	14
	2013	110	250	..	..	..	360	14

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
Korea, Republic of	2010	19,002	2,626	3,888	7,931	78	9,731	198
	2011	18,496	2,310	5,173	7,743	176	7,714	156
	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
Kuwait	2010	10,880	..	3,728	495	..	6,657	2,176
	2011	9,766	..	3,072	962	..	5,732	1,770
	2012	10,825	..	3,167	1,004	..	6,654	1,946
	2013	10,207	..	2,118	1,040	..	7,049	1,961
Kyrgyzstan	2010	44	129	22	..	20	131	24
	2011	46	77	9	..	-19	133	24
	2012	39	50	2	..	6	81	14
	2013	41	9	2	..	-3	51	9
Lao People's Dem. Rep.	2010	..	*22	..	..	..	*22	*4
	2011	..	*33	..	..	..	*33	*5
	2012	..	*33	..	..	..	*33	*5
	2013	..	*34	..	..	..	*34	*5
Lebanon	2010	..	1,356	..	26	..	1,330	307
	2011	..	1,347	..	27	..	1,320	287
	2012	..	1,138	..	27	..	1,111	226
	2013	..	1,332	..	30	..	1,302	246
Malaysia	2010	*330	*1,199	*954	*23	*33	*519	*18
	2011	576	1,482	343	189	0	1,526	53
	2012	1,621	800	1,026	54	0	1,341	46
	2013	1,297	2,979	3,064	349	172	691	23
Mongolia	2010	..	5	..	..	..	5	2
	2011	..	7	..	..	..	7	3
	2012	..	*7	..	..	..	*7	*2
	2013	..	4	..	..	..	4	1
Myanmar	2010	64	..	..	..	-1	66	1
	2011	71	..	..	..	-3	74	1
	2012	65	..	..	..	0	65	1
	2013	55	..	..	..	0	55	1
Nepal	2010	..	1	..	..	..	1	0
	2011	..	0	..	..	..	0	0
	2012	..	3	..	..	..	3	0
	2013	..	2	..	..	..	2	0
Oman	2010	2,698	..	366	1,163	..	1,169	397
	2011	2,933	..	511	580	..	1,842	574
	2012	2,867	..	492	801	..	1,574	444
	2013	3,065	..	326	885	..	1,854	475
Other Asia	2010	8,699	2,281	723	1,615	54	8,588	370
	2011	8,287	1,347	916	1,478	-235	7,475	321
	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
Pakistan	2010	2,435	6,661	4	146	36	8,909	52
	2011	2,174	6,419	1	91	-153	8,654	50
	2012	*2,653	*5,582	0	*84	*-153	*8,304	*47
	2013	2,741	6,267	0	88	0	8,920	49
Philippines	2010	1,949	855	239	156	16	2,392	26
	2011	1,994	346	531	197	17	1,595	17
	2012	1,734	283	202	172	-20	1,663	17
	2013	1,605	408	238	148	-48	1,674	17

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
Qatar	2010	305	..	282	..	23	0	0
	2011	224	..	236	..	-12	0	0
	2012	321	..	329	..	-8	0	0
	2013	384	..	329	..	46	9	4
Saudi Arabia	2010	24,411	28	9,694	2,631	-164	12,278	437
	2011	22,849	1,300	6,542	2,740	699	14,168	492
	2012	25,282	3,309	10,747	2,858	181	14,805	502
	2013	24,955	5,574	10,002	3,424	240	16,863	558
Singapore	2010	6,871	59,714	22,439	39,248	-664	5,562	1,095
	2011	7,468	64,875	27,567	41,577	-407	3,606	695
	2012	5,431	61,604	23,307	41,229	-1,187	3,686	696
	2013	5,234	66,006	27,270	41,306	-1,328	3,992	739
Sri Lanka	2010	686	423	0	199	-27	937	46
	2011	615	368	26	223	-216	951	47
	2012	648	564	0	217	-13	1,008	49
	2013	724	176	105	265	-144	674	33
Syrian Arab Republic	2010	4,838	1,549	845	89	47	5,406	261
	2011	4,741	1,052	554	77	0	5,162	252
	2012	3,365	449	0	40	0	3,774	189
	2013	2,225	354	0	37	0	2,542	132
Tajikistan	2010	12	103	..	..	..	115	15
	2011	10	111	..	..	..	121	16
	2012	11	119	..	..	..	130	16
	2013	*11	*128	..	..	..	*139	*17
Thailand	2010	6,266	105	3,360	0	262	2,749	41
	2011	6,074	344	3,619	0	*216	2,583	39
	2012	6,393	376	3,993	0	*298	2,478	37
	2013	5,557	252	3,548	764	228	1,269	19
Turkey	2010	2,780	651	2,255	138	34	1,004	14
	2011	2,492	676	2,148	65	-40	995	14
	2012	1,567	913	1,204	34	153	1,089	15
	2013	3,013	740	1,908	798	-98	1,145	15
Turkmenistan	2010	2,200	..	988	..	..	1,212	240
	2011	2,230	..	1,001	..	..	1,229	241
	2012	2,160	..	970	..	..	1,190	230
	2013	1,760	..	790	..	..	970	185
United Arab Emirates	2010	3,053	13,589	..	*15,289	..	1,353	162
	2011	2,037	14,438	..	*15,135	..	1,340	153
	2012	1,935	15,092	..	*15,643	..	1,384	155
	2013	2,793	*15,724	..	*17,011	..	*1,506	*167
Uzbekistan	2010	508	..	..	..	..	508	18
	2011	456	..	..	..	..	456	16
	2012	278	..	..	..	..	278	10
	2013	228	..	..	..	..	228	8
Viet Nam	2010	148	1,766	0	320	-350	1,944	22
	2011	150	1,470	0	340	-800	2,080	23
	2012	165	823	0	358	-1,558	2,188	24
	2013	62	659	224	169	-6	334	4
Yemen	2010	597	1,187	426	31	..	1,327	56
	2011	490	976	303	30	..	1,133	47
	2012	207	1,020	190	23	..	1,014	41
	2013	645	791	427	20	..	989	39

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
Europe	2010	171,385	69,016	138,402	48,455	-773	54,317	74
	2011	167,207	71,907	134,613	50,059	-553	54,994	75
	2012	165,179	68,313	135,354	44,843	-650	53,945	73
	2013	157,670	65,462	142,159	44,911	-2,003	38,065	52
Albania	2010	4	5	..	..	0	9	3
	2011	9	3	..	..	0	12	4
	2012	0	1	..	..	0	1	0
	2013	0	1	..	..	0	1	0
Austria	2010	815	174	244	..	-142	887	106
	2011	822	86	266	..	-29	671	80
	2012	953	59	220	..	-1	793	94
	2013	1,011	59	325	..	-2	747	88
Belarus	2010	5,104	371	4,955	..	-15	535	56
	2011	6,407	848	6,538	..	3	714	75
	2012	7,284	3,321	6,566	..	22	4,017	423
	2013	6,615	18	6,146	..	22	465	49
Belgium	2010	5,543	5,587	3,867	7,423	-97	-63	-6
	2011	5,689	4,914	4,329	6,604	-107	-223	-20
	2012	5,179	4,420	3,953	5,794	17	-165	-15
	2013	4,916	5,270	4,780	5,906	40	-540	-48
Bosnia and Herzegovina	2010	257	26	77	..	0	206	54
	2011	218	31	55	..	0	194	51
	2012	176	30	8	..	0	198	52
	2013	116	33	0	..	1	148	39
Bulgaria	2010	1,422	43	1,305	46	-3	117	16
	2011	1,424	29	1,338	29	-12	98	13
	2012	1,488	59	1,394	19	6	128	18
	2013	1,640	38	1,561	31	-20	106	15
Croatia	2010	869	57	402	6	46	472	109
	2011	731	13	372	23	-100	449	104
	2012	563	63	326	0	-37	337	79
	2013	514	0	376	0	-60	198	46
Czech Republic	2010	239	72	77	..	9	225	21
	2011	195	29	98	..	-21	147	14
	2012	145	29	73	..	0	101	10
	2013	148	13	120	..	-57	98	9
Denmark	2010	1,276	2,536	2,801	430	280	301	54
	2011	1,147	2,040	2,884	465	-334	172	31
	2012	1,312	1,724	2,645	277	-75	189	34
	2013	1,213	2,953	3,446	374	172	174	31
Estonia	2010	..	210	0	205	-2	7	5
	2011	..	169	0	169	9	-9	-7
	2012	..	906	581	325	1	-1	-1
	2013	..	448	54	392	-24	26	20
Faeroe Islands	2010	..	*85	..	23	..	*61	*1,263
	2011	..	*78	..	23	..	*55	*1,129
	2012	..	*79	..	23	..	*57	*1,175
	2013	..	*78	..	15	..	*63	*1,305
Finland	2010	1,209	723	704	152	-25	1,101	205
	2011	1,294	695	927	142	-1	921	171
	2012	1,287	809	1,097	82	-118	1,035	191
	2013	1,330	793	1,095	85	9	934	171

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
France	2010	9,196	8,212	6,408	2,254	-187	8,933	142
	2011	9,024	7,402	6,497	2,447	-7	7,489	118
	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
Germany	2010	7,942	2,679	1,755	2,306	155	6,405	80
	2011	7,754	2,791	1,967	2,296	-243	6,525	81
	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
Gibraltar	2010	..	3,855	..	3,812	..	43	1,399
	2011	..	3,839	..	3,796	..	43	1,384
	2012	..	3,871	..	3,828	..	43	1,369
	2013	..	3,548	..	3,502	..	46	1,450
Greece	2010	5,878	1,558	2,172	2,444	-48	2,868	257
	2011	5,053	1,852	2,165	2,535	42	2,163	194
	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
Hungary	2010	111	17	25	..	-39	142	14
	2011	150	13	58	..	-10	115	12
	2012	81	11	24	..	-2	70	7
	2013	84	18	29	..	0	73	7
Iceland	2010	..	93	..	28	6	59	186
	2011	..	89	..	32	1	56	174
	2012	..	106	..	27	3	76	235
	2013	..	109	..	13	-6	102	313
Ireland	2010	969	303	783	2	-103	590	128
	2011	1,071	236	1,088	23	-5	201	43
	2012	967	202	984	24	-31	192	41
	2013	939	187	923	16	2	185	40
Italy	2010	10,548	968	3,378	2,815	-9	5,332	89
	2011	9,180	850	2,804	2,338	340	4,548	76
	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
Latvia	2010	..	216	0	187	3	26	12
	2011	..	159	0	143	-2	18	9
	2012	..	169	1	157	-3	14	7
	2013	..	169	0	164	0	5	2
Lithuania	2010	1,741	268	1,513	127	95	274	88
	2011	1,760	159	1,628	126	-23	188	61
	2012	1,709	155	1,590	105	-113	282	93
	2013	1,833	98	1,730	77	-30	154	52
Luxembourg	2010	..	4	..	..	..	4	8
	2011	..	2	..	..	..	2	4
	2012	..	2	..	..	..	2	4
	2013	..	0	..	..	..	0	0
Malta	2010	..	1,777	0	1,243	2	532	1,291
	2011	..	1,718	0	1,158	15	545	1,316
	2012	..	1,631	0	1,003	43	585	1,408
	2013	..	1,674	77	1,072	75	450	1,080
Montenegro	2010	..	11	0	..	..	11	18
	2011	..	10	1	..	..	9	14
	2012	..	8	1	..	..	7	11
	2013	..	12	0	..	..	12	19

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
Netherlands	2010	9,800	30,080	27,061	12,662	-657	814	49
	2011	8,481	34,232	27,507	13,734	-378	1,850	111
	2012	8,696	33,207	28,190	12,337	244	1,132	68
	2013	8,495	31,995	27,410	11,558	-155	1,677	100
Norway	2010	1,870	1,612	1,646	204	-19	1,651	338
	2011	1,747	1,372	1,874	194	-62	1,113	225
	2012	1,591	1,202	1,659	182	-15	967	193
	2013	1,668	1,990	1,922	186	-1	1,551	305
Poland	2010	3,123	86	1,575	167	-18	1,485	38
	2011	3,391	71	2,004	106	2	1,350	35
	2012	3,430	61	2,310	80	-23	1,124	29
	2013	3,408	62	2,592	65	1	812	21
Portugal	2010	2,199	264	916	425	9	1,113	105
	2011	2,534	381	1,258	527	37	1,093	104
	2012	2,740	233	1,439	579	44	911	87
	2013	2,263	375	1,594	609	-249	684	65
Republic of Moldova	2010	12	18	3	..	-6	33	8
	2011	10	17	7	..	-4	24	6
	2012	12	7	8	..	-7	18	4
	2013	16	14	13	..	-1	18	4
Romania	2010	764	83	426	4	8	409	20
	2011	722	15	330	0	-77	484	24
	2012	562	2	304	0	-219	479	24
	2013	364	1	256	0	-96	205	10
Russian Federation	2010	74,998	870	62,583	647	343	12,295	86
	2011	73,640	1,156	55,183	1,907	205	17,501	122
	2012	75,072	189	57,080	519	-299	17,961	125
	2013	77,993	11	62,653	3,838	157	11,356	79
Serbia	2010	691	0	134	..	-8	565	62
	2011	542	4	83	..	-8	471	52
	2012	472	74	49	..	9	488	54
	2013	395	2	136	..	25	236	26
Slovakia	2010	692	80	384	..	-29	417	77
	2011	638	101	355	..	16	368	68
	2012	616	117	352	..	-1	382	71
	2013	677	181	430	..	-1	429	79
Slovenia	2010	..	28	..	19	..	9	4
	2011	..	41	..	33	..	8	4
	2012	..	59	..	51	..	8	4
	2013	..	71	..	62	..	9	4
Spain	2010	8,334	3,408	2,143	7,143	-95	2,551	55
	2011	7,927	3,785	2,195	7,506	-45	2,056	44
	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
Sweden	2010	5,153	1,048	3,627	1,836	-128	866	92
	2011	4,970	1,223	3,369	1,564	190	1,070	113
	2012	5,099	783	3,221	1,498	-197	1,360	143
	2013	4,124	761	2,346	1,399	93	1,047	109
Switzerland	2010	377	33	323	..	17	70	9
	2011	344	15	306	..	-7	60	8
	2012	275	14	169	..	58	62	8
	2013	365	8	360	..	-34	47	6

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
T.F.Yug.Rep. Macedonia	2010	260	0	53	..	-16	222	108
	2011	246	8	70	..	-36	219	106
	2012	97	133	24	..	-40	245	119
	2013	21	126	10	..	-33	170	82
Ukraine	2010	2,464	537	2,167	..	15	819	18
	2011	2,181	623	1,917	..	-1	888	20
	2012	790	155	509	..	-90	526	12
	2013	658	25	617	..	14	52	1
United Kingdom	2010	7,525	1,020	4,895	1,845	-115	1,920	31
	2011	7,907	808	5,140	2,139	99	1,337	21
	2012	7,164	659	5,301	1,540	-218	1,200	19
	2013	6,483	625	4,429	1,292	-67	1,454	23
Oceania	2010	1,355	2,442	172	930	-51	2,745	75
	2011	1,666	2,252	444	875	4	2,595	70
	2012	1,644	2,455	730	1,043	-36	2,362	63
	2013	1,618	2,476	434	917	89	2,654	70
Australia	2010	860	1,616	103	626	-60	1,807	82
	2011	952	1,414	184	571	-8	1,619	72
	2012	943	1,492	460	772	-18	1,221	53
	2013	888	1,501	209	645	39	1,496	64
Fiji	2010	..	5	0	..	..	5	6
	2011	..	*5	0	..	..	*5	*6
	2012	..	5	0	..	..	5	5
	2013	..	6	0	..	..	6	7
French Polynesia	2010	..	*114	..	*2	..	*111	*416
	2011	..	*114	..	*2	..	*111	*411
	2012	..	*114	..	*2	..	*111	*407
	2013	..	*115	..	2	..	*113	*407
Nauru	2010	..	*9	..	*4	..	*5	*499
	2011	..	*8	..	*4	..	*4	*398
	2012	..	*8	..	*4	..	*4	*397
	2013	..	*9	..	*4	..	*5	*494
New Caledonia	2010	..	455	..	..	10	445	1,806
	2011	..	452	..	..	3	449	1,796
	2012	..	454	..	..	12	442	1,745
	2013	..	444	..	..	11	433	1,689
New Zealand	2010	380	..	69	288	-11	34	8
	2011	594	..	260	287	12	35	8
	2012	562	..	270	253	-19	58	13
	2013	553	..	225	253	41	34	8
Palau	2010	..	*31	..	..	..	*31	*1,514
	2011	..	*32	..	..	..	*32	*1,529
	2012	..	*32	..	..	..	*32	*1,518
	2013	..	*32	..	..	..	*32	*1,506
Papua New Guinea	2010	115	*207	..	*6	10	*306	*45
	2011	120	223	..	6	-3	340	49
	2012	139	317	..	7	-11	460	64
	2013	177	320	..	8	-2	491	67
Tonga	2010	..	*1	..	0	..	0	*3
	2011	..	1	..	0	..	0	4
	2012	..	30	..	0	..	30	288
	2013	..	44	..	0	..	44	420

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
Vanuatu	2010	..	*4	..	*4	..	0	0
	2011	..	*4	..	*4	..	0	0
	2012	..	*4	..	*4	..	0	0
	2013	..	*4	..	*4	..	0	0

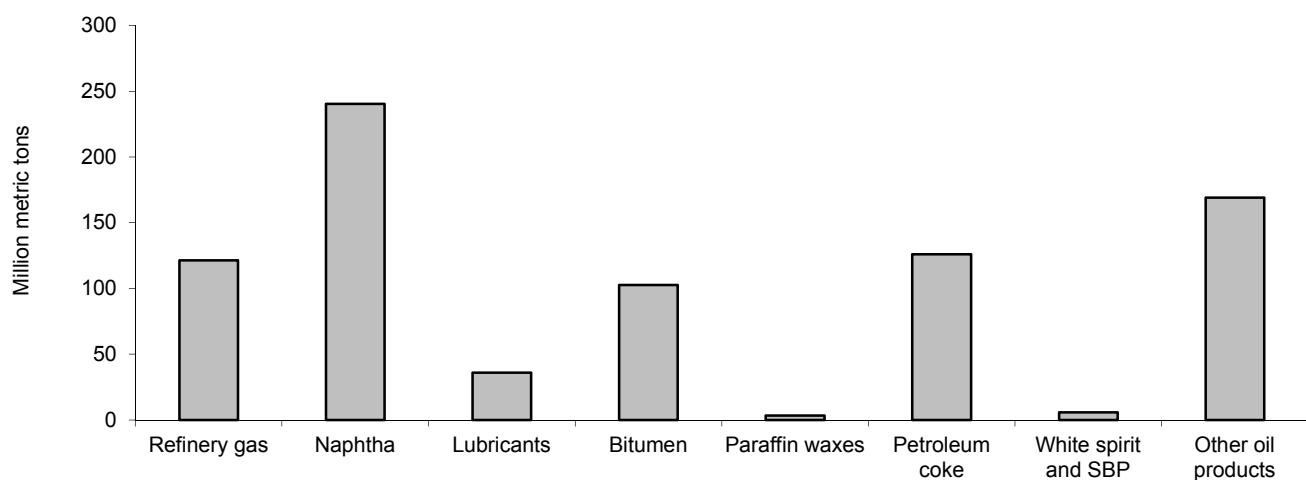
Table 23**Production of minor oil products from refineries - by type**

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.

Figure 63: Production of minor oil products from refineries, 2013*

*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	2010	142,562	494	233,041	36,746	103,829	3,502	108,194	5,491	162,487
	2011	143,642	499	233,853	37,759	103,950	3,266	116,483	6,478	165,304
	2012	124,076	454	234,456	36,880	102,377	3,230	122,244	6,844	162,218
	2013	121,435	212	240,327	35,933	102,700	3,268	126,127	5,754	168,849
Africa	2010	2,639	..	13,934	771	2,173	9	735	87	1,678
	2011	2,262	..	11,250	431	1,965	12	661	118	2,285
	2012	2,341	..	11,578	361	1,709	17	521	125	1,952
	2013	2,323	..	11,649	350	1,575	18	510	121	2,631
Algeria	2010	315	..	7,440	152	209	..	..	..	86
	2011	304	..	6,939	118	175	..	..	..	69
	2012	273	..	6,432	100	209	..	..	..	64
	2013	293	..	6,336	113	159	..	..	..	64
Angola	2010	87	..	169	..	37	..	..	..	..
	2011	59	..	166	..	2	..	..	..	..
	2012	62	..	156	..	5	..	..	..	..
	2013	68	..	205	..	3	..	..	..	..
Cameroon	2010	76	..	..	..	..	..	..	..	177
	2011	79	..	..	..	..	..	..	..	184
	2012	83	..	..	..	..	..	..	..	192
	2013	88	..	..	..	..	..	..	..	203
Congo	2010	..	..	0	..	..	..	..	..	14
	2011	..	..	7	..	..	..	..	..	14
	2012	..	..	10	..	..	..	..	..	20
	2013	..	..	10	..	..	..	..	..	21
Côte d'Ivoire	2010	23	..	..	13	277	..	..	..	..
	2011	19	..	..	13	151	..	..	..	..
	2012	27	..	..	14	172	..	..	..	..
	2013	30	..	..	17	191	..	..	..	..
Egypt	2010	144	..	3,265	328	726	..	331	..	399
	2011	121	..	2,843	0	802	..	375	..	1,177
	2012	133	..	2,706	0	646	..	252	..	1,240
	2013	*133	..	2,634	0	*646	..	*252	..	1,531
Gabon	2010	..	..	..	11	2	..	..	..	..
	2011	..	..	..	11	2	..	..	..	..
	2012	..	..	..	12	2	..	..	..	..
	2013	..	..	..	13	2	..	..	..	..
Ghana	2010	29	..	..	..	..	..	..	..	..
	2011	42	..	..	..	..	..	..	..	..
	2012	20	..	..	..	..	..	..	..	..
	2013	0	..	..	..	..	..	..	..	..
Kenya	2010	78	..	..	0	8	..	..	..	1
	2011	68	..	..	54	15	..	..	..	4
	2012	38	..	..	4	27	..	..	..	2
	2013	31	..	..	0	0	..	..	..	0
Libya	2010	330	..	2,457	..	159	..	..	..	14
	2011	111	..	649	..	31	..	..	..	5
	2012	164	..	1,348	..	46	..	..	..	7
	2013	146	..	1,533	..	41	..	..	..	6
Morocco	2010	*234	..	538	101	277	2	..	..	..
	2011	*262	..	448	103	315	1	..	..	..
	2012	*280	..	493	107	171	1	..	..	..
	2013	185	..	482	63	181	1	..	..	..

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
Nigeria	2010	112	..	..	37	11	..	3	..	936
	2011	111	..	..	10	33	..	1	..	780
	2012	125	..	..	10	0	..	1	..	375
	2013	125	..	..	11	5	..	2	..	559
Senegal	2010	9	..	13	..	..	..	..	..	..
	2011	12	..	31	..	..	..	..	..	..
	2012	13	..	53	..	..	..	..	..	..
	2013	15	..	85	..	..	..	..	..	..
South Africa	2010	1,162	..	..	129	467	7	..	84	38
	2011	1,040	..	..	122	439	11	..	112	40
	2012	1,090	..	..	114	431	16	..	110	39
	2013	1,176	..	..	133	347	17	..	106	37
Sudan	2010	..	..	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..	..	..
	2012	20	..	8	..	..	..	268	..	0
	2013	20	..	18	..	..	..	256	..	*197
Sudan (former)	2010	25	..	20	..	..	..	401	..	..
	2011	22	..	18	..	..	..	285	..	..
	2012	..	..	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..	..	..
Tunisia	2010	2	..	32	..	..	..	..	3	..
	2011	0	..	149	..	..	..	..	6	..
	2012	0	..	372	..	..	..	..	15	..
	2013	0	..	346	..	..	..	..	15	..
Zambia	2010	13	..	..	..	..	..	..	..	13
	2011	12	..	..	..	..	..	..	..	12
	2012	13	..	..	..	..	..	..	..	13
	2013	13	..	..	..	..	..	..	..	13
America, North	2010	42,228	429	16,887	9,995	29,567	425	59,666	1,677	23,368
	2011	42,382	424	16,957	10,377	28,989	422	62,257	1,695	24,491
	2012	22,527	392	15,895	9,757	27,577	414	62,813	2,002	14,921
	2013	23,183	145	17,475	10,129	25,359	420	64,364	1,865	21,274
Aruba	2010	..	..	..	..	..	..	..	..	*10,067
	2011	..	..	..	..	..	..	..	..	*10,050
	2012	..	..	..	..	..	..	..	..	*2,440
	2013	..	..	..	..	..	..	..	..	0
Canada	2010	5,227	..	4,015	1,006	4,470	..	3,382	49	4,051
	2011	4,693	..	3,366	1,029	4,357	..	3,765	54	5,112
	2012	4,029	..	3,505	1,128	4,510	..	3,455	71	3,753
	2013	3,945	..	3,062	1,249	4,335	..	3,433	59	4,198
Costa Rica	2010	..	..	..	..	2	..	..	..	..
	2011	..	..	..	..	2	..	..	..	..
	2012	..	..	..	..	0	..	..	..	..
	2013	..	..	..	..	0	..	..	..	..
Cuba	2010	31	..	214	47	87	..	8	..	..
	2011	34	..	247	49	80	..	7	..	..
	2012	18	..	349	47	81	..	1	..	..
	2013	17	..	*340	*50	*78	..	*1	..	..
Curaçao	2010	..	..	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..	..	..
	2012	194	..	310	253	451	..	75	..	56
	2013	177	..	337	131	408	..	68	..	51

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
Dominican Republic	2010	15	..	..	..	..	..	..	..	..
	2011	14	..	..	..	..	..	..	..	..
	2012	13	..	..	..	..	..	..	..	..
	2013	14	..	..	..	..	..	..	..	..
El Salvador	2010	13	..	..	..	..	..	..	..	29
	2011	13	..	..	..	..	..	..	..	35
	2012	8	..	..	..	..	..	..	..	0
	2013	0	..	..	..	..	..	..	..	0
Guatemala	2010	..	..	..	5	42	..	..	..	..
	2011	..	..	..	6	42	..	..	..	..
	2012	..	..	..	0	39	..	..	..	..
	2013	..	..	..	0	27	..	..	..	..
Jamaica	2010	..	..	0	..	10	..	..	..	..
	2011	..	..	0	..	23	..	..	..	..
	2012	..	..	0	..	22	..	..	..	..
	2013	..	..	0	..	16	..	..	..	..
Mexico	2010	2,781	..	3,047	220	1,486	40	1,511	..	12
	2011	3,214	..	3,642	192	1,558	36	1,628	..	14
	2012	3,494	..	2,913	182	1,373	38	2,579	..	3
	2013	3,632	..	3,427	229	1,086	34	3,182	..	84
Neth. Antilles (former)	2010	97	..	152	124	449	..	38	..	27
	2011	188	..	298	243	877	..	73	..	54
	2012	..	..	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..	..	..
Nicaragua	2010	12	..	..	..	9	..	..	19	..
	2011	10	..	..	..	12	..	..	21	..
	2012	8	..	..	..	6	..	..	12	..
	2013	12	..	..	..	6	..	..	13	..
Trinidad and Tobago	2010	260	..	26	..	41	..	..	..	306
	2011	234	..	40	..	40	..	..	..	967
	2012	221	..	0	..	31	..	..	..	940
	2013	180	..	68	..	38	..	..	..	363
United States	2010	33,792	429	9,433	8,593	22,971	385	54,727	1,609	8,876
	2011	33,982	424	9,364	8,858	21,998	386	56,784	1,620	8,259
	2012	14,542	392	8,818	8,147	21,064	376	56,703	1,919	7,729
	2013	15,206	145	10,241	8,470	19,365	386	57,680	1,793	16,578
America, South	2010	8,377	..	10,346	1,168	4,384	27	14,494	658	8,365
	2011	7,646	..	9,291	1,151	4,148	28	13,316	571	8,307
	2012	8,372	..	9,077	1,174	4,197	29	14,102	542	8,874
	2013	9,607	..	7,000	1,248	4,377	28	14,577	391	8,184
Argentina	2010	699	..	2,580	394	632	12	1,398	293	2,842
	2011	762	..	2,510	369	675	12	1,393	263	2,694
	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
Bolivia (Plur. State of)	2010	79	..	1	21	2	0	..	5	112
	2011	85	..	0	21	2	0	..	15	120
	2012	100	..	0	22	2	1	..	13	443
	2013	101	..	0	24	2	1	..	13	148
Brazil	2010	4,854	..	5,295	534	2,767	..	3,484	357	2,762
	2011	4,151	..	4,594	534	2,465	..	4,281	266	2,960
	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

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
Chile	2010	223	..	72	..	..	..	353	..	626
	2011	252	..	59	..	..	..	331	..	652
	2012	226	..	60	..	..	..	418	..	707
	2013	227	..	111	..	..	..	359	..	723
Colombia	2010	598	..	306	..	..	..	..	..	698
	2011	843	..	314	..	..	..	..	..	*601
	2012	835	..	*314	..	..	..	..	..	*504
	2013	285	..	294	..	..	..	..	..	366
Ecuador	2010	..	..	..	0	351	..	..	..	325
	2011	..	..	..	0	370	..	..	18	256
	2012	..	..	..	3	395	..	..	21	348
	2013	..	..	..	0	391	..	..	24	312
Peru	2010	178	..	..	..	..	..	..	..	341
	2011	177	..	..	..	..	..	..	..	337
	2012	169	..	..	..	..	..	..	..	309
	2013	155	..	..	..	..	..	..	..	679
Suriname	2010	..	..	..	14	..	..	..	..	..
	2011	..	..	..	13	..	..	..	..	..
	2012	..	..	..	13	..	..	..	..	..
	2013	..	..	..	13	..	..	..	..	..
Uruguay	2010	75	..	..	..	40	..	24	3	..
	2011	57	..	..	..	19	..	20	9	..
	2012	74	..	..	..	44	..	26	2	..
	2013	99	..	..	..	63	..	28	3	..
Venezuela (Bolivar. Rep.)	2010	1,671	..	2,092	205	592	15	9,235	..	659
	2011	1,319	..	*1,814	214	617	16	7,291	..	687
	2012	1,629	..	*1,400	226	652	17	7,109	..	726
	2013	2,735	..	*950	243	661	17	7,324	..	736
Asia	2010	52,822	28	135,257	13,298	40,353	1,914	21,793	1,948	101,300
	2011	54,484	34	138,769	14,517	41,535	1,607	27,947	2,896	105,596
	2012	54,388	39	140,095	14,942	44,076	1,758	31,575	3,043	111,606
	2013	50,839	32	145,528	13,701	46,650	1,680	32,481	2,422	114,386
Azerbaijan	2010	262	..	239	87	242	..	396	..	283
	2011	245	..	219	91	266	..	269	..	206
	2012	263	..	149	63	288	..	231	..	269
	2013	276	..	125	47	313	..	223	..	238
Bahrain	2010	266	..	1,681	0	457	..	..	..	195
	2011	258	..	1,574	74	353	..	..	..	179
	2012	266	..	1,708	612	319	..	..	..	189
	2013	133	..	1,792	353	425	..	..	..	148
Bangladesh	2010	13	..	145	9	52	..	..	6	21
	2011	14	..	133	13	55	..	..	8	22
	2012	13	..	113	13	65	..	..	7	26
	2013	14	..	139	11	70	..	..	10	25
Brunei Darussalam	2010	50	..	..	..	..	..	..	..	..
	2011	38	..	..	..	..	..	..	..	..
	2012	38	..	..	..	..	..	..	..	..
	2013	28	..	..	..	..	..	..	..	..
China	2010	14,407	..	32,007	2,189	12,639	1,601	13,845	743	74,718
	2011	15,482	..	34,266	2,479	14,114	1,333	16,880	1,730	79,500
	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

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
India	2010	15,872	..	17,535	884	4,536	61	4,478	..	14,542
	2011	15,422	..	17,135	1,028	4,638	47	7,837	..	13,740
	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
Indonesia	2010	623	..	1,731	283	115	14	543	22	*964
	2011	661	..	3,423	432	323	*15	*576	*20	*964
	2012	636	..	2,795	421	337	*18	*584	*22	*916
	2013	644	..	3,174	377	242	15	301	62	*916
Iran (Islamic Rep. of)	2010	1,503	28	3,967	1,663	3,671	..	..	..	68
	2011	1,439	34	4,570	1,772	3,492	..	..	..	229
	2012	1,663	39	4,260	1,709	3,960	..	..	..	524
	2013	1,806	32	4,906	1,581	3,896	..	..	..	459
Iraq	2010	613	..	774	43	412	26	..	..	..
	2011	205	..	498	118	514	27	..	..	..
	2012	205	..	470	80	681	27	..	..	..
	2013	209	..	472	91	851	55	..	..	..
Israel	2010	..	..	439	..	257	..	..	..	871
	2011	..	..	695	..	262	..	..	..	421
	2012	..	..	484	..	226	..	..	..	822
	2013	..	..	662	..	268	..	..	..	497
Japan	2010	7,566	..	14,674	2,357	4,377	82	1,211	70	2,348
	2011	7,264	..	13,822	2,210	3,939	70	1,203	113	2,228
	2012	7,239	..	13,916	2,084	3,960	73	919	116	2,214
	2013	7,231	..	15,023	2,189	3,659	66	1,021	114	2,211
Jordan	2010	23	..	..	*16	150	..	..	..	4
	2011	33	..	..	*16	107	..	..	..	4
	2012	32	..	..	*16	*97	..	..	..	4
	2013	33	..	..	25	95	..	..	..	4
Kazakhstan	2010	118	..	..	..	174	..	190	..	..
	2011	134	..	..	..	257	..	212	..	..
	2012	150	..	..	..	287	..	198	..	..
	2013	148	..	..	..	332	..	262	..	..
Korea, Republic of	2010	2,396	..	20,167	2,239	3,660	17	265	596	1,205
	2011	2,686	..	22,953	2,431	3,022	15	277	496	2,729
	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
Kuwait	2010	412	..	8,693	..	120	..	..	..	905
	2011	393	..	8,123	..	139	..	..	..	886
	2012	423	..	6,043	..	209	..	..	..	1,575
	2013	402	..	8,219	..	100	..	..	..	590
Malaysia	2010	192	..	3,936	172	113	38	*15	..	..
	2011	1,633	..	3,898	181	119	39	16	..	..
	2012	194	..	3,617	172	113	37	15	..	..
	2013	192	..	1,747	947	154	13	181	..	..
Myanmar	2010	34	..	..	..	..	1	17	..	6
	2011	30	..	..	..	..	1	13	..	5
	2012	27	..	..	..	..	1	13	..	5
	2013	*27	..	..	..	..	1	14	..	5
Oman	2010	199	..	420	45	..	..	..	..	218
	2011	232	..	542	52	..	..	..	..	285
	2012	198	..	585	53	..	..	..	..	296
	2013	174	..	366	47	..	..	..	..	212

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
Other Asia	2010	1,195	..	7,745	234	722	..	748	83	480
	2011	1,120	..	7,085	219	649	..	598	75	862
	2012	1,111	..	8,063	220	648	..	641	75	704
	2013	1,204	..	7,639	165	621	..	649	70	591
Pakistan	2010	104	..	814	199	214	31	..	..	54
	2011	104	..	724	200	214	11	..	..	26
	2012	*159	..	*736	*204	*155	*11	..	..	*26
	2013	164	..	760	211	160	*12	..	..	94
Philippines	2010	..	..	171	..	..	..	..	..	498
	2011	..	..	158	..	..	..	..	..	493
	2012	..	..	135	..	..	..	..	..	407
	2013	..	..	238	..	..	..	..	..	290
Qatar	2010	66	..	3,855	..	..	..	..	..	993
	2011	62	..	4,006	..	..	..	..	..	221
	2012	65	..	3,923	..	..	..	..	..	1,264
	2013	60	..	3,725	..	..	..	..	..	781
Saudi Arabia	2010	2,529	..	8,434	..	2,082	..	..	..	793
	2011	2,520	..	7,308	..	2,666	..	..	..	358
	2012	2,351	..	7,551	..	2,146	..	..	..	663
	2013	2,536	..	6,900	..	2,448	..	..	..	674
Singapore	2010	2,791	..	2,026	2,447	1,883	25	60	223	647
	2011	3,017	..	1,634	2,649	1,891	30	42	236	598
	2012	2,984	..	2,437	3,137	2,141	32	45	236	869
	2013	2,999	..	1,627	2,885	2,223	24	*45	218	590
Sri Lanka	2010	14	..	84	..	35	..	..	3	..
	2011	16	..	80	..	46	..	..	4	..
	2012	14	..	71	..	27	..	..	4	..
	2013	13	..	87	..	5	..	..	3	..
Syrian Arab Republic	2010	156	..	967	43	537	..	..	..	27
	2011	153	..	948	42	526	..	..	..	26
	2012	109	..	673	30	373	..	..	..	18
	2013	71	..	445	20	247	..	..	..	13
Tajikistan	2010	..	..	*1	..	4	..	..	..	..
	2011	..	..	*9	..	4	..	..	..	..
	2012	..	..	*10	..	2	..	..	..	..
	2013	..	..	*3	..	*2	..	..	..	..
Thailand	2010	..	..	..	..	1,238	..	..	..	0
	2011	..	..	..	..	1,136	..	..	..	0
	2012	..	..	..	..	1,207	..	..	..	0
	2013	..	..	..	..	1,198	..	..	..	2,702
Turkey	2010	921	..	604	263	2,496	17	..	195	182
	2011	847	..	302	392	2,714	18	..	207	204
	2012	872	..	308	266	2,810	26	..	474	492
	2013	854	..	148	152	2,925	12	..	301	274
Turkmenistan	2010	180	..	..	..	..	..	..	..	340
	2011	150	..	..	..	..	..	..	..	350
	2012	140	..	..	..	..	..	..	..	320
	2013	126	..	..	..	..	..	..	..	360
United Arab Emirates	2010	196	..	*4,056	..	..	..	..	..	524
	2011	213	..	*4,439	..	..	..	..	..	658
	2012	211	..	*4,391	..	..	..	..	..	670
	2013	217	..	*4,640	..	..	..	..	..	652

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
Uzbekistan	2010	121	..	..	125	69	1	25	7	220
	2011	114	..	..	118	65	1	24	7	207
	2012	102	..	..	105	58	1	21	6	185
	2013	97	..	..	99	55	1	20	6	175
Viet Nam	2010	..	..	..	..	..	..	..	..	193
	2011	..	..	..	..	..	..	..	..	195
	2012	..	..	..	..	..	..	..	..	215
	2013	..	..	..	..	..	..	..	..	..
Yemen	2010	..	..	92	..	98	..	..	..	..
	2011	..	..	225	..	24	..	..	..	..
	2012	..	..	327	..	13	..	..	..	..
	2013	..	..	732	..	24	..	..	..	..
Europe	2010	35,519	37	56,186	11,451	26,663	1,124	11,014	1,053	27,633
	2011	35,779	41	57,202	11,228	26,703	1,196	11,714	1,128	24,177
	2012	35,363	23	57,397	10,570	24,227	1,012	12,713	1,062	24,786
	2013	34,445	35	58,206	10,425	24,389	1,122	13,653	877	22,131
Albania	2010	4	..	4	..	64	..	16	..	44
	2011	10	..	19	..	26	..	62	..	86
	2012	5	..	4	..	25	..	15	..	42
	2013	*5	..	1	..	29	..	0	..	10
Austria	2010	392	..	892	96	292	..	62	70	59
	2011	381	..	844	72	376	..	62	65	23
	2012	311	..	1,009	2	366	..	70	0	32
	2013	311	..	1,011	2	314	..	73	0	57
Belarus	2010	296	..	..	..	513	..	..	..	529
	2011	481	..	..	..	479	..	..	..	1,509
	2012	693	..	..	..	563	..	..	..	889
	2013	725	..	..	..	548	..	..	..	591
Belgium	2010	832	..	1,975	9	1,294	..	335	..	5,440
	2011	762	..	1,840	0	1,187	..	242	..	5,679
	2012	820	..	1,890	8	1,100	..	330	..	5,991
	2013	733	..	2,314	4	949	..	311	..	5,508
Bosnia and Herzegovina	2010	..	..	43	134	141	..	..	..	58
	2011	..	..	24	174	153	..	..	..	89
	2012	..	..	19	136	145	..	..	..	37
	2013	..	..	5	78	136	..	..	..	21
Bulgaria	2010	204	..	322	..	173	..	76	3	43
	2011	187	..	276	..	169	..	81	2	33
	2012	198	..	303	..	188	..	78	3	14
	2013	222	..	275	..	107	..	89	6	1
Croatia	2010	162	..	66	13	66	..	101	..	213
	2011	267	..	90	9	50	..	65	..	46
	2012	294	..	59	12	26	..	85	..	55
	2013	175	..	30	14	36	..	60	..	40
Czech Republic	2010	155	..	860	172	523	9	..	0	1,117
	2011	145	..	773	159	459	13	..	1	1,002
	2012	158	..	794	90	477	11	..	0	1,015
	2013	134	..	737	100	477	9	..	0	925
Denmark	2010	263	..	41	..	..	..	..	..	..
	2011	288	..	0	..	..	..	..	..	..
	2012	301	..	0	..	..	..	..	..	..
	2013	297	..	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
Finland	2010	450	..	200	255	254	..	126	175	122
	2011	442	..	281	295	261	..	137	193	134
	2012	428	..	250	284	190	..	126	152	135
	2013	410	..	284	316	261	..	139	161	142
France	2010	2,098	20	5,042	1,383	2,461	177	747	107	1,222
	2011	2,116	24	5,259	1,526	2,516	206	717	106	1,210
	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
Germany	2010	3,833	..	8,018	2,511	3,402	123	2,013	30	1,809
	2011	3,884	..	7,750	2,431	3,869	127	1,763	26	1,626
	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
Greece	2010	593	..	1,010	219	494	..	201	..	308
	2011	506	..	597	232	321	..	188	..	333
	2012	590	..	1,266	221	253	..	264	2	1,354
	2013	532	..	913	237	436	..	435	..	702
Hungary	2010	193	..	1,045	115	552	53	309	25	708
	2011	199	..	1,080	118	591	34	355	21	680
	2012	179	..	1,004	130	410	33	340	85	643
	2013	177	..	904	110	402	37	353	91	705
Ireland	2010	88	..	25	..	..	..	..	..	..
	2011	54	..	17	..	..	..	..	..	..
	2012	60	..	12	..	..	..	..	..	..
	2013	58	..	27	..	..	..	..	..	..
Italy	2010	3,100	..	3,582	1,222	4,114	90	1,568	10	5,148
	2011	3,077	..	3,803	1,283	3,305	86	1,733	5	3,094
	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
Lithuania	2010	310	..	..	36	127	..	118	..	74
	2011	295	..	..	40	132	..	119	..	77
	2012	294	..	..	43	110	..	105	..	73
	2013	327	..	..	43	126	..	114	..	81
Netherlands	2010	1,844	..	7,539	916	183	272	..	107	1,007
	2011	1,956	..	8,215	636	247	345	..	111	1,225
	2012	2,063	..	7,720	583	315	276	..	103	1,190
	2013	1,755	..	7,646	489	452	329	..	51	1,277
Norway	2010	383	..	1,539	..	..	..	162	..	..
	2011	365	..	1,500	..	..	..	483	..	..
	2012	363	..	1,914	..	..	..	155	..	..
	2013	438	..	1,837	..	..	..	212	..	..
Poland	2010	902	..	1,363	370	1,567	68	..	161	466
	2011	955	..	1,332	408	1,788	76	..	176	759
	2012	1,032	..	1,542	455	1,550	78	..	168	876
	2013	922	..	1,491	465	1,314	69	..	97	971
Portugal	2010	30	..	1,081	123	260	11	..	29	695
	2011	15	..	961	135	202	15	..	14	383
	2012	19	..	1,218	135	163	14	..	17	499
	2013	24	..	960	102	115	8	..	13	1,325
Republic of Moldova	2010	..	..	..	5	..	..	..	..	0
	2011	..	..	..	5	..	..	..	..	0
	2012	..	..	..	2	..	..	..	..	1
	2013	..	..	..	1	..	..	..	..	1

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
Romania	2010	826	..	397	..	78	..	695	60	625
	2011	783	..	269	..	54	..	749	86	271
	2012	700	..	263	..	45	..	695	106	118
	2013	712	..	221	..	46	..	672	79	131
Russian Federation	2010	12,022	..	18,089	2,723	4,778	252	1,039	45	..
	2011	12,224	..	19,366	2,630	5,422	253	1,052	51	..
	2012	12,661	..	19,978	2,582	6,054	216	1,268	49	..
	2013	12,849	..	21,477	2,628	6,193	242	2,105	50	..
Serbia	2010	64	..	134	6	155	..	33	..	237
	2011	48	..	150	7	179	..	28	..	122
	2012	37	..	127	8	172	..	25	..	170
	2013	47	..	439	11	240	..	18	..	172
Slovakia	2010	370	17	527	..	14	..	47	2	294
	2011	422	17	531	..	11	..	57	0	328
	2012	321	16	371	..	5	..	55	0	243
	2013	452	17	470	..	0	..	56	0	281
Spain	2010	1,782	..	519	237	2,617	44	1,150	163	4,094
	2011	1,926	..	464	194	2,434	41	1,543	206	2,651
	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
Sweden	2010	571	..	277	375	792	..	47	..	1,598
	2011	530	..	248	342	672	..	45	..	1,276
	2012	623	..	240	435	702	..	65	..	1,250
	2013	499	..	201	436	790	..	52	..	1,282
Switzerland	2010	227	..	0	..	..	..	63	..	24
	2011	217	..	20	..	..	..	53	..	36
	2012	168	..	20	..	..	..	56	..	17
	2013	227	..	20	..	..	..	53	..	38
Ukraine	2010	545	..	..	119	473	14	..	..	153
	2011	438	..	..	102	324	..	..	..	93
	2012	269	..	..	101	178	..	..	..	20
	2013	288	..	..	160	123	..	..	..	155
United Kingdom	2010	2,980	..	1,596	412	1,276	11	2,106	66	1,546
	2011	2,806	..	1,493	430	1,476	0	2,180	65	1,412
	2012	2,655	..	1,488	457	1,222	0	2,072	72	1,265
	2013	2,467	..	1,525	377	777	0	1,773	106	959
Oceania	2010	978	..	432	63	688	3	492	69	144
	2011	1,089	..	384	54	611	1	588	71	448
	2012	1,086	..	415	76	591	0	521	70	79
	2013	1,039	..	469	80	350	0	542	77	243
Australia	2010	709	..	160	63	540	3	492	69	66
	2011	795	..	157	54	495	1	588	71	381
	2012	798	..	159	76	474	0	521	70	11
	2013	748	..	94	80	253	0	542	77	189
New Zealand	2010	269	..	..	..	148	..	..	..	78
	2011	294	..	..	..	116	..	..	..	67
	2012	288	..	..	..	117	..	..	..	68
	2013	291	..	..	..	97	..	..	..	54
Papua New Guinea	2010	..	..	272	..	..	..	..	..	..
	2011	..	..	227	..	..	..	..	..	..
	2012	..	..	256	..	..	..	..	..	..
	2013	..	..	375	..	..	..	..	..	..

Table 24**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.

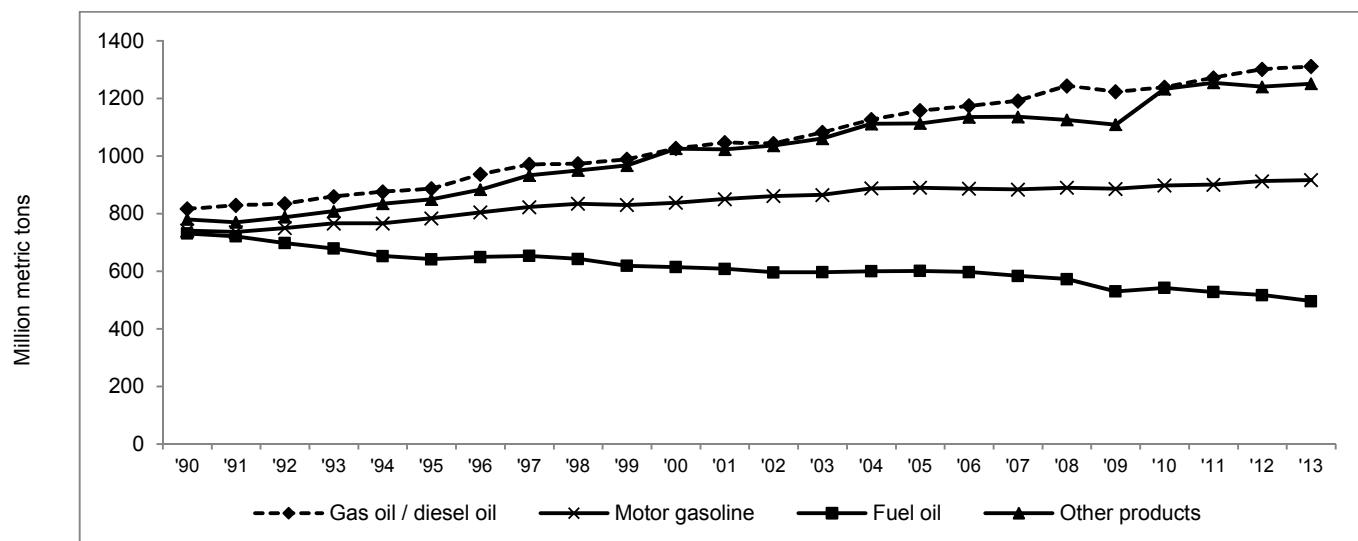
Figure 64: Production of selected oil products from refineries, 1990-2013

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	2010	3,911,996	1,238,790	897,933	542,466	233,041	233,521	142,562	117,124	85,816	420,744
	2011	3,954,049	1,271,570	900,573	527,575	233,853	239,573	143,642	118,405	85,119	433,738
	2012	3,971,543	1,301,623	912,720	517,000	234,456	241,955	124,076	117,252	88,215	434,247
	2013	3,974,628	1,310,806	916,700	496,271	240,327	247,103	121,435	111,376	87,768	442,842
Africa	2010	118,665	36,054	16,811	30,482	13,934	8,749	2,639	2,321	2,224	5,452
	2011	108,378	32,401	17,804	27,361	11,250	7,699	2,262	2,141	1,989	5,472
	2012	109,396	33,257	17,613	27,967	11,578	7,959	2,341	2,167	1,829	4,685
	2013	107,890	33,778	17,248	24,698	11,649	9,121	2,323	2,245	1,624	5,205
Algeria	2010	26,402	7,806	2,667	5,749	7,440	1,409	315	569	0	447
	2011	25,320	7,573	2,568	5,848	6,939	1,209	304	517	0	362
	2012	23,007	6,867	2,273	5,115	6,432	1,204	273	470	0	373
	2013	23,975	7,042	2,300	5,358	6,336	1,713	293	597	0	336
Angola	2010	1,864	500	56	680	169	303	87	32	0	37
	2011	1,906	518	63	727	166	268	59	30	73	2
	2012	1,963	527	73	737	156	303	62	24	76	5
	2013	2,187	564	69	815	205	339	68	35	89	3
Cameroon	2010	2,057	740	383	329	..	332	76	20	..	177
	2011	2,142	770	399	343	..	346	79	21	..	184
	2012	2,240	805	417	359	..	362	83	22	..	192
	2013	2,365	850	440	379	..	382	88	23	..	203
Congo	2010	655	223	98	227	0	47	..	12	34	14
	2011	575	195	94	197	7	39	..	7	22	14
	2012	833	283	136	285	10	57	..	10	32	20
	2013	871	296	142	298	10	60	..	10	34	21
Côte d'Ivoire	2010	3,067	983	491	521	..	672	23	19	68	290
	2011	2,249	712	390	328	..	579	19	12	45	164
	2012	3,224	1,057	559	543	..	792	27	1	59	186
	2013	3,576	1,172	620	602	..	878	30	1	65	208
Egypt	2010	29,379	8,385	4,089	8,851	3,265	1,908	144	522	431	1,784
	2011	28,502	7,497	4,476	8,902	2,843	1,519	121	505	285	2,354
	2012	27,790	7,116	4,201	9,180	2,706	1,505	133	515	296	2,138
	2013	24,010	5,842	2,839	*7,858	2,634	1,629	*133	560	86	2,429
Gabon	2010	936	298	96	420	..	65	..	15	29	13
	2011	933	297	96	418	..	65	..	15	29	13
	2012	986	314	101	441	..	69	..	16	31	14
	2013	1,044	332	107	467	..	73	..	17	33	15
Ghana	2010	975	293	338	97	..	117	29	32	71	..
	2011	1,000	310	344	91	..	116	42	45	53	..
	2012	474	122	158	79	..	48	20	27	21	..
	2013	424	113	167	44	..	60	0	26	15	..
Kenya	2010	1,473	347	181	450	..	200	78	59	149	9
	2011	1,689	429	178	520	..	275	68	28	118	73
	2012	968	239	117	300	..	157	38	17	67	33
	2013	597	155	76	184	..	106	31	12	33	0
Libya	2010	16,147	4,278	585	6,315	2,457	1,428	330	190	391	173
	2011	5,423	1,522	569	1,668	649	656	111	81	131	36
	2012	8,042	2,251	615	2,582	1,348	742	164	93	194	53
	2013	7,168	2,775	640	751	1,533	985	146	118	173	47
Morocco	2010	5,754	2,256	328	1,586	538	410	*234	22	..	380
	2011	6,979	2,403	415	2,441	448	553	*262	38	..	419
	2012	7,049	2,481	407	2,118	493	877	*280	115	..	278
	2013	6,862	2,240	369	2,185	482	1,060	185	96	..	245

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
Niger	2010	0	0	0	..	..	..	..	0	..	..
	2011	57	36	18	..	..	..	..	3	..	..
	2012	560	328	195	..	..	..	..	37	..	..
	2013	784	481	253	..	..	..	..	50	..	..
Nigeria	2010	4,885	1,027	748	1,276	..	67	112	84	584	987
	2011	5,868	1,085	1,277	1,691	..	77	111	129	674	824
	2012	4,673	1,030	1,135	1,287	..	62	125	104	544	386
	2013	5,047	1,064	1,189	1,348	..	65	125	109	570	577
Senegal	2010	572	289	87	131	13	37	9	3	3	..
	2011	714	329	99	175	31	63	12	2	3	..
	2012	768	412	75	205	53	8	13	1	1	..
	2013	764	451	29	171	85	12	15	1	0	..
South Africa	2010	18,786	6,283	5,321	3,002	..	1,549	1,162	331	413	725
	2011	19,440	6,418	5,589	3,060	..	1,771	1,040	375	463	724
	2012	20,569	6,756	5,963	3,644	..	1,622	1,090	354	430	710
	2013	22,254	7,834	6,914	3,355	..	1,649	1,176	262	424	640
Sudan	2010	..	..	..	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..	..	..	..
	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
Sudan (former)	2010	4,868	1,936	1,239	675	20	174	25	394	4	401
	2011	4,326	1,752	1,150	629	18	134	22	312	24	285
	2012	..	..	..	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..	..	..	..
Tunisia	2010	257	83	19	94	32	..	2	8	16	3
	2011	712	254	0	251	149	..	0	12	40	6
	2012	1,728	661	0	612	372	..	0	31	37	15
	2013	1,640	646	0	551	346	..	0	30	52	15
Zambia	2010	588	327	85	79	..	31	13	9	31	13
	2011	543	302	78	72	..	29	12	9	29	12
	2012	616	343	89	82	..	33	13	10	33	13
	2013	589	328	85	79	..	31	13	9	31	13
America, North	2010	1,008,904	264,720	389,762	67,805	16,887	76,164	42,228	24,632	1,579	125,127
	2011	1,018,663	277,084	388,502	63,727	16,957	76,932	42,382	23,028	1,395	128,655
	2012	974,312	278,121	380,067	59,798	15,895	76,931	22,527	21,975	1,122	117,876
	2013	988,277	286,522	386,756	58,386	17,475	78,315	23,183	12,783	1,301	123,556
Aruba	2010	*10,067	..	..	..	..	..	..	..	..	*10,067
	2011	*10,050	..	..	..	..	..	..	..	..	*10,050
	2012	*2,440	..	..	..	..	..	..	..	..	*2,440
	2013	0	..	..	..	..	..	..	..	..	0
Canada	2010	97,482	31,514	30,667	6,719	4,015	3,930	5,227	1,845	607	12,958
	2011	93,904	30,809	28,587	6,630	3,366	3,286	4,693	1,727	489	14,317
	2012	94,928	31,961	29,390	7,292	3,505	3,805	4,029	1,534	495	12,917
	2013	92,807	31,126	28,795	6,774	3,062	3,796	3,945	1,428	607	13,274
Costa Rica	2010	503	145	109	202	..	39	..	4	2	2
	2011	150	52	31	61	..	0	..	1	2	2
	2012	0	0	0	0	..	0	..	0	0	0
	2013	0	0	0	0	..	0	..	0	0	0
Cuba	2010	5,003	1,224	568	2,436	214	329	31	59	0	142
	2011	4,871	1,221	503	2,322	247	354	34	50	4	136
	2012	5,107	1,319	415	2,520	349	284	18	42	31	129
	2013	4,961	*1,238	*409	2,480	*340	*275	17	*43	*30	*129

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
Curaçao	2010	..	..	..	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..	..	..	..
	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
Dominican Republic	2010	1,335	393	269	398	..	224	15	28	9	..
	2011	1,261	350	242	391	..	234	14	21	10	..
	2012	1,163	345	231	333	..	219	13	14	9	..
	2013	1,295	373	265	392	..	228	14	13	10	..
El Salvador	2010	808	132	100	466	..	53	13	13	2	29
	2011	743	156	92	379	..	54	13	12	2	35
	2012	528	111	73	295	..	35	8	6	1	0
	2013	0	0	0	0	..	0	0	0	0	0
Guatemala	2010	70	23	..	..	..	..	..	..	0	47
	2011	81	32	..	..	..	..	..	..	1	48
	2012	71	31	..	..	..	..	..	..	1	39
	2013	59	31	..	..	..	..	..	..	0	27
Jamaica	2010	1,152	197	123	715	0	99	..	7	2	10
	2011	1,215	216	144	729	0	*91	..	11	*2	23
	2012	1,185	225	133	695	0	*95	..	9	*6	22
	2013	1,139	193	124	702	0	*97	..	6	*1	16
Martinique	2010	*861	*198	*139	*388	..	..	..	*19	*116	..
	2011	*909	*209	*147	*410	..	..	..	*21	*123	..
	2012	*924	*213	*149	*417	..	..	..	*21	*125	..
	2013	*924	*213	*149	*417	..	..	..	*21	*125	..
Mexico	2010	66,005	17,782	17,632	18,328	3,047	2,366	2,781	800	..	3,269
	2011	65,503	17,768	16,725	17,486	3,642	2,568	3,214	672	..	3,428
	2012	65,931	18,853	17,520	15,593	2,913	2,590	3,494	793	..	4,175
	2013	69,691	20,906	18,262	15,287	3,427	2,774	3,632	788	..	4,615
Neth. Antilles (former)	2010	4,453	924	772	1,518	152	327	97	25	..	638
	2011	8,718	1,810	1,511	2,974	298	641	188	49	..	1,247
	2012	..	..	..	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..	..	..	..
Nicaragua	2010	768	217	96	372	..	22	12	15	6	28
	2011	780	233	97	355	..	30	10	17	5	33
	2012	518	156	68	234	..	20	8	9	5	18
	2013	682	209	97	301	..	28	12	11	5	19
Trinidad and Tobago	2010	6,187	1,442	1,237	2,210	26	556	260	80	29	347
	2011	6,855	1,381	1,007	2,461	40	655	234	40	30	1,007
	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
United States	2010	814,209	210,529	338,051	34,054	9,433	68,219	33,792	21,736	805	97,590
	2011	823,622	222,846	339,417	29,529	9,364	69,019	33,982	20,408	728	98,329
	2012	787,482	222,101	329,947	27,022	8,818	68,819	14,542	19,483	420	96,330
	2013	801,062	229,252	335,864	25,344	10,241	69,903	15,206	10,344	491	104,417
America, South	2010	227,553	72,791	43,654	44,542	10,346	11,448	8,377	6,836	464	29,096
	2011	230,726	77,828	42,430	46,705	9,291	12,134	7,646	6,728	444	27,520
	2012	236,428	77,021	46,543	46,171	9,077	12,363	8,372	7,462	501	28,917
	2013	233,085	76,065	47,155	45,564	7,000	11,471	9,607	6,869	549	28,805
Argentina	2010	29,324	10,147	4,560	3,653	2,580	1,316	699	754	44	5,571
	2011	29,192	10,024	5,043	3,351	2,510	1,276	762	784	36	5,406
	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

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
Bolivia (Plur. State of)	2010	2,025	542	636	391	1	137	79	83	16	140
	2011	2,115	574	629	416	0	151	85	86	16	158
	2012	2,451	616	686	332	0	136	100	85	15	481
	2013	2,416	697	783	376	0	167	101	90	14	188
Brazil	2010	94,100	36,004	15,921	14,115	5,295	3,843	4,854	4,144	20	9,904
	2011	96,038	37,383	17,397	13,289	4,594	4,413	4,151	4,280	25	10,506
	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
Chile	2010	8,668	2,920	2,028	1,401	72	593	223	394	58	979
	2011	8,892	3,168	2,194	1,238	59	570	252	350	78	983
	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
Colombia	2010	13,876	3,501	3,069	3,871	306	1,089	598	562	182	698
	2011	14,898	4,867	*2,250	3,923	314	1,313	843	*591	196	*601
	2012	15,574	4,806	2,854	4,093	*314	1,339	835	*613	216	*504
	2013	14,910	4,578	3,158	4,333	294	1,108	285	552	236	366
Ecuador	2010	7,249	1,636	1,119	3,302	..	340	..	172	4	676
	2011	8,614	1,885	1,398	4,191	..	348	..	143	5	644
	2012	8,461	1,768	1,376	4,031	..	348	..	166	5	767
	2013	7,848	1,584	1,214	3,803	..	371	..	144	5	727
Peru	2010	11,626	4,701	3,101	2,429	..	605	178	204	67	341
	2011	9,480	3,939	1,763	2,414	..	597	177	187	66	337
	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
Suriname	2010	849	56	..	779	..	..	..	..	..	14
	2011	911	55	..	843	..	..	..	..	..	13
	2012	931	53	..	865	..	..	..	..	..	13
	2013	1,000	58	..	929	..	..	..	..	..	13
Uruguay	2010	1,893	707	430	462	..	74	75	71	8	68
	2011	1,302	434	342	307	..	50	57	57	8	47
	2012	1,923	741	465	414	..	72	74	76	9	72
	2013	2,072	812	524	373	..	72	99	91	7	94
Venezuela (Bolivar. Rep.)	2010	57,943	12,577	12,790	14,139	2,092	3,451	1,671	452	65	10,706
	2011	59,283	15,499	11,414	16,733	*1,814	3,415	1,319	250	14	8,825
	2012	56,403	12,527	12,668	15,828	*1,400	3,309	1,629	244	68	8,730
	2013	49,993	10,468	10,119	13,877	*950	2,545	2,735	251	67	8,981
Asia	2010	1,574,973	510,952	259,331	226,897	135,257	85,966	52,822	50,897	72,217	180,633
	2011	1,618,102	530,422	266,880	220,909	138,769	88,850	54,484	53,069	70,586	194,132
	2012	1,679,117	559,755	284,764	216,240	140,095	92,577	54,388	52,004	72,256	207,039
	2013	1,691,012	564,867	288,262	208,336	145,528	95,856	50,839	54,245	71,727	211,352
Azerbaijan	2010	6,318	2,488	1,249	231	239	600	262	240	0	1,008
	2011	6,200	2,483	1,296	254	219	621	245	250	0	832
	2012	6,056	2,369	1,297	286	149	626	263	215	0	851
	2013	6,375	2,495	1,407	285	125	703	276	263	0	821
Bahrain	2010	13,258	4,275	806	2,312	1,681	3,090	266	134	42	652
	2011	12,857	3,806	732	2,706	1,574	3,026	258	124	25	606
	2012	13,505	4,092	661	2,429	1,708	3,083	266	121	25	1,120
	2013	13,190	3,783	594	2,504	1,792	3,327	133	103	28	926
Bangladesh	2010	1,272	372	56	341	145	3	13	12	242	88
	2011	1,344	378	56	367	133	2	14	13	283	98
	2012	1,193	375	63	275	113	4	13	13	226	111
	2013	1,347	386	69	323	139	0	14	14	286	116

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
Brunei Darussalam	2010	615	169	197	91	..	104	50	..	4	..
	2011	573	164	168	98	..	102	38	..	3	..
	2012	418	114	146	66	..	47	38	..	7	..
	2013	485	138	167	80	..	65	28	..	7	..
China	2010	440,534	149,244	73,551	24,870	32,007	554	14,407	20,923	19,244	105,736
	2011	468,311	156,897	80,596	22,818	34,266	583	15,482	22,408	19,224	116,037
	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
Georgia	2010	0	..	0	..	..	..	..	..	0	0
	2011	0	..	0	..	..	..	..	..	0	0
	2012	7	..	4	..	..	..	..	..	3	0
	2013	0	..	0	..	..	..	..	..	0	0
India	2010	205,839	78,631	26,138	20,519	17,535	9,570	15,872	5,371	7,702	24,501
	2011	214,526	82,864	27,186	19,456	17,135	10,051	15,422	7,333	7,789	27,290
	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
Indonesia	2010	40,668	13,338	8,350	9,757	1,731	1,792	623	658	2,478	1,941
	2011	45,130	15,842	9,326	8,833	3,423	2,153	661	705	1,857	*2,330
	2012	44,942	16,774	9,506	8,472	2,795	2,403	636	662	1,396	*2,298
	2013	46,517	19,532	8,418	8,501	3,174	2,538	644	564	1,233	1,913
Iran (Islamic Rep. of)	2010	101,719	33,197	16,326	27,885	3,967	1,621	1,503	6,161	5,629	5,430
	2011	104,504	34,557	17,274	28,103	4,570	1,412	1,439	6,216	5,407	5,527
	2012	107,465	34,256	19,853	29,169	4,260	1,443	1,663	4,901	5,689	6,232
	2013	96,671	31,032	16,358	28,304	4,906	1,192	1,806	2,490	4,616	5,968
Iraq	2010	25,684	5,213	2,472	13,458	774	295	613	278	2,100	481
	2011	27,300	6,365	2,739	13,985	498	308	205	283	2,258	659
	2012	28,568	6,260	3,094	15,187	470	133	205	219	2,212	788
	2013	29,330	6,478	3,089	15,628	472	133	209	265	2,059	997
Israel	2010	12,506	3,775	2,727	2,521	439	761	..	565	590	1,128
	2011	12,032	3,562	2,702	2,481	695	813	..	569	527	683
	2012	11,720	3,915	2,809	1,813	484	786	..	498	367	1,048
	2013	13,604	4,915	2,962	2,386	662	902	..	591	421	765
Japan	2010	178,127	49,971	43,005	21,169	14,674	10,984	7,566	4,320	15,993	10,445
	2011	169,014	46,080	40,102	22,397	13,822	10,037	7,264	3,934	15,615	9,763
	2012	168,465	45,381	39,105	24,261	13,916	10,404	7,239	4,014	14,779	9,366
	2013	171,380	48,557	40,132	20,201	15,023	12,063	7,231	4,509	14,404	9,260
Jordan	2010	3,375	908	697	1,054	..	351	23	87	85	170
	2011	3,197	1,034	675	847	..	338	33	86	58	127
	2012	3,514	1,114	710	975	..	366	32	105	96	*117
	2013	3,122	972	653	902	..	328	33	77	34	124
Kazakhstan	2010	13,170	4,613	2,926	3,806	..	267	118	852	224	364
	2011	13,627	4,774	2,775	4,277	..	210	134	811	177	469
	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
Korea, Dem.Ppl's.Rep.	2010	510	189	177	108	..	..	..	..	36	..
	2011	508	188	176	108	..	..	..	..	36	..
	2012	508	188	176	108	..	..	..	..	36	..
	2013	517	191	179	110	..	..	..	..	37	..
Korea, Republic of	2010	119,614	36,441	12,083	19,002	20,167	13,639	2,396	2,973	4,931	7,982
	2011	127,495	39,604	13,673	18,496	22,953	14,902	2,686	1,579	4,632	8,970
	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

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
Kuwait	2010	42,733	10,807	2,244	10,880	8,693	2,567	412	124	5,981	1,025
	2011	40,974	10,872	2,206	9,766	8,123	2,538	393	139	5,912	1,025
	2012	42,128	11,563	2,202	10,825	6,043	2,748	423	139	6,401	1,784
	2013	41,381	10,532	2,420	10,207	8,219	2,495	402	129	6,287	690
Kyrgyzstan	2010	97	38	15	44	..	..	..	..	..	..
	2011	90	28	16	46	..	..	..	..	..	..
	2012	81	31	11	39	..	..	..	..	..	..
	2013	77	27	9	41	..	..	..	..	..	..
Malaysia	2010	21,424	8,599	4,171	*330	3,936	2,802	192	*589	468	337
	2011	23,040	8,788	3,425	576	3,898	3,348	1,633	611	406	355
	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
Myanmar	2010	773	238	361	64	..	42	34	9	2	24
	2011	789	195	428	71	..	42	30	3	1	19
	2012	648	165	330	65	..	33	27	8	1	19
	2013	509	150	230	55	..	21	*27	6	0	19
Oman	2010	7,847	1,490	1,903	2,698	420	590	199	280	4	263
	2011	9,929	2,147	2,727	2,933	542	632	232	375	4	337
	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
Other Asia	2010	44,598	11,651	7,766	8,699	7,745	3,822	1,195	1,453	..	2,267
	2011	41,883	12,458	6,110	8,287	7,085	3,373	1,120	1,047	..	2,403
	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
Pakistan	2010	9,502	3,288	1,237	2,435	814	824	104	178	122	499
	2011	8,936	3,252	1,227	2,174	724	703	104	169	132	451
	2012	*10,340	*3,902	*1,514	*2,653	*736	*663	*159	*156	*161	*396
	2013	10,881	4,031	1,564	2,741	760	*766	164	212	166	477
Philippines	2010	8,423	3,175	1,344	1,949	171	786	..	361	140	498
	2011	8,909	3,486	1,508	1,994	158	783	..	386	100	493
	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
Qatar	2010	13,575	2,878	1,910	305	3,855	3,199	66	369	..	993
	2011	12,912	2,616	1,859	224	4,006	3,581	62	343	..	221
	2012	13,478	2,205	1,956	321	3,923	3,387	65	357	..	1,264
	2013	12,639	2,190	1,600	384	3,725	3,534	60	365	..	781
Saudi Arabia	2010	93,806	30,993	16,070	24,411	8,434	2,773	2,529	1,054	4,667	2,875
	2011	91,974	30,750	16,715	22,849	7,308	2,898	2,520	1,032	4,878	3,024
	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
Singapore	2010	49,945	12,903	*10,862	6,871	2,026	8,313	2,791	215	679	5,285
	2011	51,732	13,606	*10,127	7,468	1,634	9,441	3,017	275	718	5,446
	2012	52,611	14,245	*10,224	5,431	2,437	9,744	2,984	368	718	6,460
	2013	48,761	12,220	10,118	5,234	1,627	9,972	2,999	299	307	5,985
Sri Lanka	2010	1,664	442	158	686	84	126	14	23	93	38
	2011	1,740	501	206	615	80	155	16	24	93	50
	2012	1,495	394	152	648	71	93	14	17	75	31
	2013	1,569	390	144	724	87	125	13	22	57	8
Syrian Arab Republic	2010	11,721	3,698	974	4,838	967	354	156	123	4	607
	2011	11,546	3,624	1,014	4,741	948	347	153	121	4	594
	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

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
Tajikistan	2010	21	3	1	12	*1	..	..	..	..	4
	2011	25	3	0	10	*9	..	..	..	..	4
	2012	27	3	1	11	*10	..	..	..	..	2
	2013	*21	*3	*1	*11	*3	..	..	..	..	*2
Thailand	2010	39,532	19,417	6,087	6,266	..	4,756	..	1,396	372	1,238
	2011	39,148	19,208	5,797	6,074	..	4,816	..	1,994	123	1,136
	2012	41,169	20,836	6,354	6,393	..	4,471	..	*1,847	61	1,207
	2013	45,359	21,955	6,474	5,557	..	5,007	..	1,923	543	3,900
Turkey	2010	19,907	5,317	3,828	2,780	604	2,613	921	652	39	3,153
	2011	22,170	7,044	4,272	2,492	302	2,879	847	739	60	3,535
	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
Turkmenistan	2010	8,650	2,790	2,090	2,200	..	530	180	340	180	340
	2011	8,330	2,520	2,130	2,230	..	480	150	320	150	350
	2012	7,935	2,470	2,010	2,160	..	415	140	280	140	320
	2013	7,911	2,540	2,220	1,760	..	455	126	310	140	360
United Arab Emirates	2010	24,600	5,508	2,834	3,053	*4,056	7,680	196	749	..	524
	2011	25,758	6,205	3,535	2,037	*4,439	7,894	213	777	..	658
	2012	25,437	5,478	3,750	1,935	*4,391	8,411	211	591	..	670
	2013	28,068	6,029	3,912	2,793	*4,640	8,919	217	906	..	652
Uzbekistan	2010	3,883	1,125	1,444	508	..	157	121	22	59	447
	2011	3,583	1,058	1,308	456	..	148	114	21	56	422
	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
Viet Nam	2010	5,701	2,671	2,329	148	..	39	..	321	..	193
	2011	5,771	2,701	2,355	150	..	39	..	331	..	195
	2012	6,382	2,977	2,596	165	..	43	..	386	..	215
	2013	6,072	3,195	2,348	62	..	57	..	410	..	..
Yemen	2010	3,363	1,096	944	597	92	363	..	66	107	98
	2011	2,244	762	438	490	225	195	..	52	58	24
	2012	1,240	343	128	207	327	125	..	60	37	13
	2013	2,937	862	182	645	732	326	..	70	96	24
Europe	2010	945,762	342,152	174,662	171,385	56,186	45,788	35,519	31,791	9,303	78,975
	2011	940,196	340,654	171,410	167,207	57,202	48,399	35,779	32,669	10,689	76,186
	2012	935,737	340,515	170,869	165,179	57,397	46,542	35,363	32,998	12,482	74,393
	2013	917,831	336,181	164,818	157,670	58,206	46,830	34,445	34,605	12,446	72,632
Albania	2010	157	22	..	4	4	..	4	..	..	124
	2011	297	85	..	9	19	..	10	..	..	173
	2012	111	20	..	0	4	..	5	..	..	82
	2013	44	0	..	0	1	..	*5	..	..	39
Austria	2010	7,986	3,306	1,436	815	892	476	392	87	3	579
	2011	8,816	3,924	1,531	822	844	615	381	101	0	598
	2012	8,801	3,804	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
Belarus	2010	16,220	5,956	3,158	5,104	..	0	296	413	251	1,042
	2011	20,187	7,440	3,135	6,407	..	0	481	462	274	1,988
	2012	21,375	7,539	3,729	7,284	..	0	693	532	146	1,452
	2013	20,880	7,687	3,683	6,615	..	361	725	568	102	1,139
Belgium	2010	35,094	12,535	4,795	5,543	1,975	1,775	832	517	44	7,078
	2011	32,782	11,497	3,782	5,689	1,840	1,498	762	570	36	7,108
	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

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
Bosnia and Herzegovina	2010	1,161	411	88	257	43	..	..	29	..	333
	2011	1,260	503	74	218	24	..	..	25	..	416
	2012	1,079	434	109	176	19	..	..	23	..	318
	2013	965	440	146	116	5	..	..	23	..	235
Bulgaria	2010	5,970	1,938	1,479	1,422	322	190	204	120	..	295
	2011	5,999	1,992	1,531	1,424	276	186	187	118	..	285
	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
Croatia	2010	4,231	1,307	1,094	869	66	94	162	246	..	393
	2011	3,591	1,131	871	731	90	117	267	214	..	170
	2012	3,707	1,287	990	563	59	97	294	239	..	178
	2013	3,357	1,242	928	514	30	109	175	209	..	150
Czech Republic	2010	8,174	3,277	1,463	239	860	144	155	215	..	1,821
	2011	7,417	3,011	1,330	195	773	134	145	195	..	1,634
	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
Denmark	2010	6,985	3,029	1,817	1,276	41	407	263	152	..	..
	2011	6,557	2,858	1,857	1,147	0	275	288	132	..	..
	2012	7,427	3,411	2,011	1,312	0	224	301	168	..	..
	2013	6,989	3,198	2,033	1,213	0	145	297	103	..	..
Finland	2010	13,911	6,377	3,887	1,209	200	610	450	246	..	932
	2011	14,794	6,505	4,070	1,294	281	795	442	387	..	1,020
	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
France	2010	71,374	28,977	13,349	9,196	5,042	4,399	2,098	2,100	96	6,117
	2011	71,630	29,481	12,806	9,024	5,259	4,761	2,116	1,877	1	6,305
	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
Germany	2010	101,450	43,310	20,940	7,942	8,018	4,876	3,833	2,637	6	9,888
	2011	99,740	42,429	20,497	7,754	7,750	4,967	3,884	2,612	5	9,842
	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
Greece	2010	22,197	6,791	4,407	5,878	1,010	1,602	593	682	12	1,222
	2011	19,253	5,659	3,950	5,053	597	1,845	506	559	10	1,074
	2012	23,766	7,692	4,592	5,111	1,266	1,784	590	631	6	2,094
	2013	24,033	8,084	4,205	5,447	913	2,371	532	671	0	1,810
Hungary	2010	8,475	3,873	1,184	111	1,045	231	193	76	..	1,762
	2011	8,234	3,563	1,130	150	1,080	239	199	74	..	1,799
	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	65	..	1,698
Ireland	2010	2,880	1,070	463	969	25	..	88	56	209	..
	2011	2,918	1,086	506	1,071	17	..	54	67	117	..
	2012	3,019	1,275	501	967	12	..	60	73	131	..
	2013	2,788	1,094	502	939	27	..	58	62	106	..
Italy	2010	90,131	36,664	18,855	10,548	3,582	3,223	3,100	1,871	136	12,152
	2011	85,642	35,631	18,742	9,180	3,803	3,068	3,077	2,072	563	9,506
	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
Lithuania	2010	9,196	2,908	2,675	1,741	..	848	310	359	..	355
	2011	9,376	3,107	2,694	1,760	..	829	295	323	..	368
	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

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
Netherlands	2010	58,334	21,254	7,368	9,800	7,539	6,330	1,844	1,426	288	2,485
	2011	57,212	20,449	6,550	8,481	8,215	7,063	1,956	1,544	390	2,564
	2012	56,877	20,219	6,987	8,696	7,720	6,589	2,063	1,551	585	2,467
	2013	55,236	20,051	6,310	8,495	7,646	6,467	1,755	1,507	407	2,598
Norway	2010	14,050	5,716	3,325	1,870	1,539	477	383	395	183	162
	2011	15,686	6,523	3,808	1,747	1,500	415	365	411	434	483
	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
Poland	2010	23,563	10,388	4,025	3,123	1,363	705	902	424	1	2,632
	2011	24,851	10,929	3,717	3,391	1,332	873	955	446	1	3,207
	2012	25,700	11,289	3,803	3,430	1,542	937	1,032	539	1	3,127
	2013	25,012	11,023	3,826	3,408	1,491	877	922	548	1	2,916
Portugal	2010	11,912	3,917	2,218	2,199	1,081	967	30	380	2	1,118
	2011	10,820	3,576	1,875	2,534	961	791	15	318	1	749
	2012	11,672	3,871	1,864	2,740	1,218	910	19	221	1	828
	2013	13,941	5,399	2,338	2,263	960	1,132	24	261	1	1,563
Republic of Moldova	2010	21	4	..	12	..	..	..	..	..	5
	2011	19	4	..	10	..	..	..	..	..	5
	2012	18	3	..	12	..	..	..	..	..	3
	2013	19	1	..	16	..	..	..	..	..	2
Romania	2010	10,968	3,835	2,823	764	397	281	826	570	14	1,458
	2011	10,445	3,743	2,886	722	269	274	783	582	26	1,160
	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
Russian Federation	2010	244,619	69,975	35,926	74,998	18,089	11,147	12,022	13,625	..	8,837
	2011	248,339	70,293	36,686	73,640	19,366	12,555	12,224	14,167	..	9,408
	2012	253,725	69,436	38,232	75,072	19,978	12,863	12,661	15,314	..	10,169
	2013	265,029	71,599	39,379	77,993	21,477	13,615	12,849	16,899	..	11,218
Serbia	2010	2,890	901	473	691	134	68	64	128	..	431
	2011	2,462	776	430	542	150	75	48	105	..	336
	2012	2,260	691	372	472	127	73	37	113	..	375
	2013	3,046	1,122	401	395	439	73	47	128	..	441
Slovakia	2010	6,087	2,706	1,255	692	527	45	370	117	1	374
	2011	6,662	3,056	1,411	638	531	58	422	131	2	413
	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
Spain	2010	57,644	22,900	8,013	8,334	519	848	1,782	1,456	5,487	8,305
	2011	56,649	23,644	7,471	7,927	464	257	1,926	1,439	6,452	7,069
	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
Sweden	2010	20,769	7,558	3,873	5,153	277	181	571	344	..	2,812
	2011	19,622	7,075	4,003	4,970	248	190	530	271	..	2,335
	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
Switzerland	2010	4,513	2,269	1,319	377	0	64	227	170	..	87
	2011	4,407	2,209	1,263	344	20	81	217	184	..	89
	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
T.F.Yug.Rep. Macedonia	2010	828	364	161	260	..	19	0	24	..	..
	2011	680	278	110	246	..	27	0	20	..	..
	2012	244	74	46	97	..	17	0	10	..	..
	2013	78	28	22	21	..	5	0	3	..	..

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
Ukraine	2010	11,103	3,781	2,875	2,464	..	..	545	679	..	759
	2011	9,353	2,713	2,837	2,181	..	..	438	665	..	519
	2012	4,968	1,411	1,636	790	..	..	269	563	..	299
	2013	4,060	1,120	1,056	658	..	..	288	500	..	438
United Kingdom	2010	72,868	24,834	19,918	7,525	1,596	5,781	2,980	2,247	2,570	5,417
	2011	74,496	25,484	19,857	7,907	1,493	6,411	2,806	2,598	2,377	5,563
	2012	70,888	24,712	19,226	7,164	1,488	5,775	2,655	2,512	2,268	5,088
	2013	64,861	22,936	17,900	6,483	1,525	4,527	2,467	2,326	2,705	3,992
Oceania	2010	36,140	12,121	13,713	1,355	432	5,405	978	647	30	1,459
	2011	37,985	13,181	13,547	1,666	384	5,559	1,089	770	16	1,773
	2012	36,553	12,953	12,864	1,644	415	5,583	1,086	646	25	1,337
	2013	36,533	13,393	12,460	1,618	469	5,509	1,039	630	122	1,292
Australia	2010	30,099	9,808	12,340	860	160	4,328	709	633	28	1,233
	2011	31,710	10,803	12,221	952	157	4,414	795	764	14	1,590
	2012	29,962	10,352	11,499	943	159	4,413	798	636	10	1,152
	2013	29,896	10,816	11,097	888	94	4,484	748	618	10	1,141
New Zealand	2010	5,151	1,911	1,373	380	..	990	269	..	2	226
	2011	5,370	1,923	1,326	594	..	1,048	294	..	2	183
	2012	5,577	2,139	1,352	562	..	1,051	288	..	0	185
	2013	5,342	2,052	1,336	553	..	959	291	..	0	151
Papua New Guinea	2010	890	402	0	115	272	87	..	14	0	..
	2011	905	455	0	120	227	97	..	6	0	..
	2012	1,014	462	13	139	256	119	..	10	15	..
	2013	1,295	525	27	177	375	66	..	12	112	..

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.

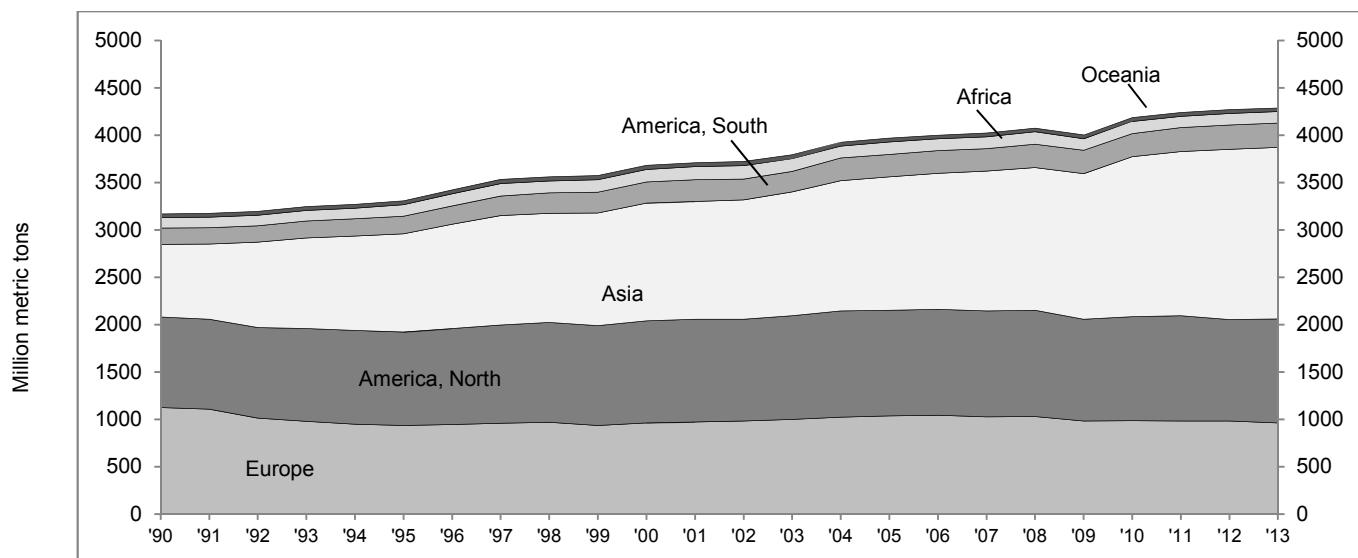
Figure 65: Production of oil products by region, 1990-2013

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
World	2010	4,184,627	1,152,330	1,156,305	357,498	4,641	3,818,514	551
	2011	4,239,651	1,192,583	1,190,667	366,250	3,057	3,872,261	552
	2012	4,268,037	1,198,931	1,207,828	349,459	5,638	3,904,043	550
	2013	4,286,765	1,252,719	1,238,786	355,936	1,175	3,943,586	549
Africa	2010	130,098	69,666	37,531	14,189	558	147,486	141
	2011	119,144	74,907	32,717	12,152	72	149,110	139
	2012	120,823	81,935	31,953	13,300	-517	158,021	144
	2013	118,596	93,462	35,311	12,650	1,088	163,009	145
Algeria	2010	34,241	991	20,053	775	48	14,356	398
	2011	33,013	2,115	19,522	712	-2	14,896	406
	2012	30,159	4,490	17,864	770	181	15,834	423
	2013	31,033	5,253	18,181	803	65	17,237	451
Angola	2010	2,399	3,173	672	376	21	4,503	212
	2011	2,472	3,459	783	367	19	4,762	217
	2012	2,531	4,818	950	320	62	6,017	265
	2013	2,856	4,603	1,395	270	26	5,768	246
Benin	2010	..	1,807	209	149	3	1,446	152
	2011	..	1,867	216	154	6	1,491	152
	2012	..	1,967	229	162	6	1,570	156
	2013	..	2,078	242	171	7	1,658	161
Botswana	2010	..	864	..	16	..	848	414
	2011	..	918	..	17	..	901	431
	2012	..	957	..	18	..	939	440
	2013	..	1,014	..	19	..	995	457
Burkina Faso	2010	..	*579	..	*35	0	*545	*35
	2011	..	667	..	*41	0	626	39
	2012	..	792	..	*43	0	749	45
	2013	..	958	..	*55	0	904	53
Burundi	2010	..	76	..	5	0	72	8
	2011	..	92	..	4	1	87	9
	2012	..	80	..	4	-2	78	8
	2013	..	95	..	4	2	89	9
Cabo Verde	2010	..	260	..	101	..	159	324
	2011	..	305	..	130	..	175	353
	2012	..	268	..	107	..	160	320
	2013	..	257	..	112	..	145	287
Cameroon	2010	2,057	270	773	108	-166	1,612	78
	2011	2,142	167	622	113	0	1,574	75
	2012	2,240	172	651	118	0	1,643	76
	2013	2,365	178	690	124	0	1,729	78
Central African Rep.	2010	..	*118	..	*31	..	*87	*20
	2011	..	*123	..	*31	..	*92	*20
	2012	..	*128	..	*33	..	*96	*21
	2013	..	*132	..	*33	..	*98	*21
Chad	2010	..	*100	..	*18	..	*82	*7
	2011	..	*105	..	*18	..	*87	*7
	2012	..	*105	..	*18	..	*87	*7
	2013	..	*105	..	*18	..	*87	*7
Comoros	2010	..	*50	..	*2	..	*47	*68
	2011	..	*59	..	*3	..	*56	*78
	2012	..	*58	..	*3	..	*55	*75
	2013	..	*63	..	*3	..	*60	*79

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	2010	655	197	235	60	2	555	136
	2011	575	278	197	56	-26	626	150
	2012	833	126	280	60	0	619	144
	2013	871	128	294	64	0	641	146
Côte d'Ivoire	2010	3,067	150	2,016	75	-47	1,173	58
	2011	2,249	109	1,335	66	-33	990	48
	2012	3,236	138	1,877	80	-48	1,465	69
	2013	3,589	144	2,108	87	-53	1,591	74
Dem. Rep. of the Congo	2010	..	750	..	147	..	603	9
	2011	..	911	..	145	..	766	11
	2012	..	956	..	151	..	805	11
	2013	..	1,037	..	164	..	873	12
Djibouti	2010	..	304	*23	103	*2	176	212
	2011	..	232	*22	99	*-51	161	191
	2012	..	*300	*21	*102	0	*177	*208
	2013	..	*310	*21	*107	0	*182	*211
Egypt	2010	30,753	8,103	3,359	3,043	-1,424	33,878	413
	2011	30,199	8,233	2,803	1,158	-123	34,594	413
	2012	30,464	9,343	2,491	1,171	-102	36,247	423
	2013	25,552	12,334	2,025	812	0	35,049	400
Equatorial Guinea	2010	..	*238	..	*35	..	*203	*279
	2011	..	*238	..	*35	..	*203	*270
	2012	..	*238	..	*35	..	*203	*262
	2013	..	*238	..	*35	..	*203	*255
Eritrea	2010	..	159	..	1	-4	162	35
	2011	..	166	..	1	0	165	34
	2012	..	176	..	1	0	175	36
	2013	..	178	..	1	0	177	35
Ethiopia	2010	..	2,186	..	272	10	1,904	22
	2011	..	2,326	..	272	-50	2,104	23
	2012	..	2,433	..	318	12	2,103	23
	2013	..	2,855	..	350	24	2,481	26
Gabon	2010	936	210	295	278	11	562	364
	2011	933	224	304	275	9	569	361
	2012	986	238	335	269	12	608	377
	2013	1,044	251	376	264	0	655	397
Gambia	2010	..	*156	*2	..	..	*154	*91
	2011	..	*143	*2	..	..	*141	*80
	2012	..	*155	*2	..	..	*153	*85
	2013	..	*161	*2	..	..	*159	*85
Ghana	2010	975	1,658	558	198	0	1,878	77
	2011	1,000	2,159	658	207	0	2,294	92
	2012	474	2,526	282	206	0	2,513	98
	2013	424	3,014	40	179	-44	3,263	125
Guinea	2010	..	883	..	*25	..	858	78
	2011	..	915	..	*25	..	890	79
	2012	..	868	..	*25	..	843	73
	2013	..	758	..	*25	..	734	61
Guinea-Bissau	2010	..	*110	..	*11	..	*99	*61
	2011	..	*112	..	*11	..	*101	*60
	2012	..	*114	..	*11	..	*103	*60
	2013	..	*117	..	*11	..	*106	*60

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
Kenya	2010	1,473	2,379	100	674	-180	3,258	81
	2011	1,689	2,646	93	698	0	3,544	86
	2012	968	3,087	44	684	8	3,319	78
	2013	597	3,421	17	592	0	3,408	78
Lesotho	2010	..	*233	..	..	..	*233	*116
	2011	..	*206	..	..	..	*206	*101
	2012	..	*213	..	..	..	*213	*104
	2013	..	*224	..	..	..	*224	*107
Liberia	2010	..	271	..	*18	..	253	64
	2011	..	303	..	*19	..	285	70
	2012	..	342	..	*21	..	321	77
	2013	..	309	..	*21	..	288	67
Libya	2010	17,716	3,480	4,843	568	1,988	13,797	2,202
	2011	6,107	3,870	1,263	133	0	8,581	1,365
	2012	8,930	4,922	1,538	566	0	11,748	1,870
	2013	8,449	6,724	2,267	392	0	12,514	1,997
Madagascar	2010	..	618	..	63	-35	589	28
	2011	..	673	..	79	-12	605	28
	2012	..	747	..	82	29	636	29
	2013	..	728	..	71	1	657	29
Malawi	2010	..	332	..	..	..	332	22
	2011	..	318	..	..	..	318	21
	2012	..	308	..	..	..	308	20
	2013	..	318	..	..	..	318	20
Mali	2010	..	*335	..	*21	..	*314	*21
	2011	..	*361	..	*21	..	*340	*22
	2012	..	*346	..	*22	..	*324	*20
	2013	..	*357	..	*23	..	*334	*20
Mauritania	2010	..	664	..	18	..	646	180
	2011	..	712	..	17	..	695	189
	2012	..	791	..	23	..	768	203
	2013	..	*793	..	29	..	*765	*197
Mauritius	2010	..	1,107	..	351	-37	793	635
	2011	..	1,175	..	404	-32	803	640
	2012	..	1,149	..	376	-54	827	657
	2013	..	1,249	..	497	49	703	556
Morocco	2010	5,754	7,427	585	573	595	11,428	350
	2011	6,979	8,084	581	642	-76	13,916	421
	2012	7,049	7,894	527	936	101	13,379	399
	2013	6,862	10,272	1,277	713	1,227	13,917	409
Mozambique	2010	..	753	..	64	0	689	28
	2011	..	850	..	59	0	791	32
	2012	..	820	..	65	0	755	29
	2013	..	1,337	..	70	*298	969	37
Namibia	2010	..	971	..	37	0	934	426
	2011	..	876	..	*13	0	864	385
	2012	..	992	..	*39	0	953	416
	2013	..	880	..	*20	*12	848	361
Niger	2010	0	286	0	13	-8	281	17
	2011	57	269	0	15	27	284	17
	2012	560	29	159	12	0	419	24
	2013	784	35	369	22	6	422	23

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
Nigeria	2010	4,885	8,572	945	585	-66	11,993	75
	2011	5,868	7,722	1,369	584	477	11,160	68
	2012	4,673	7,934	670	578	-695	12,054	72
	2013	5,047	8,228	1,149	712	-369	11,783	68
Réunion	2010	..	810	..	*67	1	742	894
	2011	..	860	..	*70	-6	795	950
	2012	..	790	..	*63	-22	749	888
	2013	..	*799	..	*70	*-23	*753	*887
Rwanda	2010	..	*201	0	*15	0	*186	*18
	2011	..	*229	0	*17	0	*211	*20
	2012	..	258	0	*20	0	238	22
	2013	..	278	0	*19	0	259	23
Sao Tome and Principe	2010	..	42	..	10	..	32	190
	2011	..	*44	..	*10	..	*34	*192
	2012	..	*46	..	*10	..	*36	*203
	2013	..	*46	..	*10	..	*36	*198
Senegal	2010	572	1,271	61	285	-23	1,520	117
	2011	714	1,287	160	289	-50	1,602	120
	2012	768	1,131	104	268	-40	1,567	114
	2013	764	1,248	174	317	-42	1,563	110
Seychelles	2010	..	328	..	*103	..	224	2,411
	2011	..	283	..	*88	..	195	2,083
	2012	..	326	..	*97	..	230	2,432
	2013	..	293	..	*83	..	210	2,207
Sierra Leone	2010	..	199	..	*8	..	191	33
	2011	..	254	..	*8	..	246	42
	2012	..	294	..	*8	..	286	47
	2013	..	350	..	*8	..	343	55
Somalia	2010	..	*265	..	65	..	*200	*21
	2011	..	*244	..	56	..	*188	*19
	2012	..	*275	..	67	..	*208	*21
	2013	..	*270	..	67	..	*203	*20
South Africa	2010	18,786	6,630	2,176	3,887	..	19,353	375
	2011	19,440	8,090	1,981	4,044	..	21,505	412
	2012	20,569	7,423	2,690	4,371	..	20,931	396
	2013	22,254	7,952	3,490	4,239	..	22,477	421
South Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	..	465	..	31	..	434	40
	2013	..	492	..	36	..	456	40
St. Helena and Depend.	2010	..	3	..	..	..	3	817
	2011	..	3	..	..	..	3	807
	2012	..	4	..	..	..	4	905
	2013	..	4	..	..	..	4	880
Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	3,905	1,090	259	235	..	4,501	119
	2013	3,734	1,107	256	*207	..	4,378	114
Sudan (former)	2010	4,868	798	390	285	..	4,991	109
	2011	4,326	1,150	443	328	..	4,705	101
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..

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	2010	..	*218	..	*1	..	*217	*182
	2011	..	*220	..	*1	..	*220	*181
	2012	..	*224	..	*1	..	*224	*182
	2013	..	*229	..	*1	..	*228	*182
Togo	2010	..	713	..	84	-32	661	103
	2011	..	622	..	77	-56	601	92
	2012	..	561	..	85	-41	517	77
	2013	..	577	..	90	-42	529	76
Tunisia	2010	373	3,828	151	256	-101	3,895	366
	2011	838	3,264	328	246	49	3,479	323
	2012	1,861	3,109	941	294	76	3,660	336
	2013	1,783	3,090	890	294	-56	3,745	340
Uganda	2010	..	1,156	..	*86	..	1,069	32
	2011	..	1,219	..	*90	..	1,130	33
	2012	..	1,144	..	*92	..	1,051	30
	2013	..	1,220	..	*92	..	1,128	31
United Rep. of Tanzania	2010	..	1,647	..	153	..	1,494	33
	2011	..	1,843	..	163	..	1,680	36
	2012	..	2,228	..	174	..	2,054	42
	2013	..	2,625	..	186	..	2,439	49
Zambia	2010	588	120	85	29	..	594	43
	2011	543	223	35	32	..	699	49
	2012	616	322	40	49	..	849	57
	2013	589	385	49	49	..	876	57
Zimbabwe	2010	..	619	..	8	..	611	44
	2011	..	1,085	..	9	..	1,076	75
	2012	..	1,225	..	10	..	1,215	83
	2013	..	1,359	..	10	..	1,349	91
America, North	2010	1,098,391	187,664	162,759	60,964	-1,894	1,064,226	1,946
	2011	1,112,624	194,936	188,799	61,597	-2,700	1,059,864	1,918
	2012	1,069,623	176,465	187,219	50,118	-1,119	1,009,870	1,810
	2013	1,097,670	173,906	198,356	50,614	-2,501	1,025,107	1,820
Anguilla	2010	..	*49	..	..	..	*49	*3,552
	2011	..	*46	..	..	..	*46	*3,296
	2012	..	*45	..	..	..	*45	*3,205
	2013	..	*44	..	..	..	*44	*3,098
Antigua and Barbuda	2010	..	*225	*5	*46	..	*175	*2,000
	2011	..	*223	*4	48	..	*172	*1,946
	2012	..	*230	*4	49	..	*177	*1,982
	2013	..	*230	*4	*49	..	*177	*1,961
Aruba	2010	*10,067	*383	*10,067	*86	..	*297	*2,921
	2011	*10,050	*382	*10,050	*88	..	*294	*2,888
	2012	*2,440	*377	*2,440	*92	..	*285	*2,782
	2013	0	*378	0	*93	..	*285	*2,772
Bahamas	2010	..	1,043	*36	*191	..	816	2,261
	2011	..	923	*33	*261	..	630	1,718
	2012	..	869	*42	*187	..	639	1,717
	2013	..	1,260	*45	*195	..	1,021	2,701
Barbados	2010	..	564	..	*126	3	435	1,554
	2011	..	592	..	*141	0	451	1,606
	2012	..	555	..	*114	1	439	1,561
	2013	..	560	..	*128	1	431	1,526

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	2010	2	171	..	13	..	160	498
	2011	2	191	..	11	..	182	553
	2012	1	152	..	11	..	143	423
	2013	1	166	..	14	..	153	444
Bermuda	2010	..	*255	..	*68	..	*186	*2,913
	2011	..	161	..	*31	..	130	2,044
	2012	..	177	..	*31	..	146	2,318
	2013	..	149	..	*31	..	119	1,890
Bonaire, St Eustatius, Saba	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	..	*333	..	*216	..	*117	*5,103
	2013	..	*342	..	*222	..	*120	*5,074
British Virgin Islands	2010	..	*56	..	..	..	*56	*2,042
	2011	..	*57	..	..	..	*57	*2,039
	2012	..	*57	..	..	..	*57	*1,989
	2013	..	*57	..	..	..	*57	*1,951
Canada	2010	99,211	10,915	19,982	1,776	-1,676	90,044	2,639
	2011	96,294	15,289	18,691	1,430	203	91,259	2,645
	2012	97,489	11,461	22,638	1,370	-49	84,991	2,437
	2013	95,489	11,215	24,365	1,198	-540	81,681	2,318
Cayman Islands	2010	..	195	..	*10	..	185	3,333
	2011	..	205	..	*11	..	194	3,429
	2012	..	190	..	*12	..	178	3,094
	2013	..	187	..	10	..	177	3,032
Costa Rica	2010	503	1,841	98	0	33	2,213	487
	2011	150	2,155	43	0	0	2,262	492
	2012	0	2,283	9	0	-17	2,291	492
	2013	0	2,366	0	155	-7	2,218	471
Cuba	2010	5,003	3,760	..	*164	..	8,599	760
	2011	4,871	3,154	..	*164	..	7,861	694
	2012	5,107	3,142	..	*164	..	8,085	713
	2013	4,961	*3,253	..	*176	..	8,038	707
Curaçao	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	8,619	3,044	7,849	1,701	..	2,113	13,845
	2013	9,044	2,988	8,313	1,714	..	2,005	12,994
Dominica	2010	..	*46	..	*2	..	*45	*625
	2011	..	*43	..	*2	..	*42	*585
	2012	..	*46	..	*2	..	*44	*617
	2013	..	*44	..	*2	..	*43	*590
Dominican Republic	2010	1,335	4,436	..	392	3	5,377	543
	2011	1,261	4,479	..	424	3	5,313	530
	2012	1,163	4,663	..	477	0	5,350	527
	2013	1,295	4,336	..	431	9	5,192	505
El Salvador	2010	808	1,274	127	108	1	1,846	306
	2011	743	1,325	93	110	-81	1,946	321
	2012	528	1,668	51	122	-102	2,126	350
	2013	0	1,887	12	144	-134	1,866	306
Greenland	2010	..	303	..	70	16	218	3,847
	2011	..	291	..	79	-19	232	4,106
	2012	..	245	..	62	-2	185	3,285
	2013	..	225	..	*40	*-2	187	3,322

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
Grenada	2010	..	90	..	5	0	85	814
	2011	..	86	..	5	0	82	778
	2012	..	86	..	4	-6	87	829
	2013	..	104	..	4	0	99	939
Guadeloupe	2010	..	*792	..	*128	..	*664	*1,454
	2011	..	*803	..	129	..	*674	*1,469
	2012	..	*803	..	*129	..	*674	*1,462
	2013	..	*807	..	*129	..	*678	*1,463
Guatemala	2010	70	3,330	192	343	-87	2,952	200
	2011	81	3,460	181	349	10	3,001	199
	2012	71	3,457	118	342	30	3,038	198
	2013	59	3,512	205	362	-561	3,565	227
Haiti	2010	..	668	..	20	..	648	65
	2011	..	696	..	17	..	679	67
	2012	..	762	..	52	..	710	69
	2013	..	807	..	89	-21	739	71
Honduras	2010	..	2,582	347	47	-1	2,189	292
	2011	..	2,677	297	53	-110	2,437	320
	2012	..	2,855	377	50	0	2,428	314
	2013	..	2,910	414	42	0	2,454	313
Jamaica	2010	1,152	1,634	291	259	-50	2,286	834
	2011	1,215	1,628	225	248	16	2,354	855
	2012	1,185	1,497	233	244	-1	2,206	798
	2013	1,139	1,626	198	*228	40	2,298	829
Martinique	2010	*861	*66	*157	*50	..	*721	*1,826
	2011	*909	*66	*157	*53	..	*765	*1,939
	2012	*924	*66	*157	*54	..	*779	*1,972
	2013	*924	*64	*149	*54	..	*785	*1,985
Mexico	2010	76,735	29,048	9,754	3,363	490	92,176	777
	2011	74,029	31,761	9,010	3,488	1,184	92,108	765
	2012	73,860	31,619	7,504	3,643	967	93,365	765
	2013	77,470	28,019	9,217	3,654	-204	92,822	750
Montserrat	2010	..	22	..	*1	0	20	4,099
	2011	..	15	..	*2	0	14	2,764
	2012	..	15	..	*2	*-1	14	2,783
	2013	..	19	..	*2	0	18	3,496
Neth. Antilles (former)	2010	4,453	3,844	4,068	2,411	..	1,818	8,753
	2011	8,718	4,117	7,974	2,440	..	2,421	11,357
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Nicaragua	2010	768	593	26	18	-65	1,382	241
	2011	780	796	25	20	52	1,479	255
	2012	518	927	19	21	-4	1,409	240
	2013	682	753	11	20	31	1,373	231
Panama	2010	..	5,584	1	3,411	-486	2,658	734
	2011	..	6,010	1	3,821	-548	2,736	743
	2012	..	6,196	1	*3,917	-234	2,513	671
	2013	..	6,502	3	3,822	46	2,631	691
Sint Maarten (Dutch part)	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	..	*789	..	*512	..	*278	*7,910
	2013	..	*806	..	*522	..	*284	*7,785

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. Kitts-Nevis	2010	..	*84	..	..	..	*84	*1,612
	2011	..	*87	..	..	..	*87	*1,640
	2012	..	*91	..	..	..	*91	*1,691
	2013	..	*91	..	..	..	*91	*1,681
St. Lucia	2010	..	139	..	*6	..	133	750
	2011	..	141	..	*6	..	135	754
	2012	..	141	..	*6	..	134	743
	2013	..	140	..	*6	..	134	735
St. Pierre-Miquelon	2010	..	*29	..	*6	..	*23	*3,666
	2011	..	*29	..	*6	..	*23	*3,698
	2012	..	*29	..	*6	..	*23	*3,633
	2013	..	*30	..	*6	..	*24	*3,745
St. Vincent-Grenadines	2010	..	74	..	0	..	73	672
	2011	..	66	..	0	..	66	602
	2012	..	83	..	0	..	83	756
	2013	..	68	..	0	..	68	620
Trinidad and Tobago	2010	7,862	108	5,804	607	-23	1,582	1,191
	2011	8,414	253	6,564	675	-91	1,519	1,138
	2012	6,676	380	5,093	627	-103	1,439	1,073
	2013	7,845	77	5,583	829	-18	1,528	1,133
Turks and Caicos Islands	2010	..	*62	..	..	..	*62	*1,988
	2011	..	*62	..	..	..	*62	*1,945
	2012	..	*65	..	..	..	*65	*2,004
	2013	..	*65	..	..	..	*65	*1,964
United States	2010	889,560	113,401	111,804	47,237	-51	843,971	2,724
	2011	905,106	112,664	135,451	47,485	-3,319	838,153	2,683
	2012	871,041	97,067	140,684	35,899	-1,599	793,124	2,519
	2013	898,761	97,818	149,838	36,244	-1,141	811,638	2,559
America, South	2010	244,208	52,540	47,082	13,774	-1,232	237,124	597
	2011	251,194	54,471	52,206	14,367	-11	239,103	596
	2012	257,739	57,217	45,913	14,421	-2,247	256,868	633
	2013	257,756	58,546	42,332	14,400	-1,428	260,998	637
Argentina	2010	32,763	4,607	3,218	1,804	175	32,173	780
	2011	32,024	5,136	2,449	2,072	273	32,366	777
	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
Bolivia (Plur. State of)	2010	2,277	698	381	44	-19	2,569	259
	2011	2,357	845	454	48	-33	2,733	271
	2012	2,694	975	318	42	16	3,293	322
	2013	2,686	952	395	52	-12	3,203	308
Brazil	2010	101,555	22,498	6,450	5,966	293	111,344	561
	2011	104,359	24,953	6,466	6,451	255	116,140	579
	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
Chile	2010	8,668	7,096	596	898	83	14,187	834
	2011	8,923	7,096	649	924	-63	14,509	843
	2012	9,032	7,483	852	840	-171	14,994	862
	2013	9,422	7,386	913	806	16	15,073	858
Colombia	2010	13,920	2,493	5,035	*1,312	165	9,901	216
	2011	14,999	2,548	5,246	*1,452	1	10,849	234
	2012	15,689	3,135	4,993	*1,389	74	12,369	264
	2013	15,030	3,665	5,134	1,809	457	11,294	239

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
Ecuador	2010	7,366	5,325	1,550	890	-520	10,771	721
	2011	8,733	4,877	1,768	948	-261	11,155	735
	2012	8,585	5,139	1,642	855	-308	11,535	748
	2013	8,011	5,827	1,179	779	-451	12,331	787
Falkland Is. (Malvinas)	2010	..	*14	..	..	..	*14	*4,797
	2011	..	*13	..	..	..	*13	*4,658
	2012	..	*14	..	..	..	*14	*4,750
	2013	..	*14	..	..	..	*14	*4,727
French Guiana	2010	..	*271	..	*39	..	*232	*994
	2011	..	*277	..	*40	..	*237	*988
	2012	..	*264	..	*40	..	*224	*906
	2013	..	*277	..	*40	..	*237	*932
Guyana	2010	..	561	..	9	-8	561	744
	2011	..	581	..	9	-9	580	768
	2012	..	657	..	15	-8	650	857
	2013	..	641	..	10	-1	632	830
Paraguay	2010	103	1,516	..	26	-97	1,690	272
	2011	110	1,582	..	26	-108	1,774	282
	2012	118	1,692	..	27	49	1,734	272
	2013	138	1,472	..	32	-107	1,685	261
Peru	2010	12,861	1,823	3,719	856	32	10,077	343
	2011	12,827	2,093	3,462	925	-45	10,578	355
	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
Suriname	2010	849	460	483	..	-1	827	1,597
	2011	911	403	608	..	0	706	1,348
	2012	931	475	597	..	0	808	1,529
	2013	1,000	472	702	..	0	770	1,444
Uruguay	2010	1,914	766	188	527	-15	1,979	587
	2011	1,325	1,595	50	469	30	2,372	701
	2012	1,949	1,299	82	375	58	2,732	804
	2013	2,120	610	23	302	-10	2,415	709
Venezuela (Bolivar. Rep.)	2010	61,933	*4,412	25,462	1,403	-1,319	40,799	1,407
	2011	64,624	*2,471	31,053	1,002	-51	35,091	1,192
	2012	62,000	*3,754	24,934	1,497	505	38,818	1,300
	2013	55,529	3,593	20,575	1,488	909	36,150	1,194
Asia	2010	1,685,961	453,925	462,790	156,323	9,232	1,511,541	362
	2011	1,733,461	476,354	467,878	162,839	8,125	1,570,974	373
	2012	1,797,176	492,804	470,730	161,937	13,062	1,644,250	386
	2013	1,808,976	523,522	485,858	169,002	5,012	1,672,625	389
Afghanistan	2010	..	1,932	..	10	..	1,922	69
	2011	..	2,498	..	10	..	2,488	86
	2012	..	5,378	..	10	..	5,368	181
	2013	..	*5,558	..	*10	..	*5,548	*181
Armenia	2010	..	416	*1	*43	..	372	125
	2011	..	392	0	*44	..	349	117
	2012	..	384	0	*47	..	337	113
	2013	..	364	0	*46	..	318	106
Azerbaijan	2010	6,318	27	2,770	465	-101	3,210	353
	2011	6,200	26	2,211	503	-21	3,534	383
	2012	6,056	44	1,795	457	32	3,815	408
	2013	6,375	120	1,844	460	124	4,068	428

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
Bahrain	2010	14,087	643	11,542	704	-9	2,493	1,977
	2011	13,721	669	11,228	659	-25	2,528	1,936
	2012	14,378	759	11,784	633	-161	2,881	2,160
	2013	14,062	744	11,768	476	-61	2,623	1,944
Bangladesh	2010	1,355	2,747	136	368	55	3,543	23
	2011	1,432	3,754	133	422	131	4,500	29
	2012	1,287	3,785	114	404	-325	4,879	31
	2013	1,493	3,855	101	416	118	4,713	30
Bhutan	2010	..	103	..	1	..	102	141
	2011	..	121	..	*1	..	120	164
	2012	..	138	..	2	..	137	184
	2013	..	*146	..	*3	..	*143	*190
Brunei Darussalam	2010	629	137	0	195	-3	574	1,459
	2011	588	255	25	205	-3	616	1,542
	2012	434	360	12	146	-6	642	1,583
	2013	501	286	9	163	8	607	1,475
Cambodia	2010	..	1,549	..	37	..	1,512	105
	2011	..	1,600	..	44	..	1,556	107
	2012	..	1,678	..	55	..	1,623	109
	2013	..	1,676	..	63	..	1,613	107
China	2010	440,534	56,690	30,545	13,669	5,913	447,098	333
	2011	468,311	62,158	30,690	14,779	6,520	478,481	355
	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
China, Hong Kong SAR	2010	..	22,876	541	15,900	3,165	3,270	468
	2011	..	20,521	671	16,285	389	3,176	451
	2012	..	19,254	867	15,348	-270	3,309	466
	2013	..	19,417	627	15,786	-247	3,251	454
China, Macao SAR	2010	..	677	133	..	-9	553	1,034
	2011	..	859	135	..	-1	725	1,327
	2012	..	895	148	..	2	745	1,337
	2013	..	857	164	..	8	685	1,206
Cyprus	2010	..	2,936	..	457	119	2,360	2,138
	2011	..	2,651	..	493	-124	2,282	2,044
	2012	..	2,618	..	461	30	2,127	1,883
	2013	..	2,324	..	475	23	1,826	1,599
Georgia	2010	0	968	0	40	0	928	218
	2011	0	1,017	2	35	-3	983	234
	2012	7	1,005	2	37	-1	974	235
	2013	0	1,064	13	84	7	960	235
India	2010	208,006	14,180	58,847	4,719	3,177	155,443	126
	2011	216,740	15,689	60,810	4,719	4,799	162,101	130
	2012	231,492	14,413	64,881	4,719	*4,714	171,591	136
	2013	231,188	16,717	69,960	5,152	-160	172,953	135
Indonesia	2010	42,493	29,306	7,002	290	0	64,506	267
	2011	46,711	33,156	5,722	870	-69	73,344	300
	2012	46,773	37,531	4,927	924	36	78,417	316
	2013	48,341	38,364	5,432	1,249	0	80,024	318
Iran (Islamic Rep. of)	2010	117,161	8,758	21,249	4,039	..	100,631	1,355
	2011	120,189	2,465	22,666	3,839	..	96,149	1,279
	2012	121,296	1,038	15,648	3,480	..	103,207	1,355
	2013	111,480	1,710	14,585	4,443	..	94,164	1,220

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
Iraq	2010	26,765	2,108	250	0	0	28,623	927
	2011	28,411	8,839	57	953	3	36,237	1,137
	2012	29,685	11,434	118	498	147	40,356	1,224
	2013	30,375	12,020	561	574	-361	41,621	1,220
Israel	2010	12,506	4,067	3,615	1,104	-45	11,899	1,604
	2011	12,032	4,881	4,492	1,128	-240	11,533	1,525
	2012	11,720	6,542	3,446	1,111	88	13,617	1,770
	2013	13,604	7,724	8,219	1,041	0	12,068	1,544
Japan	2010	184,055	43,295	17,101	9,753	714	199,782	1,569
	2011	174,295	47,831	13,546	9,832	-343	199,091	1,565
	2012	173,277	50,571	12,686	10,058	1,974	199,130	1,566
	2013	176,003	45,489	16,476	10,179	-1,227	196,064	1,544
Jordan	2010	3,375	1,594	105	138	68	4,658	715
	2011	3,197	2,725	0	121	-187	5,987	886
	2012	3,514	3,598	0	147	176	6,789	971
	2013	3,122	3,153	0	*141	-204	6,338	878
Kazakhstan	2010	14,447	1,754	6,892	203	243	8,863	543
	2011	14,844	1,442	6,001	177	-406	10,514	635
	2012	14,841	2,591	6,532	197	291	10,412	619
	2013	15,083	2,736	6,473	164	210	10,972	642
Korea, Dem.Ppl's.Rep.	2010	510	309	..	..	..	819	33
	2011	508	335	..	..	..	843	34
	2012	508	300	..	..	..	808	33
	2013	517	303	..	..	..	820	33
Korea, Republic of	2010	126,493	31,527	44,523	12,625	740	100,132	2,040
	2011	135,451	31,381	53,274	12,414	248	100,896	2,044
	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
Kuwait	2010	48,622	..	31,008	1,254	-506	16,866	5,513
	2011	47,198	..	30,101	1,740	-408	15,765	4,867
	2012	48,820	..	29,564	1,905	-105	17,456	5,105
	2013	47,936	..	29,790	1,870	-484	16,760	4,664
Kyrgyzstan	2010	97	1,268	99	269	28	969	177
	2011	90	1,267	103	51	-58	1,261	227
	2012	81	1,717	86	30	80	1,602	284
	2013	77	1,627	141	48	-96	1,611	280
Lao People's Dem. Rep.	2010	..	*135	..	*10	..	*125	*20
	2011	..	*149	..	*10	..	*139	*22
	2012	..	*150	..	*10	..	*140	*22
	2013	..	*156	..	*11	..	*145	*22
Lebanon	2010	..	5,693	..	247	..	5,446	1,256
	2011	..	5,873	..	251	..	5,622	1,224
	2012	..	6,621	..	234	..	6,387	1,297
	2013	..	6,590	..	289	..	6,301	1,192
Malaysia	2010	24,248	*12,074	*8,899	*1,675	*-467	26,214	932
	2011	25,713	12,473	8,967	1,933	-736	28,022	981
	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
Maldives	2010	..	352	..	*57	..	295	887
	2011	..	381	..	*69	..	312	921
	2012	..	482	..	*129	..	353	1,025
	2013	..	505	..	*161	..	344	980

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
Mongolia	2010	..	808	..	..	..	808	298
	2011	..	993	..	..	..	993	360
	2012	..	*1,114	..	..	..	*1,114	*397
	2013	..	1,198	..	..	..	1,198	419
Myanmar	2010	784	1,570	..	20	30	2,305	45
	2011	806	1,494	..	19	-169	2,450	47
	2012	664	1,402	..	36	15	2,016	38
	2013	512	1,859	..	39	19	2,313	44
Nepal	2010	..	1,147	..	79	..	1,068	40
	2011	..	1,186	..	*89	..	1,097	40
	2012	..	1,289	..	*94	..	1,195	43
	2013	..	1,386	..	*94	..	1,292	46
Oman	2010	8,098	399	1,698	1,570	-161	5,390	1,831
	2011	10,180	315	2,308	955	-37	7,269	2,264
	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
Other Asia	2010	44,598	16,504	15,499	3,740	-38	41,901	1,806
	2011	41,883	13,998	13,127	3,587	-400	39,567	1,701
	2012	45,973	12,758	16,103	3,245	420	38,963	1,672
	2013	43,382	15,527	16,952	3,412	-1,587	40,132	1,720
Pakistan	2010	9,755	12,431	1,573	335	-8	20,286	119
	2011	9,153	11,587	872	300	-65	19,633	113
	2012	*10,524	*10,720	*824	*287	*-175	*20,308	*114
	2013	11,089	11,490	760	*289	76	21,454	118
Philippines	2010	8,423	6,886	966	1,193	64	13,086	141
	2011	8,909	5,696	1,147	1,307	-170	12,322	130
	2012	7,954	6,877	650	1,285	75	12,821	134
	2013	7,384	7,806	634	1,282	-222	13,496	138
Qatar	2010	22,995	530	17,505	1,102	72	4,846	2,745
	2011	23,952	89	19,474	1,454	-162	3,275	1,719
	2012	24,966	0	20,909	1,797	-301	2,561	1,271
	2013	24,176	125	20,402	1,988	352	1,559	742
Saudi Arabia	2010	136,858	9,408	59,684	4,676	-2,504	84,410	3,005
	2011	137,095	10,127	51,489	4,840	2,059	88,834	3,086
	2012	144,697	16,579	60,859	5,031	-748	96,134	3,259
	2013	136,824	24,291	57,869	5,293	-1,080	99,033	3,279
Singapore	2010	49,945	98,870	85,040	45,780	-750	18,745	3,691
	2011	51,732	105,144	92,078	48,913	-869	16,754	3,228
	2012	52,611	97,850	82,813	49,113	-1,681	20,216	3,815
	2013	48,761	102,806	83,204	49,217	-869	20,014	3,703
Sri Lanka	2010	1,664	2,479	27	394	-235	3,957	196
	2011	1,740	2,823	63	599	-221	4,123	203
	2012	1,495	3,432	0	659	34	4,234	207
	2013	1,569	2,606	139	614	-441	3,864	188
State of Palestine	2010	..	676	0	..	..	676	166
	2011	..	755	0	..	..	755	181
	2012	..	723	0	..	..	723	168
	2013	..	814	0	..	..	813	184
Syrian Arab Republic	2010	12,053	4,953	1,780	1,113	679	13,434	648
	2011	11,869	3,776	1,789	967	0	12,889	629
	2012	8,390	2,749	847	511	0	9,781	490
	2013	5,525	3,408	543	471	0	7,919	410

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
Tajikistan	2010	21	564	*1	29	..	554	73
	2011	25	492	*9	31	..	478	62
	2012	27	654	*10	33	..	638	80
	2013	*21	*664	*3	35	..	*646	*80
Thailand	2010	44,004	184	10,830	*3,111	285	29,962	449
	2011	42,575	1,875	9,710	*3,342	*18	31,416	470
	2012	44,991	2,356	10,551	*3,342	*758	32,696	487
	2013	50,957	2,834	10,570	4,412	453	38,356	569
Timor-Leste	2010	..	*80	..	*3	..	*77	*73
	2011	..	*83	..	*3	..	*80	*74
	2012	..	*98	..	*3	..	*95	*86
	2013	..	*146	..	*3	..	*143	*127
Turkey	2010	20,510	18,343	6,357	1,555	278	30,663	424
	2011	22,991	17,989	7,365	1,285	-61	32,391	441
	2012	23,913	20,197	7,626	1,190	567	34,727	464
	2013	24,675	21,413	8,085	1,937	-54	36,120	474
Turkmenistan	2010	8,928	..	2,943	530	..	5,455	1,082
	2011	8,878	..	2,673	480	..	5,725	1,121
	2012	8,549	..	2,141	415	..	5,993	1,159
	2013	8,811	..	2,290	455	..	6,066	1,158
United Arab Emirates	2010	31,709	16,253	*12,594	*21,623	..	13,745	1,650
	2011	33,605	17,337	*14,025	*21,887	..	15,030	1,721
	2012	33,096	17,798	*13,517	*22,620	..	14,757	1,648
	2013	36,387	*19,377	*14,103	*24,866	..	*16,795	*1,858
Uzbekistan	2010	3,883	..	239	..	..	3,644	131
	2011	3,583	..	224	..	..	3,359	119
	2012	3,204	..	211	..	..	2,993	105
	2013	3,058	..	213	..	..	2,845	98
Viet Nam	2010	6,000	10,633	8	977	-1,562	17,210	195
	2011	6,076	11,811	13	1,038	-1,227	18,063	202
	2012	6,692	10,394	9	1,093	-3,068	19,052	211
	2013	6,402	8,183	1,370	853	76	12,286	134
Yemen	2010	4,033	3,088	786	222	..	6,113	259
	2011	2,777	3,374	677	157	..	5,317	219
	2012	1,850	3,622	620	130	..	4,722	190
	2013	3,645	4,529	1,402	194	..	6,578	258
Europe	2010	987,290	367,564	443,037	106,819	-1,815	806,814	1,097
	2011	982,195	371,946	445,917	110,000	-2,328	800,551	1,087
	2012	983,135	367,653	468,621	104,409	-3,572	781,330	1,060
	2013	964,408	377,664	473,327	103,944	-1,029	765,831	1,038
Albania	2010	157	1,082	4	*8	0	1,228	423
	2011	297	1,050	71	*8	0	1,268	439
	2012	111	977	20	*8	0	1,060	368
	2013	44	1,496	34	28	235	1,243	431
Andorra	2010	..	169	..	0	..	169	1,998
	2011	..	160	..	0	..	160	1,941
	2012	..	*160	..	0	..	*160	*2,014
	2013	..	*160	..	0	..	*160	*2,105
Austria	2010	8,265	7,249	2,258	667	-223	12,812	1,527
	2011	9,080	6,280	2,265	704	133	12,258	1,455
	2012	9,130	6,161	2,500	675	-24	12,140	1,436
	2013	9,219	6,181	2,565	645	-62	12,252	1,444

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
Belarus	2010	16,220	1,524	11,062	0	-8	6,690	705
	2011	20,187	4,144	15,599	0	-267	8,999	948
	2012	21,375	6,561	17,652	0	62	10,222	1,077
	2013	20,880	68	13,982	100	44	6,822	718
Belgium	2010	36,060	23,024	23,411	9,258	458	25,957	2,375
	2011	33,778	23,831	23,750	8,471	102	25,286	2,298
	2012	35,776	22,515	26,170	7,610	-115	24,626	2,223
	2013	33,135	28,408	26,639	7,651	576	26,677	2,392
Bosnia and Herzegovina	2010	1,161	749	215	5	0	1,690	441
	2011	1,260	759	270	5	0	1,744	455
	2012	1,079	714	203	5	0	1,585	414
	2013	965	722	289	4	22	1,372	359
Bulgaria	2010	5,970	2,261	3,555	261	108	4,307	581
	2011	5,999	2,321	3,539	241	34	4,506	613
	2012	6,425	2,204	4,129	223	-60	4,337	594
	2013	6,443	2,687	4,429	246	154	4,301	593
Croatia	2010	4,332	1,326	1,926	60	54	3,618	838
	2011	3,672	1,633	1,572	77	-132	3,788	881
	2012	3,749	1,641	1,558	66	4	3,762	878
	2013	3,398	1,514	1,540	79	-90	3,383	792
Czech Republic	2010	8,522	2,733	1,614	303	-14	9,352	890
	2011	7,810	3,178	1,573	300	-41	9,156	869
	2012	7,988	2,967	1,685	284	-38	9,024	856
	2013	7,364	3,321	1,759	274	-58	8,710	826
Denmark	2010	6,985	6,739	5,377	1,488	275	6,584	1,186
	2011	6,557	6,444	5,904	1,519	-682	6,260	1,123
	2012	7,427	6,262	6,494	1,337	-218	6,076	1,085
	2013	6,989	7,707	7,190	1,445	257	5,804	1,032
Estonia	2010	..	1,150	3	262	-34	919	690
	2011	..	1,152	10	227	4	911	686
	2012	..	2,272	888	447	2	935	706
	2013	..	1,680	228	460	31	961	728
Faeroe Islands	2010	..	*235	..	31	..	*205	*4,211
	2011	..	*218	..	34	..	*184	*3,794
	2012	..	*223	..	30	..	*193	*3,990
	2013	..	*217	..	22	..	*195	*4,033
Finland	2010	14,238	4,819	6,717	737	-810	12,413	2,313
	2011	15,196	5,518	7,183	820	191	12,520	2,320
	2012	14,705	4,779	7,597	720	-414	11,581	2,135
	2013	15,182	6,068	9,051	747	842	10,610	1,946
France	2010	75,542	40,587	22,788	7,755	-296	85,882	1,363
	2011	76,071	40,566	22,673	8,214	134	85,616	1,352
	2012	65,198	43,273	19,928	7,917	-867	81,493	1,281
	2013	61,936	41,411	18,822	7,650	-21	76,896	1,204
Germany	2010	110,816	35,567	17,949	10,724	436	117,274	1,458
	2011	109,259	32,981	18,035	10,280	-748	114,673	1,426
	2012	110,194	32,241	18,688	10,702	-310	113,355	1,409
	2013	107,193	37,649	20,197	10,505	-176	114,316	1,419
Gibraltar	2010	..	4,462	..	4,288	..	174	5,662
	2011	..	4,442	..	4,272	..	170	5,472
	2012	..	4,480	..	4,307	..	173	5,509
	2013	..	4,126	..	3,942	..	184	5,801

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
Greece	2010	22,338	6,696	8,652	3,477	-147	17,052	1,526
	2011	19,370	8,156	8,865	3,580	-407	15,488	1,389
	2012	23,908	7,105	12,127	2,977	111	15,798	1,422
	2013	24,191	7,469	14,032	2,857	-228	14,999	1,357
Hungary	2010	9,350	2,654	2,809	229	1	8,965	895
	2011	9,095	2,223	2,968	232	-56	8,174	818
	2012	8,549	2,084	2,867	167	-12	7,611	764
	2013	8,358	2,276	2,900	163	43	7,528	759
Iceland	2010	0	672	..	178	-30	524	1,648
	2011	0	695	..	197	4	494	1,539
	2012	0	688	..	199	5	484	1,497
	2013	2	705	..	183	12	512	1,573
Ireland	2010	2,996	5,915	1,379	785	-250	6,997	1,515
	2011	2,993	5,551	1,590	753	93	6,108	1,313
	2012	3,099	5,211	1,772	647	87	5,804	1,243
	2013	2,882	5,049	1,241	738	-38	5,990	1,282
Italy	2010	93,473	18,387	29,305	6,180	480	75,895	1,273
	2011	88,985	17,713	26,626	5,761	529	73,782	1,236
	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
Latvia	2010	..	1,904	257	370	-98	1,375	658
	2011	..	2,069	454	332	30	1,253	607
	2012	..	2,131	511	359	28	1,233	605
	2013	..	2,297	673	363	7	1,254	623
Lithuania	2010	9,196	887	7,287	192	70	2,534	811
	2011	9,376	1,087	7,736	200	-44	2,571	837
	2012	8,977	1,396	7,593	186	-86	2,680	888
	2013	9,486	1,520	8,229	158	-44	2,663	899
Luxembourg	2010	..	2,858	10	419	-17	2,446	4,816
	2011	..	2,932	7	392	-11	2,544	4,892
	2012	..	2,857	8	361	13	2,475	4,648
	2013	..	2,812	7	363	9	2,433	4,465
Malta	2010	..	2,438	16	1,608	-18	832	2,019
	2011	..	2,357	4	1,491	36	826	1,995
	2012	..	2,248	8	1,329	32	879	2,115
	2013	..	2,345	151	1,365	96	733	1,759
Montenegro	2010	..	331	17	2	..	312	502
	2011	..	316	15	10	..	291	467
	2012	..	294	12	12	..	270	433
	2013	..	286	14	13	..	259	415
Netherlands	2010	62,798	84,831	99,649	17,569	-1,140	31,551	1,897
	2011	60,939	85,379	98,173	18,753	-1,173	30,565	1,831
	2012	65,876	90,483	101,823	17,230	778	36,528	2,181
	2013	65,409	89,091	100,835	16,243	-2	37,424	2,226
Norway	2010	22,429	4,556	12,449	811	-274	13,999	2,862
	2011	24,343	4,341	15,673	794	257	11,960	2,414
	2012	24,299	4,320	14,777	722	181	12,939	2,578
	2013	25,194	4,962	13,961	839	99	15,257	3,001
Poland	2010	24,804	5,884	3,350	716	-50	26,672	691
	2011	26,540	5,852	4,580	658	-73	27,227	705
	2012	27,563	4,903	5,771	670	-116	26,141	677
	2013	26,578	4,428	6,571	653	-141	23,923	619

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
Portugal	2010	12,277	3,848	2,828	1,331	-176	12,142	1,147
	2011	11,163	4,315	2,856	1,472	9	11,141	1,055
	2012	11,982	3,151	3,703	1,527	-80	9,983	949
	2013	14,244	3,816	5,526	1,578	-600	11,556	1,105
Republic of Moldova	2010	21	722	14	13	-35	751	184
	2011	19	803	15	13	10	784	192
	2012	18	745	18	22	-10	733	180
	2013	19	789	33	21	1	753	185
Romania	2010	11,531	2,200	3,455	157	181	9,938	490
	2011	10,924	2,384	3,631	135	-283	9,825	489
	2012	10,280	2,726	3,306	129	-249	9,820	492
	2013	10,435	2,434	3,788	182	-143	9,042	457
Russian Federation	2010	244,619	2,972	112,380	7,619	907	126,685	885
	2011	248,339	4,345	104,118	9,312	523	138,731	969
	2012	253,725	1,852	106,958	8,227	294	140,098	978
	2013	265,029	1,927	117,285	11,139	566	137,966	962
Serbia	2010	2,926	1,280	377	41	61	3,727	411
	2011	2,515	1,535	283	46	0	3,721	412
	2012	2,298	1,377	292	41	41	3,301	367
	2013	3,266	858	564	51	-100	3,609	404
Slovakia	2010	6,489	1,357	3,438	40	-49	4,417	817
	2011	7,082	1,296	3,923	42	19	4,394	812
	2012	6,201	1,262	3,506	36	20	3,901	720
	2013	6,871	1,380	4,112	40	-26	4,125	761
Slovenia	2010	19	3,269	685	46	-20	2,577	1,256
	2011	0	3,308	713	56	-9	2,548	1,237
	2012	1	3,489	817	74	105	2,494	1,209
	2013	2	3,319	935	87	-101	2,400	1,162
Spain	2010	59,436	28,069	11,579	11,594	267	64,065	1,375
	2011	58,749	27,196	13,054	12,380	98	60,413	1,293
	2012	63,890	20,040	19,539	12,134	-1,583	53,840	1,154
	2013	61,669	20,025	22,278	10,905	-1,297	49,808	1,072
Sweden	2010	21,283	7,977	12,663	2,688	-824	14,733	1,570
	2011	20,214	8,314	11,474	2,490	-309	14,873	1,572
	2012	22,105	6,821	13,379	2,422	-501	13,626	1,428
	2013	18,378	7,175	9,916	2,414	-65	13,288	1,381
Switzerland	2010	4,513	7,299	408	1,377	-16	10,043	1,277
	2011	4,407	7,056	441	1,477	-159	9,704	1,219
	2012	3,424	8,260	309	1,501	159	9,715	1,205
	2013	4,914	7,491	578	1,506	-126	10,447	1,281
T.F.Yug.Rep. Macedonia	2010	828	404	330	7	-9	904	439
	2011	680	642	384	4	-34	968	469
	2012	244	991	275	8	-14	966	467
	2013	78	1,009	203	10	-71	944	456
Ukraine	2010	11,103	5,994	3,798	267	-15	13,047	286
	2011	9,353	7,595	4,183	240	-32	12,557	276
	2012	4,968	8,180	1,663	298	-169	11,356	251
	2013	4,060	7,097	1,007	*123	239	9,788	217
United Kingdom	2010	76,592	30,484	29,023	13,256	-560	65,357	1,042
	2011	77,943	29,809	31,707	14,008	-74	62,111	983
	2012	73,722	31,022	31,094	13,210	-555	60,995	959
	2013	68,470	34,304	27,861	12,958	-394	62,349	975

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
Oceania	2010	38,679	20,971	3,107	5,429	-209	51,322	1,410
	2011	41,034	19,968	3,151	5,295	-102	52,658	1,423
	2012	39,541	22,858	3,391	5,274	31	53,703	1,428
	2013	39,359	25,619	3,602	5,327	34	56,016	1,467
Australia	2010	32,484	15,979	2,983	3,898	-118	41,700	1,882
	2011	34,603	14,975	2,858	3,841	-173	43,052	1,910
	2012	32,775	18,094	3,076	3,839	70	43,884	1,915
	2013	32,538	19,894	2,985	3,854	-73	45,666	1,962
Cook Islands	2010	..	*25	..	*2	..	*23	*1,134
	2011	..	*25	..	*2	..	*23	*1,127
	2012	..	*25	..	*2	..	*23	*1,121
	2013	..	*25	..	*2	..	*23	*1,115
Fiji	2010	..	761	0	*256	..	505	587
	2011	..	669	0	*165	..	505	582
	2012	..	671	0	*167	..	504	576
	2013	..	699	0	*159	..	540	613
French Polynesia	2010	..	342	..	*58	..	284	1,060
	2011	..	328	..	*55	..	273	1,009
	2012	..	321	..	*53	..	267	976
	2013	..	325	..	*54	..	270	977
Kiribati	2010	..	*24	..	*4	..	*20	*198
	2011	..	*24	..	*4	..	*20	*189
	2012	..	*24	..	*4	..	*20	*187
	2013	..	*24	..	*4	..	*20	*186
Marshall Islands	2010	..	*34	..	..	..	*34	*645
	2011	..	*34	..	..	..	*34	*644
	2012	..	*34	..	..	..	*34	*643
	2013	..	*34	..	..	..	*34	*641
Micronesia(Fed. States of)	2010	..	40	..	*1	..	39	380
	2011	..	*43	..	*1	..	*43	*411
	2012	..	*47	..	*1	..	*47	*450
	2013	..	*50	..	*1	..	*49	*469
Nauru	2010	..	19	..	*5	0	14	1,381
	2011	..	*18	..	*5	0	*13	*1,296
	2012	..	*18	..	*5	0	*13	*1,308
	2013	..	*20	..	*5	0	*15	*1,433
New Caledonia	2010	..	787	*7	*33	*-2	748	3,037
	2011	..	797	*5	*32	*-12	772	3,090
	2012	..	804	*3	*31	*4	766	3,026
	2013	..	878	0	32	8	839	3,270
New Zealand	2010	5,305	1,969	117	1,061	-110	6,206	1,420
	2011	5,526	2,001	288	1,074	98	6,067	1,377
	2012	5,752	1,932	296	1,074	-10	6,324	1,426
	2013	5,526	2,249	259	1,115	84	6,317	1,415
Niue	2010	..	*3	..	0	..	*2	*1,478
	2011	..	*3	..	0	..	*2	*1,489
	2012	..	*3	..	0	..	*2	*1,493
	2013	..	*3	..	0	..	*2	*1,497
Palau	2010	..	*88	..	*16	..	*72	*3,508
	2011	..	*91	..	*17	..	*74	*3,567
	2012	..	*91	..	*17	..	*74	*3,541
	2013	..	*91	..	*17	..	*74	*3,514

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
Papua New Guinea	2010	890	659	0	*75	20	1,454	212
	2011	905	711	0	*79	-16	1,553	222
	2012	1,014	521	16	*59	-34	1,493	209
	2013	1,295	1,050	358	*63	15	1,909	261
Samoa	2010	..	*69	..	..	1	*68	*365
	2011	..	76	..	..	0	76	408
	2012	..	*81	..	..	0	*81	*427
	2013	..	78	..	..	0	78	408
Solomon Islands	2010	..	*69	..	*5	..	*64	*122
	2011	..	*70	..	*5	..	*64	*120
	2012	..	*70	..	*6	..	*65	*118
	2013	..	*72	..	*6	..	*66	*118
Tonga	2010	..	41	..	*4	..	38	365
	2011	..	39	..	*4	..	35	335
	2012	..	63	..	*4	..	59	562
	2013	..	72	..	*3	..	70	661
Vanuatu	2010	..	52	..	*10	0	42	178
	2011	..	55	..	*10	0	45	184
	2012	..	50	..	*10	0	40	162
	2013	..	48	..	*10	0	37	148
Wallis and Futuna Is.	2010	..	9	..	1	..	8	625
	2011	..	9	..	1	..	9	635
	2012	..	9	..	1	..	8	610
	2013	..	9	..	1	..	8	601

Table 26**Production of natural gas liquids – by end use**

Thousand metric tons

Table Notes

Production refers to production of natural gas liquids.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification.

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.

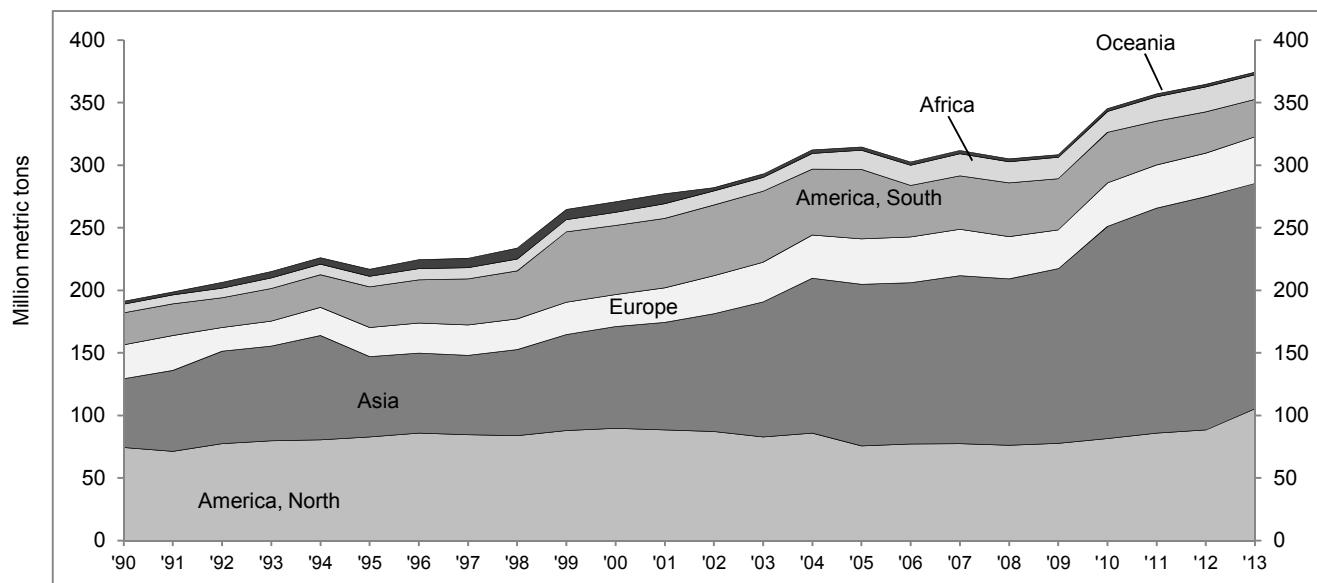
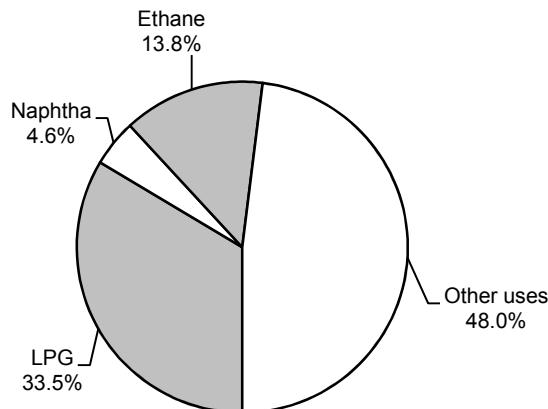
Figure 66: Natural gas liquids production by region, 1990-2013**Figure 67: World natural gas liquids production by type, 2013**

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	2010	345,263	110,877	15,244	43,218	6,143	-40,282	101,078
	2011	356,973	116,742	14,712	45,556	5,499	-43,583	104,188
	2012	364,734	118,967	16,428	46,039	10,670	-54,948	94,084
	2013	374,450	125,618	17,180	51,787	11,508	-58,067	99,218
Africa	2010	40,468	9,932	1,484	17	..	-18,952	9,900
	2011	35,134	9,914	630	0	..	-15,061	9,521
	2012	33,029	9,506	701	27	..	-17,010	5,623
	2013	29,884	9,510	1,196	0	..	-15,784	3,288
Algeria	2010	18,734	7,593	229	17	..	-6,080	4,657
	2011	17,746	7,497	196	0	..	-5,946	4,146
	2012	16,474	6,959	166	27	..	-5,105	4,118
	2013	15,656	6,887	171	0	..	-5,416	3,115
Angola	2010	535	535	..	..	..	..	..
	2011	566	566	..	..	..	..	..
	2012	568	568	..	..	..	..	..
	2013	669	669	..	..	..	..	..
Congo	2010	284	..	..	..	..	-280	19
	2011	308	..	..	..	..	-265	17
	2012	446	..	..	..	..	-421	25
	2013	467	..	..	..	..	-441	26
Côte d'Ivoire	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	12	12	..	..	..	..	..
	2013	13	13	..	..	..	..	..
Egypt	2010	6,402	1,374	..	..	..	..	5,028
	2011	6,464	1,475	..	..	..	..	5,002
	2012	2,077	1,481	..	..	..	..	571
	2013	*1,542	1,542	..	..	..	..	..
Libya	2010	6,226	314	1,255	..	..	-4,657	..
	2011	1,817	250	434	..	..	-1,133	..
	2012	4,622	353	535	..	..	-3,734	..
	2013	3,541	256	1,025	..	..	-2,260	..
Morocco	2010	..	..	..	..	..	..	..
	2011	56	..	..	..	..	104	160
	2012	75	..	..	..	..	637	712
	2013	..	..	..	..	..	..	..
South Africa	2010	196	..	..	..	..	..	196
	2011	196	..	..	..	..	..	196
	2012	197	..	..	..	..	..	197
	2013	147	..	..	..	..	..	147
Tunisia	2010	178	116	..	..	..	-22	..
	2011	200	126	..	..	..	-40	..
	2012	231	133	..	..	..	-60	..
	2013	272	143	..	..	..	-90	..
America, North	2010	81,663	25,013	..	20,716	4,427	-2,807	16,232
	2011	85,890	27,737	..	22,367	2,054	-3,336	19,907
	2012	88,336	26,492	..	22,693	2,581	-7,500	18,545
	2013	105,305	36,573	..	23,422	2,295	-12,727	21,036
Belize	2010	2	2	..	..	..	..	..
	2011	*2	2	..	..	..	..	..
	2012	*2	1	..	..	..	..	..
	2013	*2	1	..	..	..	..	..

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		
Canada	2010	12,512	..	..	..	..	-2,138	1,842
	2011	12,769	..	..	..	..	-2,133	1,435
	2012	12,813	..	..	..	..	-2,844	2,291
	2013	13,360	..	..	..	..	-2,506	2,364
Curaçao	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	..	..	..	..	..	12	..
	2013	..	..	..	..	..	36	..
Mexico	2010	10,730	5,776	..	2,483	2,471	..	..
	2011	10,927	5,810	..	2,505	0	..	2,583
	2012	10,398	5,305	..	2,402	0	..	2,817
	2013	10,225	5,366	..	2,264	0	..	2,393
Trinidad and Tobago	2010	1,617	955	..	..	720	..	..
	2011	1,506	892	..	..	667	..	..
	2012	1,210	696	..	..	565	..	..
	2013	1,180	671	..	..	561	..	..
United States	2010	56,802	18,280	..	18,233	1,236	-669	14,390
	2011	60,686	21,033	..	19,862	1,387	-1,203	15,889
	2012	63,913	20,490	..	20,291	2,016	-4,668	13,437
	2013	80,538	30,535	..	21,158	1,734	-10,257	16,279
America, South	2010	16,629	8,666	..	1,018	1,245	4	3,644
	2011	19,438	9,258	..	1,019	3,154	1	2,607
	2012	19,758	10,002	..	1,048	3,324	-9	1,887
	2013	19,813	10,306	..	1,046	3,454	-15	1,624
Argentina	2010	3,603	2,153	..	1,018	268	..	82
	2011	3,004	1,521	..	1,019	292	..	82
	2012	3,162	1,778	..	1,048	177	..	69
	2013	2,839	*1,681	..	1,046	0	..	61
Bolivia (Plur. State of)	2010	252	252	..	..	..	..	..
	2011	242	242	..	..	..	..	..
	2012	243	243	..	..	..	..	..
	2013	270	270	..	..	..	..	..
Brazil	2010	3,402	966	..	..	875	..	..
	2011	4,658	821	..	..	828	..	..
	2012	5,251	934	..	..	1,087	..	..
	2013	5,247	1,054	..	..	978	..	..
Chile	2010	344	..	..	..	..	..	..
	2011	316	..	..	..	..	..	..
	2012	199	..	..	..	..	..	..
	2013	160	7	..	..	..	..	..
Colombia	2010	94	0	..	..	44	4	..
	2011	96	*39	..	..	*62	1	..
	2012	*99	*39	..	..	76	-9	..
	2013	89	34	..	..	86	-15	..
Ecuador	2010	117	70	..	..	47	..	..
	2011	119	75	..	..	44	..	..
	2012	124	79	..	..	45	..	..
	2013	163	102	..	..	61	..	..
Peru	2010	1,265	1,235	..	..	..	..	..
	2011	3,137	1,219	..	..	1,921	..	..
	2012	3,265	1,332	..	..	1,931	..	..
	2013	3,946	1,622	..	..	2,317	..	..

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		
Uruguay	2010	..	..	..	..	..	11	..
	2011	..	..	..	..	..	7	..
	2012	..	..	..	..	..	8	..
	2013	..	..	..	..	..	12	..
Venezuela (Bolivar. Rep.)	2010	7,552	3,990	..	..	..	..	3,562
	2011	7,866	5,341	..	..	..	..	2,525
	2012	7,415	5,597	..	..	..	..	1,818
	2013	7,099	5,536	..	..	..	..	1,563
Asia	2010	169,438	58,783	11,636	19,205	140	-24,037	46,671
	2011	179,858	61,011	11,997	19,726	134	-31,112	46,846
	2012	186,420	64,226	13,308	19,676	130	-37,008	41,970
	2013	180,179	60,291	13,606	24,519	171	-37,337	43,901
Azerbaijan	2010	2,317	..	..	..	..	-1,848	409
	2011	2,245	..	..	..	..	-1,760	421
	2012	2,411	..	..	..	..	-2,028	332
	2013	2,781	..	..	..	..	-2,447	284
Bahrain	2010	383	167	216	..	..	..	..
	2011	398	176	222	..	..	..	..
	2012	387	172	215	..	..	..	..
	2013	354	154	200	..	..	..	..
Bangladesh	2010	240	4	..	..	79	-85	62
	2011	237	6	..	..	82	-39	96
	2012	234	8	..	..	86	-11	111
	2013	249	8	..	..	138	..	82
Brunei Darussalam	2010	520	14	..	..	..	-365	138
	2011	544	15	..	..	..	-402	125
	2012	572	16	..	..	..	-420	139
	2013	583	16	..	..	..	-412	156
India	2010	4,504	2,167	..	..	..	..	..
	2011	4,641	2,214	..	..	..	..	..
	2012	4,517	2,130	..	..	..	..	..
	2013	4,301	2,140	1,468	..	..	..	..
Indonesia	2010	4,340	1,825	..	..	..	*-2,493	*22
	2011	*4,500	1,581	..	..	..	*-2,693	*26
	2012	*4,666	1,831	..	..	..	*-2,909	*31
	2013	4,320	1,824	..	..	..	-2,567	374
Iran (Islamic Rep. of)	2010	18,014	3,193	..	5,180	..	-8,802	..
	2011	18,417	3,377	..	5,180	..	-8,889	..
	2012	18,234	3,323	..	4,220	..	-8,492	..
	2013	19,135	1,938	..	7,814	..	-9,038	..
Iraq	2010	1,449	1,081	..	..	..	..	..
	2011	1,426	1,111	..	..	..	..	315
	2012	1,573	1,117	..	..	..	..	347
	2013	1,341	1,045	..	..	..	..	296
Japan	2010	400	..	..	..	..	9,678	9,608
	2011	386	..	..	..	..	8,817	8,852
	2012	342	..	..	..	..	8,443	8,412
	2013	288	..	..	..	..	9,882	9,883
Kazakhstan	2010	11,600	1,277	..	..	..	*-11,131	*15
	2011	12,296	1,217	..	..	..	*-12,000	*15
	2012	12,749	1,313	..	..	..	*-12,000	*15
	2013	12,303	1,321	..	..	..	*-12,000	*15

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		
Kuwait	2010	5,889	3,954	..	1,935	..	..	..
	2011	6,224	4,289	..	1,935	..	..	..
	2012	6,692	4,757	..	1,935	..	..	..
	2013	6,555	4,620	..	1,935	..	..	..
Malaysia	2010	2,528	2,528	..	..	..	..	..
	2011	2,434	2,434	..	..	..	..	..
	2012	2,080	2,080	..	..	..	..	..
	2013	1,237	1,237	..	..	..	..	..
Myanmar	2010	8	4	..	..	4	..	..
	2011	8	7	5	..	4	4	..
	2012	8	8	4	..	4	2	..
	2013	8	0	3	..	..	2	..
Oman	2010	251	251	..	..	..	..	..
	2011	251	251	..	..	..	..	..
	2012	251	251	..	..	..	..	..
	2013	268	268	..	..	..	..	..
Pakistan	2010	253	253	..	..	..	..	..
	2011	217	217	..	..	..	..	..
	2012	*218	*184	..	..	..	..	..
	2013	208	208	..	..	..	..	..
Qatar	2010	32,278	8,391	..	1,029	..	-13,223	9,635
	2011	37,533	10,017	..	1,023	..	-17,385	9,108
	2012	39,701	10,463	..	1,025	..	-18,625	9,588
	2013	39,872	10,521	..	1,016	..	-19,508	8,827
Saudi Arabia	2010	54,108	23,720	8,932	10,400	..	-1,348	9,708
	2011	56,080	24,974	9,233	10,914	..	-1,524	9,435
	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
Singapore	2010	..	..	..	..	..	4,819	*4,819
	2011	..	..	..	..	..	*4,819	*4,819
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Syrian Arab Republic	2010	332	332	..	..	..	..	..
	2011	323	323	..	..	..	..	..
	2012	238	238	..	..	..	..	..
	2013	133	133	..	..	..	..	..
Thailand	2010	8,942	4,472	..	..	..	1,232	..
	2011	*8,942	3,427	..	..	..	*428	..
	2012	*8,942	*3,822	..	..	..	*508	..
	2013	6,192	3,524	..	2,074	..	-170	..
Turkmenistan	2010	530	278	..	..	..	..	252
	2011	775	548	..	..	..	..	227
	2012	808	614	..	..	..	..	194
	2013	918	900	..	..	..	..	18
United Arab Emirates	2010	19,112	3,960	2,488	661	..	..	12,003
	2011	20,655	4,037	2,537	674	..	..	13,407
	2012	21,708	4,191	2,634	700	..	..	14,183
	2013	*22,238	*4,351	*2,735	704	..	..	14,425
Viet Nam	2010	299	242	..	..	57	..	..
	2011	305	257	..	..	48	..	..
	2012	306	270	..	..	40	..	..
	2013	313	297	..	..	33	..	..

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		
Yemen	2010	670	670	..	..	..	..	..
	2011	533	533	..	..	..	..	..
	2012	610	610	..	..	..	..	..
	2013	708	708	..	..	..	..	..
Europe	2010	34,670	6,553	2,124	1,938	331	5,513	24,631
	2011	34,353	6,583	2,085	1,981	157	5,939	25,307
	2012	34,964	6,527	2,419	2,149	4,634	6,586	26,059
	2013	37,182	6,861	2,378	2,365	5,586	7,805	29,369
Austria	2010	134	..	..	..	..	0	89
	2011	120	..	..	..	..	113	194
	2012	80	..	..	..	..	44	124
	2013	30	..	..	..	..	51	81
Belgium	2010	..	..	..	..	..	47	57
	2011	..	..	..	..	..	115	114
	2012	..	..	..	..	..	0	1
	2013	..	..	..	..	..	360	333
Croatia	2010	124	56	..	45	..	..	23
	2011	104	52	..	29	..	..	23
	2012	65	42	..	0	..	..	23
	2013	61	41	..	0	..	..	20
Finland	2010	..	..	..	..	..	442	690
	2011	..	..	..	..	..	568	740
	2012	..	..	..	..	..	845	863
	2013	..	..	..	..	..	688	780
France	2010	29	..	..	..	..	0	0
	2011	28	..	..	..	..	0	0
	2012	27	..	..	..	..	0	0
	2013	19	..	..	..	..	116	105
Hungary	2010	342	258	..	..	..	94	169
	2011	287	233	..	..	..	93	146
	2012	309	208	..	..	..	110	185
	2013	272	246	..	..	..	116	128
Netherlands	2010	394	..	..	..	331	8,911	4,493
	2011	379	..	..	..	157	7,918	4,175
	2012	356	240	..	..	4,634	7,793	4,192
	2013	397	490	..	..	5,585	7,626	4,021
Norway	2010	8,194	5,182	2,124	888	..	..	..
	2011	8,477	5,274	2,085	1,118	..	..	..
	2012	9,082	5,297	2,419	1,366	..	..	..
	2013	8,982	5,082	2,378	1,522	..	..	..
Romania	2010	119	..	..	..	..	..	108
	2011	147	..	..	..	..	..	150
	2012	122	..	..	..	..	..	114
	2013	88	..	..	..	..	..	83
Russian Federation	2010	19,415	..	..	..	..	-2,684	16,731
	2011	20,451	..	..	..	..	-2,631	17,825
	2012	21,322	..	..	..	..	-2,409	18,892
	2013	24,205	..	..	..	..	-2,075	22,125
Serbia	2010	14	6	..	..	..	-1	14
	2011	31	6	..	..	..	8	39
	2012	34	..	..	..	..	5	39
	2013	36	73	..	..	..	66	38

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		
Slovakia	2010	3	..	..	..	..	..	3
	2011	3	..	..	..	..	..	3
	2012	4	..	..	..	..	..	4
	2013	3	..	..	..	..	..	3
Spain	2010	..	..	..	..	0	..	..
	2011	..	..	..	..	0	..	..
	2012	..	..	..	..	0	..	..
	2013	..	..	..	..	1	..	..
Ukraine	2010	987	..	..	..	..	23	908
	2011	925	..	..	..	..	0	873
	2012	1,055	..	..	..	..	25	872
	2013	899	..	..	..	..	32	782
United Kingdom	2010	4,915	1,051	..	1,005	..	-1,319	1,346
	2011	3,401	1,018	..	834	..	-245	1,025
	2012	2,508	740	..	783	..	173	750
	2013	2,190	929	..	843	..	825	870
Oceania	2010	2,395	1,930	..	324	0	-4	..
	2011	2,300	2,239	..	463	0	-14	..
	2012	2,227	2,214	..	446	1	-7	..
	2013	2,087	2,077	..	435	2	-9	..
Australia	2010	2,239	1,781	..	324	0	..	..
	2011	2,136	2,091	..	463	0	..	..
	2012	2,048	2,048	..	446	0	..	..
	2013	1,900	1,900	..	435	..	..	..
New Zealand	2010	156	149	..	..	..	-4	..
	2011	164	148	..	..	..	-14	..
	2012	179	166	..	..	1	-7	..
	2013	187	177	..	..	2	-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.

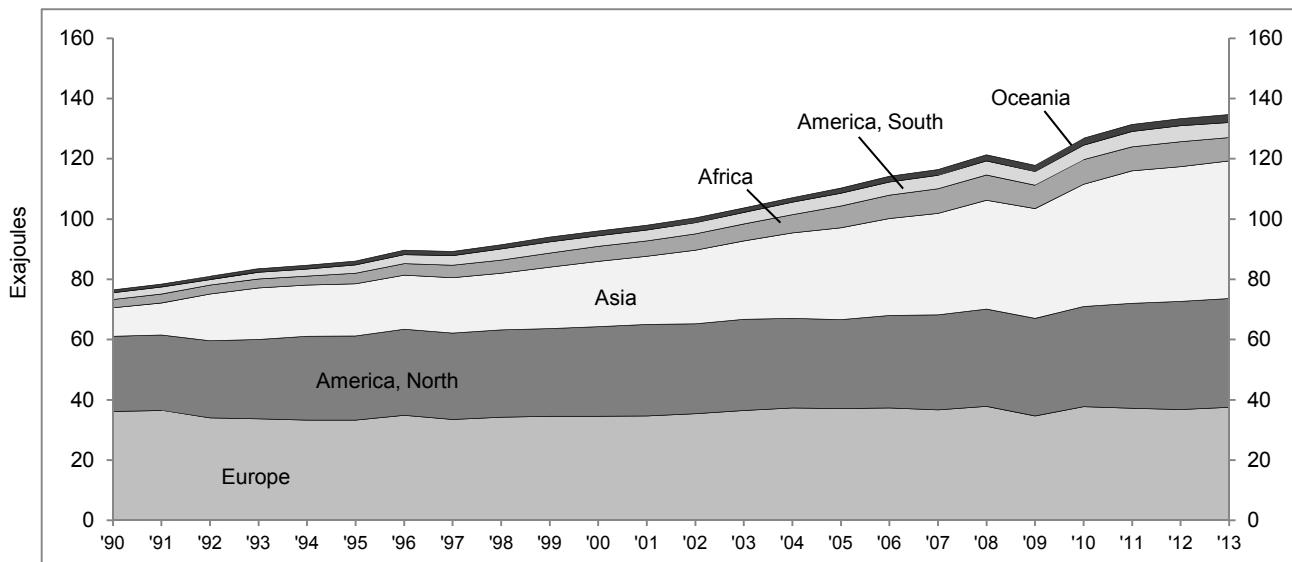
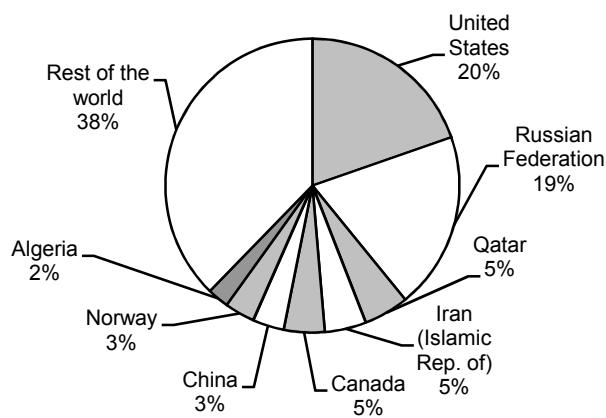
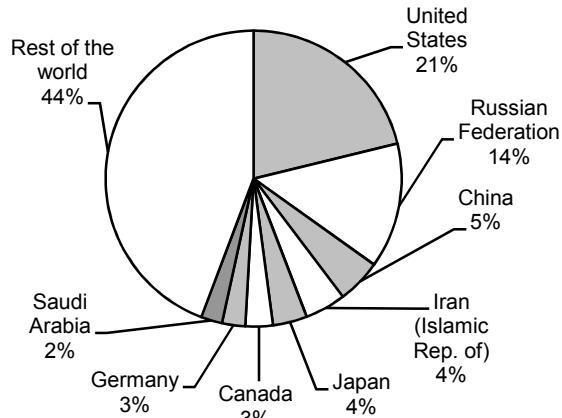
Figure 68: Production of natural gas by region, 1990-2013**Figure 69: Major natural gas producing countries, 2013****Figure 70: Major natural gas consuming countries, 2013**

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	2010	126,787,219	38,112,705	38,175,311	-898,460	127,623,072	18,419
	2011	131,421,373	40,025,188	40,151,104	840,251	130,455,206	18,603
	2012	133,279,335	39,594,662	40,457,481	-159,459	132,575,975	18,680
	2013	134,692,720	40,922,331	41,906,713	-715,303	134,423,641	18,718
Africa	2010	8,115,239	256,020	4,269,638	24	4,101,597	3,931
	2011	8,012,623	283,644	3,774,422	835	4,521,010	4,224
	2012	8,289,749	321,138	3,858,562	539	4,751,785	4,324
	2013	7,718,621	332,252	3,412,147	207	4,638,519	4,115
Algeria	2010	3,348,004	..	2,263,145	..	1,084,859	30,105
	2011	3,237,585	..	2,084,557	..	1,153,028	31,403
	2012	3,374,117	..	2,070,772	..	1,303,345	34,812
	2013	3,205,532	..	1,875,080	..	1,330,452	34,841
Angola	2010	27,854	..	0	..	27,854	1,313
	2011	28,576	..	0	..	28,576	1,302
	2012	28,880	..	0	..	28,880	1,273
	2013	35,150	..	19,646	..	15,504	661
Cameroon	2010	12,070	..	..	..	12,070	586
	2011	8,621	..	..	..	8,621	408
	2012	10,345	..	..	..	10,345	478
	2013	17,816	..	..	..	17,816	802
Congo	2010	3,923	..	..	..	3,923	965
	2011	5,734	..	..	..	5,734	1,373
	2012	8,293	..	..	..	8,293	1,935
	2013	8,584	..	..	..	8,584	1,953
Côte d'Ivoire	2010	61,712	..	..	..	61,712	3,065
	2011	60,836	..	..	..	60,836	2,953
	2012	66,359	..	..	..	66,359	3,145
	2013	74,403	..	..	..	74,403	3,441
Dem. Rep. of the Congo	2010	331	..	..	..	331	5
	2011	331	..	..	..	331	5
	2012	331	..	..	..	331	5
	2013	331	..	..	..	331	5
Egypt	2010	2,158,923	0	493,038	..	1,665,885	20,306
	2011	2,210,762	0	326,726	..	1,884,036	22,486
	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
Equatorial Guinea	2010	255,046	..	193,430	..	61,616	84,554
	2011	*334,839	..	*256,290	..	*78,549	*104,604
	2012	*268,344	..	*184,417	..	*83,926	*108,470
	2013	*268,504	..	*202,203	..	*66,301	*83,179
Gabon	2010	12,496	..	..	..	12,496	8,104
	2011	14,068	..	..	..	14,068	8,919
	2012	14,469	..	..	..	14,469	8,968
	2013	15,838	..	..	..	15,838	9,597
Gambia	2010	..	*102	..	..	*102	*60
	2011	..	*102	..	..	*102	*58
	2012	..	*102	..	..	*102	*56
	2013	..	*102	..	..	*102	*55
Ghana	2010	..	16,476	..	..	16,476	678
	2011	..	32,203	..	..	32,203	1,292
	2012	..	16,344	..	..	16,344	640
	2013	..	12,211	..	..	12,211	467

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
Guinea	2010	3	..	..	..	3	0
	2011	3	..	..	..	3	0
	2012	*3	..	..	..	*3	0
	2013	*3	..	..	..	*3	0
Libya	2010	638,780	..	372,400	..	266,380	42,514
	2011	298,680	..	91,960	..	206,720	32,872
	2012	463,600	..	245,860	..	217,740	34,653
	2013	395,200	..	216,600	..	178,600	28,503
Morocco	2010	2,088	24,403	..	..	26,491	812
	2011	2,343	31,203	..	..	33,546	1,015
	2012	2,511	45,986	..	..	48,497	1,447
	2013	3,852	44,289	..	..	48,141	1,416
Mozambique	2010	124,783	..	121,627	..	3,156	130
	2011	130,866	..	127,161	..	3,705	148
	2012	146,793	..	143,301	..	3,492	136
	2013	163,740	..	156,478	..	7,262	274
Nigeria	2010	1,236,538	..	825,957	..	410,581	2,575
	2011	1,456,954	..	887,711	..	569,243	3,476
	2012	1,565,634	..	978,696	..	586,938	3,489
	2013	1,412,306	..	863,360	..	548,946	3,176
Rwanda	2010	23	..	..	..	23	2
	2011	*23	..	..	..	*23	*2
	2012	*23	..	..	..	*23	*2
	2013	*24	..	..	..	*24	*2
Senegal	2010	995	..	..	24	971	75
	2011	1,588	..	..	835	753	56
	2012	1,622	..	..	539	1,083	79
	2013	1,726	..	..	207	1,519	107
South Africa	2010	58,640	121,627	41	..	180,226	3,491
	2011	51,745	127,161	17	..	178,889	3,425
	2012	44,468	143,301	13	..	187,756	3,553
	2013	47,702	142,687	0	..	190,389	3,564
Tunisia	2010	143,116	93,412	..	..	236,528	22,232
	2011	136,022	92,975	..	..	228,997	21,284
	2012	131,759	115,405	..	..	247,164	22,714
	2013	131,467	114,998	..	..	246,465	22,394
United Rep. of Tanzania	2010	29,915	..	..	..	29,915	655
	2011	33,047	..	..	..	33,047	701
	2012	37,799	..	..	..	37,799	777
	2013	37,964	..	..	..	37,964	756
America, North	2010	33,193,170	5,553,576	5,746,059	-318,955	33,319,642	60,928
	2011	34,837,391	5,713,025	5,941,625	299,538	34,309,253	62,101
	2012	35,898,504	5,557,001	5,921,686	-71,142	35,604,961	63,818
	2013	36,113,519	5,238,474	5,651,512	-704,281	36,404,762	64,634
Barbados	2010	630	..	..	..	630	2,253
	2011	644	..	..	..	644	2,294
	2012	737	..	..	..	737	2,618
	2013	864	..	..	..	864	3,057
Belize	2010	253	..	..	..	253	787
	2011	*202	..	..	..	*202	*612
	2012	*129	..	..	..	*129	*383
	2013	*116	..	..	..	*116	*337

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
Canada	2010	6,160,446	871,342	3,682,104	-309,601	3,659,285	107,228
	2011	6,158,962	1,208,073	3,575,422	-97,339	3,888,952	112,724
	2012	6,045,377	1,213,081	3,420,358	-46,647	3,884,747	111,412
	2013	6,063,766	1,037,237	3,203,174	-151,274	4,049,103	114,931
Cuba	2010	41,868	..	..	..	41,868	3,703
	2011	39,801	..	..	..	39,801	3,515
	2012	40,387	..	..	..	40,387	3,561
	2013	41,596	..	..	..	41,596	3,661
Dominican Republic	2010	..	30,214	..	-534	30,749	3,107
	2011	..	33,487	..	516	32,971	3,288
	2012	..	42,188	..	-1,745	43,933	4,326
	2013	..	40,429	..	981	39,447	3,837
Mexico	2010	1,979,386	578,624	34,234	15,546	2,508,230	21,146
	2011	1,975,835	691,868	9,740	10,637	2,647,326	21,994
	2012	1,904,015	865,987	3,180	19,508	2,747,314	22,506
	2013	1,909,734	995,554	4,283	12,748	2,888,257	23,341
Puerto Rico	2010	..	29,995	..	..	29,995	8,086
	2011	..	29,257	..	..	29,257	7,903
	2012	..	53,059	..	..	53,059	14,357
	2013	..	60,856	..	..	60,856	16,489
Trinidad and Tobago	2010	1,666,021	..	813,092	..	852,929	642,220
	2011	1,587,551	..	745,882	..	841,669	630,563
	2012	1,596,523	..	772,604	..	823,919	614,141
	2013	1,604,456	..	769,610	..	834,846	619,212
United States	2010	23,344,566	4,043,400	1,216,629	-24,366	26,195,703	84,536
	2011	25,074,397	3,750,340	1,610,581	385,724	26,828,432	85,881
	2012	26,311,336	3,382,686	1,725,544	-42,258	28,010,736	88,980
	2013	26,492,987	3,104,399	1,674,445	-566,736	28,489,677	89,834
America, South	2010	4,856,514	868,920	628,203	3,966	5,093,264	12,827
	2011	5,022,494	923,428	793,502	8,151	5,144,269	12,815
	2012	5,264,905	1,101,195	856,259	1,671	5,508,170	13,575
	2013	5,037,920	1,284,754	972,580	893	5,349,201	13,045
Argentina	2010	1,645,453	139,777	18,133	..	1,767,097	42,867
	2011	1,623,757	266,132	7,795	..	1,882,094	45,182
	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
Bolivia (Plur. State of)	2010	574,209	..	455,388	0	118,821	11,980
	2011	623,529	..	490,116	7,916	125,497	12,452
	2012	711,747	..	568,814	0	142,933	13,960
	2013	810,573	..	666,515	0	144,058	13,852
Brazil	2010	580,681	489,800	..	..	1,070,481	5,390
	2011	620,321	405,917	..	..	1,026,238	5,118
	2012	705,582	510,593	..	..	1,216,175	6,009
	2013	787,981	656,887	..	..	1,444,868	7,074
Chile	2010	72,549	139,900	..	3,966	208,483	12,253
	2011	62,245	154,754	..	235	216,764	12,602
	2012	48,825	153,170	..	1,671	200,324	11,521
	2013	38,154	151,736	..	893	188,997	10,753
Colombia	2010	502,571	..	55,616	..	446,955	9,734
	2011	501,343	..	73,428	..	427,915	9,221
	2012	532,554	..	67,045	..	465,509	9,930
	2013	521,179	..	51,492	..	469,687	9,921

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
Ecuador	2010	19,724	..	..	..	19,724	1,321
	2011	17,456	..	..	..	17,456	1,150
	2012	23,741	..	..	..	23,741	1,540
	2013	26,822	..	..	..	26,822	1,713
Peru	2010	354,751	..	99,066	..	255,685	8,705
	2011	459,289	..	222,163	..	237,126	7,968
	2012	479,468	..	216,319	..	263,149	8,725
	2013	492,937	..	251,768	..	241,169	7,890
Suriname	2010	183	..	..	..	183	352
	2011	172	..	..	..	172	328
	2012	175	..	..	..	175	331
	2013	179	..	..	..	179	335
Uruguay	2010	..	2,695	..	..	2,695	799
	2011	..	2,983	..	..	2,983	881
	2012	..	2,184	..	..	2,184	643
	2013	..	2,294	..	..	2,294	673
Venezuela (Bolivar. Rep.)	2010	1,106,393	96,748	..	..	1,203,141	41,494
	2011	1,114,382	93,642	..	..	1,208,024	41,051
	2012	1,173,407	81,659	..	..	1,255,066	42,040
	2013	911,044	75,086	..	..	986,130	32,571
Asia	2010	40,631,779	11,542,821	11,223,718	54,150	40,896,732	9,808
	2011	43,922,663	13,296,888	12,997,462	-6,336	44,228,424	10,493
	2012	44,723,793	13,731,280	12,880,771	-59,762	45,634,063	10,712
	2013	45,641,063	15,340,804	13,985,801	104,501	46,891,564	10,892
Afghanistan	2010	5,541	..	..	..	5,541	198
	2011	6,282	..	..	..	6,282	218
	2012	6,243	..	..	..	6,243	210
	2013	6,029	..	..	..	6,029	196
Armenia	2010	..	*63,761	0	*3,698	*60,063	*20,268
	2011	..	80,469	4,143	0	76,325	25,716
	2012	..	95,532	2,710	0	92,822	31,166
	2013	..	91,953	2,079	0	89,875	30,036
Azerbaijan	2010	650,779	..	241,672	43,876	365,231	40,136
	2011	638,553	..	266,272	-14,452	386,733	41,911
	2012	673,082	..	258,460	11,484	403,138	43,064
	2013	698,627	..	285,450	8,281	404,896	42,632
Bahrain	2010	487,790	..	..	0	487,790	386,730
	2011	493,066	..	..	-44	493,110	377,569
	2012	496,317	..	..	-1	496,318	372,170
	2013	541,344	..	..	-1	541,345	401,167
Bangladesh	2010	773,579	..	..	-27,312	800,891	5,282
	2011	779,158	..	..	-26,361	805,519	5,251
	2012	817,943	..	..	-30,030	847,973	5,462
	2013	882,129	..	..	306	881,823	5,611
Brunei Darussalam	2010	477,733	..	353,186	0	124,547	316,670
	2011	497,813	..	350,476	-838	148,175	370,954
	2012	488,733	..	343,653	472	144,608	356,606
	2013	474,775	..	359,143	1,296	114,336	277,852
China	2010	3,592,836	614,537	150,158	..	4,057,215	3,026
	2011	3,957,609	1,161,703	118,785	..	5,000,528	3,709
	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

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
China, Hong Kong SAR	2010	..	119,324	..	-12,359	131,683	18,829
	2011	..	95,030	..	-12,096	107,126	15,208
	2012	..	99,313	..	0	99,313	13,984
	2013	..	96,693	..	0	96,693	13,497
China, Macao SAR	2010	..	6,029	..	0	6,029	11,277
	2011	..	2,888	..	0	2,888	5,282
	2012	..	0	..	0	0	0
	2013	..	*1,400	..	0	*1,400	*2,465
Georgia	2010	251	46,972	..	0	47,223	11,111
	2011	202	70,135	..	208	70,129	16,712
	2012	202	76,462	..	0	76,664	18,523
	2013	183	64,371	..	0	64,554	15,811
India	2010	2,037,638	0	..	..	2,037,638	1,655
	2011	1,857,361	0	..	..	1,857,361	1,489
	2012	1,587,335	0	..	..	1,587,335	1,256
	2013	1,350,882	718,562	..	..	2,069,444	1,617
Indonesia	2010	3,140,796	..	1,642,022	..	1,498,774	6,203
	2011	3,305,194	..	1,647,351	..	1,657,843	6,772
	2012	3,130,119	..	1,502,600	..	1,627,519	6,562
	2013	2,819,216	..	1,502,882	..	1,316,334	5,239
Iran (Islamic Rep. of)	2010	5,615,668	351,072	331,327	..	5,635,413	75,894
	2011	5,870,514	460,877	369,763	..	5,961,628	79,294
	2012	6,102,416	182,111	364,105	..	5,920,422	77,740
	2013	6,147,993	209,660	362,193	..	5,995,460	77,709
Iraq	2010	301,176	..	..	..	301,176	9,757
	2011	232,893	..	..	..	232,893	7,308
	2012	229,187	..	..	..	229,187	6,954
	2013	277,522	..	..	..	277,522	8,137
Israel	2010	124,306	80,583	..	..	204,889	27,612
	2011	163,448	26,484	..	..	189,932	25,112
	2012	95,536	2,303	..	..	97,839	12,715
	2013	244,788	22,262	..	..	267,050	34,159
Japan	2010	216,619	3,852,397	..	-815	4,069,831	31,965
	2011	220,055	4,546,554	..	39,541	4,727,068	37,147
	2012	214,285	4,748,508	..	-9,576	4,972,369	39,109
	2013	201,866	4,826,000	..	8,316	5,019,550	39,529
Jordan	2010	6,345	100,125	..	..	106,470	16,335
	2011	6,229	34,369	..	..	40,598	6,005
	2012	5,624	25,032	..	..	30,657	4,383
	2013	4,668	33,293	..	..	37,961	5,262
Kazakhstan	2010	1,459,620	137,089	243,105	543	1,353,061	82,956
	2011	1,542,539	176,296	237,129	-19,411	1,501,117	90,678
	2012	1,572,507	169,698	418,484	-4,917	1,328,638	78,985
	2013	1,654,686	201,109	398,355	48,697	1,408,743	82,385
Korea, Republic of	2010	39,509	1,827,793	..	53,006	1,814,296	36,959
	2011	42,306	1,949,271	..	33,503	1,958,074	39,672
	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
Kuwait	2010	466,236	105,640	..	..	571,876	186,920
	2011	536,445	131,480	..	..	667,925	206,202
	2012	605,324	100,700	..	..	706,024	206,465
	2013	619,818	82,840	..	..	702,658	195,526

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
Kyrgyzstan	2010	890	10,602	..	..	11,492	2,103
	2011	1,038	11,905	..	..	12,943	2,330
	2012	1,132	15,452	..	..	16,584	2,936
	2013	1,288	11,433	..	..	12,721	2,214
Lebanon	2010	..	9,867	..	..	9,867	2,275
	2011	..	0	..	..	0	0
	2012	..	0	..	..	0	0
	2013	..	0	..	..	0	0
Malaysia	2010	2,128,013	*231,231	*1,123,165	..	1,236,079	43,958
	2011	2,197,136	292,189	1,172,400	..	1,316,925	46,090
	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
Myanmar	2010	497,353	..	413,187	..	84,166	1,627
	2011	513,425	..	401,710	..	111,715	2,143
	2012	511,997	..	398,273	..	113,724	2,164
	2013	483,794	..	398,390	..	85,404	1,612
Oman	2010	1,165,597	78,660	490,826	..	753,431	255,943
	2011	1,214,610	80,730	455,886	..	839,454	261,512
	2012	1,218,502	80,730	452,863	..	846,369	238,737
	2013	1,317,306	80,730	474,547	..	923,489	236,373
Other Asia	2010	11,037	602,086	..	-5,023	618,146	26,644
	2011	12,302	662,617	..	22,420	652,499	28,054
	2012	14,806	629,062	..	27,671	616,197	26,442
	2013	12,764	633,001	..	34,972	610,793	26,173
Pakistan	2010	1,355,455	..	..	750	1,354,705	7,967
	2011	1,416,147	..	..	285	1,415,862	8,153
	2012	*1,421,196	..	..	-370	*1,421,566	*8,014
	2013	1,198,472	..	..	-351	1,198,823	6,616
Philippines	2010	143,652	..	..	..	143,652	1,544
	2011	155,101	..	..	..	155,101	1,641
	2012	148,682	..	..	..	148,682	1,548
	2013	136,949	..	..	..	136,949	1,404
Qatar	2010	4,991,505	..	3,906,084	..	1,085,421	614,791
	2011	6,259,605	..	4,904,096	..	1,355,509	711,390
	2012	6,572,435	..	4,912,283	..	1,660,152	823,642
	2013	6,687,240	..	5,282,840	..	1,404,400	668,352
Saudi Arabia	2010	2,786,667	..	..	..	2,786,667	99,203
	2011	2,838,272	..	..	..	2,838,272	98,591
	2012	3,081,609	..	..	..	3,081,609	104,475
	2013	3,114,266	..	..	..	3,114,266	103,118
Singapore	2010	..	335,507	..	..	335,507	66,058
	2011	..	338,980	..	..	338,980	65,306
	2012	..	367,584	..	..	367,584	69,362
	2013	..	413,405	..	..	413,405	76,485
Syrian Arab Republic	2010	337,038	26,013	..	..	363,051	17,521
	2011	296,699	9,425	..	..	306,124	14,932
	2012	216,775	0	..	..	216,775	10,850
	2013	213,005	0	..	..	213,005	11,024
Tajikistan	2010	866	6,612	..	..	7,478	986
	2011	703	6,840	..	..	7,543	973
	2012	422	5,054	..	..	5,476	690
	2013	144	11,625	..	..	11,769	1,451

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
Thailand	2010	1,169,540	476,667	..	..	1,646,207	24,684
	2011	*1,193,224	374,269	..	..	*1,567,493	*23,429
	2012	*1,332,995	383,142	..	..	*1,716,137	*25,551
	2013	1,320,549	440,315	..	..	1,760,864	26,106
Turkey	2010	26,134	1,456,993	24,846	-2,214	1,460,495	20,198
	2011	29,096	1,680,569	27,353	-29,091	1,711,403	23,279
	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
Turkmenistan	2010	1,716,372	..	909,668	..	806,704	159,997
	2011	2,508,631	..	1,620,432	..	888,199	173,929
	2012	2,616,235	..	1,700,139	..	916,096	177,094
	2013	2,972,013	..	2,030,716	..	941,297	179,634
United Arab Emirates	2010	2,001,141	1,003,261	628,695	..	2,375,707	285,218
	2011	2,040,664	1,103,808	616,541	..	2,527,931	289,412
	2012	2,112,853	1,100,493	608,807	..	2,604,539	290,927
	2013	2,130,598	1,133,641	680,074	..	2,584,165	285,860
Uzbekistan	2010	2,277,508	..	545,602	..	1,731,906	62,434
	2011	2,388,523	..	454,668	..	1,933,855	68,678
	2012	2,383,597	..	386,468	..	1,997,129	69,848
	2013	2,259,321	..	511,502	..	1,747,819	60,200
Viet Nam	2010	366,875	..	..	..	366,875	4,152
	2011	330,898	..	..	..	330,898	3,705
	2012	365,041	..	..	..	365,041	4,041
	2013	391,953	..	..	..	391,953	4,289
Yemen	2010	259,715	..	220,175	..	39,540	1,676
	2011	376,922	..	350,457	..	26,465	1,092
	2012	304,674	..	273,805	..	30,869	1,241
	2013	414,115	..	372,423	..	41,692	1,633
Europe	2010	37,736,064	19,665,642	15,335,785	-643,537	42,709,458	58,074
	2011	37,241,669	19,547,159	15,558,436	534,782	40,695,611	55,267
	2012	36,797,537	18,651,599	15,892,742	-28,820	39,585,214	53,707
	2013	37,564,334	18,465,377	16,582,119	-118,661	39,566,253	53,642
Albania	2010	538	..	..	..	538	185
	2011	627	..	..	..	627	217
	2012	614	..	..	..	614	213
	2013	678	..	..	..	678	235
Austria	2010	69,128	478,940	194,495	-28,562	382,135	45,536
	2011	67,812	516,114	142,287	79,450	362,189	42,997
	2012	72,778	541,064	243,562	25,354	344,926	40,793
	2013	52,290	396,671	150,445	-27,669	326,185	38,434
Belarus	2010	8,226	833,077	..	-3,051	844,354	88,953
	2011	8,574	772,363	..	-18,500	799,437	84,261
	2012	8,420	782,173	..	2,626	787,967	83,023
	2013	8,806	782,482	..	-3,785	795,073	83,716
Belgium	2010	..	909,253	128,123	-9,652	790,782	72,350
	2011	..	876,039	168,533	3,680	703,826	63,954
	2012	..	709,209	50,174	-9,272	668,307	60,319
	2013	..	709,887	36,740	3,476	669,671	60,043
Bosnia and Herzegovina	2010	..	9,283	..	..	9,283	2,420
	2011	..	10,564	..	..	10,564	2,757
	2012	..	9,730	..	..	9,730	2,542
	2013	..	7,572	..	..	7,572	1,980

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
Bulgaria	2010	2,749	99,133	..	-5,131	107,013	14,447
	2011	16,316	105,337	..	-707	122,360	16,636
	2012	14,341	95,029	..	-4,658	114,028	15,612
	2013	10,422	103,540	..	2,876	111,086	15,317
Croatia	2010	103,028	40,407	18,288	2,690	122,457	28,370
	2011	93,364	33,097	9,769	-2,875	119,567	27,793
	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
Czech Republic	2010	9,382	324,541	6,063	-47,535	375,395	35,729
	2011	8,811	355,528	6,378	41,199	316,762	30,070
	2012	9,951	284,123	284	-25,156	318,946	30,246
	2013	9,579	324,154	310	10,276	323,147	30,644
Denmark	2010	341,583	6,328	146,899	-4,699	205,711	37,059
	2011	274,405	34,967	130,057	6,382	172,933	31,011
	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
Estonia	2010	..	26,168	..	..	26,168	19,644
	2011	..	23,413	..	..	23,413	17,629
	2012	..	25,372	..	..	25,372	19,163
	2013	..	25,814	..	..	25,814	19,555
Finland	2010	0	178,520	0	..	178,520	33,258
	2011	3	156,304	0	..	156,307	28,968
	2012	18	139,801	2	..	139,817	25,774
	2013	126	132,901	0	..	133,027	24,395
France	2010	30,044	1,959,008	118,983	-108,882	1,978,951	31,413
	2011	23,523	1,937,315	156,859	80,792	1,723,187	27,220
	2012	21,023	1,970,780	253,152	-39,363	1,778,014	27,957
	2013	13,517	1,978,049	209,898	-32,994	1,814,662	28,406
Germany	2010	516,989	3,665,881	798,158	-146,383	3,531,095	43,900
	2011	506,740	3,495,078	686,337	77,877	3,237,604	40,256
	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
Greece	2010	354	150,292	..	177	150,469	13,462
	2011	299	184,847	..	357	184,789	16,568
	2012	321	170,908	..	868	170,361	15,334
	2013	270	150,477	..	195	150,552	13,618
Hungary	2010	103,967	368,092	8,668	6,774	456,617	45,595
	2011	98,402	306,979	21,661	-51,425	435,145	43,563
	2012	82,252	313,776	32,128	-25,796	389,696	39,133
	2013	71,840	314,831	56,337	-23,247	353,581	35,627
Ireland	2010	10,850	208,403	..	1,418	217,835	47,178
	2011	7,930	183,928	..	389	191,469	41,152
	2012	8,534	178,557	..	340	186,751	40,008
	2013	7,163	172,594	..	-176	179,933	38,519
Italy	2010	320,268	2,870,987	5,372	19,887	3,165,996	53,104
	2011	321,905	2,681,059	4,726	29,604	2,968,634	49,718
	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
Latvia	2010	..	42,014	..	-25,993	68,007	32,531
	2011	..	65,579	..	5,642	59,937	29,044
	2012	..	64,115	..	7,772	56,343	27,659
	2013	..	64,778	..	8,736	56,042	27,856

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
Liechtenstein	2010	..	*1,081	..	..	*1,081	*29,805
	2011	..	*956	..	..	*956	*26,176
	2012	..	*973	..	..	*973	*26,452
	2013	..	1,032	..	..	1,032	27,870
Lithuania	2010	..	115,580	..	-338	115,918	37,119
	2011	..	126,778	..	335	126,443	41,179
	2012	..	123,540	..	74	123,466	40,930
	2013	..	100,731	..	38	100,693	33,974
Luxembourg	2010	0	55,665	..	..	55,665	109,601
	2011	30	48,021	..	..	48,051	92,409
	2012	169	48,895	..	..	49,064	92,143
	2013	176	41,398	..	..	41,574	76,299
Netherlands	2010	2,955,606	858,439	1,984,740	669	1,828,636	109,950
	2011	2,691,352	767,094	1,862,051	52	1,596,343	95,647
	2012	2,683,486	869,745	2,013,979	3,963	1,535,289	91,663
	2013	2,881,807	899,944	2,242,661	-7,059	1,546,149	91,983
Norway	2010	4,429,083	..	4,070,028	-1,627	360,682	73,740
	2011	4,174,449	..	3,948,118	1,250	225,081	45,435
	2012	4,687,823	..	4,474,726	-788	213,885	42,620
	2013	4,447,408	..	4,180,121	471	266,816	52,487
Poland	2010	171,797	414,583	1,752	-11,048	595,676	15,442
	2011	179,095	449,540	1,099	30,387	597,149	15,472
	2012	181,744	467,218	119	12,436	636,407	16,483
	2013	177,852	477,259	3,582	13,002	638,527	16,534
Portugal	2010	..	209,571	..	765	208,806	19,727
	2011	..	210,887	..	3,238	207,649	19,666
	2012	..	182,460	..	-486	182,946	17,399
	2013	..	177,377	..	2,654	174,723	16,704
Republic of Moldova	2010	3	40,218	..	-62	40,283	9,862
	2011	2	39,011	..	25	38,988	9,561
	2012	4	37,091	..	1	37,094	9,103
	2013	4	34,921	..	-66	34,991	8,589
Romania	2010	400,938	84,471	..	-16,467	501,876	24,724
	2011	403,180	114,615	..	1,188	516,607	25,687
	2012	403,919	106,877	..	9,432	501,364	25,137
	2013	400,076	54,207	..	-1,330	455,613	23,018
Russian Federation	2010	25,128,116	162,745	7,172,216	276,173	17,842,472	124,635
	2011	25,720,226	304,846	7,690,500	-86,894	18,421,466	128,631
	2012	25,157,696	307,331	7,388,394	67,870	18,008,763	125,683
	2013	26,203,721	313,371	8,099,677	34,545	18,382,870	128,222
Serbia	2010	14,342	72,890	..	1,013	86,219	9,517
	2011	18,823	64,732	..	-4,954	88,509	9,808
	2012	19,762	66,297	..	8,005	78,054	8,689
	2013	19,676	69,916	..	2,760	86,832	9,715
Slovakia	2010	4,108	232,724	0	3,933	232,899	43,074
	2011	4,781	226,185	115	15,135	215,716	39,863
	2012	5,917	184,190	1,803	-14,771	203,075	37,499
	2013	4,856	214,657	577	-5,032	223,968	41,328
Slovenia	2010	279	39,860	..	..	40,139	19,556
	2011	80	34,234	..	..	34,314	16,665
	2012	80	32,953	..	..	33,033	16,013
	2013	120	32,065	..	..	32,185	15,587

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
Spain	2010	2,074	1,486,539	46,749	-6,273	1,448,137	31,075
	2011	2,115	1,436,483	68,666	23,830	1,346,102	28,819
	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
Sweden	2010	..	68,195	..	..	68,195	7,268
	2011	..	53,900	..	..	53,900	5,696
	2012	..	46,827	..	..	46,827	4,907
	2013	..	44,440	..	..	44,440	4,618
Switzerland	2010	230	140,015	..	..	140,245	17,827
	2011	323	124,193	..	..	124,516	15,638
	2012	356	136,134	..	..	136,490	16,935
	2013	511	143,363	..	..	143,874	17,641
T.F.Yug. Rep. Macedonia	2010	..	4,449	..	4	4,445	2,155
	2011	..	5,131	..	0	5,131	2,484
	2012	..	5,325	..	0	5,325	2,573
	2013	..	6,032	..	4	6,029	2,909
Ukraine	2010	718,083	1,375,095	214	-477,263	2,570,227	56,306
	2011	722,386	1,683,533	0	226,398	2,179,521	47,925
	2012	716,775	1,237,329	0	-47,651	2,001,755	44,169
	2013	745,543	1,051,134	0	-38,787	1,835,464	40,639
United Kingdom	2010	2,394,299	2,133,195	635,037	-64,074	3,956,531	63,086
	2011	1,896,116	2,118,509	661,280	72,927	3,280,418	51,934
	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
Oceania	2010	2,254,452	225,728	971,908	5,893	1,502,379	41,263
	2011	2,384,533	261,044	1,085,657	3,281	1,556,639	42,056
	2012	2,304,847	232,449	1,047,461	-1,945	1,491,780	39,671
	2013	2,617,263	260,670	1,302,554	2,038	1,573,341	41,205
Australia	2010	2,069,198	225,728	971,908	..	1,323,018	59,695
	2011	2,216,444	261,044	1,085,657	..	1,391,831	61,743
	2012	2,122,863	232,449	1,047,461	..	1,307,851	57,083
	2013	2,424,777	260,670	1,302,554	..	1,382,893	59,427
New Zealand	2010	179,342	..	..	5,893	173,449	39,700
	2011	161,939	..	..	3,281	158,658	36,022
	2012	176,667	..	..	-1,945	178,612	40,265
	2013	187,169	..	..	2,038	185,131	41,460
Papua New Guinea	2010	5,912	..	..	..	5,912	863
	2011	6,150	..	..	..	6,150	878
	2012	5,317	..	..	..	5,317	743
	2013	5,317	..	..	..	5,317	728

Table 28

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

2012

Importers	Exporters							
	World	Algeria	Australia	Canada	Egypt	Indonesia	Germany	Malaysia
Austria	541,064	..	..	..	..	..	..	..
Belarus	782,173	..	..	..	..	..	..	..
Belgium	709,209	..	..	..	..	..	35,823	..
Canada	1,213,081	..	..	..	..	..	..	..
China	1,568,254	..	..	..	15,572	121,854	..	99,663
Czech Republic	284,123	..	..	..	..	..	..	..
Finland	139,801	..	..	..	..	..	..	..
France	1,970,780	173,707	..	..	33,552	..	90,036	..
Germany	3,446,585	..	..	..	..	..	..	..
Hungary	313,776	..	..	..	..	..	..	..
Italy	2,580,323	836,409	..	..	5,601	..	110,642	..
Japan	4,748,508	9,373	932,429	..	60,317	315,742	..	780,001
Kazakhstan	169,698	..	..	..	..	..	..	..
Korea, Republic of	1,993,500	3,007	42,304	..	33,108	414,307	..	223,205
Mexico	865,987	..	..	..	..	15,682	..	..
Netherlands	869,745	1,826	..	..	..	..	19,542	..
Poland	467,218	..	..	..	..	..	71,889	..
Portugal	182,460	84,583	..	..	4,374	..	..	..
Russian Federation	307,331	..	..	..	..	..	..	..
Slovakia	184,190	..	..	..	..	..	..	..
Spain	1,419,084	600,987	..	..	22,558	..	..	..
Turkey	1,759,024	156,146	..	..	..	..	..	..
Ukraine	1,237,329	..	..	..	..	..	1,992	..
United Arab Emirates	1,100,493	..	..	..	..	..	..	..
United Kingdom	1,978,266	4,722	..	..	522	..	..	..
United States	3,382,686	..	..	3,185,474	3,085	..	..	..

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

2012

Exporters							
Netherlands	Nigeria	Norway	Qatar	Russian Federation	Trinidad and Tobago	Turkmenistan	United States
..	..	75,102	..	*312,706	..	..	..
..	..	..	..	*720,921	..	..	..
268,005	..	239,466	85,368	..	..	..	..
..	..	..	36,919	..	29,481	..	*1,032,172
..	15,962	..	254,998	..	8,954	825,495	..
..	..	110	..	*261,772	..	..	..
..	..	..	..	*128,853	..	..	..
298,246	155,124	774,169	78,750	*247,894	9,428	..	..
1,011,835	..	954,485	..	*1,172,633	..	..	..
..	..	..	..	*283,433	..	..	..
93,955	..	107,175	225,743	*634,588	..	..	..
..	247,691	13,109	833,734	*421,492	18,089	..	*10,211
..	..	..	..	*51,286	..	29,499	..
..	95,012	3,274	576,235	*106,051	48,164	..	*2,796
..	41,963	..	70,113	..	6,426	..	*594,088
..	3,009	554,391	..	*90,059	3,617	..	..
..	..	..	..	*343,676	..	..	..
..	75,007	..	6,637	..	3,157	..	..
..
..	..	..	..	*169,766	..	..	..
..	219,448	163,140	163,903	..	95,863	..	..
..	50,636	..	..	*935,248	..	..	..
..	..	..	..	*1,138,597	..	..	..
..	..	..	725,480	..	3,040	..	..
281,730	1,710	1,066,754	527,153	..	..	..	..
..	..	7,079	40,147	..	124,427	..	..

Table 28

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

2013

Importers	Exporters							
	World	Algeria	Australia	Canada	Egypt	Indonesia	Germany	Malaysia
Austria	396,671	..	..	..	..	..	..	..
Belarus	782,482	..	..	..	..	..	..	..
Belgium	709,887	..	..	..	260	..	47,935	..
Canada	1,037,237	..	..	..	..	..	..	..
China	1,959,202	3,114	..	..	*14,748	139,373	..	138,205
Czech Republic	324,154	..	..	..	..	..	..	..
Finland	132,901	..	..	..	..	..	..	..
France	1,978,049	231,287	..	..	*2,927	..	10,108	..
Germany	3,812,138	..	..	..	..	..	..	..
Hungary	314,831	..	..	..	..	..	..	..
Italy	2,360,905	476,936	..	..	..	..	80,086	..
Japan	4,826,000	36,998	1,010,896	..	*10,791	361,275	..	825,430
Kazakhstan	201,109	..	..	..	..	..	..	..
Korea, Republic of	2,217,444	6,913	36,817	..	*27,069	316,002	..	229,276
Mexico	995,554	..	..	..	..	11,863	..	..
Netherlands	899,944	1,788	..	..	..	..	28,610	..
Poland	477,259	..	..	..	..	..	86,475	..
Portugal	177,377	87,600	..	..	*2,622	..	..	..
Russian Federation	313,371	..	..	..	..	..	..	..
Slovakia	214,657	..	..	..	..	..	..	..
Spain	1,436,380	781,826	..	..	*1,265	..	..	..
Turkey	1,733,986	150,051	..	..	*10,069	..	..	..
Ukraine	1,051,134	..	..	..	..	..	33,489	..
United Arab Emirates	1,133,641	3,040	..	..	*4,606	..	..	..
United Kingdom	1,926,379	16,170	..	..	*2,059	..	..	..
United States	3,104,399	..	..	2,995,340	..	..	..	..

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

2013

Exporters							
Netherlands	Nigeria	Norway	Qatar	Russian Federation	Trinidad and Tobago	Turkmenistan	United States
..	..	55,060	..	*235,046	..	..	..
..	..	..	..	*739,423	..	..	..
320,361	..	238,562	60,823	..	..	..	..
..	..	..	30,653	..	9,324	..	*946,794
..	22,191	..	369,845	..	5,840	971,231	..
..	..	152	..	*306,173	..	..	..
..	..	..	..	*125,588	..	..	..
296,868	48,334	773,021	68,564	*361,359	..	..	..
1,207,497	..	789,784	..	*1,472,862	..	..	..
..	..	..	..	*282,631	..	..	..
105,956	..	76,352	202,768	*1,010,723	..	..	..
2,542	214,104	30,079	889,669	*446,227	15,480	..	..
..	..	..	..	*62,831	..	49,009	..
..	147,462	3,370	741,170	*101,926	34,731	..	..
..	48,637	..	54,990	..	15,039	..	*677,418
..	2,948	538,356	..	*135,176	3,544	..	..
..	..	..	..	*348,088	..	..	..
..	43,040	9,939	12,998	..	3,118	..	..
..
..	..	..	..	*200,298	..	..	..
..	130,232	157,651	146,192	..	83,978	..	..
1,915	48,770	3,366	11,873	*948,773	..	..	..
..	..	..	..	*917,571	..	..	..
..	..	..	747,870	..	..	..	..
303,266	..	1,103,702	342,735	..	3,965	..	..
..	3,033	6,412	8,689	..	77,340	..	..

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.

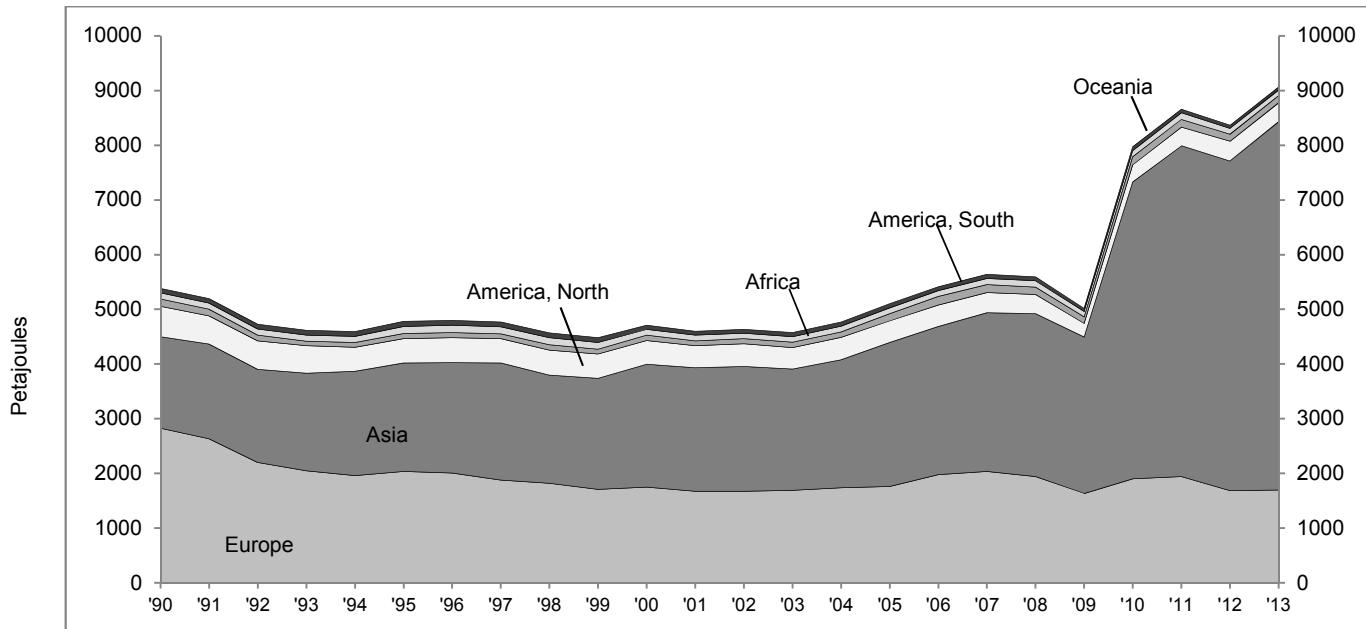
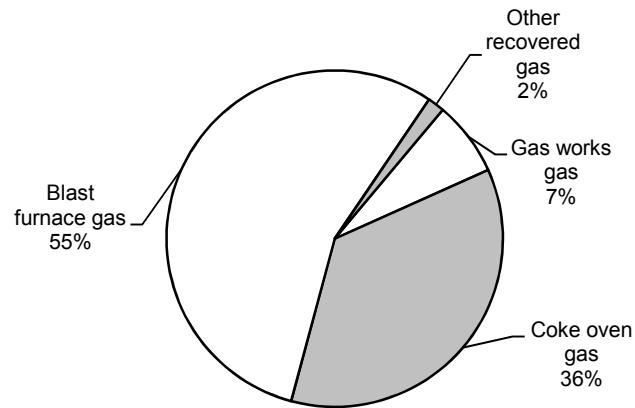
Figure 71: Production of manufactured gases by region, 1990-2013**Figure 72: World production of manufactured and recovered gases by type, 2013**

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
World	2010	7,973,841	505,326	3,046,697	4,281,437	140,381
	2011	8,659,626	594,165	3,210,952	4,716,801	137,708
	2012	8,364,193	599,335	3,131,785	4,494,026	139,047
	2013	9,063,209	650,916	3,251,460	5,012,791	148,041
Africa	2010	150,840	83,418	27,352	40,070	..
	2011	141,738	82,702	23,484	35,552	..
	2012	131,073	76,177	23,601	31,295	..
	2013	131,028	79,455	25,401	26,172	..
Algeria	2010	5,379	..	..	5,379	..
	2011	4,583	..	..	4,583	..
	2012	4,880	..	..	4,880	..
	2013	2,515	..	..	2,515	..
Egypt	2010	9,011	214	..	8,797	..
	2011	9,221	214	..	9,007	..
	2012	*4,670	195	..	*4,475	..
	2013	*64	*64	..	..	..
South Africa	2010	135,335	83,204	26,237	25,894	..
	2011	126,688	82,488	22,238	21,962	..
	2012	120,147	75,982	22,225	21,940	..
	2013	127,012	79,391	23,964	23,657	..
Zimbabwe	2010	1,115	..	1,115	..	..
	2011	1,246	..	1,246	..	..
	2012	1,376	..	1,376	..	..
	2013	1,437	..	1,437	..	..
America, North	2010	312,766	59,790	108,686	144,290	..
	2011	342,005	56,572	119,085	166,348	..
	2012	358,325	58,167	122,548	177,610	..
	2013	347,051	51,149	130,049	165,853	..
Canada	2010	43,419	..	22,266	21,153	..
	2011	46,921	..	24,062	22,859	..
	2012	50,942	..	26,124	24,818	..
	2013	48,789	..	25,020	23,769	..
Costa Rica	2010	856	..	..	856	..
	2011	782	..	..	782	..
	2012	*847	..	..	*847	..
	2013	848	..	..	848	..
Cuba	2010	3,773	3,694	..	*79	..
	2011	3,886	3,852	..	*34	..
	2012	4,097	4,063	..	*34	..
	2013	4,182	4,148	..	*34	..
Mexico	2010	13,560	..	8,788	4,772	..
	2011	13,091	..	8,442	4,649	..
	2012	9,368	..	6,163	3,205	..
	2013	28,413	..	18,228	10,185	..
United States	2010	251,158	56,096	77,632	117,430	..
	2011	277,325	52,720	86,581	138,024	..
	2012	293,071	54,104	90,261	148,706	..
	2013	264,819	47,001	86,801	131,017	..
America, South	2010	110,317	491	93,331	16,495	..
	2011	119,389	451	98,017	20,921	..
	2012	108,134	639	89,955	17,540	..
	2013	102,482	598	87,014	14,870	..

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	2010	21,523	..	9,937	11,586	..
	2011	23,505	..	10,852	12,653	..
	2012	15,510	..	6,048	9,462	..
	2013	14,905	..	5,443	9,462	..
Brazil	2010	76,092	..	76,092	..	..
	2011	78,743	..	78,743	..	..
	2012	75,987	..	75,987	..	..
	2013	73,712	..	73,712	..	..
Chile	2010	7,349	491	3,652	3,206	..
	2011	11,152	451	4,466	6,235	..
	2012	10,949	639	3,964	6,346	..
	2013	8,624	598	4,160	3,866	..
Colombia	2010	5,353	..	3,650	1,703	..
	2011	5,989	..	3,956	2,033	..
	2012	5,688	..	3,956	1,732	..
	2013	5,241	..	3,699	1,542	..
Asia	2010	5,428,083	331,602	2,012,938	2,984,150	99,393
	2011	6,047,563	426,522	2,152,254	3,372,046	96,741
	2012	6,027,492	437,665	2,106,401	3,384,573	98,853
	2013	6,730,841	493,930	2,221,931	3,907,835	107,144
China	2010	3,602,669	294,675	1,335,339	1,972,655	..
	2011	4,207,374	388,989	1,485,202	2,333,184	..
	2012	4,136,293	399,882	1,437,323	2,299,088	..
	2013	4,738,852	455,941	1,536,283	2,746,628	..
China, Hong Kong SAR	2010	27,578	27,578	..	..	..
	2011	28,147	28,147	..	..	..
	2012	*28,360	*28,360	..	..	..
	2013	28,556	28,556	..	..	..
India	2010	327,817	788	101,700	225,329	..
	2011	337,634	825	101,585	235,224	..
	2012	378,369	862	116,299	261,208	..
	2013	430,675	872	127,385	302,418	..
Indonesia	2010	*3,300	*3,300	..	..	..
	2011	*3,300	*3,300	..	..	..
	2012	*3,300	*3,300	..	..	..
	2013	*3,300	*3,300	..	..	..
Iran (Islamic Rep. of)	2010	24,723	..	5,119	19,604	..
	2011	24,205	..	4,257	19,948	..
	2012	19,867	..	3,131	16,736	..
	2013	24,013	..	3,113	20,900	..
Japan	2010	885,354	..	363,852	448,708	72,794
	2011	831,823	..	337,116	429,625	65,082
	2012	844,512	..	333,806	442,758	67,948
	2013	893,190	..	334,629	488,319	70,242
Kazakhstan	2010	37,059	..	15,612	21,447	..
	2011	37,796	..	16,565	21,231	..
	2012	34,176	..	15,540	18,636	..
	2013	22,569	..	8,690	13,879	..
Korea, Dem.Ppl's.Rep.	2010	1,931	..	..	1,931	..
	2011	1,849	..	..	1,849	..
	2012	1,844	..	..	1,844	..
	2013	1,801	..	..	1,801	..

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
Korea, Republic of	2010	323,903	..	108,214	196,301	19,388
	2011	381,648	..	125,092	233,841	22,715
	2012	382,844	..	126,679	234,178	21,987
	2013	366,032	..	126,773	212,335	26,924
Other Asia	2010	116,567	..	55,204	54,152	7,211
	2011	121,576	..	55,795	56,837	8,944
	2012	112,234	..	44,465	58,851	8,918
	2013	130,496	..	53,353	67,165	9,978
Pakistan	2010	2,644	..	..	2,644	..
	2011	1,697	..	..	1,697	..
	2012	*1,631	..	..	*1,631	..
	2013	1,737	..	..	1,737	..
Philippines	2010	2,188	..	..	2,188	..
	2011	2,493	..	..	2,493	..
	2012	*2,620	..	..	*2,620	..
	2013	*2,620	..	..	*2,620	..
Singapore	2010	*5,261	*5,261	..	..	..
	2011	*5,261	*5,261	..	..	..
	2012	*5,261	*5,261	..	..	..
	2013	*5,261	*5,261	..	..	..
Syrian Arab Republic	2010	45	..	..	45	..
	2011	45	..	..	45	..
	2012	6	..	..	6	..
	2013	6	..	..	6	..
Thailand	2010	*372	..	..	*372	..
	2011	384	..	..	384	..
	2012	305	..	..	305	..
	2013	327	..	..	327	..
Turkey	2010	66,672	..	27,898	38,774	..
	2011	62,331	..	26,643	35,688	..
	2012	75,870	..	29,158	46,712	..
	2013	81,405	..	31,705	49,700	..
Europe	2010	1,902,577	29,693	776,853	1,055,325	40,706
	2011	1,941,962	27,669	789,768	1,083,835	40,690
	2012	1,685,174	26,500	763,689	855,074	39,911
	2013	1,699,129	25,644	760,604	872,260	40,621
Austria	2010	43,749	..	10,772	32,977	..
	2011	45,240	..	10,647	34,593	..
	2012	43,578	..	10,606	32,972	..
	2013	45,725	..	10,333	35,392	..
Belgium	2010	40,787	..	15,670	24,106	1,011
	2011	42,547	..	15,622	23,953	2,972
	2012	38,387	..	14,021	21,190	3,176
	2013	38,403	..	13,493	21,684	3,226
Bosnia and Herzegovina	2010	11,481	..	7,295	4,186	..
	2011	11,753	..	7,212	4,541	..
	2012	10,642	..	5,778	4,864	..
	2013	*11,258	..	*6,265	*4,993	..
Croatia	2010	197	197	..	..	..
	2011	144	144	..	..	..
	2012	109	109	..	..	..
	2013	76	76	..	..	..

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
Czech Republic	2010	61,499	17,724	20,144	21,795	1,836
	2011	61,617	17,962	20,602	21,181	1,872
	2012	58,546	16,917	19,843	20,013	1,773
	2013	59,272	16,396	20,550	20,513	1,813
Denmark	2010	607	607	..	..	..
	2011	615	615	..	..	..
	2012	613	613	..	..	..
	2013	686	686	..	..	..
Estonia	2010	7,127	7,127	..	..	..
	2011	7,204	7,204	..	..	..
	2012	7,422	7,422	..	..	..
	2013	7,203	7,203	..	..	..
Finland	2010	22,482	..	7,769	12,714	1,999
	2011	23,921	..	9,321	12,717	1,883
	2012	21,663	..	8,927	10,970	1,766
	2013	21,833	..	8,316	10,249	3,268
France	2010	76,304	..	24,117	52,187	..
	2011	68,011	..	21,552	46,459	..
	2012	73,679	..	22,366	51,313	..
	2013	79,347	..	24,297	55,050	..
Germany	2010	258,016	..	68,614	169,314	20,088
	2011	247,932	..	66,551	163,289	18,092
	2012	244,869	..	66,735	158,930	19,204
	2013	251,697	..	68,582	164,517	18,598
Hungary	2010	17,579	..	9,220	8,359	..
	2011	17,260	..	9,575	7,685	..
	2012	16,665	..	9,375	7,290	..
	2013	11,949	..	8,014	3,935	..
Italy	2010	48,306	..	16,088	29,591	2,627
	2011	55,285	..	19,198	34,635	1,452
	2012	63,363	..	30,354	32,249	760
	2013	44,003	..	19,494	23,838	671
Netherlands	2010	54,218	..	18,328	35,890	..
	2011	55,171	..	18,093	37,078	..
	2012	54,478	..	17,477	37,001	..
	2013	53,207	..	17,570	35,637	..
Norway	2010	2,487	..	..	2,487	..
	2011	2,559	..	..	2,559	..
	2012	3,779	..	..	3,779	..
	2013	3,816	..	..	3,816	..
Poland	2010	109,600	114	81,120	22,022	6,344
	2011	106,176	103	77,156	22,271	6,646
	2012	101,621	75	72,579	22,684	6,283
	2013	105,601	73	76,493	22,530	6,505
Romania	2010	9,360	..	14	9,346	..
	2011	7,462	..	0	7,462	..
	2012	8,899	..	0	8,899	..
	2013	9,478	..	0	9,478	..
Russian Federation	2010	668,855	..	272,945	395,910	..
	2011	718,111	..	287,171	430,940	..
	2012	489,998	..	269,890	220,108	..
	2013	501,051	..	278,399	222,652	..

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
Serbia	2010	9,150	..	..	9,150	..
	2011	9,779	..	..	9,779	..
	2012	3,033	..	..	3,033	..
	2013	3,182	..	..	3,182	..
Slovakia	2010	39,889	..	13,544	23,004	3,341
	2011	37,347	..	13,263	20,718	3,366
	2012	36,529	..	12,976	21,165	2,388
	2013	36,294	..	12,695	21,056	2,543
Spain	2010	36,163	1,541	17,867	16,755	..
	2011	35,849	149	17,329	18,371	..
	2012	31,504	71	14,366	17,067	..
	2013	32,298	26	13,598	18,674	..
Sweden	2010	24,148	851	8,516	14,054	727
	2011	22,963	435	9,376	12,896	256
	2012	21,606	406	8,460	11,512	1,228
	2013	20,702	381	7,995	11,157	1,169
Ukraine	2010	286,770	1,532	152,083	130,422	2,733
	2011	295,138	1,057	155,034	134,896	4,151
	2012	282,171	887	150,008	127,943	3,333
	2013	275,455	803	143,771	128,053	2,828
United Kingdom	2010	73,803	..	32,747	41,056	..
	2011	69,878	..	32,066	37,812	..
	2012	72,020	..	29,928	42,092	..
	2013	86,593	..	30,739	55,854	..
Oceania	2010	69,258	332	27,537	41,107	282
	2011	66,969	249	28,344	38,099	277
	2012	53,995	187	25,591	27,934	283
	2013	52,678	140	26,461	25,801	276
Australia	2010	57,141	332	22,691	34,118	..
	2011	56,462	249	24,265	31,948	..
	2012	42,698	187	21,489	21,022	..
	2013	40,743	140	21,728	18,875	..
New Zealand	2010	12,117	..	4,846	6,989	282
	2011	10,507	..	4,079	6,151	277
	2012	11,297	..	4,102	6,912	283
	2013	11,935	..	4,733	6,926	276

Table 30

Net installed capacity of electric plants - by type

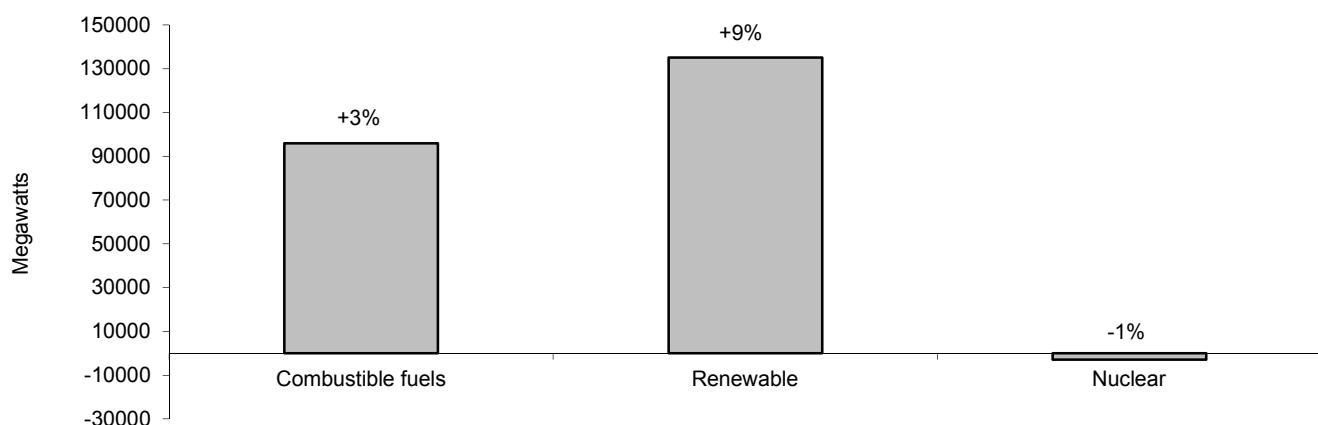
Megawatts

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.

Figure 73: Change in net installed capacity of electricity generating plants*, 2012-2013

* 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	2010	5,157,296	3,527,323	1,028,897	381,846	167,903	39,444	11,883
	2011	5,405,610	3,672,715	1,059,744	386,249	204,552	69,204	13,147
	2012	5,638,190	3,805,369	1,092,073	379,051	250,979	96,292	14,426
	2013	5,866,197	3,901,268	1,134,662	376,083	302,385	135,708	16,091
Africa	2010	140,329	111,450	25,683	1,890	862	248	196
	2011	147,246	117,624	26,182	1,890	1,063	290	198
	2012	151,722	121,839	26,254	1,890	1,205	328	207
	2013	157,669	126,658	27,317	1,800	1,238	412	244
Algeria	2010	11,332	11,057	275	..	..	..	..
	2011	*11,545	*11,270	*275	..	..	..	..
	2012	*13,087	*12,787	*300	..	..	..	..
	2013	*15,097	*14,797	*300	..	..	..	..
Angola	2010	1,439	*657	782	..	..	..	..
	2011	1,530	*770	760	..	..	..	..
	2012	1,530	*770	760	..	..	..	..
	2013	*1,530	*770	*760	..	..	..	..
Benin	2010	*174	*173	*1	..	..	..	..
	2011	*174	*173	*1	..	..	..	..
	2012	*174	*173	*1	..	..	..	..
	2013	*174	*173	*1	..	..	..	..
Botswana	2010	152	152	..	..	..	0	..
	2011	152	152	..	..	..	..	..
	2012	153	152	..	..	..	1	..
	2013	153	152	..	..	..	1	..
Burkina Faso	2010	238	206	32	..	..	..	..
	2011	261	229	32	..	..	..	..
	2012	298	266	32	..	..	..	..
	2013	*298	*266	*32	..	..	..	..
Burundi	2010	*39	*7	*32	..	..	..	..
	2011	*37	*5	*32	..	..	..	..
	2012	*35	*1	*34	..	..	..	..
	2013	*42	*7	*35	..	..	..	..
Cabo Verde	2010	102	93	..	..	2	6	..
	2011	108	100	..	..	2	6	..
	2012	155	123	..	..	26	6	..
	2013	141	108	..	..	26	6	..
Cameroon	2010	1,007	*288	719	..	..	..	..
	2011	1,022	*303	719	..	..	..	..
	2012	*1,022	*303	*719	..	..	..	..
	2013	*1,049	*330	*719	..	..	..	..
Central African Rep.	2010	*44	*19	*25	..	..	..	..
	2011	*44	*19	*25	..	..	..	..
	2012	*44	*19	*25	..	..	..	..
	2013	*44	*19	*25	..	..	..	..
Chad	2010	*41	*41	..	..	..	..	..
	2011	*41	*41	..	..	..	..	..
	2012	*41	*41	..	..	..	..	..
	2013	*41	*41	..	..	..	..	..
Comoros	2010	*22	*21	*1	..	..	..	..
	2011	*22	*21	*1	..	..	..	..
	2012	*22	*21	*1	..	..	..	..
	2013	*22	*21	*1	..	..	..	..
Congo	2010	*269	*150	*119	..	..	..	..
	2011	*400	*180	*220	..	..	..	..
	2012	*400	*180	*220	..	..	..	..
	2013	*400	*180	*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
416,186	373,167	28,101	14,918	4,741,111	3,154,157	1,000,796	381,846	204,312
447,374	393,076	29,632	24,666	4,958,236	3,279,638	1,030,112	386,249	262,237
466,454	403,033	29,784	33,637	5,171,737	3,402,336	1,062,289	379,051	328,060
496,071	416,365	31,097	48,608	5,370,126	3,484,903	1,103,565	376,083	405,576
8,405	7,613	787	5	131,925	103,838	24,896	1,890	1,301
9,624	8,830	787	7	137,623	108,794	25,395	1,890	1,543
11,110	10,311	787	13	140,612	111,528	25,467	1,890	1,727
11,606	10,800	787	19	146,062	115,857	26,530	1,800	1,875
*298	*298	..	..	11,034	10,759	275	..	..
*1,154	*1,154	..	..	*10,391	*10,116	*275	..	..
*2,617	*2,617	..	..	*10,470	*10,170	*300	..	..
*3,019	*3,019	..	..	*12,078	*11,778	*300	..	..
*130	*130	..	..	1,309	*527	782	..	..
*130	*130	..	..	1,400	*640	760	..	..
*130	*130	..	..	1,400	*640	760	..	..
*130	*130	..	..	*1,400	*640	*760	..	..
*8	*8	..	..	*166	*165	*1	..	..
*8	*8	..	..	*166	*165	*1	..	..
*8	*8	..	..	*166	*165	*1	..	..
*8	*8	..	..	*166	*165	*1	..	..
*20	*20	..	..	132	132	..	..	0
*20	*20	..	..	132	132	..	..	..
*20	*20	..	..	133	132	..	..	1
*20	*20	..	..	133	132	..	..	1
0	0	..	..	238	206	32	..	..
61	61	..	..	200	168	32	..	..
61	61	..	..	237	205	32	..	..
*61	*61	..	..	*237	*205	*32	..	..
..	..	..	..	*39	*7	*32	..	..
..	..	..	..	*37	*5	*32	..	..
..	..	..	..	*35	*1	*34	..	..
..	..	..	..	*42	*7	*35	..	..
*1	*1	..	..	101	92	..	..	9
0	0	..	..	108	100	..	..	9
0	0	..	..	155	123	..	..	32
0	0	..	..	141	108	..	..	32
*218	*218	..	..	789	*70	719	..	..
*233	*233	..	..	789	*70	719	..	..
*233	*233	..	..	*789	*70	*719	..	..
*260	*260	..	..	*789	*70	*719	..	..
..	..	..	..	*44	*19	*25	..	..
..	..	..	..	*44	*19	*25	..	..
..	..	..	..	*44	*19	*25	..	..
..	..	..	..	*44	*19	*25	..	..
..	..	..	..	*41	*41	..	..	..
..	..	..	..	*41	*41	..	..	..
..	..	..	..	*41	*41	..	..	..
..	..	..	..	*41	*41	..	..	..
..	..	..	..	*22	*21	*1	..	..
..	..	..	..	*22	*21	*1	..	..
..	..	..	..	*22	*21	*1	..	..
..	..	..	..	*22	*21	*1	..	..
*90	*90	..	..	*179	*60	*119	..	..
*90	*90	..	..	*310	*90	*220	..	..
*90	*90	..	..	*310	*90	*220	..	..
*90	*90	..	..	*310	*90	*220	..	..

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	2010	*1,571	*673	*898	..	..	..	..
	2011	*1,621	*723	*898	..	..	..	..
	2012	*1,721	*823	*898	..	..	..	..
	2013	*1,832	*934	*898	..	..	..	..
Dem. Rep. of the Congo	2010	*2,506	*34	*2,472	..	..	..	..
	2011	*2,506	*34	*2,472	..	..	..	..
	2012	*2,506	*34	*2,472	..	..	..	..
	2013	*2,506	*34	*2,472	..	..	..	..
Djibouti	2010	130	130	..	..	..	..	..
	2011	130	130	..	..	..	..	..
	2012	130	130	..	..	..	..	..
	2013	130	130	..	..	..	..	..
Egypt	2010	27,732	24,245	2,800	..	547	140	..
	2011	29,997	26,275	3,035	..	547	140	..
	2012	31,487	28,000	2,800	..	547	140	..
	2013	32,702	29,215	2,800	..	547	140	..
Equatorial Guinea	2010	*41	*37	*4	..	..	..	..
	2011	*41	*37	*4	..	..	..	..
	2012	*41	*37	*4	..	..	..	..
	2013	*41	*37	*4	..	..	..	..
Eritrea	2010	*140	*139	..	..	..	*1	..
	2011	*140	*139	..	..	..	*1	..
	2012	*140	*139	..	..	..	*1	..
	2013	*140	*139	..	..	..	*1	..
Ethiopia	2010	1,984	129	1,848	..	..	..	7
	2011	2,310	189	1,943	..	171	..	7
	2012	2,310	189	1,943	..	171	..	7
	2013	2,311	190	1,943	..	171	..	7
Gabon	2010	443	273	170	..	..	..	..
	2011	443	273	170	..	..	..	..
	2012	463	293	170	..	..	..	..
	2013	627	*297	330	..	..	..	..
Gambia	2010	*74	*74	..	..	..	..	..
	2011	*74	*74	..	..	..	..	..
	2012	*74	*74	..	..	..	..	..
	2013	*91	*91	..	..	..	..	..
Ghana	2010	2,390	1,210	1,180	..	..	0	..
	2011	2,590	1,410	1,180	..	..	0	..
	2012	2,700	1,520	1,180	..	..	0	..
	2013	3,041	1,458	1,580	..	..	3	..
Guinea	2010	432	*283	149	..	..	..	..
	2011	385	*236	149	..	..	..	..
	2012	394	*246	149	..	..	..	..
	2013	518	370	149	..	..	..	..
Guinea-Bissau	2010	*27	*27	..	..	..	..	..
	2011	*27	*27	..	..	..	..	..
	2012	*27	*27	..	..	..	..	..
	2013	*27	*27	..	..	..	..	..
Kenya	2010	1,418	495	728	..	*6	..	189
	2011	1,540	609	735	..	*6	..	191
	2012	1,611	637	770	..	*5	..	200
	2013	1,723	715	767	..	*5	..	237
Lesotho	2010	80	..	80	..	..	..	..
	2011	*80	..	*80	..	..	..	..
	2012	*80	..	*80	..	..	..	..
	2013	*80	..	*80	..	..	..	..

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	..	..	*1,548	*650	*898	..	..
*23	*23	..	..	*1,598	*700	*898	..	..
*23	*23	..	..	*1,698	*800	*898	..	..
*23	*23	..	..	*1,809	*911	*898	..	..
*577	*4	*573	..	*1,929	*30	*1,899	..	..
*577	*4	*573	..	*1,929	*30	*1,899	..	..
*577	*4	*573	..	*1,929	*30	*1,899	..	..
*577	*4	*573	..	*1,929	*30	*1,899	..	..
..	..	..	..	130	130	..	..	..
..	..	..	..	130	130	..	..	..
..	..	..	..	130	130	..	..	..
..	..	..	..	130	130	..	..	..
*683	*683	..	..	27,049	23,562	2,800	..	687
687	687	..	..	29,310	25,588	3,035	..	687
687	687	..	..	30,800	27,313	2,800	..	687
687	687	..	..	32,015	28,528	2,800	..	687
..	..	..	..	*41	*37	*4	..	..
..	..	..	..	*41	*37	*4	..	..
..	..	..	..	*41	*37	*4	..	..
..	..	..	..	*41	*37	*4	..	..
*6	*6	..	..	*134	*133	..	..	*1
*6	*6	..	..	*134	*133	..	..	*1
*6	*6	..	..	*134	*133	..	..	*1
*6	*6	..	..	*134	*133	..	..	*1
..	..	..	..	1,984	129	1,848	..	7
..	..	..	..	2,310	189	1,943	..	178
..	..	..	..	2,310	189	1,943	..	178
..	..	..	..	2,311	190	1,943	..	178
70	70	..	..	373	203	170	..	..
70	70	..	..	373	203	170	..	..
70	70	..	..	393	223	170	..	..
70	70	..	..	557	*227	330	..	..
*34	*34	..	..	*40	*40	..	..	..
*34	*34	..	..	*40	*40	..	..	..
*34	*34	..	..	*40	*40	..	..	..
*34	*34	..	..	*57	*57	..	..	..
210	210	..	..	2,180	1,000	1,180	..	0
*210	*210	..	..	2,380	1,200	1,180	..	0
*210	*210	..	..	2,490	1,310	1,180	..	0
*210	*210	..	..	2,831	1,248	1,580	..	3
*180	*159	*21	..	252	124	128	..	..
*180	*159	*21	..	205	77	128	..	..
*180	*159	*21	..	214	87	128	..	..
*180	*159	*21	..	338	211	128	..	..
*2	*2	..	..	*25	*25	..	..	..
*2	*2	..	..	*25	*25	..	..	..
*2	*2	..	..	*25	*25	..	..	..
*2	*2	..	..	*25	*25	..	..	..
..	..	..	..	1,418	495	728	..	195
..	..	..	..	1,540	609	735	..	197
..	..	..	..	1,611	637	770	..	204
..	..	..	..	1,723	715	767	..	242
..	..	..	..	80	..	80	..	..
..	..	..	..	*80	..	*80	..	..
..	..	..	..	*80	..	*80	..	..
..	..	..	..	*80	..	*80	..	..

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	2010	*78	*78	..	..	..	..	..
	2011	*91	*91	..	..	..	..	..
	2012	*91	*91	..	..	..	..	..
	2013	*91	*91	..	..	..	..	..
Libya	2010	7,066	7,066	..	..	..	..	..
	2011	8,907	8,907	..	..	..	..	..
	2012	8,907	8,907	..	..	..	..	..
	2013	9,455	9,455	..	..	..	..	..
Madagascar	2010	507	379	128	..	..	0	..
	2011	*507	*379	*128	..	..	0	..
	2012	*507	*379	*128	..	..	0	..
	2013	*508	*379	*128	..	..	*1	..
Malawi	2010	502	*211	291	..	..	..	..
	2011	502	*211	291	..	..	..	..
	2012	*502	*211	*291	..	..	..	..
	2013	*502	*211	*291	..	..	..	..
Mali	2010	579	225	354	..	..	..	..
	2011	655	291	365	..	..	..	..
	2012	689	323	367	..	..	..	..
	2013	811	363	448	..	..	..	..
Mauritania	2010	196	196	..	..	..	..	..
	2011	*196	*196	..	..	..	..	..
	2012	*196	*196	..	..	..	..	..
	2013	*263	*263	..	..	..	..	..
Mauritius	2010	741	680	60	..	*1	0	..
	2011	738	677	60	..	1	0	..
	2012	781	718	60	..	1	1	..
	2013	778	714	61	..	1	2	..
Morocco	2010	6,679	4,688	1,770	..	221	..	..
	2011	6,713	4,693	1,770	..	250	..	..
	2012	7,013	4,993	1,770	..	250	..	..
	2013	7,013	4,993	1,770	..	250	..	..
Mozambique	2010	2,478	249	2,229	..	..	..	..
	2011	2,479	249	2,230	..	..	..	..
	2012	2,486	249	2,237	..	..	..	..
	2013	2,646	359	2,287	..	..	..	..
Namibia	2010	*467	*92	*375	..	..	..	..
	2011	393	144	249	..	..	..	..
	2012	508	167	341	..	..	..	..
	2013	487	155	332	..	..	..	..
Niger	2010	*135	*134	..	..	..	*1	..
	2011	*135	*134	..	..	..	*1	..
	2012	*135	*134	..	..	..	*1	..
	2013	*135	*134	..	..	..	*1	..
Nigeria	2010	*8,417	*6,487	*1,930	..	..	..	..
	2011	*8,902	*6,972	*1,930	..	..	..	..
	2012	*8,902	*6,972	*1,930	..	..	..	..
	2013	*9,822	*7,892	*1,930	..	..	..	..
Réunion	2010	708	471	133	..	15	89	..
	2011	766	477	146	..	15	129	..
	2012	868	567	134	..	15	152	..
	2013	*897	*584	*138	..	*15	160	..
Rwanda	2010	84	33	51	..	..	0	..
	2011	89	33	57	..	..	0	..
	2012	*99	*36	*63	..	..	0	..
	2013	*109	*40	*69	..	..	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
*70	*70	..	..	*8	*8	..	..	..
*70	*70	..	..	*21	*21	..	..	..
*70	*70	..	..	*21	*21	..	..	..
*70	*70	..	..	*21	*21	..	..	..
..	..	..	..	7,066	7,066	..	..	..
..	..	..	..	8,907	8,907	..	..	..
..	..	..	..	8,907	8,907	..	..	..
..	..	..	..	9,455	9,455	..	..	..
*32	*32	..	..	475	347	128	..	0
*32	*32	..	..	*475	*347	*128	..	0
*32	*32	..	..	*475	*347	*128	..	0
*32	*32	..	..	*476	*347	*128	..	*1
*215	*210	5	..	287	1	286	..	..
*215	*210	*5	..	287	*1	286	..	..
*215	*210	*5	..	*287	*1	*286	..	..
*215	*210	*5	..	*287	*1	*286	..	..
97	97	..	..	482	128	354	..	..
97	97	..	..	558	194	365	..	..
97	97	..	..	592	226	367	..	..
97	97	..	..	714	266	448	..	..
*70	*70	..	..	126	126	..	..	..
*70	*70	..	..	*126	*126	..	..	..
*70	*70	..	..	*126	*126	..	..	..
*70	*70	..	..	*193	*193	..	..	..
297	297	..	0	444	383	60	..	*1
288	288	..	0	450	389	60	..	1
274	273	..	1	506	445	60	..	1
277	275	..	2	501	439	61	..	1
331	331	..	..	6,348	4,357	1,770	..	221
336	336	..	..	6,377	4,357	1,770	..	250
336	336	..	..	6,677	4,657	1,770	..	250
336	336	..	..	6,677	4,657	1,770	..	250
*50	..	*50	..	2,428	249	2,179	..	..
*50	..	*50	..	2,429	249	2,180	..	..
*50	..	*50	..	2,436	249	2,187	..	..
*50	..	*50	..	2,596	359	2,237	..	..
..	..	..	..	*467	*92	*375	..	..
..	..	..	..	393	144	249	..	..
..	..	..	..	508	167	341	..	..
..	..	..	..	487	155	332	..	..
*30	*29	..	*1	*105	*105	..	..	..
*30	*29	..	*1	*105	*105	..	..	..
*30	*29	..	*1	*105	*105	..	..	..
*30	*29	..	*1	*105	*105	..	..	..
*1,986	*1,946	*40	..	*6,431	*4,541	*1,890	..	..
*2,132	*2,092	*40	..	*6,770	*4,880	*1,890	..	..
*2,132	*2,092	*40	..	*6,770	*4,880	*1,890	..	..
*2,132	*2,092	*40	..	*7,690	*5,800	*1,890	..	..
..	..	..	..	708	471	133	..	104
..	..	..	..	766	477	146	..	144
..	..	..	..	868	567	134	..	167
..	..	..	..	*897	*584	*138	..	175
..	..	..	..	84	33	51	..	0
..	..	..	..	89	33	57	..	0
..	..	..	..	*99	*36	*63	..	0
..	..	..	..	*109	*40	*69	..	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
Sao Tome and Principe	2010	14	12	2	..	..	..	..
	2011	18	16	*2	..	..	..	..
	2012	*18	*16	*2	..	..	..	..
	2013	*19	*16	*3	..	..	..	..
Senegal	2010	686	686	..	..	..	..	..
	2011	827	827	..	..	..	..	..
	2012	854	854	..	..	..	..	..
	2013	*854	*854	..	..	..	..	..
Seychelles	2010	89	89	..	..	0	..	..
	2011	89	89	..	..	0	..	..
	2012	89	89	..	..	0	..	..
	2013	*106	*100	..	..	6	..	..
Sierra Leone	2010	77	27	50	..	..	..	..
	2011	77	27	50	..	..	..	..
	2012	77	27	50	..	..	..	..
	2013	77	27	50	..	..	..	..
Somalia	2010	80	80	..	..	..	..	..
	2011	80	80	..	..	..	..	..
	2012	80	80	..	..	..	..	..
	2013	80	80	..	..	..	..	..
South Africa	2010	*44,813	*42,186	*714	*1,890	*17	*6	..
	2011	*44,813	*42,186	*714	*1,890	*17	*6	..
	2012	*44,820	*42,186	*714	*1,890	*17	*13	..
	2013	*44,170	*41,559	*714	*1,800	*17	*80	..
South Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	*82	*80	..	..	..	*2	..
	2013	*82	*80	..	..	..	*2	..
St. Helena and Depend.	2010	5	5	..	..	0	0	..
	2011	5	5	..	..	0	0	..
	2012	8	8	..	..	0	0	..
	2013	8	8	..	..	0	0	..
Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	2,877	1,287	1,590	..	..	..	..
	2013	3,117	1,287	1,830	..	..	..	..
Sudan (former)	2010	2,338	788	1,550	..	..	..	..
	2011	2,723	1,133	1,590	..	..	..	..
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Swaziland	2010	*153	*89	64	..	..	..	..
	2011	*159	*95	64	..	..	..	..
	2012	*164	*100	64	..	..	..	..
	2013	*164	*100	64	..	..	..	..
Togo	2010	*85	*18	*67	..	..	..	..
	2011	*85	*18	*67	..	..	..	..
	2012	*85	*18	*67	..	..	..	..
	2013	*85	*18	*67	..	..	..	..
Tunisia	2010	3,808	3,693	62	..	53	0	..
	2011	4,217	4,101	62	..	53	1	..
	2012	4,279	4,041	62	..	173	3	..
	2013	4,539	4,270	62	..	200	7	..
Uganda	2010	548	186	362	..	..	..	..
	2011	628	186	442	..	..	..	..
	2012	728	136	592	..	..	..	..
	2013	838	136	702	..	..	..	..

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
..	..	..	..	14	12	2	..	..
..	..	..	..	18	16	*2	..	..
..	..	..	..	*18	*16	*2	..	..
..	..	..	..	*19	*16	*3	..	..
193	193	..	..	493	493	..	..	..
344	344	..	..	483	483	..	..	..
365	365	..	..	489	489	..	..	..
*365	*365	..	..	*489	*489	..	..	..
..	..	..	..	89	89	..	..	0
..	..	..	..	89	89	..	..	0
..	..	..	..	89	89	..	..	0
..	..	..	..	*106	*100	..	..	6
..	..	..	..	77	27	50	..	..
..	..	..	..	77	27	50	..	..
..	..	..	..	77	27	50	..	..
..	..	..	..	77	27	50	..	..
..	..	..	..	80	80	..	..	..
..	..	..	..	80	80	..	..	..
..	..	..	..	80	80	..	..	..
..	..	..	..	80	80	..	..	..
*2,036	*2,000	*36	..	*42,777	*40,186	*678	*1,890	*23
*2,036	*2,000	*36	..	*42,777	*40,186	*678	*1,890	*23
*2,036	*2,000	*36	..	*42,784	*40,186	*678	*1,890	*30
*2,036	*2,000	*36	..	*42,134	*39,559	*678	*1,800	*97
..
*41	*40	..	*1	*41	*40	..	..	*1
*41	*40	..	*1	*41	*40	..	..	*1
..	..	..	..	5	5	..	..	0
..	..	..	..	5	5	..	..	0
..	..	..	..	8	8	..	..	1
..	..	..	..	8	8	..	..	1
..
..	..	..	..	2,877	1,287	1,590	..	..
..	..	..	..	3,117	1,287	1,830	..	..
..	..	..	..	2,338	788	1,550	..	..
..	..	..	..	2,723	1,133	1,590	..	..
..
..
*83	*79	*4	..	70	10	60	..	..
*89	*85	*4	..	70	10	60	..	..
*94	*90	*4	..	70	10	60	..	..
*94	*90	*4	..	70	10	60	..	..
*3	*3	..	..	*82	*15	*67	..	..
*3	*3	..	..	*82	*15	*67	..	..
*3	*3	..	..	*82	*15	*67	..	..
*3	*3	..	..	*82	*15	*67	..	..
*209	*209	..	0	3,599	3,484	62	..	53
*193	*192	..	1	4,024	3,909	62	..	53
*162	*159	..	3	4,117	3,882	62	..	173
*205	*198	..	7	4,334	4,072	62	..	200
*26	*16	*10	..	522	170	352	..	..
*26	*16	*10	..	602	170	432	..	..
*26	*16	*10	..	702	120	582	..	..
*46	*36	*10	..	792	100	692	..	..

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	2010	1,112	*546	562	..	..	*4	..
	2011	1,113	*546	562	..	..	*5	..
	2012	1,114	*546	562	..	..	*6	..
	2013	1,115	*546	562	..	..	*7	..
Zambia	2010	1,946	90	1,856	..	..	..	..
	2011	2,006	*90	1,916	..	..	..	..
	2012	2,006	*90	1,916	..	..	..	..
	2013	*2,038	90	*1,948	..	..	..	..
Zimbabwe	2010	2,112	1,355	757	..	..	..	..
	2011	*2,112	*1,355	757	..	..	..	..
	2012	*2,112	*1,355	757	..	..	..	..
	2013	*2,102	*1,355	*747	..	..	..	..
America, North	2010	1,269,066	908,879	193,129	115,197	43,926	3,675	4,260
	2011	1,284,754	912,742	194,106	115,449	51,968	6,248	4,240
	2012	1,298,385	902,871	194,570	116,865	68,765	10,003	5,311
	2013	1,298,346	899,130	195,199	114,010	70,094	14,282	5,631
Anguilla	2010	28	28	..	..	..	..	..
	2011	28	28	..	..	..	..	..
	2012	28	28	..	..	..	..	..
	2013	28	28	..	..	..	..	..
Antigua and Barbuda	2010	55	55	..	..	..	..	..
	2011	84	84	..	..	..	..	..
	2012	84	84	..	..	..	..	..
	2013	*84	*84	..	..	..	..	..
Aruba	2010	320	290	..	..	30	..	..
	2011	320	290	..	..	30	..	..
	2012	320	290	..	..	30	..	..
	2013	288	258	..	..	30	..	..
Bahamas	2010	591	591	..	..	..	..	..
	2011	591	591	..	..	..	..	..
	2012	591	591	..	..	..	..	..
	2013	591	591	..	..	..	..	..
Barbados	2010	257	257	..	..	..	..	..
	2011	242	242	..	..	..	..	..
	2012	241	241	..	..	..	..	..
	2013	241	241	..	..	..	..	..
Belize	2010	144	91	53	..	..	..	..
	2011	144	91	53	..	..	..	..
	2012	144	91	53	..	..	..	..
	2013	143	88	55	..	..	..	..
Bermuda	2010	*169	*169	..	..	..	..	..
	2011	169	169	..	..	..	..	..
	2012	171	171	..	..	..	..	..
	2013	*171	*171	..	..	..	..	..
Bonaire, St Eustatius, Saba	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	*28	*28	..	..	..	..	..
	2013	*29	*29	..	..	..	..	..
British Virgin Islands	2010	44	44	..	..	0	0	..
	2011	45	44	..	..	1	0	..
	2012	45	44	..	..	1	0	..
	2013	45	44	..	..	1	0	..
Canada	2010	132,375	40,424	75,078	12,665	3,967	221	20
	2011	132,959	38,939	75,573	12,665	5,265	497	20
	2012	132,598	34,660	75,537	13,370	7,801	1,210	20
	2013	132,598	34,660	75,537	13,370	7,801	1,210	20

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
*24	*20	..	*4	1,088	*526	562	..	..
*25	*20	..	*5	1,088	*526	562	..	..
*26	*20	..	*6	1,088	*526	562	..	..
*27	*20	..	*7	1,088	*526	562	..	..
58	10	48	..	1,888	80	1,808	..	..
58	*10	48	..	1,948	*80	1,868	..	..
58	*10	48	..	1,948	*80	1,868	..	..
*58	*10	*48	..	*1,980	80	*1,900	..	..
45	45	..	..	2,067	1,310	757	..	..
*45	*45	..	..	*2,067	*1,310	757	..	..
*45	*45	..	..	*2,067	*1,310	757	..	..
*45	*45	..	..	*2,057	*1,310	*747	..	..
55,338	45,966	5,854	3,519	1,213,728	862,913	187,276	115,197	48,342
57,626	45,906	6,446	5,275	1,227,128	866,836	187,661	115,449	57,181
59,920	46,218	6,237	7,466	1,238,465	856,654	188,333	116,865	76,613
61,308	46,415	6,238	8,655	1,237,038	852,715	188,961	114,010	81,352
..	..	..	..	28	28	..	..	..
..	..	..	..	28	28	..	..	..
..	..	..	..	28	28	..	..	..
..	..	..	..	28	28	..	..	..
1	1	..	..	54	54	..	..	..
*1	*1	..	..	83	83	..	..	..
*1	*1	..	..	83	83	..	..	..
*1	*1	..	..	*83	*83	..	..	..
..	..	..	..	320	290	..	..	30
..	..	..	..	320	290	..	..	30
..	..	..	..	320	290	..	..	30
..	..	..	..	288	258	..	..	30
*55	*55	..	..	536	536	..	..	..
*55	*55	..	..	536	536	..	..	..
*55	*55	..	..	536	536	..	..	..
*55	*55	..	..	536	536	..	..	..
..	..	..	..	257	257	..	..	..
*3	*3	..	..	239	239	..	..	..
*2	*2	..	..	239	239	..	..	..
*2	*2	..	..	239	239	..	..	..
28	28	..	..	116	63	53	..	..
28	28	..	..	116	63	53	..	..
26	26	..	..	118	65	53	..	..
23	23	..	..	120	66	55	..	..
4	4	..	..	*165	*165	..	..	..
4	4	..	..	165	165	..	..	..
4	4	..	..	167	167	..	..	..
*4	*4	..	..	*167	*167	..	..	..
..
..	..	..	..	*28	*28	..	..	..
..	..	..	..	*29	*29	..	..	..
..	..	..	..	44	44	..	..	0
..	..	..	..	45	44	..	..	1
..	..	..	..	45	44	..	..	1
..	..	..	..	45	44	..	..	1
10,565	5,478	5,087	..	121,810	34,946	69,991	12,665	4,208
10,494	5,407	5,087	..	122,465	33,532	70,486	12,665	5,782
10,546	5,407	5,139	..	122,052	29,253	70,398	13,370	9,031
10,546	5,407	5,139	..	122,052	29,253	70,398	13,370	9,031

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	2010	151	151	..	..	..	..	..
	2011	151	151	..	..	..	..	..
	2012	150	150	..	..	..	..	..
	2013	150	150	..	..	..	..	..
Costa Rica	2010	2,794	911	1,596	..	*120	*1	166
	2011	2,889	862	1,682	..	*133	*1	211
	2012	2,724	656	1,700	..	*149	*1	218
	2013	2,753	656	1,729	..	*149	1	218
Cuba	2010	5,853	5,790	63	..	..	..	..
	2011	5,914	5,849	65	..	..	..	..
	2012	5,699	5,637	62	..	..	..	..
	2013	6,055	5,992	63	..	..	..	..
Curaçao	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	*235	*235	..	..	..	..	..
	2013	*235	*235	..	..	..	..	..
Dominica	2010	27	20	7	..	..	..	..
	2011	27	20	7	..	..	..	..
	2012	27	20	7	..	..	..	..
	2013	27	20	7	..	..	..	..
Dominican Republic	2010	3,625	3,102	523	..	0	..	..
	2011	3,692	3,135	523	..	33	..	..
	2012	4,007	3,317	605	..	85	..	..
	2013	4,280	3,589	606	..	85	..	..
El Salvador	2010	1,461	785	472	..	..	..	204
	2011	1,477	801	472	..	..	..	204
	2012	1,477	801	472	..	..	..	204
	2013	1,537	860	473	..	..	..	204
Greenland	2010	*174	*106	68	..	..	..	..
	2011	*174	*106	*68	..	..	..	..
	2012	*172	*96	76	..	..	..	..
	2013	187	*96	91	..	..	..	..
Grenada	2010	49	49	..	..	..	..	..
	2011	50	50	..	..	..	..	..
	2012	49	49	..	..	..	..	..
	2013	49	49	..	..	..	..	..
Guadeloupe	2010	440	359	8	..	21	*37	15
	2011	467	359	8	..	21	*63	16
	2012	493	380	9	..	27	64	14
	2013	496	380	9	..	27	67	14
Guatemala	2010	2,458	1,556	853	..	..	..	49
	2011	2,576	1,640	*887	..	..	..	49
	2012	*2,796	*1,773	*991	..	..	..	*32
	2013	*2,974	*1,923	*1,002	..	..	..	*49
Haiti	2010	267	207	61	..	..	..	..
	2011	267	207	61	..	..	..	..
	2012	267	207	61	..	..	..	..
	2013	*340	*262	77	..	..	..	..
Honduras	2010	1,611	1,084	527	..	0	..	..
	2011	1,721	1,088	531	..	102	..	..
	2012	1,783	1,143	538	..	102	..	..
	2013	1,806	1,147	558	..	102	..	..
Jamaica	2010	819	776	23	..	21	..	..
	2011	840	776	23	..	42	..	..
	2012	905	841	23	..	42	..	..
	2013	939	867	30	..	42	..	..

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
..	..	..	..	151	151	..	..	..
..	..	..	..	151	151	..	..	..
..	..	..	..	150	150	..	..	..
..	..	..	..	150	150	..	..	..
356	29	210	*117	2,438	882	1,386	..	170
*368	28	*210	*130	2,521	834	1,472	..	215
*370	21	*210	*139	2,354	635	1,490	..	229
*393	44	*210	*139	2,360	613	1,519	..	229
549	549	..	..	5,304	5,241	63	..	..
544	544	..	..	5,370	5,305	65	..	..
519	519	..	..	5,180	5,118	62	..	..
470	470	..	..	5,585	5,522	63	..	..
..
..	..	..	..	*102	*102	..	..	..
*133	*133	..	..	*102	*102	..	..	..
*133	*133	..	..	*102	*102	..	..	..
..	..	..	..	27	20	7	..	..
..	..	..	..	27	20	7	..	..
..	..	..	..	27	20	7	..	..
..	..	..	..	27	20	7	..	..
*385	*385	..	..	3,240	2,717	523	..	0
*390	*390	..	..	3,302	2,745	523	..	33
*390	*390	..	..	3,617	2,927	605	..	85
*390	*390	..	..	3,890	3,199	606	..	85
177	177	0	..	1,284	608	472	..	204
193	193	0	..	1,284	608	472	..	204
193	193	0	..	1,284	608	472	..	204
*193	*193	0	..	1,344	667	473	..	204
*16	*16	..	..	*158	*90	68	..	..
*16	*16	..	..	*158	*90	*68	..	..
*16	*16	..	..	*156	*80	76	..	..
*16	*16	..	..	171	*80	91	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	50	50	..	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	440	359	8	..	*73
..	..	..	..	467	359	8	..	*100
..	..	..	..	493	380	9	..	105
..	..	..	..	496	380	9	..	108
386	382	4	..	2,072	1,174	849	..	49
455	451	*4	..	2,122	1,190	*883	..	49
*492	*487	*5	..	*2,304	*1,286	*987	..	*32
533	528	*5	..	*2,441	*1,395	*998	..	*49
74	74	..	..	193	133	61	..	..
74	74	..	..	193	133	61	..	..
74	74	..	..	193	133	61	..	..
*94	*94	..	..	*246	*168	77	..	..
76	74	2	..	1,535	1,010	525	..	0
108	106	2	..	1,613	982	529	..	102
117	115	2	..	1,666	1,028	536	..	102
117	115	2	..	1,690	1,032	556	..	102
211	190	..	21	608	586	23	..	0
229	190	..	39	611	586	23	..	3
294	255	..	39	611	586	23	..	3
295	256	..	39	645	612	30	..	3

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	2010	*415	*400	..	..	1	*14	..
	2011	*415	*400	..	..	1	*14	..
	2012	*461	*400	..	..	1	60	..
	2013	*463	*400	..	..	1	62	..
Mexico	2010	62,290	47,736	11,626	1,365	569	29	965
	2011	61,600	47,070	11,646	1,365	601	31	887
	2012	62,136	46,707	11,650	1,610	1,304	53	812
	2013	63,611	48,047	11,653	1,400	1,612	76	823
Montserrat	2010	*5	*5	..	..	..	..	..
	2011	*5	*5	..	..	..	..	..
	2012	*5	*5	..	..	..	..	..
	2013	*5	*5	..	..	..	..	..
Neth. Antilles (former)	2010	*325	*325	..	..	..	..	..
	2011	*325	*325	..	..	..	..	..
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Nicaragua	2010	1,074	817	106	..	63	..	88
	2011	1,110	853	106	..	63	..	88
	2012	1,288	870	107	..	146	..	165
	2013	1,292	869	121	..	147	..	155
Panama	2010	1,976	1,040	936	..	0	..	..
	2011	2,391	1,040	1,351	..	0	..	..
	2012	2,422	954	1,468	..	0	..	..
	2013	2,546	1,032	1,494	..	20	..	..
Puerto Rico	2010	5,901	5,801	100	..	0	0	..
	2011	5,900	5,800	100	..	0	0	..
	2012	5,903	5,800	100	..	1	*2	..
	2013	6,024	5,800	100	..	102	22	..
Sint Maarten (Dutch part)	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	*62	*62	..	..	..	..	..
	2013	*63	*63	..	..	..	..	..
St. Kitts-Nevis	2010	*49	*49	..	..	..	..	..
	2011	*54	*54	..	..	..	..	..
	2012	*61	*61	..	..	..	..	..
	2013	*61	*61	..	..	..	..	..
St. Lucia	2010	76	76	..	..	..	..	..
	2011	76	76	..	..	..	..	..
	2012	86	86	..	..	..	..	..
	2013	86	86	..	..	..	..	..
St. Pierre-Miquelon	2010	27	26	..	..	1	..	..
	2011	27	26	..	..	1	..	..
	2012	27	26	..	..	1	..	..
	2013	28	27	..	..	1	..	..
St. Vincent-Grenadines	2010	*41	*34	*7	..	..	..	..
	2011	*41	*34	*7	..	..	..	..
	2012	*41	*34	*7	..	..	..	..
	2013	*41	*34	*7	..	..	..	..
Trinidad and Tobago	2010	1,796	1,796	..	..	..	..	..
	2011	2,295	2,295	..	..	..	..	..
	2012	2,577	2,577	..	..	..	..	..
	2013	2,598	2,598	..	..	..	..	..
Turks and Caicos Islands	2010	57	57	..	..	..	..	..
	2011	65	65	..	..	..	..	..
	2012	76	76	..	..	..	..	..
	2013	76	76	..	..	..	..	..

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	..	..	*411	*396	..	..	*15
4	4	..	..	*411	*396	..	..	*15
4	4	..	..	*457	*396	..	..	61
4	4	..	..	*459	*396	..	..	63
9,344	8,708	123	513	52,946	39,028	11,503	1,365	1,050
9,089	8,397	147	545	52,511	38,673	11,499	1,365	974
9,602	8,692	152	758	52,534	38,015	11,498	1,610	1,411
10,114	8,886	144	1,084	53,497	39,161	11,509	1,400	1,427
..	..	..	..	*5	*5	..	..	..
..	..	..	..	*5	*5	..	..	..
..	..	..	..	*5	*5	..	..	..
..	..	..	..	*5	*5	..	..	..
*133	*133	..	..	*192	*192	..	..	..
*133	*133	..	..	*192	*192	..	..	..
..
..
123	122	1	..	951	695	105	..	151
123	122	1	..	987	731	105	..	151
135	134	1	..	1,153	736	106	..	311
135	134	1	..	1,157	735	120	..	302
224	159	65	..	1,752	881	871	..	0
224	159	65	..	2,167	881	1,286	..	0
224	159	65	..	2,198	795	1,403	..	0
213	153	60	..	2,333	879	1,434	..	20
*61	*61	..	..	5,840	5,740	100	..	0
*61	*61	..	..	5,839	5,739	100	..	0
*61	*61	..	..	5,842	5,739	100	..	*3
*61	*61	..	..	5,963	5,739	100	..	124
..
..
..	..	..	..	*62	*62	..	..	..
..	..	..	..	*63	*63	..	..	..
*6	*6	..	..	*43	*43	..	..	..
*6	*6	..	..	*48	*48	..	..	..
*6	*6	..	..	*55	*55	..	..	..
*6	*6	..	..	*55	*55	..	..	..
..	..	..	..	76	76	..	..	..
..	..	..	..	76	76	..	..	..
..	..	..	..	86	86	..	..	..
..	..	..	..	86	86	..	..	..
..	..	..	..	27	26	..	..	1
..	..	..	..	27	26	..	..	1
..	..	..	..	27	26	..	..	1
..	..	..	..	28	27	..	..	1
..	..	..	..	*41	*34	*7	..	..
..	..	..	..	*41	*34	*7	..	..
..	..	..	..	*41	*34	*7	..	..
..	..	..	..	*41	*34	*7	..	..
*196	*196	..	..	1,600	1,600	..	..	..
*196	*196	..	..	2,099	2,099	..	..	..
*196	*196	..	..	2,381	2,381	..	..	..
*196	*196	..	..	2,402	2,402	..	..	..
..	..	..	..	57	57	..	..	..
..	..	..	..	65	65	..	..	..
..	..	..	..	76	76	..	..	..
..	..	..	..	76	76	..	..	..

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	2010	1,041,000	793,551	101,023	101,167	39,134	3,373	2,752
	2011	1,055,278	798,833	100,944	101,419	45,676	5,642	2,764
	2012	1,067,878	793,352	101,106	101,885	59,075	8,613	3,847
	2013	1,065,092	787,297	101,589	99,240	59,974	12,844	4,148
United States Virgin Is.	2010	*323	*323	..	..	..	..	..
	2011	345	345	..	..	..	..	..
	2012	330	330	..	..	..	..	..
	2013	316	316	..	..	..	..	..
America, South	2010	229,822	88,994	136,863	3,025	859	2	78
	2011	238,105	93,571	139,689	3,025	1,758	7	55
	2012	247,262	100,020	141,700	3,025	2,328	129	60
	2013	263,848	113,729	143,976	3,008	2,852	220	64
Argentina	2010	32,876	21,783	10,045	1,018	30	0	..
	2011	33,810	22,660	10,045	1,018	*82	*5	..
	2012	35,023	23,807	10,053	1,018	134	11	..
	2013	39,563	28,269	10,074	1,018	194	8	..
Bolivia (Plur. State of)	2010	1,647	1,157	488	..	..	*2	..
	2011	1,684	1,188	494	..	..	*2	..
	2012	1,882	1,387	494	..	..	*2	..
	2013	*2,114	*1,618	*494	..	..	*2	..
Brazil	2010	112,400	29,154	80,637	2,007	602	..	..
	2011	117,134	31,243	82,459	2,007	1,425	..	..
	2012	120,973	32,786	84,294	2,007	1,886	..	..
	2013	126,743	36,528	86,018	1,990	2,202	5	..
Chile	2010	16,231	10,576	5,467	..	163	0	25
	2011	17,549	11,419	5,946	..	184	0	0
	2012	18,153	11,957	5,992	..	202	2	0
	2013	19,707	13,222	6,094	..	301	90	0
Colombia	2010	14,518	5,147	9,300	..	18	..	53
	2011	14,780	4,897	9,810	..	18	..	55
	2012	14,769	4,824	9,870	..	18	..	57
	2013	14,913	4,867	9,967	..	18	..	61
Ecuador	2010	4,757	2,540	2,215	..	2	0	..
	2011	4,795	2,586	2,207	..	2	0	..
	2012	5,064	2,824	2,237	..	3	0	..
	2013	5,105	2,843	2,237	..	23	*2	..
Falkland Is. (Malvinas)	2010	*12	*9	..	..	*3	..	..
	2011	*12	*9	..	..	*3	..	..
	2012	*12	*9	..	..	*3	..	..
	2013	*12	*9	..	..	*3	..	..
French Guiana	2010	243	129	114	..	..	0	..
	2011	247	129	118	..	..	0	..
	2012	281	129	118	..	..	34	..
	2013	292	140	119	..	..	33	..
Guyana	2010	348	348	..	..	..	..	..
	2011	349	349	..	..	..	..	..
	2012	363	363	..	..	..	..	..
	2013	*383	*383	..	..	..	..	..
Paraguay	2010	8,816	6	8,810	..	..	..	..
	2011	8,816	6	8,810	..	..	..	..
	2012	8,816	6	8,810	..	..	..	..
	2013	8,825	15	8,810	..	..	..	..
Peru	2010	8,614	5,175	3,438	..	1	0	..
	2011	8,691	5,240	3,451	..	1	0	..
	2012	9,699	6,134	3,484	..	1	80	..
	2013	11,051	7,414	3,556	..	1	80	..

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
32,350	29,120	362	2,868	1,008,650	764,431	100,661	101,167	42,391
34,814	29,323	930	4,561	1,020,464	769,510	100,014	101,419	49,521
36,461	29,267	664	6,530	1,031,417	764,085	100,442	101,885	65,005
37,316	29,245	678	7,393	1,027,776	758,052	100,911	99,240	69,573
*15	*15	..	..	*308	*308	..	..	..
*15	*15	..	..	330	330	..	..	..
0	0	..	..	330	330	..	..	..
0	0	..	..	316	316	..	..	..
25,099	21,130	3,930	40	204,723	67,864	132,934	3,025	900
27,411	22,446	4,945	20	210,695	71,125	134,743	3,025	1,801
28,503	23,443	5,029	31	218,759	76,577	136,672	3,025	2,486
29,983	24,461	5,396	125	233,865	89,267	138,580	3,008	3,010
3,866	3,844	20	2	29,010	17,939	10,025	1,018	28
3,923	3,901	20	2	29,887	18,759	10,025	1,018	*85
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
139	110	27	*2	1,508	1,047	462	..	..
121	93	26	*2	1,563	1,096	467	..	..
137	108	26	*2	1,746	1,279	467	..	..
*155	*126	*26	*2	*1,959	*1,492	*467	..	..
15,533	12,141	3,392	..	96,867	17,013	77,245	2,007	602
17,775	13,338	4,437	..	99,359	17,905	78,022	2,007	1,425
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
1,300	1,191	84	25	14,931	9,385	5,383	..	163
1,191	1,175	14	2	16,358	10,244	5,932	..	182
1,037	983	42	12	17,116	10,974	5,950	..	192
1,295	1,117	82	96	18,412	12,105	6,012	..	295
*272	*229	43	..	14,246	4,918	9,257	..	71
353	261	92	..	14,427	4,636	9,718	..	73
356	264	92	..	14,413	4,560	9,778	..	75
356	264	92	..	14,557	4,603	9,875	..	79
712	630	82	..	4,045	1,910	2,133	..	2
712	639	73	..	4,083	1,947	2,134	..	2
740	664	76	..	4,324	2,160	2,161	..	3
794	718	76	..	4,311	2,125	2,161	..	25
*2	*2	..	..	*10	*7	..	..	*3
*2	*2	..	..	*10	*7	..	..	*3
*2	*2	..	..	*10	*7	..	..	*3
*2	*2	..	..	*10	*7	..	..	*3
..	..	..	..	243	129	114	..	0
..	..	..	..	247	129	118	..	0
..	..	..	..	281	129	118	..	34
..	..	..	..	292	140	119	..	33
179	179	..	..	170	170	..	..	..
179	179	..	..	170	170	..	..	..
180	180	..	..	182	182	..	..	..
*190	*190	..	..	*192	*192	..	..	..
..	..	..	..	8,816	6	8,810	..	..
..	..	..	..	8,816	6	8,810	..	..
..	..	..	..	8,816	6	8,810	..	..
..	..	..	..	8,825	15	8,810	..	..
1,304	1,211	93	..	7,310	3,964	3,345	..	1
1,377	1,283	94	..	7,314	3,957	3,357	..	1
1,432	1,329	103	..	8,267	4,806	3,381	..	81
1,416	1,311	106	..	9,635	6,104	3,451	..	81

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
Suriname	2010	410	221	189	..	..	..	..
	2011	427	238	189	..	..	..	..
	2012	427	238	189	..	..	..	..
	2013	427	238	189	..	..	..	..
Uruguay	2010	2,792	1,214	1,538	..	41	..	..
	2011	2,803	1,221	1,538	..	44	..	..
	2012	2,969	1,379	1,538	..	53	..	..
	2013	3,119	1,522	1,538	..	59	..	..
Venezuela (Bolivar. Rep.)	2010	26,157	11,535	14,622	..	..	..	..
	2011	27,008	12,386	14,622	..	..	..	..
	2012	28,832	14,177	14,622	..	30	..	3
	2013	31,595	16,662	14,880	..	50	..	3
Asia	2010	2,198,296	1,663,120	403,449	88,615	34,382	4,835	3,894
	2011	2,374,796	1,790,145	428,224	92,385	51,774	8,403	3,865
	2012	2,540,954	1,910,483	454,977	91,671	67,830	11,822	4,171
	2013	2,726,887	1,998,088	492,137	91,877	105,161	34,473	5,150
Afghanistan	2010	*489	115	*374	..	..	..	..
	2011	431	115	316	..	..	..	..
	2012	431	115	316	..	..	..	..
	2013	*431	*115	*316	..	..	..	..
Armenia	2010	3,480	1,906	1,162	408	4	..	..
	2011	3,509	1,906	1,191	408	4	..	..
	2012	4,055	2,394	1,249	408	4	..	..
	2013	4,095	2,394	1,289	408	4	..	..
Azerbaijan	2010	6,396	5,401	995	..	0	0	..
	2011	6,350	5,352	998	..	0	0	..
	2012	6,420	5,397	1,023	..	0	..	..
	2013	7,353	6,264	1,084	..	3	2	..
Bahrain	2010	*5,868	*5,868	..	..	..	..	..
	2011	*5,868	*5,868	..	..	..	..	..
	2012	*5,868	*5,868	..	..	..	..	..
	2013	*5,868	*5,868	..	..	..	..	..
Bangladesh	2010	5,827	5,597	230	..	..	..	..
	2011	6,639	6,409	230	..	..	..	..
	2012	8,100	7,870	230	..	..	..	..
	2013	8,537	8,222	315	..	..	..	..
Bhutan	2010	1,505	17	1,488	..	..	0	..
	2011	1,505	17	1,488	..	..	0	..
	2012	1,505	17	1,488	..	..	0	..
	2013	1,506	17	1,488	..	..	0	..
Brunei Darussalam	2010	*785	*785	..	..	..	..	..
	2011	*803	*802	..	..	..	*1	..
	2012	*826	*825	..	..	..	*1	..
	2013	*826	*825	..	..	..	*1	..
Cambodia	2010	362	347	13	..	..	*2	..
	2011	571	362	207	..	..	2	..
	2012	584	357	225	..	..	*2	..
	2013	1,157	472	683	..	..	*2	..
China	2010	1,032,150	768,829	222,633	10,820	29,580	260	28
	2011	1,136,211	834,799	240,364	12,570	46,230	2,220	28
	2012	1,222,952	888,257	257,090	12,570	61,420	3,410	205
	2013	1,341,049	945,120	288,777	14,660	76,520	15,890	82
China, Hong Kong SAR	2010	12,624	12,624	..	..	..	..	..
	2011	12,624	12,624	..	..	..	..	..
	2012	12,625	12,625	..	..	..	..	..
	2013	12,625	12,625	..	..	..	..	..

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
330	141	189	..	80	80	..	..	..
312	123	189	..	115	115	..	..	..
312	123	189	..	115	115	..	..	..
312	123	189	..	115	115	..	..	..
159	149	..	11	2,633	1,065	1,538	..	30
162	149	..	14	2,641	1,073	1,538	..	30
172	156	..	15	2,798	1,223	1,538	..	37
185	164	..	20	2,935	1,357	1,538	..	39
*1,303	*1,303	..	..	24,854	10,232	14,622	..	..
*1,303	*1,303	..	..	25,705	11,083	14,622	..	..
*1,303	*1,303	..	..	27,529	12,874	14,622	..	33
1,303	1,303	..	..	30,292	15,359	14,880	..	53
236,817	217,369	13,216	6,232	1,961,479	1,445,751	390,233	88,615	36,880
257,433	236,500	13,040	7,893	2,117,362	1,553,645	415,184	92,385	56,149
268,987	245,670	13,446	9,871	2,271,967	1,664,813	441,530	91,671	73,952
286,194	253,163	14,175	18,856	2,440,693	1,744,925	477,962	91,877	125,929
*182	55	*127	..	*307	60	*247	..	..
182	55	127	..	249	60	189	..	..
182	55	127	..	249	60	189	..	..
*182	*55	*127	..	*249	*60	*189	..	..
..	..	..	..	3,480	1,906	1,162	408	4
..	..	..	..	3,509	1,906	1,191	408	4
..	..	..	..	4,055	2,394	1,249	408	4
..	..	..	..	4,095	2,394	1,289	408	4
100	100	..	..	6,296	5,301	995	..	0
100	100	..	..	6,250	5,252	998	..	0
126	126	..	..	6,294	5,271	1,023	..	0
236	236	..	..	7,117	6,028	1,084	..	5
*3,000	*3,000	..	..	*2,868	*2,868	..	..	..
*3,000	*3,000	..	..	*2,868	*2,868	..	..	..
*3,000	*3,000	..	..	*2,868	*2,868	..	..	..
*3,000	*3,000	..	..	*2,868	*2,868	..	..	..
1,911	1,911	..	..	3,916	3,686	230	..	..
1,911	1,911	..	..	4,728	4,498	230	..	..
2,375	2,375	..	..	5,725	5,495	230	..	..
2,222	2,222	..	..	6,315	6,000	315	..	..
..	..	..	..	1,505	17	1,488	..	0
..	..	..	..	1,505	17	1,488	..	0
..	..	..	..	1,505	17	1,488	..	0
..	..	..	..	1,506	17	1,488	..	0
*70	*70	..	..	*715	*715	..	..	..
*72	*72	..	..	*731	*730	..	..	*1
*75	*75	..	..	*751	*750	..	..	*1
*75	*75	..	..	*751	*750	..	..	*1
..	..	..	..	362	347	13	..	*2
..	..	..	..	571	362	207	..	2
..	..	..	..	584	357	225	..	*2
..	..	..	..	1,157	472	683	..	*2
*65,732	*59,159	*6,573	..	966,418	709,670	216,060	10,820	29,868
*73,843	*66,459	*7,384	..	1,062,368	768,340	232,980	12,570	48,478
*76,197	*68,577	*7,620	..	1,146,755	819,680	249,470	12,570	65,035
*83,367	*75,030	*8,337	..	1,257,682	870,090	280,440	14,660	92,492
..	..	..	..	12,624	12,624	..	..	..
..	..	..	..	12,624	12,624	..	..	..
..	..	..	..	12,625	12,625	..	..	..
..	..	..	..	12,625	12,625	..	..	..

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
China, Macao SAR	2010	497	497	..	..	..	..	..
	2011	497	497	..	..	..	..	..
	2012	497	497	..	..	..	..	..
	2013	497	497	..	..	..	..	..
Cyprus	2010	1,561	1,471	..	..	82	8	..
	2011	1,736	1,591	..	..	134	11	..
	2012	1,726	1,561	..	..	147	18	..
	2013	1,820	1,637	..	..	147	36	..
Georgia	2010	*4,538	*1,688	*2,850	..	..	..	..
	2011	*4,350	*1,688	*2,662	..	..	..	..
	2012	*4,350	*1,688	*2,662	..	..	..	..
	2013	*4,350	*1,688	*2,662	..	..	..	..
India	2010	206,526	164,118	37,628	4,780	0	0	..
	2011	236,387	192,556	39,051	4,780	..	0	..
	2012	259,854	215,522	39,552	4,780	0	0	..
	2013	*294,873	*226,449	*40,061	4,780	*21,264	*2,319	..
Indonesia	2010	*34,244	*27,972	5,078	..	*4	*1	1,189
	2011	*40,903	*35,743	*3,945	..	*5	1	1,209
	2012	53,355	47,341	4,661	..	*5	4	1,344
	2013	55,725	48,756	4,992	..	*3	9	1,965
Iran (Islamic Rep. of)	2010	66,483	57,896	8,488	..	93	0	7
	2011	70,356	60,485	8,746	1,020	98	0	7
	2012	74,475	63,596	9,746	1,020	106	0	7
	2013	75,816	64,413	10,266	1,020	110	0	7
Iraq	2010	14,171	11,658	2,513	..	..	..	..
	2011	16,952	14,439	2,513	..	..	..	..
	2012	16,952	14,439	2,513	..	..	..	..
	2013	27,110	24,597	2,513	..	..	..	..
Israel	2010	13,058	12,940	7	..	6	70	35
	2011	13,990	13,662	7	..	6	190	125
	2012	14,413	14,163	7	..	6	237	0
	2013	15,017	14,583	8	..	6	420	0
Japan	2010	287,027	183,882	47,736	48,960	2,294	3,618	537
	2011	292,058	186,810	48,418	48,960	2,419	4,914	537
	2012	295,193	190,405	48,934	46,148	2,562	6,632	512
	2013	302,711	192,759	48,932	44,264	2,645	13,599	512
Jordan	2010	3,178	3,162	12	..	4	..	..
	2011	3,715	3,687	12	..	16	..	..
	2012	3,715	3,687	12	..	16	..	..
	2013	*3,715	*3,687	*12	..	*16	..	..
Kazakhstan	2010	*18,734	*16,517	*2,217	..	0	..	..
	2011	*18,734	*16,517	*2,217	..	0	..	..
	2012	*18,736	*16,517	*2,217	..	*2	..	..
	2013	*18,738	*16,517	*2,217	..	*4	..	..
Korea, Dem.Ppl's.Rep.	2010	*9,500	*4,500	*5,000	..	..	..	..
	2011	*9,500	*4,500	*5,000	..	..	..	..
	2012	*9,500	*4,500	*5,000	..	..	..	..
	2013	*9,500	*4,500	*5,000	..	..	..	..
Korea, Republic of	2010	84,700	60,389	5,525	17,716	382	650	38
	2011	84,654	58,303	6,418	18,716	425	730	62
	2012	94,282	65,538	6,447	20,716	464	1,024	93
	2013	91,997	62,565	6,454	20,716	498	1,375	389
Kuwait	2010	12,679	12,679	..	..	..	..	..
	2011	14,803	14,803	..	..	..	..	..
	2012	14,803	14,803	..	..	..	..	..
	2013	15,719	15,719	..	..	..	..	..

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
*25	*25	..	..	472	472	..	..	..
*25	*25	..	..	472	472	..	..	..
*25	*25	..	..	472	472	..	..	..
*25	*25	..	..	472	472	..	..	..
33	32	..	*1	1,528	1,439	..	..	89
37	36	..	*1	1,699	1,555	..	..	144
37	36	..	*1	1,689	1,525	..	..	164
37	36	..	*1	1,783	1,601	..	..	182
..	..	..	..	*4,538	*1,688	*2,850	..	..
..	..	..	..	*4,350	*1,688	*2,662	..	..
..	..	..	..	*4,350	*1,688	*2,662	..	..
..	..	..	..	*4,350	*1,688	*2,662	..	..
32,900	32,839	61	..	173,626	131,279	37,567	4,780	0
*36,510	*36,449	*61	..	199,877	156,107	38,990	4,780	0
*36,510	*36,449	*61	..	223,344	179,073	39,491	4,780	0
38,087	36,449	*61	*1,577	*256,786	*190,000	*40,000	4,780	*22,006
*5,714	*4,343	*1,368	*3	*28,530	*23,629	3,710	..	1,191
*6,924	*6,420	*500	*4	*33,979	*29,323	*3,445	..	1,211
*8,102	*7,583	*515	*4	45,253	39,758	4,146	..	1,349
*8,937	*8,434	*501	*2	46,788	40,322	4,491	..	1,975
5,024	5,024	..	..	61,460	52,872	8,488	..	100
5,134	5,134	..	..	65,222	55,351	8,746	1,020	105
5,581	5,581	..	..	68,894	58,015	9,746	1,020	113
5,581	5,581	..	..	70,235	58,832	10,266	1,020	117
..	..	..	..	14,171	11,658	2,513	..	..
..	..	..	..	16,952	14,439	2,513	..	..
..	..	..	..	16,952	14,439	2,513	..	..
..	..	..	..	27,110	24,597	2,513	..	..
475	393	2	80	12,583	12,547	5	..	31
685	393	2	290	13,305	13,269	5	..	31
667	428	2	237	13,746	13,735	5	..	6
925	503	2	420	14,092	14,080	6	..	6
59,030	48,812	4,369	5,849	227,997	135,070	43,367	48,960	600
62,150	50,678	4,250	7,222	229,908	136,132	44,168	48,960	648
63,973	50,610	4,282	9,081	231,220	139,795	44,652	46,148	625
71,244	50,858	4,256	16,130	231,467	141,901	44,676	44,264	626
*199	*199	..	..	2,979	2,963	12	..	4
*199	*199	..	..	3,516	3,488	12	..	16
*199	*199	..	..	3,516	3,488	12	..	16
*199	*199	..	..	*3,516	*3,488	*12	..	*16
..	..	..	..	*18,734	*16,517	*2,217	..	0
..	..	..	..	*18,734	*16,517	*2,217	..	0
..	..	..	..	*18,736	*16,517	*2,217	..	*2
..	..	..	..	*18,738	*16,517	*2,217	..	*4
..	..	..	..	*9,500	*4,500	*5,000	..	..
..	..	..	..	*9,500	*4,500	*5,000	..	..
..	..	..	..	*9,500	*4,500	*5,000	..	..
..	..	..	..	*9,500	*4,500	*5,000	..	..
5,598	5,476	..	122	79,102	54,913	5,525	17,716	948
5,702	5,503	..	199	78,952	52,800	6,418	18,716	1,018
6,817	6,452	..	365	87,465	59,086	6,447	20,716	1,216
6,338	5,835	..	503	85,659	56,730	6,454	20,716	1,759
*100	*100	..	..	12,579	12,579	..	..	..
*100	*100	..	..	14,703	14,703	..	..	..
*100	*100	..	..	14,703	14,703	..	..	..
100	100	..	..	15,619	15,619	..	..	..

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
Kyrgyzstan	2010	3,860	795	3,065	..	..	..	..
	2011	*3,860	*795	*3,065	..	..	..	..
	2012	*3,860	*795	*3,065	..	..	..	..
	2013	3,860	795	3,065	..	..	..	..
Lao People's Dem. Rep.	2010	2,746	*50	2,520	..	..	*176	..
	2011	2,796	*50	2,570	..	..	*176	..
	2012	3,199	*50	2,973	..	..	*176	..
	2013	3,206	*50	2,980	..	..	*176	..
Lebanon	2010	3,212	2,938	*274	..	..	..	..
	2011	3,209	2,988	221	..	..	..	..
	2012	3,209	2,988	221	..	..	..	..
	2013	3,209	2,988	221	..	..	..	..
Malaysia	2010	*25,399	*23,278	*2,120	..	..	*1	..
	2011	28,750	25,734	3,015	..	..	*1	..
	2012	29,198	25,826	3,317	..	..	*55	..
	2013	31,817	27,725	3,931	..	..	*161	..
Maldives	2010	77	77	..	..	..	..	..
	2011	78	78	..	..	..	..	..
	2012	81	81	..	..	..	..	..
	2013	81	81	..	..	..	..	..
Mongolia	2010	*832	*832	..	..	..	..	..
	2011	*910	*910	..	..	..	..	..
	2012	*910	*910	..	..	..	..	..
	2013	*950	*950	..	..	..	..	..
Myanmar	2010	3,413	891	2,522	..	..	..	..
	2011	3,588	895	2,693	..	..	..	..
	2012	3,726	913	2,813	..	..	..	..
	2013	4,146	1,141	3,005	..	..	..	..
Nepal	2010	*630	*57	*573	..	..	..	..
	2011	*762	53	*709	..	..	..	..
	2012	*762	53	*709	..	..	..	..
	2013	*772	53	*718	..	..	..	..
Oman	2010	4,265	4,265	..	..	..	..	..
	2011	4,861	4,861	..	..	..	..	..
	2012	5,808	5,808	..	..	..	..	..
	2013	6,598	6,598	..	..	..	..	..
Other Asia	2010	48,884	38,663	4,579	5,144	476	22	..
	2011	48,795	38,367	4,643	5,144	523	118	..
	2012	48,424	37,803	4,683	5,144	571	223	..
	2013	48,860	38,026	4,683	5,144	614	392	..
Pakistan	2010	22,477	15,209	6,481	787	..	..	..
	2011	22,797	15,454	6,556	787	..	..	..
	2012	*23,914	*16,488	*6,541	*885	..	..	..
	2013	*23,914	*16,488	*6,541	*885	..	..	..
Philippines	2010	16,386	10,931	3,416	..	71	2	1,966
	2011	16,189	10,782	3,507	..	115	2	1,783
	2012	17,052	11,514	3,537	..	150	3	1,848
	2013	*17,052	*11,514	*3,537	..	*150	*3	*1,848
Qatar	2010	7,830	7,830	..	..	..	..	..
	2011	7,830	7,830	..	..	..	..	..
	2012	7,830	7,830	..	..	..	..	..
	2013	8,791	8,791	..	..	..	..	..
Saudi Arabia	2010	46,374	46,374	..	..	..	0	..
	2011	51,149	51,149	..	..	..	0	..
	2012	62,133	62,132	..	..	..	*1	..
	2013	*58,472	*58,471	..	..	..	*1	..

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
*1	..	*1	..	3,859	795	3,064	..	..
*1	..	*1	..	*3,859	*795	*3,064	..	..
*1	..	*1	..	*3,859	*795	*3,064	..	..
*1	..	*1	..	3,859	795	3,064	..	..
*176	..	..	*176	2,570	*50	2,520	..	..
*176	..	..	*176	2,620	*50	2,570	..	..
*176	..	..	*176	3,023	*50	2,973	..	..
*176	..	..	*176	3,030	*50	2,980	..	..
*900	*900	..	..	2,312	2,038	*274	..	..
*950	*950	..	..	2,259	2,038	221	..	..
*950	*950	..	..	2,259	2,038	221	..	..
950	950	..	..	2,259	2,038	221	..	..
1,405	1,405	..	..	*23,994	*21,873	*2,120	..	*1
2,998	2,998	..	..	25,752	22,736	3,015	..	*1
3,174	3,174	..	..	26,024	22,652	3,317	..	*55
3,037	3,037	..	..	28,780	24,688	3,931	..	*161
..	..	..	..	77	77	..	..	..
..	..	..	..	78	78	..	..	..
..	..	..	..	81	81	..	..	..
..	..	..	..	81	81	..	..	..
*60	*60	..	..	*772	*772	..	..	..
*60	*60	..	..	*850	*850	..	..	..
*60	*60	..	..	*850	*850	..	..	..
*70	*70	..	..	*880	*880	..	..	..
..	..	..	..	3,413	891	2,522	..	..
..	..	..	..	3,588	895	2,693	..	..
120	..	120	..	3,606	913	2,693	..	..
393	221	172	..	3,753	920	2,833	..	..
*155	..	*155	..	*475	*57	*418	..	..
*155	..	*155	..	*607	53	*554	..	..
*155	..	*155	..	*607	53	*554	..	..
*155	..	*155	..	*617	53	*563	..	..
..	..	..	..	4,265	4,265	..	..	..
..	..	..	..	4,861	4,861	..	..	..
..	..	..	..	5,808	5,808	..	..	..
..	..	..	..	6,598	6,598	..	..	..
7,204	7,204	..	..	41,681	31,459	4,579	5,144	498
7,204	7,204	..	..	41,591	31,164	4,643	5,144	641
7,233	7,233	..	..	41,191	30,570	4,683	5,144	794
7,443	7,443	..	..	41,417	30,583	4,683	5,144	1,006
8,363	8,363	..	..	14,114	6,846	6,481	787	..
8,353	8,353	..	..	14,444	7,101	6,556	787	..
*9,361	*9,361	..	..	*14,553	*7,127	*6,541	*885	..
*9,361	*9,361	..	..	*14,553	*7,127	*6,541	*885	..
*26	*10	*16	..	16,360	10,921	3,400	..	2,039
*26	*10	*16	..	16,163	10,772	3,491	..	1,900
*26	*10	*16	..	17,026	11,504	3,521	..	2,001
*26	*10	*16	..	*17,026	*11,504	*3,521	..	*2,001
5,432	5,432	..	..	2,398	2,398	..	..	..
5,432	5,432	..	..	2,398	2,398	..	..	..
5,432	5,432	..	..	2,398	2,398	..	..	..
6,100	6,100	..	..	2,691	2,691	..	..	..
*10,351	*10,351	..	..	36,023	36,023	..	..	0
*12,230	*12,230	..	..	38,919	38,919	..	..	0
*14,857	*14,857	..	..	47,276	47,275	..	..	*1
*14,040	*14,040	..	..	*44,432	*44,431	..	..	*1

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
Singapore	2010	10,225	10,225	..	..	..	..	..
	2011	10,131	10,131	..	..	..	..	..
	2012	10,296	10,296	..	..	..	..	..
	2013	11,405	11,405	..	..	..	..	..
Sri Lanka	2010	2,828	1,412	1,383	..	33	0	..
	2011	3,150	1,712	1,401	..	36	1	..
	2012	3,378	1,716	1,585	..	76	1	..
	2013	3,301	1,601	1,617	..	81	1	..
State of Palestine	2010	140	140	..	..	..	..	..
	2011	140	140	..	..	..	..	..
	2012	140	140	..	..	..	..	..
	2013	140	140	..	..	..	..	..
Syrian Arab Republic	2010	8,206	7,356	850	..	..	..	..
	2011	8,206	7,356	850	..	..	..	..
	2012	*8,206	*7,356	*850	..	..	..	..
	2013	8,206	7,356	850	..	..	..	..
Tajikistan	2010	5,105	318	4,787	..	..	..	..
	2011	5,079	324	4,755	..	..	..	..
	2012	6,168	314	5,854	..	..	..	..
	2013	*6,172	318	*5,854	..	..	..	..
Thailand	2010	47,456	43,939	3,488	..	3	26	0
	2011	*47,456	*43,939	*3,488	..	*3	*26	0
	2012	*47,456	*43,939	*3,488	..	*3	*26	0
	2013	*47,686	*43,942	3,418	..	*300	26	0
Timor-Leste	2010	50	50	..	..	..	..	..
	2011	*50	*50	..	..	..	..	..
	2012	51	51	..	..	..	..	..
	2013	138	138	..	..	..	..	..
Turkey	2010	49,524	32,279	15,831	..	1,320	..	94
	2011	52,911	33,931	17,137	..	1,729	..	114
	2012	57,059	35,027	19,609	..	2,261	..	162
	2013	64,007	38,612	22,289	..	2,759	..	347
Turkmenistan	2010	*3,001	*3,000	*1	..	..	..	..
	2011	*3,201	*3,200	*1	..	..	..	..
	2012	*3,201	*3,200	*1	..	..	..	..
	2013	*3,201	*3,200	*1	..	..	..	..
United Arab Emirates	2010	23,199	23,199	..	..	..	0	..
	2011	26,086	26,076	..	..	..	10	..
	2012	27,180	27,170	..	..	..	10	..
	2013	27,374	27,314	..	..	..	60	..
Uzbekistan	2010	*11,580	*9,870	*1,710	..	..	..	..
	2011	*12,400	*10,569	*1,831	..	..	..	..
	2012	*12,722	*10,867	*1,855	..	..	..	..
	2013	*12,722	*10,867	*1,855	..	..	..	..
Viet Nam	2010	*22,881	*16,950	5,900	..	31	..	..
	2011	*25,731	*17,700	*8,000	..	*31	..	..
	2012	*28,240	*17,700	*10,503	..	*37	..	..
	2013	*28,240	*17,700	*10,503	..	*37	..	..
Yemen	2010	1,334	1,334	..	..	..	..	..
	2011	1,535	1,535	..	..	..	..	..
	2012	1,535	1,535	..	..	..	..	..
	2013	1,535	1,535	..	..	..	..	..
Europe	2010	1,247,670	700,907	255,232	173,119	85,435	30,274	2,704
	2011	1,286,422	703,857	256,986	173,500	95,188	52,851	4,038
	2012	1,323,377	714,695	259,974	165,600	107,616	71,566	3,926
	2013	1,343,049	709,279	262,179	165,388	119,145	83,053	4,004

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
*308	*308	..	..	9,917	9,917	..	..	..
*306	*306	..	..	9,825	9,825	..	..	..
*314	*314	..	..	9,982	9,982	..	..	..
*502	*502	..	..	10,903	10,903	..	..	..
*10	*10	..	..	2,818	1,402	1,383	..	33
*10	*10	..	..	3,140	1,702	1,401	..	37
*10	*10	..	..	3,368	1,706	1,585	..	77
*10	*10	..	..	3,291	1,591	1,617	..	83
..	..	..	..	140	140	..	..	..
..	..	..	..	140	140	..	..	..
..	..	..	..	140	140	..	..	..
..	..	..	..	140	140	..	..	..
996	996	..	..	7,210	6,360	850	..	..
996	996	..	..	7,210	6,360	850	..	..
*996	*996	..	..	*7,210	*6,360	*850	..	..
996	996	..	..	7,210	6,360	850	..	..
..	..	..	..	5,105	318	4,787	..	..
..	..	..	..	5,079	324	4,755	..	..
..	..	..	..	6,168	314	5,854	..	..
..	..	..	..	*6,172	318	*5,854	..	..
*15,971	*15,971	..	..	31,485	27,968	3,488	..	29
*15,971	*15,971	..	..	*31,485	*27,968	*3,488	..	*29
*15,971	*15,971	..	..	*31,485	*27,968	*3,488	..	*29
*15,974	*15,974	..	..	*31,712	*27,968	3,418	..	*326
..	..	..	..	50	50	..	..	..
..	..	..	..	*50	*50	..	..	..
..	..	..	..	51	51	..	..	..
..	..	..	..	138	138	..	..	..
3,143	2,598	544	1	46,381	29,681	15,287	..	1,413
3,018	2,473	544	1	49,893	31,458	16,593	..	1,842
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
..	..	..	..	*3,001	*3,000	*1	..	..
..	..	..	..	*3,201	*3,200	*1	..	..
..	..	..	..	*3,201	*3,200	*1	..	..
..	..	..	..	*3,201	*3,200	*1	..	..
..	..	..	..	23,199	23,199	..	..	0
..	..	..	..	26,086	26,076	..	..	10
..	..	..	..	27,180	27,170	..	..	10
..	..	..	..	27,374	27,314	..	..	60
*155	*155	..	..	*11,425	*9,715	*1,710	..	..
*155	*155	..	..	*12,245	*10,414	*1,831	..	..
*157	*157	..	..	*12,565	*10,710	*1,855	..	..
*157	*157	..	..	*12,565	*10,710	*1,855	..	..
1,950	1,950	0	0	*20,931	*15,000	5,900	..	31
2,700	2,700	0	0	*23,031	*15,000	*8,000	..	*31
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
*118	*118	..	..	1,216	1,216	..	..	..
*118	*118	..	..	1,417	1,417	..	..	..
*118	*118	..	..	1,417	1,417	..	..	..
*118	*118	..	..	1,417	1,417	..	..	..
85,425	76,516	4,212	4,697	1,162,245	624,391	251,020	173,119	113,716
89,064	74,702	4,312	10,050	1,197,358	629,155	252,675	173,500	142,028
90,482	72,503	4,183	13,797	1,232,895	642,192	255,792	165,600	169,311
98,583	76,513	4,399	17,671	1,244,466	632,766	257,780	165,388	188,532

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
Albania	2010	1,613	123	1,476	..	..	14	..
	2011	1,613	123	1,476	..	..	14	..
	2012	1,767	123	1,629	..	..	15	..
	2013	1,918	123	1,781	..	..	14	..
Andorra	2010	*32	*5	*27	..	..	..	..
	2011	*32	*5	*27	..	..	..	..
	2012	*32	*5	*27	..	..	..	..
	2013	*32	*5	*27	..	..	..	..
Austria	2010	21,187	7,345	12,706	..	981	154	1
	2011	22,556	8,178	12,980	..	1,080	317	1
	2012	22,917	8,161	13,076	..	1,316	363	1
	2013	23,592	8,171	13,149	..	1,645	626	1
Belarus	2010	8,275	8,259	15	..	2	..	..
	2011	8,375	8,356	15	..	3	..	..
	2012	8,975	8,939	33	..	3	..	..
	2013	9,181	9,144	33	..	*3	..	..
Belgium	2010	18,690	9,522	1,425	5,927	912	904	0
	2011	20,098	10,285	1,426	5,927	1,069	1,391	0
	2012	20,773	9,468	1,427	5,927	1,370	2,581	0
	2013	20,840	8,910	1,429	5,927	1,658	2,912	4
Bosnia and Herzegovina	2010	*4,304	*2,187	*2,117	..	..	..	..
	2011	*4,304	*2,187	*2,117	..	..	..	..
	2012	*4,304	*2,187	*2,117	..	..	..	..
	2013	*4,304	*2,187	*2,117	..	..	..	..
Bulgaria	2010	10,027	4,574	3,048	1,892	488	25	..
	2011	10,236	4,541	3,108	1,892	541	154	..
	2012	11,637	4,912	3,129	1,906	677	1,013	..
	2013	11,604	4,701	3,202	1,982	683	1,036	..
Croatia	2010	4,010	1,781	2,113	..	79	..	37
	2011	4,015	1,787	2,110	..	118	0	..
	2012	4,222	1,897	2,141	..	180	4	..
	2013	4,312	1,849	2,190	..	254	19	..
Czech Republic	2010	19,829	11,793	2,196	3,900	213	1,727	..
	2011	20,181	11,888	2,197	3,970	213	1,913	..
	2012	20,447	11,915	2,212	4,040	258	2,022	..
	2013	21,079	12,211	2,252	4,290	262	2,064	..
Denmark	2010	13,438	9,620	9	..	3,802	7	..
	2011	13,587	9,609	9	..	3,952	17	..
	2012	14,075	9,501	9	..	4,163	402	..
	2013	13,547	8,157	9	..	4,810	571	..
Estonia	2010	2,751	2,637	6	..	108	..	..
	2011	2,825	2,640	5	..	180	..	..
	2012	2,923	2,649	8	..	266	..	..
	2013	2,910	2,654	8	..	248	..	..
Faeroe Islands	2010	100	65	32	..	*3	..	..
	2011	100	65	32	..	*3	..	..
	2012	100	65	32	..	*3	..	..
	2013	*100	*65	*32	..	*3	..	..
Finland	2010	15,537	9,461	3,155	2,716	197	8	..
	2011	15,678	9,559	3,196	2,716	199	8	..
	2012	15,758	9,562	3,198	2,732	257	9	..
	2013	16,704	10,219	3,276	2,752	447	10	..
France	2010	124,531	28,824	25,332	63,130	5,975	1,030	240
	2011	127,394	27,792	25,347	63,130	6,810	2,803	1,512
	2012	129,347	27,764	25,366	63,130	7,622	3,953	1,512
	2013	130,112	27,200	25,443	63,130	8,202	4,625	1,512

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
25	25	..	..	1,588	98	1,476	..	14
25	25	..	..	1,588	98	1,476	..	14
25	25	..	..	1,742	98	1,629	..	15
25	25	..	..	1,893	98	1,781	..	14
..	..	..	..	*32	*5	*27	..	..
..	..	..	..	*32	*5	*27	..	..
..	..	..	..	*32	*5	*27	..	..
..	..	..	..	*32	*5	*27	..	..
2,311	1,763	548	..	18,876	5,582	12,158	..	1,136
2,374	1,839	535	..	20,182	6,339	12,445	..	1,398
2,349	1,814	535	..	20,568	6,347	12,541	..	1,680
2,379	1,844	535	..	21,213	6,327	12,614	..	2,272
454	447	5	2	7,822	7,812	9	..	..
470	462	6	2	7,906	7,895	9	..	2
583	574	7	2	8,393	8,365	26	..	2
708	699	*7	*2	8,473	8,445	26	..	2
2,026	1,125	..	901	16,664	8,397	1,425	5,927	915
2,545	1,157	..	1,388	17,553	9,128	1,426	5,927	1,072
3,869	1,286	..	2,583	16,904	8,182	1,427	5,927	1,368
4,266	1,351	..	2,915	16,574	7,559	1,429	5,927	1,659
*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	..	..
52	52	..	..	9,975	4,522	3,048	1,892	513
46	46	..	..	10,190	4,495	3,108	1,892	695
63	63	..	..	11,574	4,849	3,129	1,906	1,690
65	65	..	..	11,539	4,636	3,202	1,982	1,719
214	210	*4	..	3,796	1,571	2,109	..	116
*214	*210	*4	..	3,801	1,577	2,106	..	118
201	199	2	..	4,021	1,698	2,139	..	184
157	155	2	..	4,155	1,694	2,188	..	273
1,861	1,688	173	..	17,968	10,105	2,023	3,900	1,940
1,887	1,713	174	..	18,294	10,175	2,023	3,970	2,126
1,893	1,710	183	..	18,554	10,205	2,029	4,040	2,280
1,901	1,713	188	..	19,178	10,498	2,064	4,290	2,326
643	636	..	7	12,795	8,984	9	..	3,802
649	632	..	17	12,938	8,977	9	..	3,952
1,032	630	..	402	13,043	8,871	9	..	4,163
1,147	576	..	571	12,400	7,581	9	..	4,810
22	21	0	1	2,729	2,616	6	..	107
19	19	0	0	2,806	2,621	5	..	180
19	19	0	0	2,904	2,630	8	..	266
18	17	..	1	2,892	2,637	8	..	247
..	..	..	..	100	65	32	..	*3
..	..	..	..	100	65	32	..	*3
..	..	..	..	100	65	32	..	*3
..	..	..	..	*100	*65	*32	..	*3
2,062	1,867	195	..	13,475	7,594	2,960	2,716	205
2,031	1,836	195	..	13,647	7,723	3,001	2,716	207
2,026	1,831	195	..	13,732	7,731	3,003	2,732	266
2,041	1,846	195	..	14,663	8,373	3,081	2,752	457
7,101	5,645	255	1,201	117,430	23,179	25,077	63,130	6,044
8,564	4,138	347	4,079	118,830	23,654	25,000	63,130	7,046
9,220	4,273	366	4,581	120,127	23,491	25,000	63,130	8,506
9,538	4,200	443	4,895	120,574	23,000	25,000	63,130	9,444

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
Germany	2010	162,698	85,823	11,218	20,467	27,180	17,554	456
	2011	175,896	89,421	11,436	20,467	29,060	25,039	473
	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
Gibraltar	2010	43	43	..	..	..	..	..
	2011	43	43	..	..	..	..	..
	2012	43	43	..	..	..	..	..
	2013	43	43	..	..	..	..	..
Greece	2010	15,312	10,597	3,215	..	1,298	202	..
	2011	16,524	11,048	3,224	..	1,640	612	..
	2012	17,751	11,226	3,236	..	1,753	1,536	..
	2013	18,855	11,229	3,238	..	1,809	2,579	..
Guernsey	2010	115	115	..	..	..	..	..
	2011	115	115	..	..	..	..	..
	2012	*115	*115	..	..	..	..	..
	2013	*115	*115	..	..	..	..	..
Hungary	2010	8,993	6,645	53	2,000	293	2	..
	2011	9,654	7,264	55	2,000	331	4	..
	2012	9,400	7,007	56	2,000	325	12	..
	2013	8,418	5,987	57	2,000	329	35	10
Iceland	2010	2,579	121	1,883	..	0	..	575
	2011	2,669	120	1,884	..	0	..	665
	2012	2,656	114	1,877	..	0	..	665
	2013	2,765	114	1,984	..	2	..	665
Ireland	2010	8,310	6,407	529	..	1,374	..	..
	2011	8,587	6,427	529	..	1,631	..	..
	2012	8,588	6,295	529	..	1,764	..	..
	2013	8,796	6,326	529	..	1,941	..	..
Isle of Man	2010	180	179	1	..	..	..	..
	2011	180	179	1	..	..	..	..
	2012	180	179	1	..	..	..	..
	2013	186	185	1	..	..	..	..
Italy	2010	106,488	74,658	21,520	..	5,794	3,470	1,046
	2011	118,443	75,977	21,737	..	6,918	12,773	1,038
	2012	124,234	76,793	21,880	..	8,102	16,420	1,039
	2013	124,750	74,733	22,009	..	8,542	18,420	1,046
Jersey	2010	*217	*217	..	..	..	..	..
	2011	*219	*219	..	..	..	..	..
	2012	*219	*219	..	..	..	..	..
	2013	*219	*219	..	..	..	..	..
Latvia	2010	2,557	951	1,576	..	30	..	0
	2011	2,577	965	1,576	..	36	..	0
	2012	2,660	1,023	1,576	..	59	..	2
	2013	2,911	1,255	1,589	..	67	..	0
Liechtenstein	2010	*12	*1	*10	..	..	*1	..
	2011	*12	*1	*10	..	..	*1	..
	2012	*12	*1	*10	..	..	*1	..
	2013	*12	*1	*10	..	..	*1	..
Lithuania	2010	3,570	2,536	876	0	133	0	25
	2011	3,691	2,588	876	0	202	0	25
	2012	4,237	3,054	876	0	275	7	25
	2013	4,323	3,075	876	0	279	68	25
Luxembourg	2010	1,711	504	1,134	..	44	29	..
	2011	1,741	521	1,134	..	45	41	..
	2012	1,789	522	1,134	..	58	75	..
	2013	1,813	526	1,134	..	58	95	..

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
9,903	9,472	74	357	152,795	76,351	11,144	20,467	44,833
9,755	9,371	69	315	166,141	80,050	11,367	20,467	54,257
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
..	..	..	..	43	43	..	..	..
..	..	..	..	43	43	..	..	..
..	..	..	..	43	43	..	..	..
..	..	..	..	43	43	..	..	..
522	522	..	..	14,790	10,075	3,215	..	1,500
540	540	..	..	15,984	10,508	3,224	..	2,252
522	522	..	..	17,229	10,704	3,236	..	3,289
527	527	..	..	18,328	10,702	3,238	..	4,388
..	..	..	..	115	115	..	..	..
..	..	..	..	115	115	..	..	..
..	..	..	..	*115	*115	..	..	..
..	..	..	..	*115	*115	..	..	..
150	148	..	2	8,843	6,497	53	2,000	293
171	167	..	4	9,483	7,097	55	2,000	331
113	101	..	12	9,287	6,906	56	2,000	325
201	156	..	45	8,217	5,831	57	2,000	329
0	0	0	..	2,579	121	1,883	..	575
0	0	0	..	2,669	120	1,884	..	665
0	0	0	..	2,656	114	1,877	..	665
0	0	0	..	2,765	114	1,984	..	667
309	309	..	..	8,001	6,098	529	..	1,374
327	327	..	..	8,260	6,100	529	..	1,631
332	332	..	..	8,256	5,963	529	..	1,764
336	336	..	..	8,460	5,990	529	..	1,941
..	..	..	..	180	179	1	..	..
..	..	..	..	180	179	1	..	..
..	..	..	..	180	179	1	..	..
..	..	..	..	186	185	1	..	..
6,163	5,861	172	130	100,325	68,797	21,348	..	10,180
5,776	5,476	169	131	112,667	70,501	21,568	..	20,598
4,195	3,941	128	126	120,039	72,852	21,752	..	25,435
4,302	4,069	119	114	120,448	70,664	21,890	..	27,894
*5	*5	..	..	*212	*212	..	..	..
*7	*7	..	..	*212	*212	..	..	..
*7	*7	..	..	*212	*212	..	..	..
*7	*7	..	..	*212	*212	..	..	..
23	16	5	2	2,534	935	1,571	..	28
27	21	5	1	2,550	944	1,571	..	35
42	39	3	0	2,618	984	1,573	..	61
52	50	2	0	2,859	1,205	1,587	..	67
..	..	..	..	*12	*1	*10	..	*1
..	..	..	..	*12	*1	*10	..	*1
..	..	..	..	*12	*1	*10	..	*1
..	..	..	..	*12	*1	*10	..	*1
223	198	..	25	3,347	2,338	876	0	133
274	249	..	25	3,417	2,339	876	0	202
272	247	..	25	3,965	2,807	876	0	282
270	245	..	25	4,053	2,830	876	0	347
92	61	2	29	1,619	443	1,132	..	44
101	58	2	41	1,640	463	1,132	..	45
136	59	2	75	1,653	463	1,132	..	58
156	59	2	95	1,657	467	1,132	..	58

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
Malta	2010	574	573	..	..	..	1	..
	2011	575	573	..	..	..	2	..
	2012	590	574	..	..	..	16	..
	2013	626	574	..	..	..	52	..
Montenegro	2010	868	210	658	..	..	..	..
	2011	868	210	658	..	..	..	..
	2012	868	210	658	..	..	..	..
	2013	868	210	658	..	..	..	..
Netherlands	2010	26,686	23,743	37	510	2,237	88	71
	2011	28,049	24,970	37	510	2,316	145	71
	2012	29,920	26,518	37	510	2,433	365	57
	2013	30,532	26,520	37	485	2,713	739	38
Norway	2010	31,688	1,535	29,693	..	425	..	35
	2011	32,082	1,566	29,969	..	512	..	35
	2012	32,860	1,611	30,509	..	705	..	35
	2013	32,860	1,611	30,509	..	705	..	35
Poland	2010	33,360	29,908	2,342	..	1,108	..	2
	2011	34,554	30,405	2,346	..	1,800	1	2
	2012	35,283	30,365	2,351	..	2,564	1	2
	2013	35,815	30,027	2,355	..	3,429	2	2
Portugal	2010	18,932	9,871	5,106	..	3,796	134	25
	2011	19,924	9,936	5,535	..	4,256	172	25
	2012	19,752	9,360	5,717	..	4,412	238	25
	2013	18,905	8,308	5,666	..	4,610	296	25
Republic of Moldova	2010	502	486	16	..	0	..	..
	2011	503	487	16	..	0	..	..
	2012	487	471	16	..	0	..	..
	2013	488	471	16	..	*1	..	..
Romania	2010	19,911	11,638	6,474	1,411	388	0	..
	2011	20,499	11,616	6,483	1,411	988	1	..
	2012	21,774	11,945	6,548	1,411	1,822	48	..
	2013	23,033	11,393	6,610	1,411	2,773	846	..
Russian Federation	2010	222,935	151,114	47,430	24,300	10	..	81
	2011	222,984	151,114	47,479	24,300	10	..	81
	2012	232,685	157,845	49,445	25,304	10	..	81
	2013	239,423	163,926	50,104	25,304	10	..	79
Serbia	2010	*8,714	*5,559	*2,835	..	320	..	..
	2011	*8,714	*5,559	*2,835	..	320	..	..
	2012	*8,714	*5,559	*2,835	..	320	..	..
	2013	*8,714	*5,559	*2,835	..	*320	..	..
Slovakia	2010	7,873	3,496	2,516	1,820	3	19	19
	2011	8,363	3,382	2,523	1,940	3	496	19
	2012	8,412	3,416	2,522	1,939	3	513	19
	2013	8,513	3,432	2,523	1,940	5	588	25
Slovenia	2010	3,193	1,261	1,254	666	0	12	..
	2011	3,268	1,270	1,253	688	0	57	..
	2012	3,351	1,267	1,254	688	0	142	..
	2013	3,434	1,256	1,299	688	4	187	..
Spain	2010	109,092	57,457	18,735	7,450	20,697	4,663	*90
	2011	110,110	56,786	18,740	7,450	21,533	5,511	*90
	2012	112,475	56,736	18,750	7,450	22,793	6,656	*90
	2013	113,142	56,786	19,294	6,984	22,962	7,026	*90
Sweden	2010	36,454	8,715	16,732	8,977	2,019	11	..
	2011	35,227	6,546	16,577	9,323	2,769	12	..
	2012	37,843	8,362	16,414	9,436	3,607	24	..
	2013	37,915	7,776	16,494	9,408	4,194	43	..

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	*2	..	0	572	571	..	..	1
*2	*2	..	0	573	571	..	..	2
*3	*3	..	0	587	571	..	..	16
*23	*3	..	*20	603	571	..	..	32
..	..	..	..	868	210	658	..	..
..	..	..	..	868	210	658	..	..
..	..	..	..	868	210	658	..	..
..	..	..	..	868	210	658	..	..
5,331	4,750	..	581	21,355	18,993	37	510	1,815
6,258	5,361	..	897	21,791	19,609	37	510	1,635
6,407	5,315	..	1,092	23,513	21,203	37	510	1,763
6,585	5,130	..	1,455	23,947	21,390	37	485	2,035
2,074	993	1,059	22	29,614	542	28,634	..	438
2,074	993	1,059	22	30,008	573	28,910	..	525
2,074	993	1,059	22	30,786	618	29,450	..	718
2,074	993	1,059	22	30,786	618	29,450	..	718
1,796	1,793	1	2	31,564	28,115	2,341	..	1,108
1,731	1,727	1	3	32,823	28,678	2,345	..	1,800
1,769	1,765	1	3	33,514	28,600	2,350	..	2,564
1,806	1,801	1	4	34,009	28,226	2,354	..	3,429
1,826	1,820	6	..	17,106	8,051	5,100	..	3,955
1,955	1,885	6	64	17,969	8,051	5,529	..	4,389
2,112	2,003	6	103	17,640	7,357	5,711	..	4,572
2,059	1,899	6	154	16,846	6,409	5,660	..	4,777
156	156	..	..	346	330	16	..	0
157	157	..	..	346	330	16	..	0
141	141	..	..	346	330	16	..	0
141	141	..	..	347	330	16	..	*1
765	676	*83	6	19,146	10,962	6,391	1,411	382
765	668	72	25	19,734	10,948	6,411	1,411	964
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
17,530	16,971	559	..	205,405	134,143	46,871	24,300	91
17,530	16,971	559	..	205,454	134,143	46,920	24,300	91
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
*35	*35	..	..	*8,679	*5,524	*2,835	..	320
*35	*35	..	..	*8,679	*5,524	*2,835	..	320
*35	*35	..	..	*8,679	*5,524	*2,835	..	320
*35	*35	..	..	*8,679	*5,524	*2,835	..	*320
615	551	25	39	7,258	2,945	2,491	1,820	2
1,001	562	29	410	7,362	2,820	2,494	1,940	108
1,042	583	29	430	7,370	2,833	2,493	1,939	105
1,107	585	30	492	7,406	2,847	2,493	1,940	126
184	57	116	11	3,009	1,204	1,138	666	1
228	57	116	55	3,040	1,213	1,137	688	2
293	40	116	137	3,058	1,227	1,138	688	5
339	42	116	181	3,095	1,214	1,183	688	10
*7,304	*7,000	*200	*104	101,788	50,457	18,535	7,450	25,346
*7,304	*7,000	*200	*104	102,806	49,786	18,540	7,450	27,030
*7,304	*7,000	*200	*104	105,171	49,736	18,550	7,450	29,435
*7,304	*7,000	*200	*104	105,838	49,786	19,094	6,984	29,974
1,120	1,117	3	..	35,334	7,598	16,729	8,977	2,030
1,402	1,399	3	..	33,825	5,147	16,574	9,323	2,781
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

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
Switzerland	2010	19,703	944	15,339	3,253	42	125	..
	2011	20,052	918	15,587	3,278	46	223	..
	2012	20,369	1,018	15,587	3,278	49	437	..
	2013	20,756	1,021	15,641	3,278	60	756	..
T.F.Yug. Rep. Macedonia	2010	1,851	1,296	555	..	..	0	..
	2011	1,854	1,296	556	..	..	2	..
	2012	1,919	1,320	595	..	..	4	..
	2013	1,944	1,320	617	..	..	7	..
Ukraine	2010	54,567	35,186	5,458	13,835	88	..	..
	2011	54,624	35,026	5,469	13,835	146	148	..
	2012	55,001	35,129	5,470	13,835	248	319	..
	2013	*55,001	*35,129	*5,470	*13,835	*248	*319	..
United Kingdom	2010	93,658	72,921	4,381	10,865	5,396	94	1
	2011	92,826	70,293	4,417	10,663	6,458	994	1
	2012	94,622	69,600	4,431	9,946	8,895	1,747	3
	2013	91,522	63,187	4,437	9,906	11,209	2,780	3
Oceania	2010	72,113	53,973	14,541	..	2,438	410	751
	2011	74,287	54,774	14,556	..	2,800	1,406	751
	2012	76,489	55,462	14,598	..	3,235	2,445	751
	2013	76,399	54,385	13,854	..	3,895	3,267	999
American Samoa	2010	45	45	..	..	..	0	..
	2011	41	41	..	..	..	0	..
	2012	*42	*41	..	..	..	1	..
	2013	*42	*41	..	..	..	*1	..
Australia	2010	60,068	49,028	8,773	..	1,864	402	1
	2011	61,939	49,626	8,788	..	2,127	1,397	1
	2012	64,246	50,459	8,790	..	2,561	2,435	1
	2013	64,026	49,509	8,037	..	3,221	3,258	1
Cook Islands	2010	*8	*8	..	..	..	..	..
	2011	*8	*8	..	..	..	..	..
	2012	*8	*8	..	..	..	..	..
	2013	*8	*8	..	..	..	..	..
Fiji	2010	*215	*94	*111	..	*10	..	..
	2011	*215	*94	*111	..	*10	..	..
	2012	*255	*94	*151	..	*10	..	..
	2013	*255	*94	*151	..	*10	..	..
French Polynesia	2010	*227	*177	*47	..	..	*3	..
	2011	*227	*177	*47	..	..	*3	..
	2012	*227	*177	*47	..	..	*3	..
	2013	*227	*177	*48	..	..	*3	..
Guam	2010	552	552	..	..	..	..	..
	2011	552	552	..	..	..	..	..
	2012	552	552	..	..	..	..	..
	2013	552	552	..	..	..	..	..
Kiribati	2010	*6	*5	..	..	..	*1	..
	2011	*6	*5	..	..	..	*1	..
	2012	*6	*5	..	..	..	*1	..
	2013	*6	*5	..	..	..	*1	..
Marshall Islands	2010	*17	*17	..	..	..	0	..
	2011	*17	*17	..	..	..	0	..
	2012	*17	*17	..	..	..	0	..
	2013	*17	*17	..	..	..	0	..
Micronesia(Fed. States of)	2010	33	32	..	..	..	*2	..
	2011	33	32	..	..	..	*2	..
	2012	33	32	..	..	..	*2	..
	2013	33	32	..	..	..	1	..

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
1,342	679	538	125	18,361	265	14,801	3,253	42
1,454	678	553	223	18,598	240	15,034	3,278	46
1,822	727	658	437	18,547	291	14,929	3,278	49
2,149	730	663	756	18,607	291	14,978	3,278	60
3	3	..	..	1,848	1,293	555	..	0
3	3	..	..	1,851	1,293	556	..	2
3	3	..	..	1,916	1,317	595	..	4
3	3	..	..	1,941	1,317	617	..	7
3,261	3,256	5	..	51,306	31,930	5,453	13,835	88
3,138	3,132	6	..	51,486	31,894	5,463	13,835	294
3,356	3,351	5	..	51,645	31,778	5,465	13,835	567
*3,356	*3,351	*5	..	*51,645	*31,778	*5,465	*13,835	*567
7,690	6,356	184	1,150	85,968	66,565	4,197	10,865	4,341
7,995	5,549	202	2,244	84,831	64,744	4,215	10,663	5,209
8,327	5,085	216	3,026	86,295	64,515	4,215	9,946	7,619
9,761	4,629	222	4,910	81,761	58,558	4,215	9,906	9,082
5,102	4,574	102	427	67,011	49,400	14,439	..	3,172
6,216	4,693	102	1,422	68,071	50,082	14,454	..	3,535
7,451	4,890	102	2,460	69,038	50,572	14,496	..	3,971
8,397	5,013	102	3,283	68,002	49,372	13,752	..	4,878
..	..	..	..	45	45	..	..	0
..	..	..	..	41	41	..	..	0
..	..	..	..	*42	*41	..	..	1
..	..	..	..	*42	*41	..	..	*1
4,338	3,939	..	399	55,730	45,089	8,773	..	1,868
5,449	4,055	..	1,394	56,490	45,571	8,788	..	2,131
6,680	4,248	..	2,432	57,566	46,211	8,790	..	2,565
7,503	4,248	..	3,255	56,523	45,261	8,037	..	3,225
..	..	..	..	*8	*8	..	..	..
..	..	..	..	*8	*8	..	..	..
..	..	..	..	*8	*8	..	..	..
..	..	..	..	*8	*8	..	..	..
*44	*44	..	..	*171	*50	*111	..	*10
*44	*44	..	..	*171	*50	*111	..	*10
*44	*44	..	..	*211	*50	*151	..	*10
*44	*44	..	..	*211	*50	*151	..	*10
..	..	..	..	*227	*177	*47	..	*3
..	..	..	..	*227	*177	*47	..	*3
..	..	..	..	*227	*177	*47	..	*3
..	..	..	..	*227	*177	*48	..	*3
..	..	..	..	552	552	..	..	..
..	..	..	..	552	552	..	..	..
..	..	..	..	552	552	..	..	..
..	..	..	..	552	552	..	..	..
..	..	..	..	*6	*5	..	..	*1
..	..	..	..	*6	*5	..	..	*1
..	..	..	..	*6	*5	..	..	*1
..	..	..	..	*6	*5	..	..	*1
..	..	..	..	*17	*17	..	..	0
..	..	..	..	*17	*17	..	..	0
..	..	..	..	*17	*17	..	..	0
..	..	..	..	*17	*17	..	..	0
..	..	..	..	33	32	..	..	*2
..	..	..	..	33	32	..	..	*2
..	..	..	..	33	32	..	..	*2
..	..	..	..	33	32	..	..	1

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
Nauru	2010	*6	*6	..	..	..	..	..
	2011	5	5	..	..	..	..	..
	2012	5	5	..	..	..	..	..
	2013	*5	*5	..	..	..	..	..
New Caledonia	2010	500	383	78	..	37	3	..
	2011	498	380	78	..	37	4	..
	2012	503	384	78	..	38	4	..
	2013	556	437	78	..	38	4	..
New Zealand	2010	9,457	2,929	5,254	..	524	..	750
	2011	9,765	3,138	5,254	..	623	..	750
	2012	9,615	2,988	5,254	..	623	..	750
	2013	9,622	2,738	5,263	..	623	..	998
Niue	2010	*1	*1	..	..	..	..	..
	2011	*1	*1	..	..	..	..	..
	2012	*1	*1	..	..	..	..	..
	2013	*1	*1	..	..	..	..	..
Northern Mariana Islands	2010	*59	*59	..	..	..	..	..
	2011	*59	*59	..	..	..	..	..
	2012	*59	*59	..	..	..	..	..
	2013	*59	*59	..	..	..	..	..
Palau	2010	*52	*42	*10	..	..	..	..
	2011	*52	*42	*10	..	..	..	..
	2012	*52	*42	*10	..	..	..	..
	2013	*52	*42	*10	..	..	..	..
Papua New Guinea	2010	*732	*478	254	..	..	..	..
	2011	*732	*478	254	..	..	..	..
	2012	*732	*478	*254	..	..	..	..
	2013	*802	*548	*254	..	..	..	..
Samoa	2010	*42	*30	*12	..	..	..	..
	2011	*42	*30	*12	..	..	..	..
	2012	*42	*30	*12	..	..	..	..
	2013	*42	*30	*12	..	..	..	..
Solomon Islands	2010	*36	*36	0	..	..	..	..
	2011	*36	*36	0	..	..	..	..
	2012	*36	*36	0	..	..	..	..
	2013	*36	*36	0	..	..	..	..
Tonga	2010	14	14	..	..	..	..	..
	2011	*14	*14	..	..	..	..	..
	2012	*14	*14	..	..	..	..	..
	2013	*14	*14	..	..	..	..	..
Tuvalu	2010	*2	*2	..	..	..	..	..
	2011	*2	*2	..	..	..	..	..
	2012	*2	*2	..	..	..	..	..
	2013	*2	*2	..	..	..	..	..
Vanuatu	2010	29	25	1	..	3	..	..
	2011	31	27	1	..	3	0	..
	2012	31	27	1	..	3	0	..
	2013	31	27	1	..	3	0	..
Wallis and Futuna Is.	2010	11	11	0	..	..	0	..
	2011	11	11	0	..	..	0	..
	2012	11	11	0	..	..	0	..
	2013	*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
..	..	..	..	*6	*6	..	..	..
..	..	..	..	5	5	..	..	..
..	..	..	..	5	5	..	..	..
..	..	..	..	*5	*5	..	..	..
*1	..	..	*1	500	383	78	..	39
*4	*3	..	*1	494	377	78	..	40
*8	*7	..	*1	495	377	78	..	41
*61	*60	..	*1	495	377	78	..	41
251	221	3	27	9,206	2,708	5,251	..	1,247
251	221	3	27	9,514	2,917	5,251	..	1,346
251	221	3	27	9,364	2,767	5,251	..	1,346
251	221	3	27	9,371	2,517	5,260	..	1,594
..	..	..	..	*1	*1	..	..	..
..	..	..	..	*1	*1	..	..	..
..	..	..	..	*1	*1	..	..	..
..	..	..	..	*1	*1	..	..	..
..	..	..	..	*59	*59	..	..	..
..	..	..	..	*59	*59	..	..	..
..	..	..	..	*59	*59	..	..	..
..	..	..	..	*59	*59	..	..	..
*2	*2	..	..	*50	*40	*10	..	..
*2	*2	..	..	*50	*40	*10	..	..
*2	*2	..	..	*50	*40	*10	..	..
*2	*2	..	..	*50	*40	*10	..	..
*459	*360	99	..	273	118	155	..	..
*459	*360	99	..	273	118	155	..	..
*459	*360	*99	..	*273	*118	*155	..	..
*529	*430	*99	..	*273	*118	*155	..	..
*3	*3	..	..	*39	*27	*12	..	..
*3	*3	..	..	*39	*27	*12	..	..
*3	*3	..	..	*39	*27	*12	..	..
*3	*3	..	..	*39	*27	*12	..	..
*5	*5	..	..	*31	*31	0	..	..
*5	*5	..	..	*31	*31	0	..	..
*5	*5	..	..	*31	*31	0	..	..
*5	*5	..	..	*31	*31	0	..	..
..	..	..	..	14	14	..	..	..
..	..	..	..	*14	*14	..	..	..
..	..	..	..	*14	*14	..	..	..
..	..	..	..	*14	*14	..	..	..
..	..	..	..	*2	*2	..	..	..
..	..	..	..	*2	*2	..	..	..
..	..	..	..	*2	*2	..	..	..
..	..	..	..	*2	*2	..	..	..
..	..	..	..	29	25	1	..	3
..	..	..	..	31	27	1	..	3
..	..	..	..	31	27	1	..	3
..	..	..	..	31	27	1	..	3
..	..	..	..	11	11	0	..	0
..	..	..	..	11	11	0	..	0
..	..	..	..	11	11	0	..	0
..	..	..	..	*11	*11	0	..	0

Table 31**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.

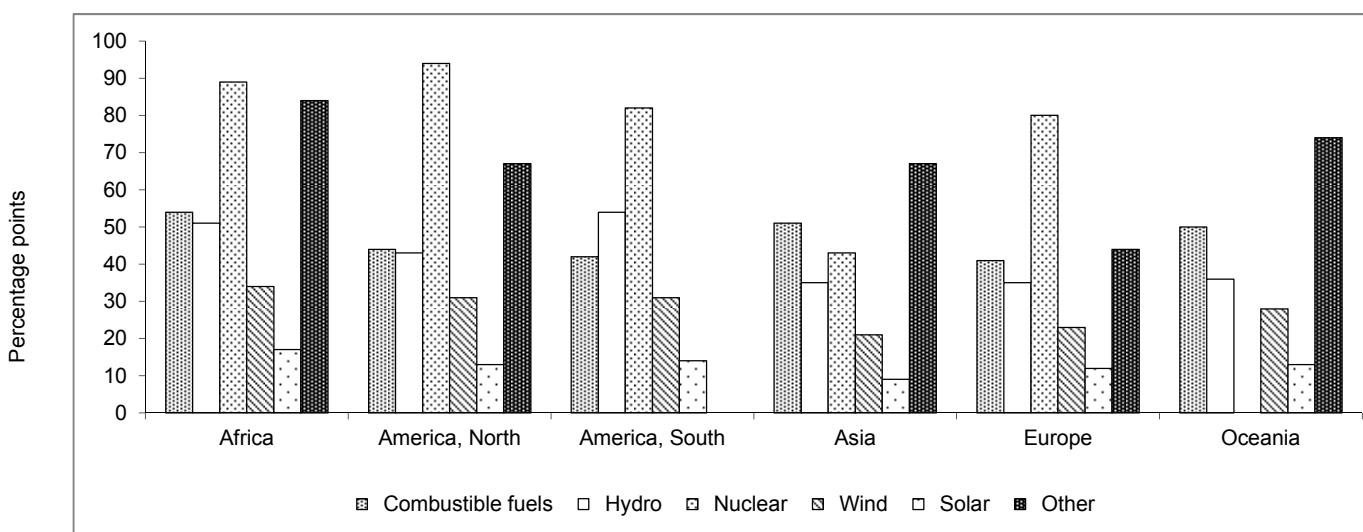
Figure 74: Utilization of installed electric generating capacity by region, 2013

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	2010	48	48	39	82	22	10	104
	2011	47	48	38	76	23	10	85
	2012	46	47	39	74	22	11	83
	2013	46	47	39	75	24	11	62
Africa	2010	55	56	51	73	31	14	85
	2011	54	55	50	82	26	25	84
	2012	54	55	50	72	24	17	85
	2013	53	54	51	89	34	17	84
Algeria	2010	46	47	7	..	..	..	..
	2011	51	51	21	..	..	..	..
	2012	50	51	24	..	..	..	..
	2013	45	46	13	..	..	..	..
Angola	2010	43	30	54	..	..	..	..
	2011	42	24	60	..	..	..	..
	2012	42	24	60	..	..	..	..
	2013	45	26	64	..	..	..	..
Benin	2010	10	10	..	..	..	..	..
	2011	10	10	..	..	..	..	..
	2012	11	11	..	..	..	..	..
	2013	11	11	..	..	..	..	..
Botswana	2010	40	40	..	..	..	..	..
	2011	33	33	..	..	..	..	..
	2012	19	19	..	..	..	11	..
	2013	57	57	..	..	..	11	..
Burkina Faso	2010	27	25	42	..	..	..	..
	2011	23	22	29	..	..	..	..
	2012	24	23	34	..	..	..	..
	2013	28	27	38	..	..	..	..
Burundi	2010	42	29	44	..	..	..	..
	2011	44	29	46	..	..	..	..
	2012	46	33	47	..	..	..	..
	2013	43	34	45	..	..	..	..
Cabo Verde	2010	39	42	..	..	11	4	..
	2011	38	39	..	..	85	16	..
	2012	27	28	..	..	27	13	..
	2013	32	32	..	..	34	13	..
Cameroon	2010	67	65	68	..	..	..	..
	2011	66	58	70	..	..	..	..
	2012	70	63	73	..	..	..	..
	2013	75	69	77	..	..	..	..
Central African Rep.	2010	42	15	62	..	..	..	..
	2011	45	16	67	..	..	..	..
	2012	46	16	68	..	..	..	..
	2013	47	16	71	..	..	..	..
Chad	2010	56	56	..	..	..	..	..
	2011	61	61	..	..	..	..	..
	2012	57	57	..	..	..	..	..
	2013	57	57	..	..	..	..	..
Comoros	2010	22	21	57	..	..	..	..
	2011	22	21	57	..	..	..	..
	2012	22	21	57	..	..	..	..
	2013	22	21	57	..	..	..	..
Congo	2010	33	27	41	..	..	..	..
	2011	37	32	41	..	..	..	..
	2012	49	46	51	..	..	..	..
	2013	50	47	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
43	44	37	16	48	48	39	82	25
43	45	38	14	47	48	38	76	24
42	45	37	14	46	48	39	74	23
43	47	37	15	46	47	39	75	22
38	40	18	16	56	57	52	73	36
39	41	18	17	55	56	51	82	33
38	39	17	17	56	57	51	72	30
36	37	17	21	55	55	52	89	37
21	21	..	..	47	48	7	..	..
23	23	..	..	54	55	21	..	..
14	14	..	..	59	60	24	..	..
14	14	..	..	53	54	13	..	..
30	30	..	..	45	30	54	..	..
29	29	..	..	43	24	60	..	..
28	28	..	..	43	23	60	..	..
30	30	..	..	46	25	64	..	..
39	39	..	..	8	9	..	..	..
40	40	..	..	9	9	..	..	..
41	41	..	..	9	9	..	..	..
44	44	..	..	10	10	..	..	..
..	..	..	..	46	46	..	..	..
..	..	..	..	38	38	..	..	..
..	..	..	..	21	22	..	..	11
..	..	..	..	65	66	..	..	11
..	..	..	..	27	25	42	..	..
16	16	..	..	25	24	29	..	..
28	28	..	..	23	21	34	..	..
37	37	..	..	26	24	38	..	..
..	..	..	..	42	29	44	..	..
..	..	..	..	44	29	46	..	..
..	..	..	..	46	33	47	..	..
..	..	..	..	43	34	45	..	..
11	11	..	..	39	42	..	..	5
..	..	..	..	38	39	..	..	33
..	..	..	..	27	28	..	..	24
..	..	..	..	32	32	..	..	29
66	66	..	..	67	60	68	..	..
58	58	..	..	69	57	70	..	..
63	63	..	..	72	60	73	..	..
71	71	..	..	76	63	77	..	..
..	..	..	..	42	15	62	..	..
..	..	..	..	45	16	67	..	..
..	..	..	..	46	16	68	..	..
..	..	..	..	47	16	71	..	..
..	..	..	..	56	56	..	..	..
..	..	..	..	61	61	..	..	..
..	..	..	..	57	57	..	..	..
..	..	..	..	57	57	..	..	..
..	..	..	..	22	21	57	..	..
..	..	..	..	22	21	57	..	..
..	..	..	..	22	21	57	..	..
..	..	..	..	22	21	57	..	..
44	44	..	..	28	2	41	..	..
63	63	..	..	29	1	41	..	..
90	90	..	..	37	1	51	..	..
94	94	..	..	38	1	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
Côte d'Ivoire	2010	43	74	21	..	..	..	..
	2011	43	68	23	..	..	..	..
	2012	47	73	23	..	..	..	..
	2013	47	71	22	..	..	..	..
Dem. Rep. of the Congo	2010	36	12	36	..	..	..	..
	2011	36	12	36	..	..	..	..
	2012	36	12	37	..	..	..	..
	2013	39	12	40	..	..	..	..
Djibouti	2010	33	33	..	..	..	..	..
	2011	34	34	..	..	..	..	..
	2012	35	35	..	..	..	..	..
	2013	35	35	..	..	..	..	..
Egypt	2010	62	64	53	..	31	17	..
	2011	61	64	49	..	32	39	..
	2012	60	61	53	..	26	19	..
	2013	59	60	54	..	28	9	..
Equatorial Guinea	2010	28	29	20	..	..	..	..
	2011	29	30	20	..	..	..	..
	2012	30	31	20	..	..	..	..
	2013	31	32	20	..	..	..	..
Eritrea	2010	25	25	..	..	..	23	..
	2011	27	28	..	..	..	23	..
	2012	29	29	..	..	..	23	..
	2013	30	30	..	..	..	23	..
Ethiopia	2010	29	3	30	..	..	..	29
	2011	31	2	37	..	2	..	13
	2012	38	1	43	..	13	..	26
	2013	43	0	49	..	24	..	28
Gabon	2010	51	44	61	..	..	..	..
	2011	53	51	56	..	..	..	..
	2012	54	50	61	..	..	..	..
	2013	44	58	31	..	..	..	..
Gambia	2010	38	38	..	..	..	..	..
	2011	39	39	..	..	..	..	..
	2012	41	41	..	..	..	..	..
	2013	33	33	..	..	..	..	..
Ghana	2010	49	30	68	..	..	..	..
	2011	50	31	73	..	..	..	..
	2012	52	31	78	..	..	..	..
	2013	49	38	59	..	..	..	..
Guinea	2010	25	19	36	..	..	..	..
	2011	26	23	32	..	..	..	..
	2012	31	27	38	..	..	..	..
	2013	22	16	37	..	..	..	..
Guinea-Bissau	2010	13	13	..	..	..	..	..
	2011	14	14	..	..	..	..	..
	2012	14	14	..	..	..	..	..
	2013	15	15	..	..	..	..	..
Kenya	2010	56	53	51	..	34	..	87
	2011	56	54	50	..	33	..	86
	2012	56	41	60	..	35	..	87
	2013	56	35	66	..	34	..	86
Lesotho	2010	81	..	81	..	..	..	..
	2011	78	..	78	..	..	..	..
	2012	69	..	69	..	..	..	..
	2013	74	..	74	..	..	..	..

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
40	40	..	..	43	75	21	..	..
32	32	..	..	43	69	23	..	..
34	34	..	..	47	74	23	..	..
35	35	..	..	47	72	22	..	..
6	83	6	..	45	2	45	..	..
7	83	6	..	45	2	45	..	..
7	83	7	..	45	2	46	..	..
8	83	7	..	49	2	49	..	..
..	..	..	..	33	33	..	..	..
..	..	..	..	34	34	..	..	..
..	..	..	..	35	35	..	..	..
..	..	..	..	35	35	..	..	..
62	62	..	..	62	64	53	..	28
62	62	..	..	61	64	49	..	33
90	90	..	..	59	60	53	..	25
91	91	..	..	58	59	54	..	24
..	..	..	..	28	29	20	..	..
..	..	..	..	29	30	20	..	..
..	..	..	..	30	31	20	..	..
..	..	..	..	31	32	20	..	..
21	21	..	..	26	26	..	..	23
21	21	..	..	28	28	..	..	23
21	21	..	..	30	30	..	..	23
21	21	..	..	30	30	..	..	23
..	..	..	..	29	3	30	..	29
..	..	..	..	31	2	37	..	2
..	..	..	..	38	1	43	..	13
..	..	..	..	43	0	49	..	24
35	35	..	..	54	48	61	..	..
36	36	..	..	56	56	56	..	..
38	38	..	..	57	54	61	..	..
41	41	..	..	44	63	31	..	..
10	10	..	..	62	62	..	..	..
10	10	..	..	65	65	..	..	..
10	10	..	..	67	67	..	..	..
10	10	..	..	46	46	..	..	..
8	8	..	..	53	35	68	..	..
9	9	..	..	54	35	73	..	..
10	10	..	..	55	34	78	..	..
10	10	..	..	52	42	59	..	..
22	25	..	..	28	13	42	..	..
22	25	..	..	31	20	37	..	..
22	25	..	..	39	31	44	..	..
22	25	..	..	22	9	43	..	..
40	40	..	..	11	11	..	..	..
43	43	..	..	12	12	..	..	..
45	45	..	..	12	12	..	..	..
47	47	..	..	12	12	..	..	..
..	..	..	..	56	53	51	..	86
..	..	..	..	56	54	50	..	85
..	..	..	..	56	41	60	..	86
..	..	..	..	56	35	66	..	85
..	..	..	..	81	..	81	..	..
..	..	..	..	78	..	78	..	..
..	..	..	..	69	..	69	..	..
..	..	..	..	74	..	74	..	..

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	2010	37	37	..	..	..	..	..
	2011	38	38	..	..	..	..	..
	2012	38	38	..	..	..	..	..
	2013	38	38	..	..	..	..	..
Libya	2010	53	53	..	..	..	..	..
	2011	35	35	..	..	..	..	..
	2012	44	44	..	..	..	..	..
	2013	37	37	..	..	..	..	..
Madagascar	2010	31	20	63	..	..	10	..
	2011	32	22	62	..	..	10	..
	2012	34	23	67	..	..	10	..
	2013	36	24	72	..	..	11	..
Malawi	2010	46	10	72	..	..	..	..
	2011	45	10	71	..	..	..	..
	2012	38	10	58	..	..	..	..
	2013	38	10	58	..	..	..	..
Mali	2010	25	30	22	..	..	..	..
	2011	24	26	23	..	..	..	..
	2012	23	20	24	..	..	..	..
	2013	21	17	25	..	..	..	..
Mauritania	2010	42	42	..	..	..	..	..
	2011	43	43	..	..	..	..	..
	2012	48	48	..	..	..	..	..
	2013	34	34	..	..	..	..	..
Mauritius	2010	41	43	19	..	22	..	..
	2011	42	45	11	..	25	..	..
	2012	41	43	14	..	32	7	..
	2013	42	45	18	..	35	14	..
Morocco	2010	39	45	23	..	34	..	..
	2011	41	52	14	..	32	..	..
	2012	43	55	12	..	33	..	..
	2013	46	54	19	..	68	..	..
Mozambique	2010	77	1	85	..	..	..	..
	2011	78	1	86	..	..	..	..
	2012	70	1	77	..	..	..	..
	2013	67	27	74	..	..	..	..
Namibia	2010	36	28	38	..	..	..	..
	2011	47	1	73	..	..	..	..
	2012	35	5	49	..	..	..	..
	2013	40	5	56	..	..	..	..
Niger	2010	25	25	..	..	..	0	..
	2011	27	28	..	..	..	0	..
	2012	33	33	..	..	..	0	..
	2013	37	37	..	..	..	0	..
Nigeria	2010	35	35	38	..	..	..	..
	2011	35	35	35	..	..	..	..
	2012	37	38	33	..	..	..	..
	2013	34	34	32	..	..	..	..
Réunion	2010	43	50	46	..	13	10	..
	2011	41	53	31	..	9	13	..
	2012	37	43	42	..	14	14	..
	2013	36	39	46	..	11	16	..
Rwanda	2010	38	59	25	..	..	14	..
	2011	44	69	30	..	..	14	..
	2012	45	67	33	..	..	11	..
	2013	43	76	25	..	..	4	..

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
33	33	..	..	71	71	..	..	..
33	33	..	..	54	54	..	..	..
33	33	..	..	54	54	..	..	..
33	33	..	..	54	54	..	..	..
..	..	..	..	53	53	..	..	..
..	..	..	..	35	35	..	..	..
..	..	..	..	44	44	..	..	..
..	..	..	..	37	37	..	..	..
61	61	..	..	29	16	63	..	10
61	61	..	..	30	19	62	..	10
61	61	..	..	32	20	67	..	10
61	61	..	..	34	20	72	..	11
10	10	9	..	73	52	73	..	..
10	10	11	..	72	52	72	..	..
10	10	11	..	59	52	59	..	..
10	10	11	..	59	52	59	..	..
6	6	..	..	29	49	22	..	..
6	6	..	..	27	36	23	..	..
6	6	..	..	25	27	24	..	..
6	6	..	..	23	21	25	..	..
49	49	..	..	39	39	..	..	..
50	50	..	..	39	39	..	..	..
53	53	..	..	45	45	..	..	..
52	52	..	..	28	28	..	..	..
61	61	..	..	28	30	19	..	22
63	63	..	..	29	31	11	..	25
69	69	..	7	26	27	14	..	32
70	71	..	14	27	28	18	..	36
5	5	..	..	41	48	23	..	34
7	7	..	..	43	56	14	..	32
5	5	..	..	45	58	12	..	33
40	40	..	..	46	55	19	..	68
82	..	82	..	77	1	85	..	..
79	..	79	..	77	1	86	..	..
60	..	60	..	70	1	78	..	..
60	..	60	..	68	27	74	..	..
..	..	..	..	36	28	38	..	..
..	..	..	..	47	1	73	..	..
..	..	..	..	35	5	49	..	..
..	..	..	..	40	5	56	..	..
9	9	..	0	29	29	..	..	..
20	21	..	0	29	29	..	..	..
20	21	..	0	37	37	..	..	..
15	15	..	0	43	43	..	..	..
39	39	37	..	34	33	38	..	..
37	38	34	..	34	33	35	..	..
40	40	33	..	36	37	33	..	..
28	28	31	..	35	36	32	..	..
..	..	..	..	43	50	46	..	10
..	..	..	..	41	53	31	..	12
..	..	..	..	37	43	42	..	14
..	..	..	..	36	39	46	..	16
..	..	..	..	38	59	25	..	14
..	..	..	..	44	69	30	..	14
..	..	..	..	45	67	33	..	11
..	..	..	..	43	76	25	..	4

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
Sao Tome and Principe	2010	46	50	24	..	..	..
	2011	37	39	30	..	..	..
	2012	42	43	35	..	..	..
	2013	41	43	32	..	..	..
Senegal	2010	44	44	..	..	..	..
	2011	35	35	..	..	..	..
	2012	39	39	..	..	..	..
	2013	45	45	..	..	..	..
Seychelles	2010	38	38	..	..	..	..
	2011	41	41	..	..	..	..
	2012	43	43	..	..	..	..
	2013	38	40	..	..	13	..
Sierra Leone	2010	25	9	34	..	..	..
	2011	26	10	35	..	..	..
	2012	27	26	27	..	..	..
	2013	25	25	24	..	..	..
Somalia	2010	47	47	..	..	..	..
	2011	48	48	..	..	..	..
	2012	49	49	..	..	..	..
	2013	50	50	..	..	..	..
South Africa	2010	66	66	81	73	23	13
	2011	67	66	80	82	25	2
	2012	66	65	67	72	25	34
	2013	66	65	65	89	25	35
South Sudan	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	62	63	..	..	..	11
	2013	66	67	..	..	..	11
St. Helena and Depend.	2010	20	19	..	..	26	..
	2011	20	19	..	..	27	..
	2012	14	13	..	..	21	5
	2013	15	14	..	..	24	12
Sudan	2010	..	..	..	..	..	..
	2011	..	..	..	..	..	..
	2012	38	26	48	..	..	..
	2013	39	20	52	..	..	..
Sudan (former)	2010	37	19	46	..	..	..
	2011	35	20	46	..	..	..
	2012	..	..	..	..	..	..
	2013	..	..	..	..	..	..
Swaziland	2010	42	35	51	..	..	..
	2011	47	39	59	..	..	..
	2012	43	40	48	..	..	..
	2013	41	40	43	..	..	..
Togo	2010	24	55	16	..	..	..
	2011	17	14	18	..	..	..
	2012	15	14	15	..	..	..
	2013	15	14	15	..	..	..
Tunisia	2010	49	49	9	..	30	23
	2011	45	45	10	..	23	16
	2012	48	50	20	..	13	12
	2013	46	47	11	..	20	18
Uganda	2010	51	52	51	..	..	..
	2011	47	55	44	..	..	..
	2012	41	77	33	..	..	..
	2013	39	77	32	..	..	..

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	50	24	..	..
..	..	..	..	37	39	30	..	..
..	..	..	..	42	43	35	..	..
..	..	..	..	41	43	32	..	..
48	48	..	..	42	42	..	..	..
40	40	..	..	32	32	..	..	..
47	47	..	..	33	33	..	..	..
21	19	..	..	64	64	..	..	..
..	..	..	..	38	38	..	..	..
..	..	..	..	41	41	..	..	..
..	..	..	..	43	43	..	..	..
..	..	..	..	38	40	..	..	13
..	..	..	..	25	9	34	..	..
..	..	..	..	26	10	35	..	..
..	..	..	..	27	26	27	..	..
..	..	..	..	25	25	24	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	48	48	..	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	50	50	..	..	..
47	47	49	..	67	67	83	73	20
61	61	49	..	67	66	82	82	19
58	59	41	..	66	66	69	72	29
63	63	39	..	66	65	66	89	33
..
..
65	66	..	11	59	60	..	..	11
68	70	..	11	63	64	..	..	11
..	..	..	..	20	19	..	..	26
..	..	..	..	20	19	..	..	27
..	..	..	..	14	13	..	..	20
..	..	..	..	15	14	..	..	23
..
..
..	..	..	..	37	25	48	..	..
..	..	..	..	38	17	52	..	..
..	..	..	..	37	19	46	..	..
..	..	..	..	35	20	46	..	..
..
..
37	39	..	..	47	0	55	..	..
41	43	..	..	55	0	63	..	..
42	43	..	..	46	9	52	..	..
42	43	..	..	41	10	46	..	..
38	38	..	..	24	58	16	..	..
42	42	..	..	16	8	18	..	..
42	42	..	..	14	8	15	..	..
42	42	..	..	14	8	15	..	..
56	30	..	23	49	50	9	..	30
41	30	..	16	45	46	10	..	23
45	30	..	12	48	50	20	..	13
41	30	..	18	46	48	11	..	20
36	21	59	..	52	55	50	..	..
37	22	63	..	47	58	43	..	..
38	22	64	..	41	84	33	..	..
22	10	64	..	40	101	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 Rep. of Tanzania	2010	54	54	55	..	..	20	..
	2011	52	65	40	..	..	21	..
	2012	57	80	36	..	..	25	..
	2013	57	80	35	..	..	24	..
Zambia	2010	66	4	69	..	..	..	..
	2011	65	6	68	..	..	..	..
	2012	67	5	70	..	..	..	..
	2013	75	5	78	..	..	..	..
Zimbabwe	2010	47	24	87	..	..	..	..
	2011	50	33	78	..	..	..	..
	2012	49	31	81	..	..	..	..
	2013	52	38	76	..	..	..	..
America, North	2010	48	45	41	93	28	13	76
	2011	48	44	46	91	29	12	77
	2012	47	44	43	88	26	12	62
	2013	47	44	43	94	31	13	67
Anguilla	2010	40	40	..	..	..	..	..
	2011	39	39	..	..	..	..	..
	2012	36	36	..	..	..	..	..
	2013	36	36	..	..	..	..	..
Antigua and Barbuda	2010	68	68	..	..	..	..	..
	2011	44	44	..	..	..	..	..
	2012	44	44	..	..	..	..	..
	2013	45	45	..	..	..	..	..
Aruba	2010	33	33	..	..	41	..	..
	2011	33	32	..	..	43	..	..
	2012	33	31	..	..	52	..	..
	2013	37	35	..	..	53	..	..
Bahamas	2010	39	39	..	..	..	..	..
	2011	40	40	..	..	..	..	..
	2012	37	37	..	..	..	..	..
	2013	36	36	..	..	..	..	..
Barbados	2010	46	46	..	..	..	..	..
	2011	49	49	..	..	..	..	..
	2012	53	53	..	..	..	..	..
	2013	48	48	..	..	..	..	..
Belize	2010	33	19	57	..	..	..	..
	2011	30	18	53	..	..	..	..
	2012	34	19	59	..	..	..	..
	2013	30	17	50	..	..	..	..
Bermuda	2010	50	50	..	..	..	..	..
	2011	49	49	..	..	..	..	..
	2012	46	46	..	..	..	..	..
	2013	45	45	..	..	..	..	..
Bonaire, St Eustatius, Saba	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	48	48	..	..	..	..	..
	2013	48	48	..	..	..	..	..
British Virgin Islands	2010	33	33	..	..	..	..	..
	2011	34	34	..	..	..	..	..
	2012	33	34	..	..	..	..	..
	2013	33	34	..	..	..	..	..
Canada	2010	52	42	53	82	25	6	16
	2011	54	45	57	84	22	6	15
	2012	55	48	57	81	17	3	15
	2013	56	48	59	88	17	3	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
3	..	..	20	55	56	55	..	..
4	..	..	21	53	67	40	..	..
6	..	..	25	59	83	36	..	..
6	..	..	24	58	83	35	..	..
54	7	63	..	67	4	69	..	..
54	7	64	..	66	6	68	..	..
56	7	66	..	68	5	70	..	..
56	7	66	..	75	5	78	..	..
27	27	..	..	47	24	87	..	..
28	28	..	..	50	34	78	..	..
29	29	..	..	50	32	81	..	..
29	29	..	..	52	38	76	..	..
52	54	60	17	48	45	41	93	31
52	55	60	16	48	44	45	91	32
52	56	67	15	47	44	42	88	28
53	58	67	18	47	43	42	94	31
..	..	..	..	40	40	..	..	..
..	..	..	..	39	39	..	..	..
..	..	..	..	36	36	..	..	..
..	..	..	..	36	36	..	..	..
11	11	..	..	69	69	..	..	..
11	11	..	..	45	45	..	..	..
11	11	..	..	45	45	..	..	..
11	11	..	..	45	45	..	..	..
..	..	..	..	33	33	..	..	41
..	..	..	..	33	32	..	..	43
..	..	..	..	33	31	..	..	52
..	..	..	..	37	35	..	..	53
15	15	..	..	41	41	..	..	..
15	15	..	..	42	42	..	..	..
15	15	..	..	39	39	..	..	..
15	15	..	..	39	39	..	..	..
..	..	..	..	46	46	..	..	..
19	19	..	..	50	50	..	..	..
23	23	..	..	54	54	..	..	..
17	17	..	..	48	48	..	..	..
33	33	..	..	33	13	57	..	..
29	29	..	..	31	13	53	..	..
31	31	..	..	34	14	59	..	..
32	32	..	..	29	12	50	..	..
37	37	..	..	51	51	..	..	..
36	36	..	..	49	49	..	..	..
36	36	..	..	46	46	..	..	..
36	36	..	..	45	45	..	..	..
..
..
..	..	..	..	48	48	..	..	..
..	..	..	..	48	48	..	..	..
..	..	..	..	33	33	..	..	..
..	..	..	..	34	34	..	..	..
..	..	..	..	33	34	..	..	..
..	..	..	..	33	34	..	..	..
54	47	61	..	51	41	53	82	24
61	55	68	..	54	43	56	84	21
61	51	71	..	54	48	56	81	15
62	55	69	..	56	47	58	88	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
Cayman Islands	2010	47	47	..	..	..	..	..
	2011	47	47	..	..	..	..	..
	2012	46	46	..	..	..	..	..
	2013	47	47	..	..	..	..	..
Costa Rica	2010	39	10	52	..	34	3	81
	2011	39	13	48	..	36	5	69
	2012	43	18	49	..	40	15	74
	2013	51	24	54	..	71	34	91
Cuba	2010	34	34	18	..	..	..	..
	2011	34	34	17	..	..	..	..
	2012	37	37	20	..	..	..	..
	2013	36	36	23	..	..	..	..
Curaçao	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	45	45	..	..	..	..	..
	2013	45	45	..	..	..	..	..
Dominica	2010	42	43	40	..	..	..	..
	2011	43	37	62	..	..	..	..
	2012	43	42	46	..	..	..	..
	2013	43	36	63	..	..	..	..
Dominican Republic	2010	51	54	31	..	..	..	..
	2011	52	55	33	..	5	..	..
	2012	51	55	34	..	13	..	..
	2013	50	53	35	..	32	..	..
El Salvador	2010	47	35	50	..	..	..	85
	2011	45	33	49	..	..	..	86
	2012	46	37	45	..	..	..	85
	2013	44	34	43	..	..	..	86
Greenland	2010	26	13	47	..	..	..	..
	2011	27	10	53	..	..	..	..
	2012	28	11	49	..	..	..	..
	2013	25	11	41	..	..	..	..
Grenada	2010	49	49	..	..	..	..	..
	2011	47	47	..	..	..	..	..
	2012	47	47	..	..	..	..	..
	2013	46	46	..	..	..	..	..
Guadeloupe	2010	47	52	20	..	29	17	40
	2011	43	49	20	..	29	17	36
	2012	42	48	18	..	22	17	44
	2013	42	46	26	..	25	18	72
Guatemala	2010	41	35	52	..	..	..	63
	2011	41	33	54	..	..	..	57
	2012	38	30	51	..	..	..	89
	2013	38	29	53	..	..	..	49
Haiti	2010	25	23	33	..	..	..	..
	2011	42	47	23	..	..	..	..
	2012	49	51	41	..	..	..	..
	2013	37	42	21	..	..	..	..
Honduras	2010	48	39	67	..	..	..	..
	2011	51	50	61	..	13	..	..
	2012	50	46	59	..	38	..	..
	2013	51	50	56	..	35	..	..
Jamaica	2010	59	59	76	..	29	..	..
	2011	57	58	76	..	25	..	..
	2012	52	53	75	..	30	..	..
	2013	52	53	47	..	31	..	..

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	..	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	46	46	..	..	..
..	..	..	..	47	47	..	..	..
65	57	76	49	35	8	48	..	69
62	57	71	48	35	12	45	..	61
67	97	74	53	39	15	45	..	64
64	48	74	53	49	22	51	..	100
17	17	..	..	36	36	18	..	..
17	17	..	..	36	36	17	..	..
18	18	..	..	39	39	20	..	..
21	21	..	..	37	37	23	..	..
..
..
42	42	..	..	49	49	..	..	..
42	42	..	..	48	48	..	..	..
..	..	..	..	42	43	40	..	..
..	..	..	..	43	37	62	..	..
..	..	..	..	43	42	46	..	..
..	..	..	..	43	36	63	..	..
85	85	..	..	47	50	31	..	..
85	85	..	..	48	51	33	..	5
89	89	..	..	46	50	34	..	13
93	93	..	..	46	48	35	..	32
40	40	..	..	48	33	50	..	85
37	37	..	..	46	31	49	..	86
38	38	..	..	47	37	45	..	85
38	38	..	..	45	33	43	..	86
46	46	..	..	24	7	47	..	..
40	40	..	..	26	5	53	..	..
39	39	..	..	26	5	49	..	..
38	38	..	..	24	5	41	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	46	46	..	..	..
..	..	..	..	47	52	20	..	25
..	..	..	..	43	49	20	..	23
..	..	..	..	42	48	18	..	22
..	..	..	..	42	46	26	..	26
22	21	63	..	45	39	51	..	63
17	17	63	..	46	39	54	..	57
17	16	58	..	43	36	51	..	89
14	14	59	..	43	35	53	..	49
..	..	..	..	35	35	33	..	..
5	5	..	..	56	71	23	..	..
7	7	..	..	65	76	41	..	..
6	6	..	..	49	62	21	..	..
2	2	..	..	50	42	67	..	..
51	52	..	..	51	49	61	..	13
50	51	..	..	50	46	59	..	38
52	53	..	..	51	50	56	..	35
76	81	..	29	53	52	76	..	..
70	79	..	27	52	51	76	..	..
60	64	..	32	49	48	75	..	..
74	80	..	34	41	41	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
Martinique	2010	50	50	..	..	17	35	..
	2011	49	49	..	..	17	35	..
	2012	44	50	..	..	17	8	..
	2013	43	49	..	..	17	8	..
Mexico	2010	50	53	36	49	25	12	78
	2011	55	59	36	84	31	11	84
	2012	54	60	31	62	32	15	82
	2013	53	59	27	96	30	16	84
Montserrat	2010	58	58	..	..	..	..	..
	2011	58	58	..	..	..	..	..
	2012	58	58	..	..	..	..	..
	2013	58	58	..	..	..	..	..
Neth. Antilles (former)	2010	46	46	..	..	..	..	..
	2011	47	47	..	..	..	..	..
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Nicaragua	2010	39	38	54	..	30	..	39
	2011	39	39	48	..	38	..	35
	2012	36	36	45	..	26	..	36
	2013	37	32	43	..	44	..	50
Panama	2010	43	35	51	..	..	..	..
	2011	38	41	35	..	..	..	..
	2012	41	39	42	..	..	..	..
	2013	40	42	39	..	..	..	..
Puerto Rico	2010	45	46	15	..	..	..	..
	2011	44	44	17	..	..	..	..
	2012	44	44	14	..	..	12	..
	2013	41	42	10	..	13	13	..
Sint Maarten (Dutch part)	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	52	52	..	..	..	..	..
	2013	52	52	..	..	..	..	..
St. Kitts-Nevis	2010	44	44	..	..	..	..	..
	2011	42	42	..	..	..	..	..
	2012	38	38	..	..	..	..	..
	2013	38	38	..	..	..	..	..
St. Lucia	2010	57	57	..	..	..	..	..
	2011	58	58	..	..	..	..	..
	2012	51	51	..	..	..	..	..
	2013	51	51	..	..	..	..	..
St. Pierre-Miquelon	2010	19	19	..	..	20	..	..
	2011	19	19	..	..	21	..	..
	2012	19	19	..	..	17	..	..
	2013	19	19	..	..	17	..	..
St. Vincent-Grenadines	2010	39	39	40	..	..	..	..
	2011	40	40	39	..	..	..	..
	2012	40	40	39	..	..	..	..
	2013	40	40	39	..	..	..	..
Trinidad and Tobago	2010	54	54	..	..	..	..	..
	2011	44	44	..	..	..	..	..
	2012	40	40	..	..	..	..	..
	2013	42	42	..	..	..	..	..
Turks and Caicos Islands	2010	43	43	..	..	..	..	..
	2011	38	38	..	..	..	..	..
	2012	34	34	..	..	..	..	..
	2013	34	34	..	..	..	..	..

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	..	..	49	50	..	..	34
86	86	..	..	48	49	..	..	34
86	86	..	..	44	49	..	..	8
86	86	..	..	43	49	..	..	8
35	35	35	25	52	56	36	49	74
37	38	36	28	58	63	36	84	80
38	39	40	30	57	64	31	62	61
43	46	44	26	55	62	27	96	63
..	..	..	..	58	58	..	..	..
..	..	..	..	58	58	..	..	..
..	..	..	..	58	58	..	..	..
..	..	..	..	58	58	..	..	..
60	60	..	..	37	37	..	..	..
60	60	..	..	37	37	..	..	..
..
..
40	40	..	..	39	37	55	..	35
39	39	..	..	39	39	48	..	37
42	43	13	..	35	35	45	..	31
45	45	13	..	36	30	43	..	47
1	2	..	..	48	42	55	..	..
1	2	..	..	41	48	36	..	..
1	2	..	..	45	46	44	..	..
2	2	..	..	44	49	41	..	..
47	47	..	..	45	46	15	..	..
47	47	..	..	44	44	17	..	..
47	47	..	..	44	44	14	..	7
47	47	..	..	41	42	10	..	13
..
..
..	..	..	..	52	52	..	..	..
..	..	..	..	52	52	..	..	..
11	11	..	..	49	49	..	..	..
11	11	..	..	46	46	..	..	..
10	10	..	..	41	41	..	..	..
10	10	..	..	41	41	..	..	..
..	..	..	..	57	57	..	..	..
..	..	..	..	58	58	..	..	..
..	..	..	..	51	51	..	..	..
..	..	..	..	51	51	..	..	..
..	..	..	..	19	19	..	..	20
..	..	..	..	19	19	..	..	21
..	..	..	..	19	19	..	..	17
..	..	..	..	19	19	..	..	17
..	..	..	..	39	39	40	..	..
..	..	..	..	40	40	39	..	..
..	..	..	..	40	40	39	..	..
..	..	..	..	40	40	39	..	..
4	4	..	..	60	60	..	..	..
4	4	..	..	47	47	..	..	..
4	4	..	..	43	43	..	..	..
5	5	..	..	45	45	..	..	..
..	..	..	..	43	43	..	..	..
..	..	..	..	38	38	..	..	..
..	..	..	..	34	34	..	..	..
..	..	..	..	34	34	..	..	..

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	2010	48	45	32	95	28	13	77
	2011	47	43	39	92	30	12	78
	2012	46	43	34	90	27	13	57
	2013	46	43	33	95	32	14	63
United States Virgin Is.	2010	34	34	..	..	..	..	..
	2011	31	31	..	..	..	..	..
	2012	30	30	..	..	..	..	..
	2013	30	30	..	..	..	..	..
America, South	2010	50	40	56	82	35	17	16
	2011	51	38	58	83	21	8	0
	2012	51	42	56	85	29	11	0
	2013	49	42	54	82	31	14	0
Argentina	2010	44	44	39	80	10	40	..
	2011	44	46	36	71	4	5	..
	2012	44	47	34	72	31	8	..
	2013	41	41	38	70	27	21	..
Bolivia (Plur. State of)	2010	47	45	51	..	..	17	..
	2011	49	47	54	..	..	17	..
	2012	46	44	54	..	..	17	..
	2013	44	39	59	..	..	17	..
Brazil	2010	52	38	57	83	41	..	..
	2011	52	31	59	89	22	..	..
	2012	52	40	56	91	31	..	..
	2013	51	49	52	89	34	11	..
Chile	2010	43	41	45	..	23	..	51
	2011	43	44	40	..	21	..	..
	2012	44	47	38	..	23	..	..
	2013	42	45	37	..	21	1	..
Colombia	2010	47	44	50	..	24	..	..
	2011	52	41	58	..	26	..	..
	2012	53	49	56	..	35	..	..
	2013	55	62	51	..	37	..	..
Ecuador	2010	47	49	45	..	14	..	..
	2011	49	42	58	..	14	..	..
	2012	52	43	62	..	9	..	..
	2013	52	49	56	..	28	11	..
Falkland Is. (Malvinas)	2010	17	15	..	..	22	..	..
	2011	17	15	..	..	22	..	..
	2012	17	15	..	..	22	..	..
	2013	17	15	..	..	22	..	..
French Guiana	2010	39	34	44	..	..	..	..
	2011	39	33	44	..	..	..	..
	2012	35	24	51	..	..	17	..
	2013	34	27	47	..	..	15	..
Guyana	2010	28	28	..	..	..	..	..
	2011	30	30	..	..	..	..	..
	2012	30	30	..	..	..	..	..
	2013	29	29	..	..	..	..	..
Paraguay	2010	70	1	70	..	..	..	..
	2011	75	1	75	..	..	..	..
	2012	78	6	78	..	..	..	..
	2013	78	2	78	..	..	..	..
Peru	2010	48	35	67	..	16	..	..
	2011	52	38	73	..	20	..	..
	2012	47	33	72	..	20	9	..
	2013	45	32	72	..	20	28	..

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
58	62	56	14	48	44	32	95	31
54	61	23	13	47	43	39	92	32
54	64	41	12	46	43	34	90	29
54	64	60	17	46	43	32	95	32
36	36	..	..	34	34	..	..	..
30	30	..	..	31	31	..	..	..
..	..	..	..	30	30	..	..	..
..	..	..	..	30	30	..	..	..
48	45	68	33	50	39	56	82	34
47	45	59	6	51	36	58	83	20
46	45	53	10	51	41	56	85	28
47	46	52	2	49	41	54	82	31
45	45	53	..	43	44	39	80	10
44	44	33	..	44	47	36	71	4
43	43	33	..	44	48	34	72	30
41	41	30	..	41	41	38	70	27
10	12	..	17	50	49	54	..	..
12	15	..	17	52	49	57	..	..
10	13	..	17	49	46	57	..	..
4	5	..	17	47	42	62	..	..
54	49	70	..	52	29	57	83	41
49	46	58	..	52	20	59	89	22
47	46	52	..	53	36	56	91	31
49	48	52	7	52	50	52	89	34
32	31	46	51	43	43	45	..	23
52	52	46	34	42	43	40	..	21
64	65	49	21	43	45	38	..	23
57	64	24	2	41	44	37	..	21
144	160	59	..	46	38	50	..	6
133	150	83	..	50	35	57	..	6
134	158	66	..	51	43	55	..	8
129	145	85	..	53	57	51	..	8
60	60	64	..	44	45	44	..	14
71	70	79	..	45	32	57	..	14
74	74	77	..	48	33	62	..	9
72	71	77	..	48	41	56	..	27
11	11	..	..	18	16	..	..	22
11	11	..	..	18	16	..	..	22
11	11	..	..	18	16	..	..	22
11	11	..	..	18	16	..	..	22
..	..	..	..	39	34	44	..	..
..	..	..	..	39	33	44	..	..
..	..	..	..	35	24	51	..	17
..	..	..	..	34	27	47	..	15
19	19	..	..	38	38	..	..	..
20	20	..	..	41	41	..	..	..
18	18	..	..	41	41	..	..	..
18	18	..	..	39	39	..	..	..
..	..	..	..	70	1	70	..	..
..	..	..	..	75	1	75	..	..
..	..	..	..	78	6	78	..	..
..	..	..	..	78	2	78	..	..
21	18	59	..	52	40	67	..	16
21	18	64	..	57	44	73	..	20
21	18	60	..	51	37	73	..	9
21	18	66	..	48	35	72	..	28

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
Suriname	2010	48	39	58	..	..	..	..
	2011	52	48	57	..	..	..	..
	2012	53	47	60	..	..	..	..
	2013	58	82	29	..	..	..	..
Uruguay	2010	44	21	62	..	18	..	..
	2011	42	35	48	..	29	..	..
	2012	41	42	40	..	25	..	..
	2013	43	25	61	..	27	..	..
Venezuela (Bolivar. Rep.)	2010	52	41	60	..	..	..	..
	2011	52	35	65	..	..	..	..
	2012	50	36	64	..	..	..	..
	2013	44	27	64	..	..	..	..
Asia	2010	48	50	34	75	18	12	168
	2011	47	51	32	53	18	9	138
	2012	46	50	35	43	18	9	145
	2013	46	51	35	43	21	9	67
Afghanistan	2010	21	12	23	..	..	..	..
	2011	27	17	30	..	..	..	..
	2012	27	14	32	..	..	..	..
	2013	27	22	29	..	..	..	..
Armenia	2010	21	9	25	70	20	..	..
	2011	24	14	24	71	17	..	..
	2012	23	16	21	65	11	..	..
	2013	21	15	19	66	11	..	..
Azerbaijan	2010	33	32	40	..	..	..	..
	2011	36	38	31	..	..	..	..
	2012	41	45	20	..	..	..	..
	2013	36	40	16	..	4	6	..
Bahrain	2010	46	46	..	..	..	..	..
	2011	47	47	..	..	..	..	..
	2012	48	48	..	..	..	..	..
	2013	50	50	..	..	..	..	..
Bangladesh	2010	80	82	36	..	..	..	..
	2011	76	77	43	..	..	..	..
	2012	68	69	39	..	..	..	..
	2013	71	72	32	..	..	..	..
Bhutan	2010	56	0	56	..	..	..	..
	2011	54	0	54	..	..	..	..
	2012	52	0	52	..	..	..	..
	2013	58	0	59	..	..	..	..
Brunei Darussalam	2010	55	55	..	..	..	..	..
	2011	53	53	..	..	..	23	..
	2012	54	54	..	..	..	23	..
	2013	61	61	..	..	..	23	..
Cambodia	2010	31	32	22	..	..	17	..
	2011	21	32	2	..	..	17	..
	2012	28	29	26	..	..	17	..
	2013	18	18	17	..	..	17	..
China	2010	47	49	37	78	17	..	14,089
	2011	47	52	33	78	17	..	9,659
	2012	47	50	39	88	18	..	1,629
	2013	46	51	36	87	21	4	830
China, Hong Kong SAR	2010	35	35	..	..	..	..	..
	2011	35	35	..	..	..	..	..
	2012	35	35	..	..	..	..	..
	2013	35	35	..	..	..	..	..

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
48	34	58	..	47	47	..	..	..
59	61	57	..	34	34	..	..	..
53	42	60	..	52	52	..	..	..
55	96	29	..	67	67	..	..	..
59	64	..	0	43	15	62	..	25
57	62	..	1	41	31	48	..	41
58	63	..	1	40	39	40	..	35
57	64	..	1	42	20	61	..	41
15	15	..	..	54	44	60	..	..
13	13	..	..	54	38	65	..	..
16	16	..	..	52	38	64	..	..
13	13	..	..	46	28	64	..	..
38	40	17	15	49	52	35	75	33
40	41	19	15	48	53	32	53	25
39	41	18	14	47	51	35	43	25
42	46	18	14	46	52	35	43	20
17	1	24	..	23	23	23	..	..
18	1	25	..	33	33	33	..	..
19	1	27	..	33	26	35	..	..
17	1	24	..	34	41	32	..	..
..	..	..	..	21	9	25	70	20
..	..	..	..	24	14	24	71	17
..	..	..	..	23	16	21	65	11
..	..	..	..	21	15	19	66	11
30	30	..	..	33	32	40	..	..
34	34	..	..	37	38	31	..	..
148	148	..	..	39	42	20	..	..
87	87	..	..	35	38	16	..	5
39	39	..	..	53	53	..	..	..
40	40	..	..	55	55	..	..	..
40	40	..	..	57	57	..	..	..
42	42	..	..	59	59	..	..	..
72	72	..	..	84	87	36	..	..
77	77	..	..	75	77	43	..	..
63	63	..	..	70	72	39	..	..
73	73	..	..	70	72	32	..	..
..	..	..	..	56	0	56	..	..
..	..	..	..	54	0	54	..	..
..	..	..	..	52	0	52	..	..
..	..	..	..	58	0	59	..	..
57	57	..	..	55	55	..	..	..
52	52	..	..	53	53	..	..	23
62	62	..	..	54	54	..	..	23
70	70	..	..	60	60	..	..	23
..	..	..	..	31	32	22	..	17
..	..	..	..	21	32	2	..	17
..	..	..	..	28	29	26	..	17
..	..	..	..	18	18	17	..	17
47	52	..	..	47	49	38	78	30
48	53	..	..	47	52	34	78	22
47	53	..	..	47	50	40	88	22
47	52	..	..	46	51	37	87	19
..	..	..	..	35	35	..	..	..
..	..	..	..	35	35	..	..	..
..	..	..	..	35	35	..	..	..
..	..	..	..	35	35	..	..	..

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
China, Macao SAR	2010	25	25	..	..	..	..	..
	2011	20	20	..	..	..	..	..
	2012	13	13	..	..	..	..	..
	2013	9	9	..	..	..	..	..
Cyprus	2010	39	41	..	..	4	10	..
	2011	32	34	..	..	10	12	..
	2012	31	33	..	..	14	14	..
	2013	27	28	..	..	18	15	..
Georgia	2010	25	5	38	..	..	..	..
	2011	27	16	34	..	..	..	..
	2012	25	17	31	..	..	..	..
	2013	26	12	35	..	..	..	..
India	2010	53	57	35	63	..	..	..
	2011	47	50	30	77	..	..	..
	2012	45	47	33	79	..	..	..
	2013	46	49	40	82	18	17	..
Indonesia	2010	57	58	39	..	13	6	90
	2011	51	51	36	..	11	11	88
	2012	42	42	31	..	11	8	80
	2013	44	44	39	..	6	7	55
Iran (Islamic Rep. of)	2010	40	44	13	..	20	10	16
	2011	39	43	16	4	25	6	36
	2012	39	43	15	21	22	7	38
	2013	40	43	16	51	39	8	34
Iraq	2010	39	43	22	..	..	..	..
	2011	37	40	19	..	..	..	..
	2012	42	44	25	..	..	..	..
	2013	31	31	26	..	..	..	..
Israel	2010	51	52	51	..	15	11	10
	2011	49	50	47	..	13	12	7
	2012	50	50	54	..	11	18	..
	2013	46	47	40	..	11	13	..
Japan	2010	44	45	22	67	20	12	56
	2011	41	52	22	24	22	12	57
	2012	40	55	20	4	22	12	58
	2013	39	55	20	2	22	12	58
Jordan	2010	53	53	58	..	9	..	..
	2011	45	45	52	..	2	..	..
	2012	51	51	58	..	2	..	..
	2013	53	53	52	..	2	..	..
Kazakhstan	2010	50	52	41	..	..	..	..
	2011	53	54	41	..	..	..	..
	2012	56	58	39	..	17	..	..
	2013	58	61	40	..	14	..	..
Korea, Dem.Ppl's.Rep.	2010	26	21	31	..	..	..	..
	2011	23	15	30	..	..	..	..
	2012	23	15	31	..	..	..	..
	2013	23	15	31	..	..	..	..
Korea, Republic of	2010	67	65	13	96	24	14	59
	2011	71	70	14	94	23	14	54
	2012	65	65	14	83	23	12	48
	2013	67	71	15	76	26	13	31
Kuwait	2010	51	51	..	..	..	..	..
	2011	44	44	..	..	..	..	..
	2012	48	48	..	..	..	..	..
	2013	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
61	61	..	..	23	23	..	..	..
70	70	..	..	18	18	..	..	..
77	77	..	..	9	9	..	..	..
85	85	..	..	5	5	..	..	..
26	26	..	23	39	41	..	..	5
21	21	..	23	33	35	..	..	10
19	18	..	23	31	33	..	..	14
19	18	..	23	27	28	..	..	17
..	..	..	..	25	5	38	..	..
..	..	..	..	27	16	34	..	..
..	..	..	..	25	17	31	..	..
..	..	..	..	26	12	35	..	..
38	38	43	..	56	61	35	63	..
40	40	43	..	48	52	30	77	..
40	40	43	..	46	48	33	79	..
57	59	24	18	45	48	40	82	18
37	44	14	15	60	61	49	..	90
56	56	48	14	50	50	34	..	88
57	58	50	14	39	39	29	..	80
60	59	89	8	41	42	33	..	54
17	17	..	..	42	47	13	..	20
22	22	..	..	40	45	16	4	26
22	22	..	..	40	45	15	21	23
13	13	..	..	42	46	16	51	39
..	..	..	..	39	43	22	..	..
..	..	..	..	37	40	19	..	..
..	..	..	..	42	44	25	..	..
..	..	..	..	31	31	26	..	..
41	48	23	11	52	52	62	..	13
30	45	29	11	50	50	55	..	4
26	30	23	18	51	51	66	..	11
17	20	29	13	47	47	44	..	11
28	28	43	15	49	52	20	67	49
26	26	47	15	45	61	19	24	48
26	26	43	15	44	66	17	4	50
25	27	44	14	44	65	18	2	49
17	17	..	..	56	56	58	..	9
15	15	..	..	47	47	52	..	2
14	14	..	..	53	53	58	..	2
16	16	..	..	55	55	52	..	2
..	..	..	..	50	52	41	..	..
..	..	..	..	53	54	41	..	..
..	..	..	..	56	58	39	..	17
..	..	..	..	58	61	40	..	14
..	..	..	..	26	21	31	..	..
..	..	..	..	23	15	30	..	..
..	..	..	..	23	15	31	..	..
..	..	..	..	23	15	31	..	..
58	59	..	10	68	65	13	96	20
59	61	..	13	71	71	14	94	21
52	54	..	7	66	66	14	83	21
51	54	..	7	68	73	15	76	23
..	..	..	..	52	52	..	..	..
..	..	..	..	45	45	..	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	45	45	..	..	..

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
Kyrgyzstan	2010	36	14	41	..	..	..	..
	2011	45	15	53	..	..	..	..
	2012	45	14	53	..	..	..	..
	2013	41	13	49	..	..	..	..
Lao People's Dem. Rep.	2010	16	68	15	..	..	13	..
	2011	16	68	15	..	..	13	..
	2012	14	68	13	..	..	13	..
	2013	16	68	15	..	..	13	..
Lebanon	2010	56	58	35	..	..	..	..
	2011	58	59	42	..	..	..	..
	2012	53	53	52	..	..	..	..
	2013	65	65	62	..	..	..	..
Malaysia	2010	52	54	34	..	..	10	..
	2011	50	52	29	..	..	10	..
	2012	53	55	31	..	..	10	..
	2013	50	53	31	..	..	10	..
Maldives	2010	38	38	..	..	..	..	..
	2011	40	40	..	..	..	..	..
	2012	42	42	..	..	..	..	..
	2013	43	43	..	..	..	..	..
Mongolia	2010	59	59	..	..	..	..	..
	2011	57	57	..	..	..	..	..
	2012	60	60	..	..	..	..	..
	2013	60	60	..	..	..	..	..
Myanmar	2010	29	31	28	..	..	..	..
	2011	33	37	32	..	..	..	..
	2012	34	40	32	..	..	..	..
	2013	34	34	34	..	..	..	..
Nepal	2010	58	1	64	..	..	..	..
	2011	52	0	56	..	..	..	..
	2012	53	2	57	..	..	..	..
	2013	46	2	50	..	..	..	..
Oman	2010	53	53	..	..	..	..	..
	2011	51	51	..	..	..	..	..
	2012	49	49	..	..	..	..	..
	2013	45	45	..	..	..	..	..
Other Asia	2010	58	58	18	92	23	12	..
	2011	59	60	17	93	30	3	..
	2012	59	60	21	90	25	14	..
	2013	59	60	21	92	25	9	..
Pakistan	2010	48	44	56	50	..	..	..
	2011	48	45	50	76	..	..	..
	2012	46	43	52	59	..	..	..
	2013	47	43	54	61	..	..	..
Philippines	2010	47	52	26	..	10	7	58
	2011	49	52	32	..	9	7	64
	2012	49	52	33	..	6	5	63
	2013	50	55	32	..	5	5	59
Qatar	2010	41	41	..	..	..	..	..
	2011	45	45	..	..	..	..	..
	2012	51	51	..	..	..	..	..
	2013	45	45	..	..	..	..	..
Saudi Arabia	2010	59	59	..	..	..	..	..
	2011	56	56	..	..	..	..	..
	2012	50	50	..	..	..	11	..
	2013	55	55	..	..	..	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
..	..	..	..	36	14	41	..	..
..	..	..	..	45	15	53	..	..
..	..	..	..	45	14	53	..	..
80	..	..	..	41	13	49	..	..
13	..	..	13	16	68	15	..	..
13	..	..	13	16	68	15	..	..
13	..	..	13	14	68	13	..	..
13	..	..	13	16	68	15	..	..
57	57	..	..	55	58	35	..	..
57	57	..	..	59	61	42	..	..
72	72	..	..	45	44	52	..	..
84	84	..	..	56	56	62	..	..
15	15	..	..	55	57	34	..	10
20	20	..	..	53	56	29	..	10
22	22	..	..	56	60	31	..	10
19	19	..	..	53	57	31	..	10
..	..	..	..	38	38	..	..	..
..	..	..	..	40	40	..	..	..
..	..	..	..	42	42	..	..	..
..	..	..	..	43	43	..	..	..
5	5	..	..	63	63	..	..	..
6	6	..	..	61	61	..	..	..
6	6	..	..	64	64	..	..	..
5	5	..	..	65	65	..	..	..
..	..	..	..	29	31	28	..	..
..	..	..	..	33	37	32	..	..
4	..	4	..	35	40	33	..	..
27	26	30	..	34	36	34	..	..
3	..	3	..	76	1	86	..	..
4	..	4	..	65	0	71	..	..
6	..	6	..	65	2	71	..	..
10	..	10	..	55	2	60	..	..
..	..	..	..	53	53	..	..	..
..	..	..	..	51	51	..	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	45	45	..	..	..
59	59	..	..	57	58	18	92	23
58	58	..	..	59	60	17	93	25
54	54	..	..	60	62	21	90	22
57	57	..	..	59	61	21	92	19
51	51	..	..	46	37	56	50	..
54	54	..	..	44	35	50	76	..
49	49	..	..	44	35	52	59	..
49	49	..	..	45	35	54	61	..
15	19	12	..	47	52	26	..	56
15	19	12	..	49	52	32	..	60
15	19	12	..	49	52	33	..	59
15	19	12	..	50	55	32	..	55
54	54	..	..	12	12	..	..	..
60	60	..	..	11	11	..	..	..
67	67	..	..	14	14	..	..	..
59	59	..	..	13	13	..	..	..
59	59	..	..	59	59	..	..	..
56	56	..	..	56	56	..	..	..
50	50	..	..	50	50	..	..	11
69	69	..	..	51	51	..	..	11

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
Singapore	2010	51	51	..	..	..	..	..
	2011	52	52	..	..	..	..	..
	2012	52	52	..	..	..	..	..
	2013	48	48	..	..	..	..	..
Sri Lanka	2010	44	41	47	..	18	4,111	..
	2011	42	46	37	..	29	72	..
	2012	40	56	24	..	22	79	..
	2013	42	35	49	..	33	81	..
State of Palestine	2010	39	39	..	..	..	..	..
	2011	46	46	..	..	..	..	..
	2012	38	38	..	..	..	..	..
	2013	44	44	..	..	..	..	..
Syrian Arab Republic	2010	65	68	35	..	..	..	..
	2011	58	60	44	..	..	..	..
	2012	43	43	43	..	..	..	..
	2013	36	36	40	..	..	..	..
Tajikistan	2010	37	1	39	..	..	..	..
	2011	36	1	39	..	..	..	..
	2012	31	3	33	..	..	..	..
	2013	32	2	33	..	..	..	..
Thailand	2010	38	40	18	..	11	10	76
	2011	36	37	26	..	11	10	76
	2012	40	41	28	..	11	10	38
	2013	40	41	19	..	12	483	38
Timor-Leste	2010	31	31	..	..	..	..	..
	2011	32	32	..	..	..	..	..
	2012	28	28	..	..	..	..	..
	2013	24	24	..	..	..	..	..
Turkey	2010	49	55	37	..	25	..	81
	2011	49	58	35	..	31	..	69
	2012	48	57	34	..	30	..	63
	2013	43	51	30	..	31	..	51
Turkmenistan	2010	63	63	34	..	..	..	..
	2011	61	61	0	..	..	..	..
	2012	63	63	0	..	..	..	..
	2013	67	67	..	..	..	..	..
United Arab Emirates	2010	46	46	..	..	..	..	..
	2011	43	43	..	..	..	..	..
	2012	45	45	..	..	..	..	..
	2013	46	46	..	..	..	..	..
Uzbekistan	2010	51	47	72	..	..	..	..
	2011	48	46	64	..	..	..	..
	2012	47	43	69	..	..	..	..
	2013	49	45	71	..	..	..	..
Viet Nam	2010	47	45	54	..	..	..	..
	2011	47	41	59	..	32	..	..
	2012	48	42	58	..	28	..	..
	2013	52	45	63	..	28	..	..
Yemen	2010	66	66	..	..	..	..	..
	2011	46	46	..	..	..	..	..
	2012	53	53	..	..	..	..	..
	2013	63	63	..	..	..	..	..
Europe	2010	45	44	35	79	20	9	62
	2011	43	44	31	79	22	10	43
	2012	42	42	33	81	22	11	46
	2013	41	41	35	80	23	12	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
47	47	..	..	51	51	..	..	..
49	49	..	..	52	52	..	..	..
65	65	..	..	52	52	..	..	..
64	64	..	..	47	47	..	..	..
20	0	..	..	44	41	47	..	18
21	0	..	..	42	46	37	..	28
21	0	..	..	40	56	24	..	22
23	0	..	..	42	35	49	..	33
..	..	..	..	39	39	..	..	..
..	..	..	..	46	46	..	..	..
..	..	..	..	38	38	..	..	..
..	..	..	..	44	44	..	..	..
12	12	..	..	72	77	35	..	..
12	12	..	..	65	68	44	..	..
9	9	..	..	48	49	43	..	..
6	6	..	..	40	40	40	..	..
..	..	..	..	37	1	39	..	..
..	..	..	..	36	1	39	..	..
..	..	..	..	31	3	33	..	..
..	..	..	..	32	2	33	..	..
11	11	..	..	52	57	18	..	11
11	11	..	..	50	53	26	..	11
11	11	..	..	55	58	28	..	11
21	20	..	..	49	53	19	..	18
..	..	..	..	31	31	..	..	..
..	..	..	..	32	32	..	..	..
..	..	..	..	28	28	..	..	..
..	..	..	..	24	24	..	..	..
45	49	26	23	49	56	38	..	29
46	51	26	23	50	58	35	..	34
47	50	35	23	48	58	34	..	32
44	47	23	54	43	51	31	..	33
..	..	..	..	63	63	34	..	..
..	..	..	..	61	61	0	..	..
..	..	..	..	63	63	0	..	..
..	..	..	..	67	67	..	..	..
..	..	..	..	46	46	..	..	..
..	..	..	..	43	43	..	..	..
..	..	..	..	45	45	..	..	..
..	..	..	..	46	46	..	..	..
14	14	..	..	51	48	72	..	..
15	15	..	..	49	46	64	..	..
14	14	..	..	48	44	69	..	..
14	14	..	..	49	45	71	..	..
18	18	..	..	50	48	54	..	..
15	15	..	..	50	46	59	..	32
16	16	..	..	52	47	58	..	33
17	17	..	..	56	50	63	..	33
43	43	..	..	69	69	..	..	..
26	26	..	..	48	48	..	..	..
33	33	..	..	54	54	..	..	..
24	24	..	..	67	67	..	..	..
47	49	42	18	45	44	35	79	18
45	50	41	13	43	43	31	79	19
45	51	43	13	42	42	33	81	19
40	46	43	13	41	40	35	80	19

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
Albania	2010	55	0	60	..	..	..	..
	2011	30	6	32	..	..	..	..
	2012	31	0	33	..	..	..	..
	2013	41	0	45	..	..	..	..
Andorra	2010	41	29	43	..	..	..	..
	2011	37	28	39	..	..	..	..
	2012	32	27	33	..	..	..	..
	2013	42	29	44	..	..	..	..
Austria	2010	38	43	37	..	24	7	11
	2011	33	36	33	..	20	6	11
	2012	36	31	42	..	21	11	11
	2013	33	26	40	..	22	11	0
Belarus	2010	48	48	35	..	8	..	..
	2011	44	44	31	..	3	..	..
	2012	39	39	24	..	20	..	..
	2013	39	39	47	..	27	..	..
Belgium	2010	58	52	13	92	16	7	..
	2011	51	41	11	93	25	10	..
	2012	46	43	13	78	23	10	..
	2013	46	42	14	82	25	10	31
Bosnia and Herzegovina	2010	45	47	43	..	..	..	..
	2011	41	57	24	..	..	..	..
	2012	37	52	23	..	..	..	..
	2013	46	53	39	..	..	..	..
Bulgaria	2010	53	62	21	92	16	7	..
	2011	57	75	14	98	18	7	..
	2012	46	59	15	95	21	9	..
	2013	43	54	17	82	23	15	..
Croatia	2010	40	35	46	..	20	..	..
	2011	31	38	25	..	19	..	..
	2012	29	33	26	..	21	6	..
	2013	36	30	42	..	23	7	..
Czech Republic	2010	49	52	18	82	18	4	..
	2011	50	52	14	81	21	13	..
	2012	49	50	15	86	18	12	..
	2013	47	47	18	82	21	11	..
Denmark	2010	33	37	27	..	23	10	..
	2011	30	30	22	..	28	10	..
	2012	25	24	22	..	28	3	..
	2013	29	32	16	..	26	10	..
Estonia	2010	54	55	51	..	29	..	..
	2011	52	54	68	..	23	..	..
	2012	47	50	60	..	19	..	..
	2013	52	55	37	..	24	..	..
Faeroe Islands	2010	32	35	24	..	52	..	..
	2011	31	29	33	..	55	..	..
	2012	33	32	36	..	41	..	..
	2013	33	32	33	..	83	..	..
Finland	2010	59	53	47	96	17	7	..
	2011	54	44	44	97	28	7	..
	2012	51	35	60	96	22	6	..
	2013	49	38	45	98	20	7	..
France	2010	52	25	30	77	19	7	23
	2011	50	22	22	80	20	8	4
	2012	50	23	29	77	23	12	8
	2013	50	22	34	77	22	12	8

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
..	..	..	..	56	0	60	..	..
..	..	..	..	30	7	32	..	..
..	..	..	..	31	0	33	..	..
..	..	..	..	42	0	45	..	..
..	..	..	..	41	29	43	..	..
..	..	..	..	37	28	39	..	..
..	..	..	..	32	27	33	..	..
..	..	..	..	42	29	44	..	..
47	54	22	..	37	39	38	..	22
45	53	21	..	32	31	34	..	17
42	51	11	..	36	25	43	..	19
39	47	12	..	32	20	41	..	19
61	62	4	8	47	47	52	..	..
63	64	8	6	43	43	46	..	..
60	60	10	12	38	38	28	..	30
48	48	12	12	38	38	57	..	46
30	45	..	7	62	53	13	92	16
30	52	..	10	54	40	11	93	25
24	52	..	10	51	42	13	78	23
24	50	..	10	51	40	14	82	25
20	20	..	..	47	51	43	..	..
16	16	..	..	42	62	24	..	..
17	17	..	..	38	56	23	..	..
18	18	..	..	48	57	39	..	..
53	50	..	..	53	63	21	92	15
36	31	..	..	57	75	14	98	16
49	46	..	..	46	59	15	95	14
47	44	..	..	43	54	17	82	18
24	24	23	..	41	37	46	..	14
28	28	11	..	31	40	25	..	19
22	22	29	..	29	34	26	..	21
24	24	29	..	36	30	42	..	22
57	58	45	..	49	51	15	82	6
49	51	33	..	50	52	12	81	14
48	50	33	..	49	50	13	86	13
49	51	38	..	47	46	17	82	12
41	41	..	10	33	37	27	..	23
38	39	..	10	29	30	22	..	28
23	35	..	3	25	24	22	..	28
24	38	..	10	30	32	16	..	26
56	58	..	11	54	55	51	..	29
63	63	..	..	52	54	68	..	23
59	58	..	..	47	49	60	..	19
58	58	..	57	52	55	37	..	24
..	..	..	..	32	35	24	..	52
..	..	..	..	31	29	33	..	55
..	..	..	..	33	32	36	..	41
..	..	..	..	33	32	33	..	83
61	61	50	..	59	52	47	96	19
60	59	56	..	53	41	44	97	30
58	55	73	..	50	31	59	96	23
57	55	57	..	48	34	44	98	20
21	23	34	10	54	25	30	77	19
21	36	22	6	52	20	22	80	21
27	46	25	10	52	19	29	77	21
24	38	33	11	52	19	34	77	20

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
Germany	2010	44	55	28	78	16	8	59
	2011	40	52	23	60	19	9	56
	2012	41	54	28	94	18	9	63
	2013	39	53	29	92	17	10	47
Gibraltar	2010	47	47	..	..	..	..	..
	2011	45	45	..	..	..	..	..
	2012	47	47	..	..	..	..	..
	2013	50	50	..	..	..	..	..
Greece	2010	43	51	27	..	24	9	..
	2011	41	53	15	..	23	11	..
	2012	39	52	16	..	25	13	..
	2013	35	44	23	..	26	16	..
Guernsey	2010	15	15	..	..	..	..	..
	2011	8	8	..	..	..	..	..
	2012	7	7	..	..	..	..	..
	2013	29	29	..	..	..	..	..
Hungary	2010	47	36	40	90	21	6	..
	2011	43	31	46	90	22	3	..
	2012	42	29	43	90	27	8	..
	2013	41	27	43	88	25	8	37
Iceland	2010	76	0	76	..	..	..	89
	2011	74	0	76	..	..	..	81
	2012	75	0	75	..	..	..	89
	2013	75	1	74	..	17	..	90
Ireland	2010	39	45	17	..	23	..	..
	2011	37	40	15	..	31	..	..
	2012	37	41	22	..	26	..	..
	2013	34	37	20	..	27	..	..
Isle of Man	2010	32	32	34	..	..	..	..
	2011	32	32	35	..	..	..	..
	2012	19	19	50	..	..	..	..
	2013	31	31	46	..	..	..	..
Italy	2010	32	35	29	..	18	6	67
	2011	29	34	25	..	16	10	71
	2012	27	32	23	..	19	13	70
	2013	27	29	28	..	20	13	70
Jersey	2010	3	3	..	..	..	..	..
	2011	2	2	..	..	..	..	..
	2012	2	2	..	..	..	..	..
	2013	2	2	..	..	..	..	..
Latvia	2010	30	37	25	..	19	..	..
	2011	27	37	21	..	23	..	..
	2012	26	26	27	..	22	..	..
	2013	24	29	21	..	20	..	..
Liechtenstein	2010	75	49	82	..	..	32	..
	2011	69	45	71	..	..	71	..
	2012	82	42	84	..	..	99	..
	2013	81	39	79	..	..	145	..
Lithuania	2010	18	18	17	..	19	..	..
	2011	15	13	14	..	27	..	..
	2012	14	12	12	..	22	3	..
	2013	13	10	14	..	25	8	..
Luxembourg	2010	31	69	15	..	14	8	..
	2011	24	55	11	..	16	7	..
	2012	24	56	12	..	15	6	..
	2013	18	34	12	..	16	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
61	61	58	55	43	54	28	78	13
59	59	54	59	39	52	23	60	15
72	72	55	72	39	52	28	94	14
53	53	49	51	38	53	29	92	13
..	..	..	..	47	47	..	..	..
..	..	..	..	45	45	..	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	50	50	..	..	..
54	54	..	..	42	50	27	..	22
54	54	..	..	41	53	15	..	20
51	51	..	..	39	52	16	..	19
41	41	..	..	34	44	23	..	20
..	..	..	..	15	15	..	..	..
..	..	..	..	8	8	..	..	..
..	..	..	..	7	7	..	..	..
..	..	..	..	29	29	..	..	..
32	33	..	6	48	36	40	90	21
46	48	..	3	43	30	46	90	22
52	57	..	8	42	29	43	90	27
35	41	..	14	41	26	43	88	25
..	..	..	..	76	0	76	..	89
..	..	..	..	74	0	76	..	81
..	..	..	..	75	0	75	..	89
..	..	..	..	75	1	74	..	90
72	72	..	..	38	43	17	..	23
68	68	..	..	35	38	15	..	31
73	73	..	..	35	39	22	..	26
70	70	..	..	32	35	20	..	27
..	..	..	..	32	32	34	..	..
..	..	..	..	32	32	35	..	..
..	..	..	..	19	19	50	..	..
..	..	..	..	31	31	46	..	..
44	44	62	45	32	35	29	..	19
47	46	59	45	28	33	25	..	15
44	44	51	42	27	32	23	..	17
43	42	60	32	26	29	28	..	17
35	35	..	..	2	2	..	..	..
54	54	..	..	1	1	..	..	..
55	55	..	..	1	1	..	..	..
56	56	..	..	1	1	..	..	..
41	49	23	29	29	37	26	..	18
37	43	21	0	27	37	21	..	23
50	52	27	..	26	25	27	..	21
56	57	17	..	24	28	21	..	20
..	..	..	..	75	49	82	..	32
..	..	..	..	69	45	71	..	71
..	..	..	..	82	42	84	..	99
..	..	..	..	81	39	79	..	145
28	17	..	..	18	18	17	..	19
25	16	..	..	14	13	14	..	27
33	26	..	..	12	11	12	..	22
26	18	..	..	12	10	14	..	21
27	35	46	8	31	74	15	..	14
24	35	23	7	24	57	11	..	16
19	35	29	6	25	58	12	..	15
19	36	34	9	18	34	12	..	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
Malta	2010	42	42	..	..	..	0	..
	2011	44	43	..	..	..	63	..
	2012	45	45	..	..	..	21	..
	2013	41	44	..	..	..	7	..
Montenegro	2010	53	69	48	..	..	..	..
	2011	35	79	21	..	..	..	..
	2012	37	74	26	..	..	..	..
	2013	50	71	43	..	..	..	..
Netherlands	2010	51	53	32	89	20	8	25
	2011	46	47	18	93	25	8	24
	2012	39	40	32	88	23	8	29
	2013	38	39	35	68	24	8	37
Norway	2010	45	41	45	..	24	..	9
	2011	45	34	46	..	29	..	8
	2012	51	24	53	..	25	..	0
	2013	47	22	48	..	31	..	..
Poland	2010	54	58	17	..	17	..	40
	2011	54	59	13	..	20	..	46
	2012	52	58	12	..	21	11	46
	2013	52	59	15	..	20	6	46
Portugal	2010	33	32	37	..	28	18	90
	2011	30	35	25	..	25	19	96
	2012	27	36	13	..	27	19	67
	2013	31	33	30	..	30	18	90
Republic of Moldova	2010	24	23	56	..	..	..	..
	2011	23	22	54	..	..	..	..
	2012	22	22	24	..	..	..	..
	2013	21	21	32	..	11	..	..
Romania	2010	35	28	36	94	9	..	..
	2011	35	34	26	95	16	11	..
	2012	31	31	22	93	17	2	..
	2013	29	27	26	94	19	6	..
Russian Federation	2010	53	53	41	80	5	..	71
	2011	54	54	40	81	6	..	74
	2012	53	52	39	80	6	..	67
	2013	50	49	42	78	6	..	64
Serbia	2010	50	52	51	..	..	..	..
	2011	51	60	37	..	..	..	..
	2012	48	55	40	..	..	..	..
	2013	52	60	44	..	..	..	..
Slovakia	2010	40	25	26	91	23	10	24
	2011	39	29	19	91	19	9	47
	2012	39	28	20	91	23	9	41
	2013	39	24	23	93	14	11	32
Slovenia	2010	59	55	43	97	..	12	..
	2011	56	55	34	103	..	13	..
	2012	54	54	37	92	..	13	..
	2013	53	51	43	88	11	13	..
Spain	2010	32	28	28	95	24	18	20
	2011	30	30	20	88	23	19	22
	2012	30	30	15	94	25	21	22
	2013	29	24	24	93	27	21	..
Sweden	2010	47	27	45	74	20	9	..
	2011	49	30	46	74	25	10	..
	2012	50	22	55	77	23	9	..
	2013	46	23	43	81	27	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
11	11	..	..	42	42	..	..	0
29	11	..	..	44	44	..	..	46
99	34	..	..	44	45	..	..	9
19	23	..	18	42	44	..	..	0
..	..	..	..	53	69	48	..	..
..	..	..	..	35	79	21	..	..
..	..	..	..	37	74	26	..	..
..	..	..	..	50	71	43	..	..
49	53	..	19	51	53	32	89	20
44	48	..	21	47	47	18	93	26
43	49	..	17	38	38	32	88	24
41	48	..	15	37	37	35	68	24
55	59	51	..	44	6	45	..	24
52	50	55	..	45	7	46	..	28
47	33	62	..	52	8	53	..	25
47	31	61	..	47	9	48	..	30
51	50	23	40	54	59	17	..	17
55	54	23	30	54	59	13	..	20
55	54	23	34	52	58	12	..	21
56	56	34	26	52	59	15	..	20
48	48	36	..	31	29	37	..	28
49	50	27	14	28	32	25	..	25
45	47	19	16	25	33	13	..	27
50	53	38	15	29	27	30	..	30
3	3	..	..	34	33	56	..	..
2	2	..	..	32	31	54	..	..
3	3	..	..	30	30	24	..	..
4	4	..	..	28	28	32	..	11
40	40	37	11	35	28	36	94	9
41	45	20	11	34	33	26	95	16
24	29	19	5	32	31	22	93	19
24	29	28	6	30	27	26	94	18
40	41	19	..	54	54	41	80	64
42	42	23	..	55	55	41	81	66
42	42	38	..	53	54	39	80	60
37	38	37	..	52	51	42	78	58
93	93	..	..	50	52	51	..	..
75	75	..	..	50	60	37	..	..
56	56	..	..	48	55	40	..	..
66	66	..	..	52	60	44	..	..
38	39	50	18	41	22	25	91	11
28	41	40	11	41	27	19	91	9
28	40	35	11	40	25	20	91	10
25	36	40	13	41	22	23	93	11
29	58	16	12	61	55	46	97	11
22	50	12	13	59	55	36	103	11
21	72	12	13	57	53	40	92	14
20	67	15	13	57	51	46	88	11
61	62	48	22	29	24	28	95	23
64	65	49	23	28	25	20	88	22
65	66	26	23	28	25	15	94	24
61	62	45	4	26	19	24	93	25
67	67	53	..	46	21	45	74	20
49	49	57	..	49	25	46	74	25
58	58	65	..	50	16	55	77	23
56	56	13	..	46	16	43	81	27

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
Switzerland	2010	39	43	28	92	10	8	..
	2011	37	44	25	93	17	8	..
	2012	39	42	30	89	21	8	..
	2013	39	42	29	91	17	8	..
T.F.Yug. Rep. Macedonia	2010	45	43	50	..	..	..	..
	2011	42	47	29	..	..	6	..
	2012	37	45	20	..	..	9	..
	2013	36	39	29	..	..	15	..
Ukraine	2010	39	28	28	74	6	..	..
	2011	41	31	23	74	7	2	..
	2012	41	32	23	74	13	12	..
	2013	40	31	30	69	29	20	..
United Kingdom	2010	47	47	18	65	22	5	23
	2011	45	44	22	74	27	3	11
	2012	44	43	21	81	25	9	15
	2013	45	45	20	81	29	8	23
Oceania	2010	49	54	32	..	32	12	89
	2011	47	52	35	..	32	13	93
	2012	45	51	31	..	29	12	95
	2013	45	50	36	..	28	13	74
American Samoa	2010	41	41	..	..	..	..	..
	2011	44	44	..	..	..	..	..
	2012	43	44	..	..	..	13	..
	2013	43	44	..	..	..	13	..
Australia	2010	48	54	18	..	31	12	11
	2011	47	53	22	..	31	13	11
	2012	44	51	18	..	27	12	11
	2013	44	51	26	..	26	13	11
Cook Islands	2010	48	48	..	..	..	..	..
	2011	48	48	..	..	..	..	..
	2012	47	47	..	..	..	..	..
	2013	46	46	..	..	..	..	..
Fiji	2010	44	50	43	..	7	..	..
	2011	43	41	47	..	6	..	..
	2012	36	33	40	..	8	..	..
	2013	38	39	40	..	6	..	..
French Polynesia	2010	41	35	67	..	..	14	..
	2011	38	34	54	..	..	14	..
	2012	38	36	50	..	..	15	..
	2013	37	35	47	..	..	16	..
Guam	2010	39	39	..	..	..	..	..
	2011	38	38	..	..	..	..	..
	2012	37	37	..	..	..	..	..
	2013	36	36	..	..	..	..	..
Kiribati	2010	46	50	..	..	..	..	..
	2011	46	50	..	..	..	..	..
	2012	46	50	..	..	..	..	..
	2013	46	50	..	..	..	..	..
Marshall Islands	2010	75	75	..	..	..	..	..
	2011	75	75	..	..	..	..	..
	2012	75	75	..	..	..	..	..
	2013	75	75	..	..	..	..	..
Micronesia(Fed. States of)	2010	24	25	..	..	..	15	..
	2011	23	23	..	..	..	15	..
	2012	23	24	..	..	..	15	..
	2013	24	24	..	..	..	23	..

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
48	46	59	8	39	35	27	92	10
43	47	51	8	36	37	24	93	17
38	46	49	8	39	32	29	89	21
34	47	49	8	39	27	28	91	17
8	8	..	..	45	43	50	..	..
8	8	..	..	42	47	29	..	6
8	8	..	..	37	45	20	..	9
6	6	..	..	36	39	29	..	15
17	17	64	..	41	29	27	74	7
13	13	40	..	42	32	23	74	5
13	13	46	..	43	34	23	74	13
11	11	50	..	42	33	30	69	24
62	69	54	21	45	45	16	65	21
58	75	61	15	44	42	20	74	28
56	81	59	15	43	40	19	81	25
46	79	56	15	45	43	18	81	30
46	49	42	13	49	54	32	..	45
40	49	42	13	48	52	34	..	45
36	48	42	12	46	51	31	..	41
29	39	42	14	47	52	36	..	37
..	..	..	..	41	41	..	..	..
..	..	..	..	44	44	..	..	..
..	..	..	..	43	44	..	..	13
..	..	..	..	43	44	..	..	13
43	46	..	12	48	55	18	..	31
38	47	..	13	48	53	22	..	31
34	46	..	12	46	52	18	..	27
25	34	..	13	47	52	26	..	26
..	..	..	..	48	48	..	..	..
..	..	..	..	48	48	..	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	46	46	..	..	..
14	14	..	..	52	83	43	..	7
12	12	..	..	51	67	47	..	6
13	13	..	..	41	51	40	..	8
12	12	..	..	44	63	40	..	6
..	..	..	..	41	35	67	..	14
..	..	..	..	38	34	54	..	14
..	..	..	..	38	36	50	..	15
..	..	..	..	37	35	47	..	16
..	..	..	..	39	39	..	..	..
..	..	..	..	38	38	..	..	..
..	..	..	..	37	37	..	..	..
..	..	..	..	36	36	..	..	..
..	..	..	..	46	50	..	..	..
..	..	..	..	46	50	..	..	..
..	..	..	..	46	50	..	..	..
..	..	..	..	75	75	..	..	..
..	..	..	..	75	75	..	..	..
..	..	..	..	75	75	..	..	..
..	..	..	..	75	75	..	..	..
..	..	..	..	24	25	..	..	15
..	..	..	..	23	23	..	..	15
..	..	..	..	23	24	..	..	15
..	..	..	..	24	24	..	..	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
Nauru	2010	43	43	..	..	..	..	..
	2011	50	50	..	..	..	..	..
	2012	51	51	..	..	..	..	..
	2013	52	52	..	..	..	..	..
New Caledonia	2010	49	54	39	..	16	14	..
	2011	52	55	55	..	14	12	..
	2012	52	54	59	..	17	15	..
	2013	51	52	67	..	16	14	..
New Zealand	2010	54	49	54	..	36	..	90
	2011	52	41	55	..	36	..	93
	2012	53	50	50	..	38	..	95
	2013	51	49	50	..	37	..	74
Niue	2010	34	34	..	..	..	..	..
	2011	34	34	..	..	..	..	..
	2012	34	34	..	..	..	..	..
	2013	34	34	..	..	..	..	..
Northern Mariana Islands	2010	77	77	..	..	..	..	..
	2011	77	77	..	..	..	..	..
	2012	77	77	..	..	..	..	..
	2013	77	77	..	..	..	..	..
Palau	2010	22	22	21	..	..	..	..
	2011	21	21	21	..	..	..	..
	2012	21	21	21	..	..	..	..
	2013	21	21	21	..	..	..	..
Papua New Guinea	2010	53	58	44	..	..	..	..
	2011	55	61	44	..	..	..	..
	2012	55	61	44	..	..	..	..
	2013	59	66	45	..	..	..	..
Samoa	2010	32	27	45	..	..	..	..
	2011	31	30	33	..	..	..	..
	2012	32	31	35	..	..	..	..
	2013	32	31	35	..	..	..	..
Solomon Islands	2010	28	28	..	..	..	..	..
	2011	26	26	..	..	..	..	..
	2012	26	26	..	..	..	..	..
	2013	28	28	..	..	..	..	..
Tonga	2010	43	43	..	..	..	..	..
	2011	43	43	..	..	..	..	..
	2012	43	43	..	..	..	..	..
	2013	43	43	..	..	..	..	..
Tuvalu	2010	26	26	..	..	..	..	..
	2011	27	27	..	..	..	..	..
	2012	27	27	..	..	..	..	..
	2013	27	27	..	..	..	..	..
Vanuatu	2010	27	25	76	..	20	..	..
	2011	25	24	54	..	19	16	..
	2012	24	24	69	..	11	21	..
	2013	25	24	67	..	11	21	..
Wallis and Futuna Is.	2010	20	20	..	..	..	..	..
	2011	20	20	..	..	..	..	..
	2012	19	20	..	..	..	..	..
	2013	19	19	..	..	..	..	..

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
..	..	..	..	43	43	..	..	..
..	..	..	..	50	50	..	..	..
..	..	..	..	51	51	..	..	..
..	..	..	..	52	52	..	..	..
14	..	..	14	49	54	39	..	16
35	38	..	14	52	56	55	..	14
36	38	..	14	52	55	59	..	17
39	39	..	14	53	54	67	..	16
63	65	46	23	54	48	54	..	68
59	60	46	23	52	39	55	..	68
62	65	49	40	52	49	50	..	70
64	67	49	42	51	47	50	..	60
..	..	..	..	34	34	..	..	..
..	..	..	..	34	34	..	..	..
..	..	..	..	34	34	..	..	..
..	..	..	..	34	34	..	..	..
..	..	..	..	77	77	..	..	..
..	..	..	..	77	77	..	..	..
..	..	..	..	77	77	..	..	..
..	..	..	..	77	77	..	..	..
34	34	..	..	21	21	21	..	..
34	34	..	..	20	20	21	..	..
34	34	..	..	20	20	21	..	..
34	34	..	..	20	20	21	..	..
61	67	42	..	40	32	46	..	..
64	70	42	..	40	32	46	..	..
64	70	42	..	40	32	46	..	..
69	75	42	..	41	33	47	..	..
23	23	..	..	33	27	45	..	..
23	23	..	..	32	31	33	..	..
23	23	..	..	33	32	35	..	..
23	23	..	..	33	32	35	..	..
19	19	..	..	29	29	..	..	..
18	18	..	..	27	28	..	..	..
18	18	..	..	28	28	..	..	..
18	18	..	..	30	30	..	..	..
..	..	..	..	43	43	..	..	..
..	..	..	..	43	43	..	..	..
..	..	..	..	43	43	..	..	..
..	..	..	..	43	43	..	..	..
..	..	..	..	26	26	..	..	..
..	..	..	..	27	27	..	..	..
..	..	..	..	27	27	..	..	..
..	..	..	..	27	27	..	..	..
..	..	..	..	27	27	..	..	..
..	..	..	..	27	27	..	..	..
..	..	..	..	27	27	..	..	..
..	..	..	..	25	25	76	..	20
..	..	..	..	25	24	54	..	19
..	..	..	..	24	24	69	..	11
..	..	..	..	25	24	67	..	12
..	..	..	..	20	20	..	..	..
..	..	..	..	20	20	..	..	..
..	..	..	..	19	20	..	..	..
..	..	..	..	19	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.

For India, thermal production includes also wind electricity.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification.

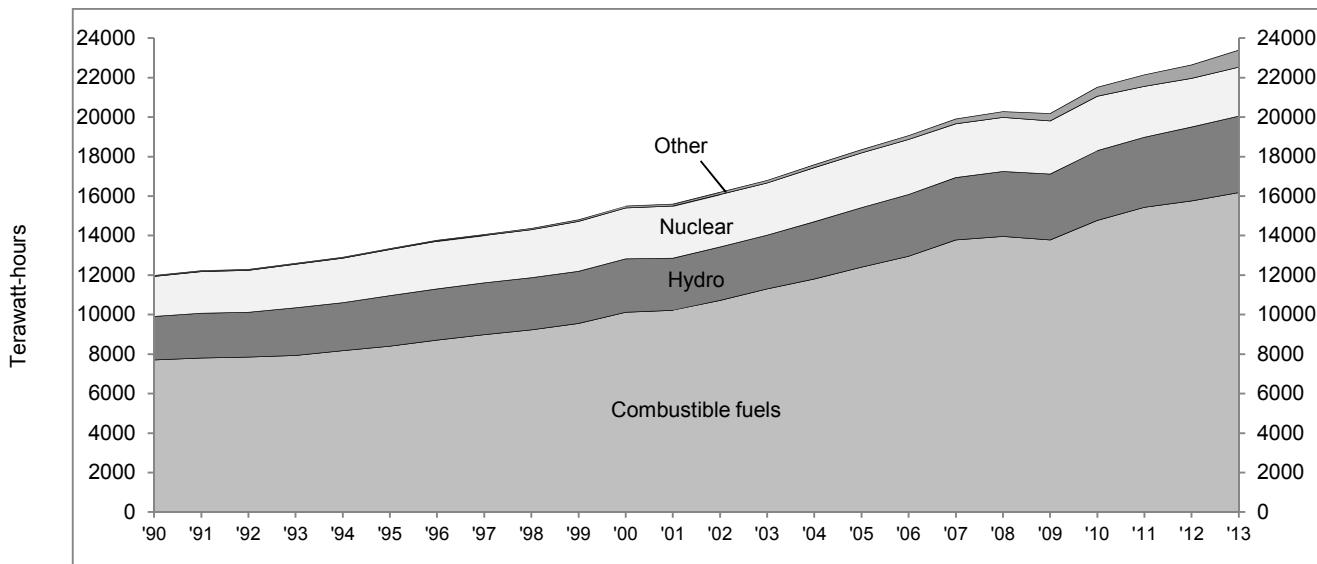
Figure 75: World electricity generation by source, 1990-2013

Figure 76: World production of electricity by region, 2013

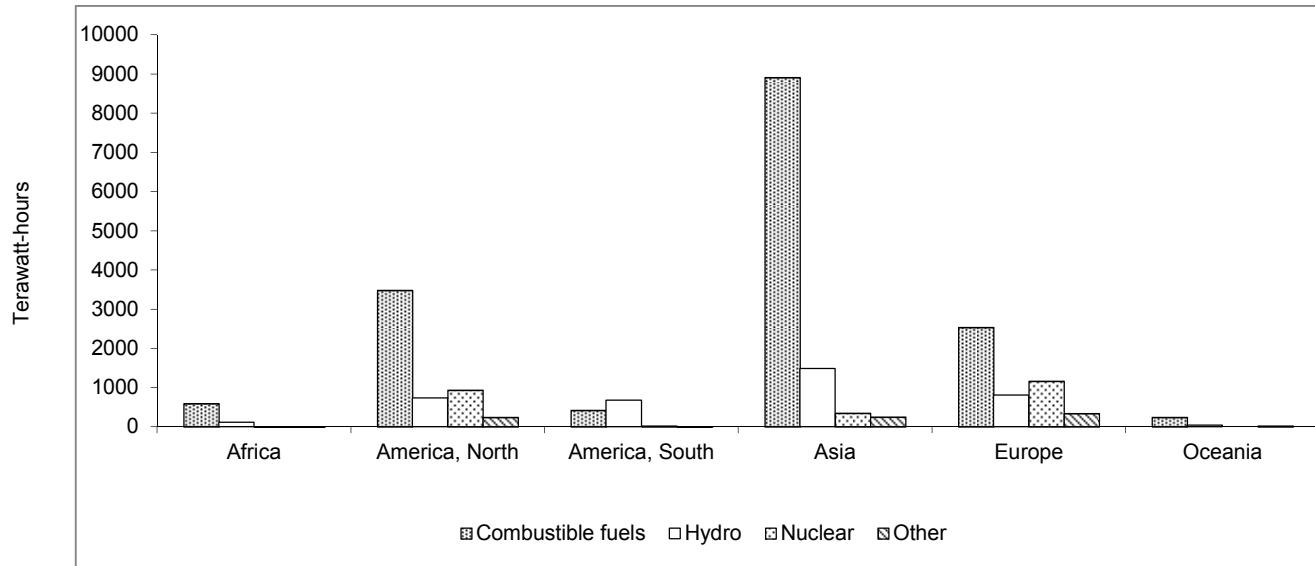


Figure 77: Major countries producing electricity from combustible fuels, 2013

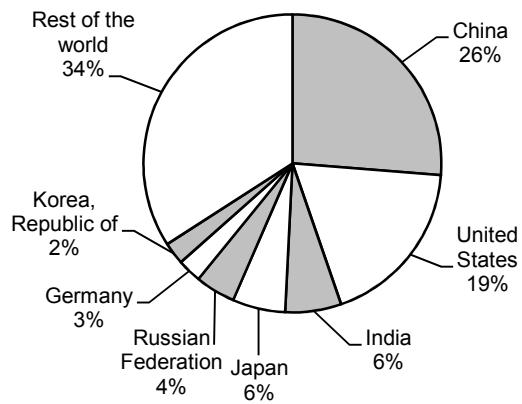


Figure 78: Major countries producing hydro electricity, 2013

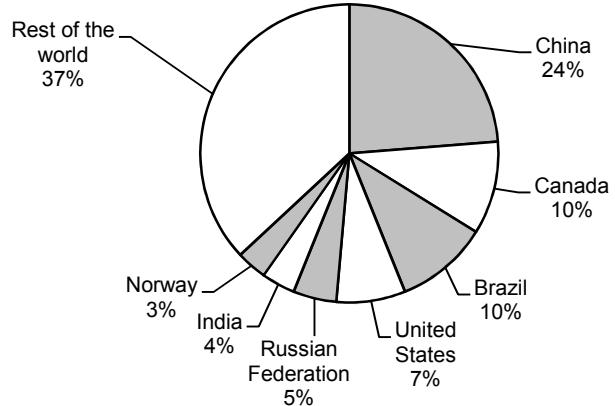


Figure 79: Major countries producing nuclear electricity, 2013

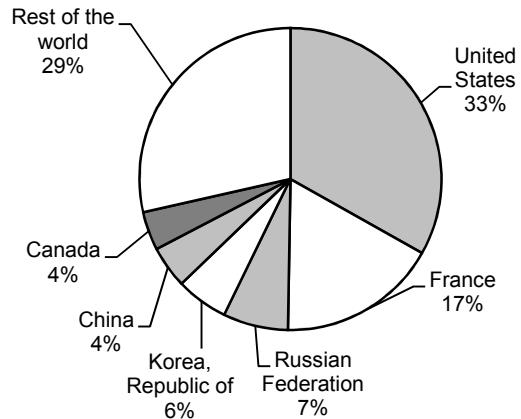


Figure 80: Major countries producing electricity from other sources, 2013

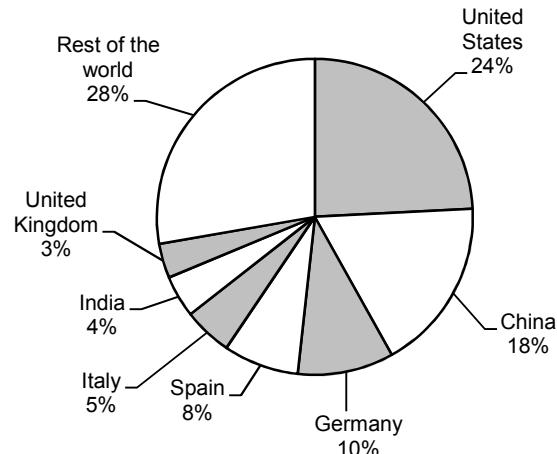


Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
World	2010	21,516,074	14,771,964	3,523,534	2,756,288	321,529	33,168	109,591
	2011	22,138,320	15,429,988	3,552,647	2,582,635	410,795	62,770	99,486
	2012	22,652,573	15,757,066	3,741,730	2,460,301	492,568	94,603	106,304
	2013	23,395,101	16,177,539	3,878,209	2,478,126	637,713	134,722	88,793
Africa	2010	677,886	547,466	113,716	12,099	2,369	301	1,935
	2011	700,686	568,288	114,169	13,502	2,441	644	1,642
	2012	722,810	591,349	114,753	11,954	2,512	497	1,745
	2013	735,652	594,104	121,059	14,106	3,681	629	2,074
Algeria	2010	45,734	45,560	174	..	..	..	..
	2011	51,224	50,722	502	..	..	..	..
	2012	57,397	56,775	622	..	..	..	..
	2013	59,890	59,560	330	..	..	..	..
Angola	2010	5,449	1,746	3,703	..	..	..	..
	2011	5,651	1,644	4,007	..	..	..	..
	2012	5,613	1,633	3,980	..	..	..	..
	2013	5,995	1,744	4,251	..	..	..	..
Benin	2010	150	150	..	..	..	..	..
	2011	155	155	..	..	..	..	..
	2012	163	163	..	..	..	..	..
	2013	173	173	..	..	..	..	..
Botswana	2010	532	532	..	..	..	..	..
	2011	437	437	..	..	..	..	..
	2012	251	250	..	..	..	1	..
	2013	761	760	..	..	..	1	..
Burkina Faso	2010	565	448	118	..	..	..	..
	2011	530	448	82	..	..	..	..
	2012	626	529	97	..	..	..	..
	2013	*731	*625	106	..	..	..	..
Burundi	2010	142	18	124	..	..	..	..
	2011	141	13	128	..	..	..	..
	2012	142	3	139	..	..	..	..
	2013	159	21	138	..	..	..	..
Cabo Verde	2010	347	343	..	..	2	2	..
	2011	362	337	..	..	16	9	..
	2012	371	302	..	..	61	7	..
	2013	391	308	..	..	76	7	..
Cameroon	2010	5,899	1,639	4,260	..	..	..	..
	2011	5,943	1,546	4,397	..	..	..	..
	2012	6,263	1,664	4,599	..	..	..	..
	2013	6,849	1,994	4,855	..	..	..	..
Central African Rep.	2010	*160	*25	*135	..	..	..	..
	2011	*174	*27	*147	..	..	..	..
	2012	*177	*27	*150	..	..	..	..
	2013	*181	*26	*155	..	..	..	..
Chad	2010	200	200	..	..	..	..	..
	2011	*218	*218	..	..	..	..	..
	2012	205	205	..	..	..	..	..
	2013	*205	*205	..	..	..	..	..
Comoros	2010	*43	*38	*5	..	..	..	..
	2011	*43	*38	*5	..	..	..	..
	2012	*43	*38	*5	..	..	..	..
	2013	*43	*38	*5	..	..	..	..
Congo	2010	782	352	430	..	..	..	..
	2011	1,293	502	791	..	..	..	..
	2012	1,709	722	987	..	..	..	..
	2013	1,768	747	1,021	..	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
1,553,650	1,439,448	91,094	23,108	19,962,424	13,332,517	3,432,440	2,756,288	441,180
1,673,995	1,544,564	97,895	31,537	20,464,325	13,885,424	3,454,752	2,582,635	541,513
1,718,288	1,579,221	97,697	41,370	20,934,285	14,177,845	3,644,033	2,460,301	652,105
1,872,627	1,707,206	101,801	63,619	21,522,475	14,470,333	3,776,408	2,478,126	797,609
28,100	26,362	1,256	482	649,786	521,105	112,460	12,099	4,123
33,054	31,590	1,264	201	667,631	536,699	112,905	13,502	4,526
36,619	35,207	1,181	231	686,190	556,142	113,572	11,954	4,523
36,894	35,385	1,198	311	698,758	558,718	119,861	14,106	6,073
561	561	..	..	45,173	44,999	174	..	..
2,352	2,352	..	..	48,872	48,370	502	..	..
3,311	3,311	..	..	54,086	53,464	622	..	..
3,742	3,742	..	..	56,148	55,818	330	..	..
345	345	..	..	5,104	1,401	3,703	..	..
325	325	..	..	5,326	1,319	4,007	..	..
323	323	..	..	5,290	1,310	3,980	..	..
345	345	..	..	5,650	1,399	4,251	..	..
27	27	..	..	123	123	..	..	..
28	28	..	..	127	127	..	..	..
29	29	..	..	134	134	..	..	..
31	31	..	..	142	142	..	..	..
..	..	..	..	532	532	..	..	..
..	..	..	..	437	437	..	..	..
..	..	..	..	251	250	..	..	1
..	..	..	..	761	760	..	..	1
..	..	..	..	565	448	118	..	..
88	88	..	..	442	360	82	..	..
147	147	..	..	479	382	97	..	..
*198	*198	..	..	*533	*427	106	..	..
..	..	..	..	142	18	124	..	..
..	..	..	..	141	13	128	..	..
..	..	..	..	142	3	139	..	..
..	..	..	..	159	21	138	..	..
*1	*1	..	..	346	342	..	..	4
0	0	..	..	362	337	..	..	25
0	0	..	..	371	302	..	..	69
0	0	..	..	391	308	..	..	83
1,269	1,269	..	..	4,630	370	4,260	..	..
1,194	1,194	..	..	4,749	352	4,397	..	..
1,295	1,295	..	..	4,968	369	4,599	..	..
1,607	1,607	..	..	5,242	387	4,855	..	..
..	..	..	..	*160	*25	*135	..	..
..	..	..	..	*174	*27	*147	..	..
..	..	..	..	*177	*27	*150	..	..
..	..	..	..	*181	*26	*155	..	..
..	..	..	..	200	200	..	..	..
..	..	..	..	*218	*218	..	..	..
..	..	..	..	205	205	..	..	..
..	..	..	..	*205	*205	..	..	..
..	..	..	..	*43	*38	*5	..	..
..	..	..	..	*43	*38	*5	..	..
..	..	..	..	*43	*38	*5	..	..
..	..	..	..	*43	*38	*5	..	..
343	343	..	..	439	9	430	..	..
493	493	..	..	800	9	791	..	..
713	713	..	..	996	9	987	..	..
738	738	..	..	1,030	9	1,021	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Côte d'Ivoire	2010	5,965	4,347	1,618	..	..	..	..
	2011	6,099	4,325	1,774	..	..	..	..
	2012	7,016	5,227	1,789	..	..	..	..
	2013	7,567	5,840	1,727	..	..	..	..
Dem. Rep. of the Congo	2010	7,881	35	7,846	..	..	..	..
	2011	7,875	35	7,840	..	..	..	..
	2012	7,956	35	7,921	..	..	..	..
	2013	8,627	35	8,592	..	..	..	..
Djibouti	2010	*379	*379	..	..	..	..	..
	2011	*387	*387	..	..	..	..	..
	2012	393	393	..	..	..	..	..
	2013	402	402	..	..	..	..	..
Egypt	2010	150,486	135,736	13,046	..	1,498	206	..
	2011	161,162	146,224	12,934	..	1,525	479	..
	2012	164,628	150,010	13,121	..	1,260	237	..
	2013	168,050	153,252	13,352	..	1,332	114	..
Equatorial Guinea	2010	*102	*95	*7	..	..	..	..
	2011	*104	*97	*7	..	..	..	..
	2012	*107	*100	*7	..	..	..	..
	2013	*110	*103	*7	..	..	..	..
Eritrea	2010	311	309	..	..	..	2	..
	2011	337	335	..	..	..	2	..
	2012	359	357	..	..	..	2	..
	2013	363	361	..	..	..	2	..
Ethiopia	2010	4,980	31	4,931	..	..	..	18
	2011	6,336	37	6,262	..	29	..	8
	2012	7,608	12	7,388	..	192	..	16
	2013	8,719	8	8,338	..	356	..	17
Gabon	2010	1,963	1,056	907	..	..	..	..
	2011	2,057	1,217	840	..	..	..	..
	2012	2,198	1,290	908	..	..	..	..
	2013	2,400	1,500	900	..	..	..	..
Gambia	2010	*245	*245	..	..	..	..	..
	2011	*256	*256	..	..	..	..	..
	2012	*266	*266	..	..	..	..	..
	2013	*261	*261	..	..	..	..	..
Ghana	2010	10,167	3,171	6,996	..	..	..	..
	2011	11,366	3,805	7,561	..	..	..	..
	2012	12,204	4,133	8,071	..	..	..	..
	2013	13,047	4,814	8,233	..	..	..	..
Guinea	2010	957	*483	474	..	..	..	..
	2011	890	*476	414	..	..	..	..
	2012	1,069	*579	490	..	..	..	..
	2013	995	*513	482	..	..	..	..
Guinea-Bissau	2010	*32	*32	..	..	..	..	..
	2011	*33	*33	..	..	..	..	..
	2012	*34	*34	..	..	..	..	..
	2013	*35	*35	..	..	..	..	..
Kenya	2010	6,976	2,293	3,224	..	17	..	1,442
	2011	7,560	2,882	3,217	..	18	..	1,444
	2012	7,852	2,305	4,016	..	14	..	1,516
	2013	8,448	2,218	4,435	..	15	..	1,781
Lesotho	2010	567	..	567	..	..	..	..
	2011	549	..	549	..	..	..	..
	2012	485	..	485	..	..	..	..
	2013	515	..	515	..	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
81	81	..	..	5,884	4,266	1,618	..	..
65	65	..	..	6,034	4,260	1,774	..	..
68	68	..	..	6,948	5,159	1,789	..	..
70	70	..	..	7,497	5,770	1,727	..	..
322	29	293	..	7,559	6	7,553	..	..
342	29	313	..	7,533	6	7,527	..	..
364	29	335	..	7,592	6	7,586	..	..
392	29	363	..	8,235	6	8,229	..	..
..	..	..	..	*379	*379	..	..	..
..	..	..	..	*387	*387	..	..	..
..	..	..	..	393	393	..	..	..
..	..	..	..	402	402	..	..	..
3,690	3,690	..	..	146,796	132,046	13,046	..	1,704
3,756	3,756	..	..	157,406	142,468	12,934	..	2,004
5,405	5,405	..	..	159,223	144,605	13,121	..	1,497
5,502	5,502	..	..	162,548	147,750	13,352	..	1,446
..	..	..	..	*102	*95	*7	..	..
..	..	..	..	*104	*97	*7	..	..
..	..	..	..	*107	*100	*7	..	..
..	..	..	..	*110	*103	*7	..	..
11	11	..	..	300	298	..	..	2
11	11	..	..	326	324	..	..	2
11	11	..	..	348	346	..	..	2
11	11	..	..	352	350	..	..	2
..	..	..	..	4,980	31	4,931	..	18
..	..	..	..	6,336	37	6,262	..	37
..	..	..	..	7,608	12	7,388	..	208
..	..	..	..	8,719	8	8,338	..	373
211	211	..	..	1,752	845	907	..	..
219	219	..	..	1,838	998	840	..	..
232	232	..	..	1,966	1,058	908	..	..
251	251	..	..	2,149	1,249	900	..	..
*28	*28	..	..	*217	*217	..	..	..
*30	*30	..	..	*226	*226	..	..	..
*31	*31	..	..	*236	*236	..	..	..
*31	*31	..	..	*230	*230	..	..	..
138	138	..	..	10,029	3,033	6,996	..	..
*166	*166	..	..	11,200	3,639	7,561	..	..
*180	*180	..	..	12,024	3,953	8,071	..	..
*180	*180	..	..	12,867	4,634	8,233	..	..
*343	*343	..	..	614	140	474	..	..
*342	*342	..	..	548	134	414	..	..
*342	*342	..	..	727	237	490	..	..
*342	*342	..	..	653	171	482	..	..
*7	*7	..	..	*25	*25	..	..	..
*7	*7	..	..	*26	*26	..	..	..
*8	*8	..	..	*26	*26	..	..	..
*8	*8	..	..	*27	*27	..	..	..
..	..	..	..	6,976	2,293	3,224	..	1,459
..	..	..	..	7,560	2,882	3,217	..	1,461
..	..	..	..	7,852	2,305	4,016	..	1,530
..	..	..	..	8,448	2,218	4,435	..	1,796
..	..	..	..	567	..	567	..	..
..	..	..	..	549	..	549	..	..
..	..	..	..	485	..	485	..	..
..	..	..	..	515	..	515	..	..

Table 32**Production of electricity - by type**

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Liberia	2010	*250	*250	..	..	..	..	..
	2011	*300	*300	..	..	..	..	..
	2012	*300	*300	..	..	..	..	..
	2013	*300	*300	..	..	..	..	..
Libya	2010	32,753	32,753	..	..	..	..	..
	2011	27,614	27,614	..	..	..	..	..
	2012	33,980	33,980	..	..	..	..	..
	2013	30,283	30,283	..	..	..	..	..
Madagascar	2010	1,360	649	711	..	..	0	..
	2011	1,438	747	690	..	..	0	..
	2012	1,520	765	755	..	..	0	..
	2013	1,594	784	809	..	..	*1	..
Malawi	2010	2,024	*181	1,843	..	..	..	..
	2011	1,979	*181	1,798	..	..	..	..
	2012	*1,666	*181	*1,485	..	..	..	..
	2013	*1,666	*181	*1,485	..	..	..	..
Mali	2010	1,292	597	695	..	..	..	..
	2011	1,381	654	727	..	..	..	..
	2012	1,363	579	783	..	..	..	..
	2013	1,510	532	978	..	..	..	..
Mauritania	2010	727	727	..	..	..	..	..
	2011	744	744	..	..	..	..	..
	2012	824	824	..	..	..	..	..
	2013	790	790	..	..	..	..	..
Mauritius	2010	2,690	2,586	101	..	3	..	..
	2011	2,731	2,671	57	..	3	..	..
	2012	2,797	2,718	74	..	4	1	..
	2013	2,888	2,786	95	..	4	3	..
Morocco	2010	22,853	18,563	3,631	..	659	..	..
	2011	24,364	21,533	2,139	..	692	..	..
	2012	26,495	23,951	1,816	..	728	..	..
	2013	28,134	23,663	2,990	..	1,481	..	..
Mozambique	2010	16,666	19	16,647	..	..	..	..
	2011	16,830	20	16,810	..	..	..	..
	2012	15,166	21	15,145	..	..	..	..
	2013	15,645	840	14,805	..	..	..	..
Namibia	2010	1,488	224	1,264	..	..	..	..
	2011	1,607	9	1,598	..	..	..	..
	2012	1,538	67	1,471	..	..	..	..
	2013	1,712	72	1,640	..	..	..	..
Niger	2010	292	292	..	..	..	0	..
	2011	324	324	..	..	..	0	..
	2012	392	392	..	..	..	0	..
	2013	438	438	..	..	..	0	..
Nigeria	2010	26,121	19,747	6,374	..	..	..	..
	2011	27,034	21,151	5,883	..	..	..	..
	2012	28,706	23,047	5,659	..	..	..	..
	2013	28,961	23,635	5,326	..	..	..	..
Réunion	2010	2,700	2,065	542	..	17	76	..
	2011	2,750	2,195	401	..	12	142	..
	2012	2,812	2,114	488	..	19	191	..
	2013	2,813	2,017	557	..	14	225	..
Rwanda	2010	281	169	112	..	..	0	..
	2011	346	196	149	..	..	0	..
	2012	393	211	182	..	..	0	..
	2013	413	265	148	..	..	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
*200	*200	..	..	*50	*50	..	..	..
*200	*200	..	..	*100	*100	..	..	..
*200	*200	..	..	*100	*100	..	..	..
*200	*200	..	..	*100	*100	..	..	..
..	..	..	..	32,753	32,753	..	..	..
..	..	..	..	27,614	27,614	..	..	..
..	..	..	..	33,980	33,980	..	..	..
..	..	..	..	30,283	30,283	..	..	..
*170	*170	..	..	1,190	479	711	..	0
*170	*170	..	..	1,268	577	690	..	0
*170	*170	..	..	1,350	595	755	..	0
*170	*170	..	..	1,424	614	809	..	*1
*180	*176	*4	..	1,844	*5	1,839	..	..
*181	*176	*5	..	1,798	*5	1,793	..	..
*181	*176	*5	..	*1,485	*5	*1,480	..	..
*181	*176	*5	..	*1,485	*5	*1,480	..	..
52	52	..	..	1,240	545	695	..	..
*52	*52	..	..	1,329	602	727	..	..
*52	*52	..	..	1,311	527	783	..	..
52	52	..	..	1,458	480	978	..	..
301	301	..	..	426	426	..	..	..
309	309	..	..	436	436	..	..	..
323	323	..	..	501	501	..	..	..
320	320	..	..	470	470	..	..	..
1,590	1,590	..	..	1,100	996	101	..	3
1,601	1,601	..	..	1,130	1,070	57	..	3
1,651	1,650	..	1	1,146	1,068	74	..	4
1,710	1,707	..	3	1,178	1,079	95	..	4
153	153	..	..	22,700	18,410	3,631	..	659
217	217	..	..	24,147	21,316	2,139	..	692
139	139	..	..	26,356	23,812	1,816	..	728
1,180	1,180	..	..	26,954	22,483	2,990	..	1,481
357	..	357	..	16,309	19	16,290	..	..
348	..	348	..	16,482	20	16,462	..	..
263	..	263	..	14,903	21	14,882	..	..
263	..	263	..	15,382	840	14,542	..	..
..	..	..	..	1,488	224	1,264	..	..
..	..	..	..	1,607	9	1,598	..	..
..	..	..	..	1,538	67	1,471	..	..
..	..	..	..	1,712	72	1,640	..	..
23	23	..	0	269	269	..	..	..
54	54	..	0	270	270	..	..	..
54	54	..	0	338	338	..	..	..
39	39	..	0	399	399	..	..	..
6,765	6,635	130	..	19,356	13,112	6,244	..	..
7,002	6,882	120	..	20,032	14,269	5,763	..	..
7,435	7,320	115	..	21,271	15,727	5,544	..	..
5,271	5,162	109	..	23,690	18,473	5,217	..	..
..	..	..	..	2,700	2,065	542	..	93
..	..	..	..	2,750	2,195	401	..	154
..	..	..	..	2,812	2,114	488	..	209
..	..	..	..	2,813	2,017	557	..	239
..	..	..	..	281	169	112	..	0
..	..	..	..	346	196	149	..	0
..	..	..	..	393	211	182	..	0
..	..	..	..	413	265	148	..	0

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Sao Tome and Principe	2010	57	52	5	..	..	..	..
	2011	*60	*54	*6	..	..	..	..
	2012	*67	*60	*7	..	..	..	..
	2013	*67	*60	*7	..	..	..	..
Senegal	2010	2,618	2,618	..	..	..	0	..
	2011	2,560	2,560	..	..	..	0	..
	2012	2,917	2,917	..	..	..	0	..
	2013	3,403	3,335	..	..	..	4	64
Seychelles	2010	301	301	..	..	..	..	..
	2011	324	324	..	..	..	..	..
	2012	336	336	..	..	..	..	..
	2013	354	347	..	..	7	..	..
Sierra Leone	2010	*171	22	*149	..	..	..	..
	2011	176	22	153	..	..	..	..
	2012	179	61	118	..	..	..	..
	2013	164	59	105	..	..	..	..
Somalia	2010	327	327	..	..	..	..	..
	2011	334	334	..	..	..	..	..
	2012	340	340	..	..	..	..	..
	2013	350	350	..	..	..	..	..
South Africa	2010	259,608	242,401	5,067	12,099	34	7	..
	2011	262,538	243,979	5,019	13,502	37	1	..
	2012	257,919	241,678	4,211	11,954	37	39	..
	2013	256,073	237,647	4,040	14,106	37	243	..
South Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	445	443	..	..	..	2	..
	2013	472	470	..	..	..	2	..
St. Helena and Depend.	2010	9	8	..	..	1	..	..
	2011	9	8	..	..	1	..	..
	2012	10	9	..	..	1	0	..
	2013	11	10	..	..	1	0	..
Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	9,510	2,891	6,619	..	..	..	..
	2013	10,607	2,290	8,317	..	..	..	..
Sudan (former)	2010	7,499	1,297	6,202	..	..	..	..
	2011	8,455	1,988	6,467	..	..	..	..
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Swaziland	2010	560	*272	288	..	..	..	..
	2011	654	*321	333	..	..	..	..
	2012	*622	*350	272	..	..	..	..
	2013	*590	*350	240	..	..	..	..
Togo	2010	179	86	93	..	..	..	..
	2011	128	22	106	..	..	..	..
	2012	111	22	89	..	..	..	..
	2013	111	22	89	..	..	..	..
Tunisia	2010	16,369	15,705	50	..	139	0	475
	2011	16,497	16,142	54	..	109	2	190
	2012	18,059	17,537	110	..	196	3	213
	2013	18,382	17,740	60	..	358	12	212
Uganda	2010	*2,456	*851	*1,605	..	..	..	..
	2011	*2,588	897	*1,691	..	..	..	..
	2012	*2,640	*915	*1,725	..	..	..	..
	2013	*2,861	*915	*1,946	..	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	57	52	5	..	..
..	..	..	..	*60	*54	*6	..	..
..	..	..	..	*67	*60	*7	..	..
..	..	..	..	*67	*60	*7	..	..
818	818	..	0	1,800	1,800	..	..	..
1,203	1,203	..	0	1,357	1,357	..	..	..
1,496	1,496	..	0	1,421	1,421	..	..	..
673	605	..	68	2,730	2,730	..	..	..
..	..	..	..	301	301	..	..	..
..	..	..	..	324	324	..	..	..
..	..	..	..	336	336	..	..	..
..	..	..	..	354	347	..	..	7
..	..	..	..	*171	22	*149	..	..
..	..	..	..	176	22	153	..	..
..	..	..	..	179	61	118	..	..
..	..	..	..	164	59	105	..	..
..	..	..	..	327	327	..	..	..
..	..	..	..	334	334	..	..	..
..	..	..	..	340	340	..	..	..
..	..	..	..	350	350	..	..	..
8,344	8,190	154	..	251,264	234,211	4,913	12,099	41
10,792	10,639	153	..	251,746	233,340	4,866	13,502	38
10,403	10,275	128	..	247,516	231,403	4,083	11,954	76
11,222	11,099	123	..	244,851	226,548	3,917	14,106	280
..
234	233	..	1	211	210	..	..	1
246	245	..	1	226	225	..	..	1
..	..	..	..	9	8	..	..	1
..	..	..	..	9	8	..	..	1
..	..	..	..	10	9	..	..	1
..	..	..	..	11	10	..	..	1
..
*74	*74	..	..	9,436	2,817	6,619	..	..
*320	*320	..	..	10,287	1,970	8,317	..	..
..	..	..	..	7,499	1,297	6,202	..	..
..	..	..	..	8,455	1,988	6,467	..	..
..
..
*272	*272	..	..	288	0	288	..	..
*321	*321	..	..	333	0	333	..	..
*342	*342	..	..	280	8	272	..	..
*342	*342	..	..	248	*8	240	..	..
10	10	..	..	169	76	93	..	..
11	11	..	..	117	11	106	..	..
11	11	..	..	100	11	89	..	..
11	11	..	..	100	11	89	..	..
1,023	548	..	475	15,346	15,157	50	..	139
696	504	..	192	15,801	15,638	54	..	109
634	418	..	216	17,425	17,119	110	..	196
745	521	..	224	17,637	17,219	60	..	358
*81	*29	*52	..	*2,375	*823	*1,553	..	..
*85	*30	*55	..	*2,503	867	*1,636	..	..
*87	*31	*56	..	*2,553	*884	*1,669	..	..
*87	*31	*56	..	*2,774	*884	*1,890	..	..

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	2010	5,274	2,566	2,701	..	..	7	..
	2011	5,093	3,091	1,993	..	..	9	..
	2012	5,589	3,809	1,767	..	..	13	..
	2013	5,574	3,842	1,717	..	..	15	..
Zambia	2010	11,308	35	11,273	..	..	..	..
	2011	11,482	46	11,436	..	..	..	..
	2012	11,856	42	11,814	..	..	..	..
	2013	*13,318	*38	*13,280	..	..	..	..
Zimbabwe	2010	8,640	2,841	5,799	..	..	..	..
	2011	9,165	3,964	5,201	..	..	..	..
	2012	9,124	3,737	5,387	..	..	..	..
	2013	9,483	4,501	4,982	..	..	..	..
America, North	2010	5,375,073	3,602,638	698,469	935,468	105,849	4,180	28,470
	2011	5,407,396	3,533,222	780,090	925,083	133,706	6,581	28,714
	2012	5,350,448	3,512,178	735,662	904,761	158,469	10,562	28,816
	2013	5,392,368	3,482,419	735,974	936,593	187,965	16,307	33,111
Anguilla	2010	99	99	..	..	..	..	..
	2011	95	95	..	..	..	..	..
	2012	90	90	..	..	..	..	..
	2013	89	89	..	..	..	..	..
Antigua and Barbuda	2010	*326	*326	..	..	..	..	..
	2011	*325	*325	..	..	..	..	..
	2012	*327	*327	..	..	..	..	..
	2013	*330	*330	..	..	..	..	..
Aruba	2010	940	834	..	..	107	..	..
	2011	931	818	..	..	113	..	..
	2012	915	778	..	..	136	..	..
	2013	*928	*790	..	..	*138	..	..
Bahamas	2010	2,011	2,011	..	..	..	..	..
	2011	2,054	2,054	..	..	..	..	..
	2012	1,901	1,901	..	..	..	..	..
	2013	1,885	1,885	..	..	..	..	..
Barbados	2010	1,028	1,028	..	..	..	..	..
	2011	1,049	1,049	..	..	..	..	..
	2012	1,129	1,129	..	..	..	..	..
	2013	1,016	1,016	..	..	..	..	..
Belize	2010	415	152	263	..	..	..	..
	2011	384	140	245	..	..	..	..
	2012	*424	*150	*275	..	..	..	..
	2013	*371	*131	*240	..	..	..	..
Bermuda	2010	742	742	..	..	..	..	..
	2011	*726	*726	..	..	..	..	..
	2012	*692	*692	..	..	..	..	..
	2013	*673	*673	..	..	..	..	..
Bonaire, St Eustatius, Saba	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	*119	*119	..	..	..	..	..
	2013	*122	*122	..	..	..	..	..
British Virgin Islands	2010	*128	*128	..	..	..	..	..
	2011	131	131	..	..	..	..	..
	2012	*130	*130	..	..	..	..	..
	2013	*130	*130	..	..	..	..	..
Canada	2010	599,082	148,094	351,461	90,658	8,724	117	28
	2011	633,070	153,211	375,797	93,589	10,187	260	26
	2012	633,187	146,329	380,340	94,862	11,310	319	27
	2013	651,919	145,296	391,861	102,789	11,594	364	15

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
7	..	..	7	5,267	2,566	2,701	..	..
9	..	..	9	5,084	3,091	1,993	..	..
13	..	..	13	5,576	3,809	1,767	..	..
15	..	..	15	5,559	3,842	1,717	..	..
272	6	266	..	11,036	29	11,007	..	..
276	*6	270	..	11,206	40	11,166	..	..
285	*6	279	..	11,571	36	11,535	..	..
*285	*6	*279	..	*13,033	*32	*13,001	..	..
105	105	..	..	8,535	2,736	5,799	..	..
110	110	..	..	9,055	3,854	5,201	..	..
113	113	..	..	9,011	3,624	5,387	..	..
114	114	..	..	9,369	4,387	4,982	..	..
252,636	216,615	30,784	5,237	5,122,438	3,386,023	667,685	935,468	133,263
261,172	219,767	34,152	7,253	5,146,224	3,313,455	745,938	925,083	161,748
273,436	227,471	36,353	9,612	5,077,012	3,284,707	699,309	904,761	188,235
285,199	234,534	36,719	13,946	5,107,169	3,247,885	699,254	936,593	223,437
..	..	..	..	99	99	..	..	..
..	..	..	..	95	95	..	..	..
..	..	..	..	90	90	..	..	..
..	..	..	..	89	89	..	..	..
*1	*1	..	..	*325	*325	..	..	..
*1	*1	..	..	*324	*324	..	..	..
*1	*1	..	..	*326	*326	..	..	..
*1	*1	..	..	*329	*329	..	..	..
..	..	..	..	940	834	..	..	107
..	..	..	..	931	818	..	..	113
..	..	..	..	915	778	..	..	136
..	..	..	..	*928	*790	..	..	*138
*74	*74	..	..	1,937	1,937	..	..	..
*74	*74	..	..	1,980	1,980	..	..	..
*74	*74	..	..	1,827	1,827	..	..	..
74	74	..	..	1,811	1,811	..	..	..
..	..	..	..	1,028	1,028	..	..	..
*5	*5	..	..	1,044	1,044	..	..	..
*4	*4	..	..	1,125	1,125	..	..	..
*3	*3	..	..	1,013	1,013	..	..	..
81	81	..	..	334	71	263	..	..
71	71	..	..	314	*69	245	..	..
*72	*72	..	..	*352	*77	*275	..	..
*63	*63	..	..	*308	*68	*240	..	..
12	12	..	..	730	730	..	..	..
12	12	..	..	*714	*714	..	..	..
*12	*12	..	..	*680	*680	..	..	..
*12	*12	..	..	*661	*661	..	..	..
..
..	..	..	..	*119	*119	..	..	..
..	..	..	..	*122	*122	..	..	..
..	..	..	..	*128	*128	..	..	..
..	..	..	..	131	131	..	..	..
..	..	..	..	*130	*130	..	..	..
..	..	..	..	*130	*130	..	..	..
49,908	22,699	27,207	2	549,174	125,395	324,254	90,658	8,867
56,397	25,881	30,515	1	576,673	127,330	345,282	93,589	10,472
56,156	24,118	32,034	4	577,031	122,211	348,306	94,862	11,652
57,244	25,980	31,246	18	594,675	119,316	360,615	102,789	11,955

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	2010	624	624	..	..	..	..	..
	2011	626	626	..	..	..	..	..
	2012	607	607	..	..	..	..	..
	2013	616	616	..	..	..	..	..
Costa Rica	2010	9,583	786	7,262	..	359	0	1,176
	2011	9,831	1,002	7,135	..	414	0	1,280
	2012	10,174	1,009	7,233	..	528	1	1,403
	2013	12,243	1,379	8,208	..	924	3	1,729
Cuba	2010	17,387	17,290	97	..	..	..	..
	2011	17,759	17,660	99	..	..	..	..
	2012	18,432	18,321	111	..	..	..	..
	2013	19,140	19,012	127	..	..	..	..
Curaçao	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	933	933	..	..	..	..	..
	2013	917	917	..	..	..	..	..
Dominica	2010	99	76	23	..	..	..	..
	2011	100	65	36	..	..	..	..
	2012	102	75	27	..	..	..	..
	2013	101	64	37	..	..	..	..
Dominican Republic	2010	16,116	14,700	1,416	..	0	..	..
	2011	16,701	15,174	1,513	..	14	..	..
	2012	17,746	15,867	1,783	..	96	..	..
	2013	18,799	16,685	1,872	..	243	..	..
El Salvador	2010	5,985	2,376	2,084	..	..	..	1,525
	2011	5,837	2,292	2,011	..	..	..	1,534
	2012	5,972	2,610	1,842	..	..	..	1,520
	2013	5,896	2,568	1,785	..	..	..	1,543
Greenland	2010	401	120	281	..	..	..	..
	2011	*412	*96	*316	..	..	..	..
	2012	416	*93	323	..	..	..	..
	2013	416	*91	325	..	..	..	..
Grenada	2010	209	209	..	..	..	..	..
	2011	204	204	..	..	..	..	..
	2012	200	200	..	..	..	..	..
	2013	197	197	..	..	..	..	..
Guadeloupe	2010	*1,809	*1,634	*14	..	*54	*55	*52
	2011	*1,767	*1,555	*14	..	*53	*94	*51
	2012	*1,805	*1,589	*14	..	*54	*96	*52
	2013	*1,809	*1,541	*20	..	*60	*103	*85
Guatemala	2010	8,893	4,773	3,849	..	..	..	271
	2011	9,181	4,759	4,176	..	..	..	246
	2012	9,412	4,708	4,458	..	..	..	246
	2013	9,826	4,959	4,654	..	..	..	212
Haiti	2010	587	410	177	..	..	..	..
	2011	974	853	121	..	..	..	..
	2012	1,148	927	221	..	..	..	..
	2013	1,105	964	141	..	..	..	..
Honduras	2010	6,777	3,697	3,080	..	..	..	..
	2011	7,653	4,721	2,815	..	117	..	..
	2012	7,740	4,615	2,787	..	338	..	..
	2013	8,074	5,025	2,739	..	310	..	..
Jamaica	2010	4,217	4,012	152	..	53	..	..
	2011	4,171	3,926	152	..	92	..	..
	2012	4,156	3,898	151	..	108	..	..
	2013	4,256	4,017	124	..	115	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	624	624	..	..	..
..	..	..	..	626	626	..	..	..
..	..	..	..	607	607	..	..	..
..	..	..	..	616	616	..	..	..
2,041	145	1,390	507	7,542	641	5,872	..	1,028
1,995	139	1,304	552	7,837	863	5,831	..	1,143
2,186	179	1,357	651	7,988	830	5,877	..	1,281
*2,191	183	*1,357	*651	10,052	1,196	6,851	..	2,005
803	803	..	..	16,584	16,487	97	..	..
815	815	..	..	16,944	16,845	99	..	..
836	836	..	..	17,596	17,485	111	..	..
877	877	..	..	18,263	18,135	127	..	..
..
..	..	..	..	439	439	..	..	..
494	494	..	..	431	431	..	..	..
..	..	..	..	99	76	23	..	..
..	..	..	..	100	65	36	..	..
..	..	..	..	102	75	27	..	..
..	..	..	..	101	64	37	..	..
2,859	2,859	..	..	13,257	11,841	1,416	..	0
2,919	2,919	..	..	13,782	12,254	1,513	..	14
3,055	3,055	..	..	14,690	12,812	1,783	..	96
3,190	3,190	..	..	15,610	13,495	1,872	..	243
616	616	..	..	5,369	1,760	2,084	..	1,525
626	626	..	..	5,211	1,666	2,011	..	1,534
649	649	..	..	5,323	1,961	1,842	..	1,520
641	641	..	..	5,255	1,927	1,785	..	1,543
65	65	..	..	336	55	281	..	..
*56	*56	..	..	*356	*40	*316	..	..
*55	*55	..	..	361	*38	323	..	..
*54	*54	..	..	362	*37	325	..	..
..	..	..	..	209	209	..	..	..
..	..	..	..	204	204	..	..	..
..	..	..	..	200	200	..	..	..
..	..	..	..	197	197	..	..	..
..	..	..	..	*1,809	*1,634	*14	..	*161
..	..	..	..	*1,767	*1,555	*14	..	*198
..	..	..	..	*1,805	*1,589	*14	..	*202
..	..	..	..	*1,809	*1,541	*20	..	*248
733	711	22	..	8,160	4,062	3,827	..	271
687	665	22	..	8,494	4,094	4,154	..	246
712	689	23	..	8,700	4,019	4,435	..	246
657	634	23	..	9,169	4,326	4,631	..	212
..	..	..	..	587	410	177	..	..
31	31	..	..	943	822	121	..	..
48	48	..	..	1,100	879	221	..	..
50	50	..	..	1,055	914	141	..	..
12	12	..	..	6,765	3,685	3,080	..	..
483	483	..	..	7,170	4,238	2,815	..	117
509	509	..	..	7,231	4,106	2,787	..	338
531	531	..	..	7,543	4,494	2,739	..	310
1,409	1,356	..	53	2,807	2,656	152	..	..
1,411	1,319	..	92	2,760	2,607	152	..	..
1,542	1,434	..	108	2,615	2,464	151	..	..
1,914	1,799	..	115	2,343	2,218	124	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Martinique	2010	*1,808	*1,764	..	..	*2	*43	..
	2011	*1,764	*1,720	..	..	*2	*43	..
	2012	*1,780	*1,736	..	..	*2	*43	..
	2013	*1,764	*1,719	..	..	*2	*44	..
Mexico	2010	271,050	220,162	37,121	5,879	1,239	31	6,618
	2011	295,837	241,296	36,266	10,089	1,648	31	6,507
	2012	293,862	243,707	31,855	8,770	3,644	69	5,817
	2013	297,079	246,916	28,002	11,800	4,185	106	6,070
Montserrat	2010	*23	*23	..	..	..	..	..
	2011	*23	*23	..	..	..	..	..
	2012	*23	*23	..	..	..	..	..
	2013	*23	*23	..	..	..	..	..
Neth. Antilles (former)	2010	1,323	1,323	..	..	..	..	..
	2011	1,325	1,325	..	..	..	..	..
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Nicaragua	2010	3,659	2,690	504	..	163	..	302
	2011	3,824	2,896	444	..	211	..	273
	2012	4,031	2,759	419	..	330	..	523
	2013	4,163	2,466	456	..	562	..	679
Panama	2010	7,419	3,225	4,194	..	..	..	..
	2011	7,857	3,759	4,098	..	..	..	..
	2012	8,606	3,218	5,388	..	..	..	..
	2013	8,962	3,808	5,154	..	..	..	..
Puerto Rico	2010	23,497	23,365	133	..	..	..	..
	2011	22,507	22,358	150	..	..	..	..
	2012	22,556	22,429	125	..	..	2	..
	2013	21,743	21,509	91	..	118	26	..
Sint Maarten (Dutch part)	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	*281	*281	..	..	..	..	..
	2013	*287	*287	..	..	..	..	..
St. Kitts-Nevis	2010	190	190	..	..	..	..	..
	2011	*196	*196	..	..	..	..	..
	2012	204	204	..	..	..	..	..
	2013	*204	*204	..	..	..	..	..
St. Lucia	2010	381	381	..	..	..	..	..
	2011	385	385	..	..	..	..	..
	2012	385	385	..	..	..	..	..
	2013	383	383	..	..	..	..	..
St. Pierre-Miquelon	2010	45	44	..	..	1	..	..
	2011	45	44	..	..	1	..	..
	2012	43	43	..	..	1	..	..
	2013	47	46	..	..	*1	..	..
St. Vincent-Grenadines	2010	*142	*117	*24	..	..	..	..
	2011	*142	*118	*24	..	..	..	..
	2012	*144	*120	*24	..	..	..	..
	2013	*144	*120	*24	..	..	..	..
Trinidad and Tobago	2010	8,485	8,485	..	..	..	..	..
	2011	8,772	8,772	..	..	..	..	..
	2012	9,132	9,132	..	..	..	..	..
	2013	9,505	9,505	..	..	..	..	..
Turks and Caicos Islands	2010	*214	*214	..	..	..	..	..
	2011	*214	*214	..	..	..	..	..
	2012	*227	*227	..	..	..	..	..
	2013	*227	*227	..	..	..	..	..

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	..	..	*1,778	*1,734	..	..	*45
*30	*30	..	..	*1,734	*1,690	..	..	*45
*30	*30	..	..	*1,750	*1,706	..	..	*45
*30	*30	..	..	*1,734	*1,689	..	..	*46
28,513	27,027	382	1,104	242,537	193,135	36,739	5,879	6,784
29,478	27,686	470	1,322	266,359	213,610	35,796	10,089	6,864
32,159	29,654	538	1,967	261,703	214,053	31,317	8,770	7,563
38,506	35,484	558	2,464	258,573	211,432	27,444	11,800	7,897
..	..	..	..	*23	*23	..	..	..
..	..	..	..	*23	*23	..	..	..
..	..	..	..	*23	*23	..	..	..
..	..	..	..	*23	*23	..	..	..
701	701	..	..	622	622	..	..	..
702	702	..	..	623	623	..	..	..
..
..
429	429	..	..	3,230	2,261	504	..	465
419	419	..	..	3,405	2,477	444	..	484
502	501	1	..	3,529	2,258	418	..	853
535	534	1	..	3,628	1,932	455	..	1,241
22	22	..	..	7,397	3,203	4,194	..	..
23	23	..	..	7,834	3,736	4,098	..	..
26	26	..	..	8,580	3,192	5,388	..	..
33	33	..	..	8,929	3,775	5,154	..	..
*250	*250	..	..	23,247	23,115	133	..	..
*250	*250	..	..	22,257	22,108	150	..	..
*250	*250	..	..	22,306	22,179	125	..	2
*250	*250	..	..	21,493	21,259	91	..	144
..
..	..	..	..	*281	*281	..	..	..
..	..	..	..	*287	*287	..	..	..
*6	*6	..	..	184	184	..	..	..
*6	*6	..	..	*190	*190	..	..	..
*5	*5	..	..	199	199	..	..	..
*5	*5	..	..	*199	*199	..	..	..
..	..	..	..	381	381	..	..	..
..	..	..	..	385	385	..	..	..
..	..	..	..	385	385	..	..	..
..	..	..	..	383	383	..	..	..
..	..	..	..	45	44	..	..	1
..	..	..	..	45	44	..	..	1
..	..	..	..	43	43	..	..	1
..	..	..	..	47	46	..	..	*1
..	..	..	..	*142	*117	*24	..	..
..	..	..	..	*142	*118	*24	..	..
..	..	..	..	*144	*120	*24	..	..
..	..	..	..	*144	*120	*24	..	..
70	70	..	..	8,415	8,415	..	..	..
72	72	..	..	8,700	8,700	..	..	..
75	75	..	..	9,057	9,057	..	..	..
78	78	..	..	9,427	9,427	..	..	..
..	..	..	..	*214	*214	..	..	..
..	..	..	..	*214	*214	..	..	..
..	..	..	..	*227	*227	..	..	..
..	..	..	..	*227	*227	..	..	..

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	2010	4,378,422	3,135,578	286,333	838,931	95,148	3,934	18,498
	2011	4,349,571	3,037,683	344,679	821,405	120,854	6,153	18,797
	2012	4,290,547	3,019,949	298,287	801,129	141,922	10,032	19,228
	2013	4,306,160	2,985,891	290,113	822,004	169,713	15,661	22,778
United States Virgin Is.	2010	958	958	..	..	..	..	..
	2011	951	951	..	..	..	..	..
	2012	872	872	..	..	..	..	..
	2013	820	820	..	..	..	..	..
America, South	2010	1,010,830	315,399	670,975	21,694	2,647	3	112
	2011	1,055,075	314,508	715,303	22,030	3,230	5	0
	2012	1,097,749	370,163	699,025	22,433	6,007	122	0
	2013	1,130,056	422,023	678,081	21,657	7,857	273	164
Argentina	2010	125,594	84,480	33,918	7,171	25	0	..
	2011	129,892	91,592	31,901	6,371	26	2	..
	2012	135,207	98,719	29,716	6,395	369	8	..
	2013	140,863	100,758	33,422	6,207	461	15	..
Bolivia (Plur. State of)	2010	6,777	4,592	2,182	..	..	3	..
	2011	7,219	4,869	2,347	..	..	3	..
	2012	7,661	5,306	2,352	..	..	3	..
	2013	8,063	5,525	2,535	..	..	3	..
Brazil	2010	515,798	95,809	403,289	14,523	2,177	..	..
	2011	531,759	85,062	428,333	15,659	2,705	..	..
	2012	552,498	116,068	415,342	16,038	5,050	..	..
	2013	570,836	157,810	390,992	15,450	6,579	5	..
Chile	2010	60,434	38,273	21,717	..	332	..	112
	2011	65,713	44,366	21,009	..	338	..	0
	2012	69,751	49,184	20,158	..	409	..	0
	2013	73,065	52,602	19,737	..	554	8	164
Colombia	2010	60,234	19,669	40,527	..	38	..	..
	2011	66,983	17,515	49,427	..	41	..	..
	2012	68,742	20,690	47,997	..	55	..	..
	2013	71,419	26,423	44,938	..	58	..	..
Ecuador	2010	19,509	10,870	8,636	..	3	..	..
	2011	20,544	9,408	11,133	..	3	0	..
	2012	22,847	10,607	12,238	..	2	0	..
	2013	23,259	12,161	11,039	..	57	2	..
Falkland Is. (Malvinas)	2010	*18	*12	..	..	*6	..	..
	2011	*18	*12	..	..	*6	..	..
	2012	*18	*12	..	..	*6	..	..
	2013	*18	*12	..	..	*6	..	..
French Guiana	2010	*823	*379	*444	..	..	0	..
	2011	*836	*377	*459	..	..	0	..
	2012	853	273	529	..	..	51	..
	2013	858	326	489	..	..	43	..
Guyana	2010	868	868	..	..	..	..	..
	2011	910	910	..	..	..	..	..
	2012	942	942	..	..	..	..	..
	2013	962	962	..	..	..	..	..
Paraguay	2010	54,066	1	54,065	..	..	..	..
	2011	57,625	1	57,624	..	..	..	..
	2012	60,237	3	60,234	..	..	..	..
	2013	60,381	3	60,378	..	..	..	..
Peru	2010	35,890	15,847	20,042	..	1	0	..
	2011	*39,223	17,248	*21,974	..	1	0	..
	2012	39,909	*17,816	22,032	..	1	60	..
	2013	43,330	20,812	22,320	..	1	197	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
163,952	158,598	1,783	3,571	4,214,470	2,976,980	284,550	838,931	114,009
164,569	157,442	1,841	5,286	4,185,002	2,880,241	342,838	821,405	140,518
173,984	164,702	2,400	6,882	4,116,563	2,855,247	295,887	801,129	164,300
177,774	163,542	3,534	10,698	4,128,386	2,822,349	286,579	822,004	197,454
*48	*48	..	..	909	909	..	..	..
*40	*40	..	..	911	911	..	..	..
0	0	..	..	872	872	..	..	..
0	0	..	..	820	820	..	..	..
105,913	82,548	23,250	115	904,917	232,851	647,725	21,694	2,647
112,993	87,509	25,473	10	942,082	226,998	689,830	22,030	3,224
115,226	91,921	23,279	26	982,523	278,242	675,745	22,433	6,102
123,340	98,747	24,566	26	1,006,716	323,276	653,515	21,657	8,267
15,325	15,233	92	..	110,269	69,247	33,826	7,171	25
15,052	14,994	58	..	114,840	76,598	31,843	6,371	28
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
119	116	..	3	6,658	4,476	2,182	..	..
123	120	..	3	7,096	4,749	2,347	..	..
123	120	..	3	7,538	5,186	2,352	..	..
59	56	..	3	8,004	5,469	2,535	..	..
72,995	52,305	20,690	..	442,803	43,504	382,599	14,523	2,177
77,033	54,321	22,712	..	454,726	30,741	405,621	15,659	2,705
78,029	57,566	20,463	..	474,469	58,502	394,879	16,038	5,050
86,161	64,105	22,053	3	484,675	93,705	368,939	15,450	6,581
3,674	3,226	336	112	56,760	35,047	21,381	..	332
5,427	5,365	56	6	60,286	39,001	20,953	..	332
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
3,440	3,217	223	..	56,794	16,452	40,304	..	38
4,101	3,435	*666	..	62,882	14,080	48,761	..	41
4,187	3,658	*529	..	64,555	17,032	47,468	..	55
4,025	3,343	682	..	67,394	23,080	44,256	..	58
3,763	3,306	457	..	15,746	7,564	8,179	..	3
4,450	3,945	505	..	16,094	5,463	10,628	..	3
4,795	4,284	511	..	18,052	6,323	11,727	..	2
5,008	4,496	512	..	18,251	7,665	10,527	..	59
*2	*2	..	..	*16	*10	..	..	*6
*2	*2	..	..	*16	*10	..	..	*6
*2	*2	..	..	*16	*10	..	..	*6
*2	*2	..	..	*16	*10	..	..	*6
..	..	..	..	*823	*379	*444	..	0
..	..	..	..	*836	*377	*459	..	0
..	..	..	..	853	273	529	..	51
..	..	..	..	858	326	489	..	43
299	299	..	..	568	568	..	..	..
306	306	..	..	605	605	..	..	..
285	285	..	..	658	658	..	..	..
302	302	..	..	660	660	..	..	..
..	..	..	..	54,066	1	54,065	..	..
..	..	..	..	57,625	1	57,624	..	..
..	..	..	..	60,237	3	60,234	..	..
..	..	..	..	60,381	3	60,378	..	..
2,361	1,877	484	..	33,529	13,970	19,558	..	1
2,558	2,028	530	..	*36,666	15,220	*21,444	..	1
2,675	2,134	541	..	37,234	*15,682	21,491	..	61
2,666	2,055	610	..	40,665	18,757	21,709	..	198

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Suriname	2010	1,723	755	968	..	..	..	..
	2011	1,951	1,005	946	..	..	..	..
	2012	1,972	974	998	..	..	..	..
	2013	2,184	1,703	481	..	..	..	..
Uruguay	2010	10,727	2,255	8,407	..	65	..	..
	2011	10,342	3,754	6,479	..	110	..	..
	2012	10,596	5,060	5,421	..	115	..	..
	2013	11,657	3,311	8,206	..	141	..	..
Venezuela (Bolivar. Rep.)	2010	118,370	41,590	76,780	..	..	..	..
	2011	122,059	38,389	83,670	..	..	..	..
	2012	126,516	44,508	82,008	..	..	..	..
	2013	123,160	39,615	83,545	..	..	..	..
Asia	2010	9,238,946	7,328,405	1,209,909	584,511	53,683	4,901	57,537
	2011	9,814,652	8,061,555	1,191,661	425,377	82,587	6,547	46,925
	2012	10,282,745	8,374,274	1,391,234	345,675	109,583	9,017	52,962
	2013	10,991,916	8,906,814	1,488,831	347,227	191,359	27,325	30,361
Afghanistan	2010	892	125	767	..	..	..	..
	2011	1,005	176	829	..	..	..	..
	2012	1,022	144	878	..	..	..	..
	2013	*1,022	*218	*804	..	..	..	..
Armenia	2010	6,491	1,438	2,556	2,490	7	..	..
	2011	7,433	2,390	2,489	2,548	6	..	..
	2012	8,036	3,399	2,311	2,322	4	..	..
	2013	7,710	3,173	2,173	2,360	4	..	..
Azerbaijan	2010	18,710	15,263	3,446	..	1	..	..
	2011	20,294	17,618	2,676	..	0	..	..
	2012	22,988	21,167	1,821	..	0	..	..
	2013	23,354	21,863	1,489	..	1	1	..
Bahrain	2010	23,441	23,441	..	..	..	..	..
	2011	24,338	24,338	..	..	..	..	..
	2012	24,770	24,770	..	..	..	..	..
	2013	25,916	25,916	..	..	..	..	..
Bangladesh	2010	40,790	40,061	729	..	..	..	..
	2011	44,153	43,281	872	..	..	..	..
	2012	48,562	47,785	777	..	..	..	..
	2013	53,043	52,000	894	..	4	145	..
Bhutan	2010	7,328	0	7,328	..	..	..	..
	2011	7,068	0	7,067	..	..	..	..
	2012	6,827	0	6,827	..	..	..	..
	2013	7,640	1	7,640	..	..	..	..
Brunei Darussalam	2010	3,792	3,792	..	..	..	..	..
	2011	3,725	3,723	..	..	..	2	..
	2012	3,930	3,928	..	..	..	2	..
	2013	4,402	4,400	..	..	..	2	..
Cambodia	2010	994	965	26	..	..	3	..
	2011	1,053	1,005	45	..	..	3	..
	2012	1,434	914	517	..	..	3	..
	2013	1,778	759	1,016	..	..	3	..
China	2010	4,207,160	3,331,928	722,172	73,880	44,622	..	34,558
	2011	4,713,019	3,833,702	698,945	86,350	70,331	..	23,691
	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
China, Hong Kong SAR	2010	38,292	38,292	..	..	..	..	..
	2011	39,026	39,026	..	..	..	..	..
	2012	38,752	38,752	..	..	..	..	..
	2013	39,063	39,063	..	..	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
1,391	423	968	..	332	332	..	..	..
1,604	658	946	..	347	347	..	..	..
1,446	448	998	..	526	526	..	..	..
1,514	1,033	481	..	670	670	..	..	..
829	829	..	0	9,899	1,426	8,407	..	65
811	810	..	1	9,531	2,944	6,479	..	109
867	865	..	1	9,730	4,195	5,421	..	114
928	927	..	*1	10,730	2,384	8,206	..	140
1,715	1,715	..	..	116,655	39,875	76,780	..	..
1,526	1,526	..	..	120,533	36,863	83,670	..	..
1,811	1,811	..	..	124,705	42,697	82,008	..	..
1,537	1,537	..	..	121,623	38,078	83,545	..	..
796,311	767,951	19,929	8,431	8,442,636	6,560,454	1,189,980	584,511	107,691
890,997	859,086	21,276	10,636	8,923,655	7,202,469	1,170,385	425,377	125,423
916,314	882,818	20,899	12,597	9,366,431	7,491,456	1,370,335	345,675	158,965
1,058,957	1,012,537	22,334	24,085	9,932,960	7,894,277	1,466,497	347,227	224,959
270	5	265	..	622	120	502	..	..
286	5	281	..	719	171	548	..	..
301	5	296	..	721	139	582	..	..
*276	*5	*271	..	*746	*213	*533	..	..
..	..	..	..	6,491	1,438	2,556	2,490	7
..	..	..	..	7,433	2,390	2,489	2,548	6
..	..	..	..	8,036	3,399	2,311	2,322	4
..	..	..	..	7,710	3,173	2,173	2,360	4
260	260	..	..	18,450	15,003	3,446	..	1
301	301	..	..	19,993	17,317	2,676	..	0
1,630	1,630	..	..	21,358	19,537	1,821	..	0
1,798	1,798	..	..	21,556	20,065	1,489	..	2
10,211	10,211	..	..	13,230	13,230	..	..	..
10,632	10,632	..	..	13,706	13,706	..	..	..
10,510	10,510	..	..	14,260	14,260	..	..	..
11,166	11,166	..	..	14,750	14,750	..	..	..
12,036	12,036	..	..	28,754	28,025	729	..	..
12,951	12,951	..	..	31,202	30,330	872	..	..
13,208	13,208	..	..	35,354	34,577	777	..	..
14,277	14,277	..	..	38,766	37,723	894	..	149
..	..	..	..	7,328	0	7,328	..	..
..	..	..	..	7,068	0	7,067	..	..
..	..	..	..	6,827	0	6,827	..	..
..	..	..	..	7,640	1	7,640	..	..
352	352	..	..	3,440	3,440	..	..	..
330	330	..	..	3,395	3,393	..	..	2
406	406	..	..	3,524	3,522	..	..	2
460	460	..	..	3,942	3,940	..	..	2
..	..	..	..	994	965	26	..	3
..	..	..	..	1,053	1,005	45	..	3
..	..	..	..	1,434	914	517	..	3
..	..	..	..	1,778	759	1,016	..	3
270,219	270,219	..	..	3,936,941	3,061,709	722,172	73,880	79,180
310,913	310,913	..	..	4,402,106	3,522,789	698,945	86,350	94,022
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
..	..	..	..	38,292	38,292	..	..	..
..	..	..	..	39,026	39,026	..	..	..
..	..	..	..	38,752	38,752	..	..	..
..	..	..	..	39,063	39,063	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
China, Macao SAR	2010	1,077	1,077	..	..	..	..	..
	2011	886	886	..	..	..	..	..
	2012	561	561	..	..	..	..	..
	2013	413	413	..	..	..	..	..
Cyprus	2010	5,322	5,284	..	..	31	7	..
	2011	4,929	4,803	..	..	114	12	..
	2012	4,717	4,510	..	..	185	22	..
	2013	4,290	4,012	..	..	231	47	..
Georgia	2010	10,124	757	9,367	..	..	..	..
	2011	10,194	2,304	7,890	..	..	..	..
	2012	9,695	2,472	7,223	..	..	..	..
	2013	10,059	1,788	8,271	..	..	..	..
India	2010	954,539	813,787	114,486	26,266	..	..	..
	2011	973,006	836,978	103,741	32,287	..	..	..
	2012	1,035,264	888,538	113,855	32,871	..	..	..
	2013	1,193,480	980,599	141,637	34,228	33,583	3,433	..
Indonesia	2010	169,570	142,752	17,456	..	4	1	9,357
	2011	182,389	160,593	12,419	..	5	1	9,371
	2012	196,181	173,957	12,799	..	5	3	9,417
	2013	216,186	189,835	16,930	..	1	6	9,414
Iran (Islamic Rep. of)	2010	232,965	223,266	9,526	..	163	0	10
	2011	240,052	227,428	12,058	327	217	0	22
	2012	254,276	239,752	12,447	1,847	207	0	23
	2013	262,434	242,909	14,582	4,546	376	0	21
Iraq	2010	48,909	44,142	4,767	..	..	..	..
	2011	54,240	50,100	4,140	..	..	..	..
	2012	61,704	56,280	5,424	..	..	..	..
	2013	73,556	67,766	5,790	..	..	..	..
Israel	2010	58,591	58,450	31	..	8	70	32
	2011	59,679	59,371	29	..	7	192	80
	2012	63,003	62,595	33	..	6	369	0
	2013	59,941	59,418	28	..	6	489	0
Japan	2010	1,117,123	727,762	90,682	288,230	4,017	3,800	2,632
	2011	1,051,281	845,298	91,709	101,761	4,677	5,160	2,676
	2012	1,034,328	920,334	83,645	15,939	4,838	6,963	2,609
	2013	1,045,293	929,027	84,886	9,303	5,201	14,280	2,596
Jordan	2010	14,777	14,713	61	..	3	..	..
	2011	14,647	14,589	55	..	3	..	..
	2012	16,596	16,532	61	..	3	..	..
	2013	17,263	17,205	55	..	3	..	..
Kazakhstan	2010	82,646	74,624	8,022	..	0	..	..
	2011	86,586	78,703	7,883	..	0	..	..
	2012	91,207	83,567	7,637	..	3	..	..
	2013	95,368	87,631	7,731	..	5	1	..
Korea, Dem.Ppl's.Rep.	2010	21,665	8,265	13,400	..	..	..	..
	2011	19,227	6,027	13,200	..	..	..	..
	2012	19,236	5,736	13,500	..	..	..	..
	2013	19,524	5,822	13,702	..	..	..	..
Korea, Republic of	2010	499,508	342,502	6,472	148,596	817	772	349
	2011	523,286	358,505	7,831	154,723	863	917	447
	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
Kuwait	2010	57,029	57,029	..	..	..	..	..
	2011	57,457	57,457	..	..	..	..	..
	2012	62,655	62,655	..	..	..	..	..
	2013	60,982	60,982	..	..	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
133	133	..	..	944	944	..	..	..
153	153	..	..	733	733	..	..	..
169	169	..	..	392	392	..	..	..
186	186	..	..	227	227	..	..	..
76	74	..	2	5,246	5,210	..	..	36
68	66	..	2	4,861	4,737	..	..	124
60	58	..	2	4,657	4,452	..	..	205
60	58	..	2	4,230	3,954	..	..	276
..	..	..	..	10,124	757	9,367	..	..
..	..	..	..	10,194	2,304	7,890	..	..
..	..	..	..	9,695	2,472	7,223	..	..
..	..	..	..	10,059	1,788	8,271	..	..
109,693	109,464	229	..	844,846	704,323	114,257	26,266	..
128,401	128,172	*229	..	844,605	708,806	103,512	32,287	..
*128,401	*128,172	*229	..	906,863	760,366	113,626	32,871	..
190,737	188,122	129	2,486	1,002,743	792,477	141,508	34,228	34,530
18,441	16,808	1,629	4	151,129	125,944	15,827	..	9,358
33,767	31,659	2,103	5	148,622	128,934	10,316	..	9,372
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
7,579	7,579	..	..	225,386	215,687	9,526	..	173
9,836	9,836	..	..	230,216	217,592	12,058	327	239
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
..	..	..	..	48,909	44,142	4,767	..	..
..	..	..	..	54,240	50,100	4,140	..	..
..	..	..	..	61,704	56,280	5,424	..	..
..	..	..	..	73,556	67,766	5,790	..	..
1,718	1,638	4	76	56,873	56,812	27	..	34
1,824	1,552	5	267	57,855	57,819	24	..	12
1,515	1,142	4	369	61,488	61,453	29	..	6
1,379	885	5	489	58,562	58,533	23	..	6
142,310	117,921	16,507	7,882	974,813	609,841	74,175	288,230	2,567
143,387	116,282	17,331	9,774	907,894	729,016	74,378	101,761	2,739
143,449	115,467	16,285	11,697	890,879	804,867	67,360	15,939	2,713
154,412	118,698	16,322	19,392	890,881	810,329	68,564	9,303	2,685
291	291	..	..	14,486	14,422	61	..	3
257	257	..	..	14,390	14,332	55	..	3
241	241	..	..	16,355	16,291	61	..	3
286	286	..	..	16,977	16,919	55	..	3
..	..	..	..	82,646	74,624	8,022	..	0
..	..	..	..	86,586	78,703	7,883	..	0
..	..	..	..	91,207	83,567	7,637	..	3
1	..	..	1	95,367	87,631	7,731	..	5
..	..	..	..	21,665	8,265	13,400	..	..
..	..	..	..	19,227	6,027	13,200	..	..
..	..	..	..	19,236	5,736	13,500	..	..
..	..	..	..	19,524	5,822	13,702	..	..
28,482	28,218	..	264	471,026	314,284	6,472	148,596	1,674
29,690	29,305	..	385	493,596	329,200	7,831	154,723	1,842
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
..	..	..	..	57,029	57,029	..	..	..
..	..	..	..	57,457	57,457	..	..	..
..	..	..	..	62,655	62,655	..	..	..
..	..	..	..	60,982	60,982	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Kyrgyzstan	2010	12,100	992	11,108	..	..	..	..
	2011	15,158	1,019	14,139	..	..	..	..
	2012	15,168	989	14,179	..	..	..	..
	2013	14,011	914	13,097	..	..	..	..
Lao People's Dem. Rep.	2010	3,755	*300	3,262	..	..	*193	..
	2011	3,802	*300	3,309	..	..	*193	..
	2012	*3,802	*300	*3,309	..	..	*193	..
	2013	4,471	*300	3,976	..	..	*195	..
Lebanon	2010	15,712	14,873	839	..	..	..	..
	2011	16,365	15,560	805	..	..	..	..
	2012	14,826	13,819	1,007	..	..	..	..
	2013	18,153	16,953	1,200	..	..	..	..
Malaysia	2010	116,808	110,556	6,251	..	..	1	..
	2011	124,894	117,269	7,624	..	..	1	..
	2012	134,421	125,319	9,054	..	..	48	..
	2013	138,331	127,604	10,586	..	..	141	..
Maldives	2010	256	256	..	..	..	..	..
	2011	274	274	..	..	..	..	..
	2012	297	297	..	..	..	..	..
	2013	303	303	..	..	..	..	..
Mongolia	2010	4,313	4,313	..	..	..	..	..
	2011	4,536	4,536	..	..	..	..	..
	2012	4,816	4,816	..	..	..	..	..
	2013	5,020	5,020	..	..	..	..	..
Myanmar	2010	8,625	2,436	6,189	..	..	..	..
	2011	10,425	2,907	7,518	..	..	..	..
	2012	10,965	3,199	7,766	..	..	..	..
	2013	12,247	3,424	8,823	..	..	..	..
Nepal	2010	3,208	3	3,205	..	..	..	..
	2011	3,492	2	3,490	..	..	..	..
	2012	3,543	10	3,533	..	..	..	..
	2013	3,130	10	3,120	..	..	..	..
Oman	2010	19,819	19,819	..	..	..	..	..
	2011	21,874	21,874	..	..	..	..	..
	2012	25,017	25,017	..	..	..	..	..
	2013	26,240	26,240	..	..	..	..	..
Other Asia	2010	246,996	197,113	7,255	41,629	976	23	..
	2011	252,016	201,594	6,902	42,116	1,371	33	..
	2012	250,336	199,770	8,606	40,422	1,262	276	..
	2013	252,038	200,124	8,610	41,639	1,344	321	..
Pakistan	2010	94,383	59,152	31,811	3,420	..	..	..
	2011	95,090	61,308	28,517	5,265	..	..	..
	2012	*96,126	*61,716	*29,857	*4,553	..	..	..
	2013	97,792	61,865	31,173	4,754	..	..	..
Philippines	2010	67,777	49,964	7,820	..	62	1	9,929
	2011	69,210	49,463	9,715	..	88	1	9,942
	2012	72,956	52,360	10,269	..	75	1	10,250
	2013	75,300	55,592	10,036	..	66	1	9,605
Qatar	2010	28,144	28,144	..	..	..	..	..
	2011	30,730	30,730	..	..	..	..	..
	2012	34,787	34,787	..	..	..	..	..
	2013	34,668	34,668	..	..	..	..	..
Saudi Arabia	2010	240,067	240,067	..	..	..	0	..
	2011	250,077	250,077	..	..	..	0	..
	2012	271,680	271,679	..	..	..	1	..
	2013	284,017	284,016	..	..	..	1	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	12,100	992	11,108	..	..
..	..	..	..	15,158	1,019	14,139	..	..
..	..	..	..	15,168	989	14,179	..	..
7	7	..	..	14,004	907	13,097	..	..
*193	..	..	*193	3,562	*300	3,262	..	..
*193	..	..	*193	3,609	*300	3,309	..	..
*193	..	..	*193	*3,609	*300	*3,309	..	..
*195	..	..	*195	4,276	*300	3,976	..	..
4,500	4,500	..	..	11,212	10,373	839	..	..
4,750	4,750	..	..	11,615	10,810	805	..	..
6,000	6,000	..	..	8,826	7,819	1,007	..	..
7,000	7,000	..	..	11,153	9,953	1,200	..	..
1,888	1,888	..	..	114,920	108,668	6,251	..	1
5,133	5,133	..	..	119,761	112,136	7,624	..	1
6,154	6,154	..	..	128,267	119,165	9,054	..	48
5,020	5,020	..	..	133,311	122,584	10,586	..	141
..	..	..	..	256	256	..	..	..
..	..	..	..	274	274	..	..	..
..	..	..	..	297	297	..	..	..
..	..	..	..	303	303	..	..	..
28	28	..	..	4,285	4,285	..	..	..
*30	*30	..	..	4,506	4,506	..	..	..
*30	*30	..	..	4,786	4,786	..	..	..
*30	*30	..	..	4,990	4,990	..	..	..
..	..	..	..	8,625	2,436	6,189	..	..
..	..	..	..	10,425	2,907	7,518	..	..
42	..	42	..	10,923	3,199	7,725	..	..
945	495	450	..	11,302	2,929	8,373	..	..
44	..	44	..	3,164	3	3,161	..	..
59	..	59	..	3,433	2	3,431	..	..
84	..	84	..	3,459	10	3,449	..	..
137	..	137	..	2,993	10	2,983	..	..
..	..	..	..	19,819	19,819	..	..	..
..	..	..	..	21,874	21,874	..	..	..
..	..	..	..	25,017	25,017	..	..	..
..	..	..	..	26,240	26,240	..	..	..
37,331	37,331	..	..	209,665	159,782	7,255	41,629	999
36,489	36,489	..	..	215,527	165,105	6,902	42,116	1,404
34,223	34,223	..	..	216,113	165,547	8,606	40,422	1,538
37,192	37,192	..	..	214,846	162,932	8,610	41,639	1,665
37,214	37,214	..	..	57,169	21,938	31,811	3,420	..
39,674	39,674	..	..	55,416	21,634	28,517	5,265	..
*40,174	*40,174	..	..	*55,952	*21,542	*29,857	*4,553	..
40,000	40,000	..	..	57,792	21,865	31,173	4,754	..
*34	*17	*17	..	67,743	49,947	7,803	..	9,992
*34	*17	*17	..	69,176	49,446	9,698	..	10,032
*34	*17	*17	..	72,922	52,343	10,252	..	10,327
*34	*17	*17	..	75,266	55,575	10,019	..	9,672
25,722	25,722	..	..	2,422	2,422	..	..	..
28,370	28,370	..	..	2,360	2,360	..	..	..
31,799	31,799	..	..	2,988	2,988	..	..	..
31,578	31,578	..	..	3,090	3,090	..	..	..
53,585	53,585	..	..	186,482	186,482	..	..	0
59,797	59,797	..	..	190,280	190,280	..	..	0
64,548	64,548	..	..	207,132	207,131	..	..	1
85,117	85,117	..	..	198,900	198,899	..	..	1

Table 32**Production of electricity - by type**

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Singapore	2010	45,361	45,361	..	..	..	..	..
	2011	46,000	46,000	..	..	..	..	..
	2012	46,971	46,971	..	..	..	..	..
	2013	47,964	47,964	..	..	..	..	..
Sri Lanka	2010	10,801	5,096	5,645	..	53	7	..
	2011	11,600	6,916	4,584	..	92	9	..
	2012	11,897	8,439	3,302	..	147	10	..
	2013	12,044	4,870	6,929	..	236	*10	..
State of Palestine	2010	473	473	..	..	..	..	..
	2011	569	569	..	..	..	..	..
	2012	461	461	..	..	..	..	..
	2013	536	536	..	..	..	..	..
Syrian Arab Republic	2010	46,413	43,821	2,592	..	..	..	..
	2011	42,025	38,742	3,283	..	..	..	..
	2012	31,188	27,951	3,237	..	..	..	..
	2013	25,933	22,933	3,000	..	..	..	..
Tajikistan	2010	16,436	35	16,401	..	..	..	..
	2011	16,234	38	16,196	..	..	..	..
	2012	16,998	74	16,924	..	..	..	..
	2013	17,115	44	17,071	..	..	..	..
Thailand	2010	159,518	153,953	5,537	..	3	23	2
	2011	151,595	143,632	7,935	..	*3	*23	2
	2012	166,471	158,013	8,431	..	*3	*23	1
	2013	165,707	158,573	5,748	..	305	1,080	1
Timor-Leste	2010	137	137	..	..	..	..	..
	2011	140	140	..	..	..	..	..
	2012	126	126	..	..	..	..	..
	2013	295	295	..	..	..	..	..
Turkey	2010	211,208	155,828	51,796	..	2,916	..	668
	2011	229,393	171,638	52,338	..	4,723	..	694
	2012	239,496	174,872	57,865	..	5,860	..	899
	2013	240,154	171,622	59,420	..	7,557	..	1,555
Turkmenistan	2010	16,663	16,660	3	..	..	..	..
	2011	17,220	17,220	0	..	..	..	..
	2012	17,750	17,750	0	..	..	..	..
	2013	18,870	18,870	..	..	..	..	..
United Arab Emirates	2010	93,949	93,949	..	..	..	..	..
	2011	99,137	99,137	..	..	..	..	..
	2012	106,222	106,222	..	..	..	..	..
	2013	109,979	109,979	..	..	..	..	..
Uzbekistan	2010	51,700	40,854	10,846	..	..	..	..
	2011	52,400	42,160	10,240	..	..	..	..
	2012	52,500	41,290	11,210	..	..	..	..
	2013	54,200	42,640	11,560	..	..	..	..
Viet Nam	2010	94,835	66,780	28,055	..	..	..	..
	2011	105,219	63,944	41,188	..	87	..	..
	2012	118,937	65,676	53,171	..	*90	..	..
	2013	128,546	70,287	58,169	..	*90	..	..
Yemen	2010	7,755	7,755	..	..	..	..	..
	2011	6,204	6,204	..	..	..	..	..
	2012	7,073	7,073	..	..	..	..	..
	2013	8,501	8,501	..	..	..	..	..
Europe	2010	4,905,800	2,723,926	790,185	1,202,516	150,232	23,349	15,593
	2011	4,852,279	2,703,741	707,402	1,196,643	181,018	47,452	16,023
	2012	4,894,117	2,660,623	761,891	1,175,478	207,741	71,836	16,549
	2013	4,841,508	2,531,828	810,710	1,158,543	237,443	86,353	16,631

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
1,263	1,263	..	..	44,097	44,097	..	..	..
1,315	1,315	..	..	44,685	44,685	..	..	..
1,775	1,775	..	..	45,197	45,197	..	..	..
2,804	2,804	..	..	45,160	45,160	..	..	..
18	0	10	7	10,783	5,096	5,634	..	53
18	0	11	8	11,582	6,916	4,573	..	93
18	0	11	8	11,879	8,439	3,291	..	149
*20	0	*11	*9	12,024	4,870	6,918	..	236
..	..	..	..	473	473	..	..	..
..	..	..	..	569	569	..	..	..
..	..	..	..	461	461	..	..	..
..	..	..	..	536	536	..	..	..
1,082	1,082	..	..	45,331	42,739	2,592	..	..
1,060	1,060	..	..	40,965	37,682	3,283	..	..
752	752	..	..	30,436	27,199	3,237	..	..
498	498	..	..	25,435	22,435	3,000	..	..
..	..	..	..	16,436	35	16,401	..	..
..	..	..	..	16,234	38	16,196	..	..
..	..	..	..	16,998	74	16,924	..	..
..	..	..	..	17,115	44	17,071	..	..
15,136	15,136	..	..	144,382	138,817	5,537	..	28
14,936	14,936	..	..	136,659	128,696	7,935	..	*28
15,134	15,134	..	..	151,337	142,879	8,431	..	*27
29,532	28,668	..	864	136,175	129,905	5,748	..	522
..	..	..	..	137	137	..	..	..
..	..	..	..	140	140	..	..	..
..	..	..	..	126	126	..	..	..
..	..	..	..	295	295	..	..	..
12,447	11,221	1,224	2	198,761	144,607	50,572	..	3,582
12,243	11,001	1,240	2	217,150	160,637	51,098	..	5,415
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
..	..	..	..	16,663	16,660	3	..	..
..	..	..	..	17,220	17,220	0	..	..
..	..	..	..	17,750	17,750	0	..	..
..	..	..	..	18,870	18,870	..	..	..
..	..	..	..	93,949	93,949	..	..	..
..	..	..	..	99,137	99,137	..	..	..
..	..	..	..	106,222	106,222	..	..	..
..	..	..	..	109,979	109,979	..	..	..
191	191	..	..	51,509	40,663	10,846	..	..
197	197	..	..	52,203	41,963	10,240	..	..
193	193	..	..	52,307	41,097	11,210	..	..
199	199	..	..	54,001	42,441	11,560	..	..
*3,113	*3,113	..	..	91,722	63,667	28,055	..	..
3,633	3,633	..	..	101,586	60,311	41,188	..	87
*3,700	*3,700	..	..	115,237	61,976	53,171	..	*90
*4,000	*4,000	..	..	124,546	66,287	58,169	..	*90
450	450	..	..	7,305	7,305	..	..	..
269	269	..	..	5,935	5,935	..	..	..
346	346	..	..	6,727	6,727	..	..	..
245	245	..	..	8,256	8,256	..	..	..
350,331	326,522	15,502	8,307	4,555,468	2,397,403	774,683	1,202,516	180,866
353,782	326,631	15,358	11,793	4,498,497	2,377,110	692,044	1,196,643	232,700
352,991	321,126	15,612	16,253	4,541,126	2,339,497	746,279	1,175,478	279,872
346,896	308,948	16,610	21,338	4,494,612	2,222,880	794,100	1,158,543	319,089

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Albania	2010	7,744	1	7,743	..	..	..	..
	2011	4,217	59	4,158	..	..	..	..
	2012	4,725	0	4,725	..	..	..	..
	2013	6,956	0	6,956	..	..	..	..
Andorra	2010	113	13	100	..	..	..	..
	2011	103	12	91	..	..	..	..
	2012	88	12	76	..	..	..	..
	2013	115	13	102	..	..	..	..
Austria	2010	71,128	27,398	41,558	..	2,064	89	19
	2011	65,813	25,909	37,782	..	1,936	174	12
	2012	72,617	22,101	47,705	..	2,462	337	12
	2013	68,301	18,815	45,739	..	3,151	582	14
Belarus	2010	34,895	34,849	45	..	1	..	..
	2011	32,192	32,149	42	..	1	..	..
	2012	30,799	30,723	70	..	6	..	..
	2013	31,507	31,361	138	..	8	..	..
Belgium	2010	95,120	43,401	1,668	47,944	1,292	560	255
	2011	90,235	36,963	1,423	48,234	2,312	1,169	134
	2012	83,084	36,004	1,659	40,295	2,751	2,148	227
	2013	83,456	32,500	1,723	42,644	3,635	2,640	314
Bosnia and Herzegovina	2010	17,124	9,098	8,026	..	..	..	..
	2011	15,280	10,893	4,387	..	..	..	..
	2012	14,082	9,867	4,215	..	..	..	..
	2013	17,451	10,215	7,236	..	..	..	..
Bulgaria	2010	46,653	25,001	5,693	15,249	681	15	14
	2011	50,797	29,807	3,691	16,314	861	101	23
	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
Croatia	2010	14,105	5,531	8,435	..	139	0	..
	2011	10,831	6,010	4,620	..	201	0	..
	2012	10,557	5,425	4,801	..	329	2	..
	2013	13,431	4,797	8,106	..	517	11	..
Czech Republic	2010	85,910	53,581	3,380	27,998	335	616	..
	2011	87,561	54,035	2,664	28,283	397	2,182	..
	2012	87,573	51,824	2,860	30,324	416	2,149	..
	2013	87,065	50,167	3,639	30,745	481	2,033	..
Denmark	2010	38,862	31,026	21	..	7,809	6	..
	2011	35,229	25,423	17	..	9,774	15	..
	2012	30,725	20,334	17	..	10,270	104	..
	2013	34,749	23,095	13	..	11,123	518	..
Estonia	2010	12,964	12,660	27	..	277	..	..
	2011	12,893	12,495	30	..	368	..	..
	2012	11,967	11,491	42	..	434	..	..
	2013	13,275	12,720	26	..	529	..	..
Faeroe Islands	2010	280	199	67	..	14	..	..
	2011	274	167	93	..	15	..	..
	2012	292	181	100	..	11	..	..
	2013	293	180	91	..	22	..	..
Finland	2010	80,667	44,328	12,922	22,800	294	5	318
	2011	73,481	37,058	12,445	23,187	481	5	305
	2012	70,399	29,725	16,859	22,987	494	5	329
	2013	71,251	33,725	12,838	23,606	774	6	302
France	2010	569,246	62,162	67,525	428,521	9,942	620	476
	2011	561,494	54,463	49,865	442,383	12,228	2,078	477
	2012	565,768	56,651	63,594	425,406	15,048	4,017	1,052
	2013	572,517	51,388	75,640	423,685	16,033	4,661	1,110

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	7,744	1	7,743	..	..
..	..	..	..	4,217	59	4,158	..	..
..	..	..	..	4,725	0	4,725	..	..
..	..	..	..	6,956	0	6,956	..	..
..	..	..	..	113	13	100	..	..
..	..	..	..	103	12	91	..	..
..	..	..	..	88	12	76	..	..
..	..	..	..	115	13	102	..	..
9,479	8,403	1,058	18	61,649	18,995	40,500	..	2,154
9,460	8,483	966	11	56,353	17,426	36,816	..	2,111
8,574	8,025	538	11	64,043	14,076	47,167	..	2,800
8,100	7,534	552	14	60,201	11,281	45,187	..	3,733
2,440	2,437	2	1	32,455	32,412	43	..	..
2,588	2,583	4	1	29,604	29,566	38	..	..
3,050	3,042	6	2	27,749	27,681	64	..	4
2,976	2,967	7	2	28,531	28,394	131	..	6
5,297	4,475	..	822	89,823	38,926	1,668	47,944	1,285
6,588	5,275	..	1,313	83,647	31,688	1,423	48,234	2,302
8,264	5,871	..	2,393	74,820	30,133	1,659	40,295	2,733
8,891	5,928	..	2,963	74,565	26,572	1,723	42,644	3,626
402	402	..	..	16,722	8,696	8,026	..	..
325	325	..	..	14,955	10,568	4,387	..	..
343	343	..	..	13,739	9,524	4,215	..	..
369	369	..	..	17,082	9,846	7,236	..	..
242	228	..	14	46,411	24,773	5,693	15,249	696
147	124	..	23	50,650	29,683	3,691	16,314	962
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
455	447	8	..	13,650	5,084	8,427	..	139
516	512	4	..	10,315	5,498	4,616	..	201
388	383	5	..	10,169	5,042	4,796	..	331
332	327	5	..	13,099	4,470	8,101	..	528
9,314	8,628	686	..	76,596	44,953	2,694	27,998	951
8,129	7,626	503	..	79,432	46,409	2,161	28,283	2,579
7,985	7,462	523	..	79,588	44,362	2,337	30,324	2,565
8,218	7,597	621	..	78,847	42,570	3,018	30,745	2,514
2,284	2,278	..	6	36,578	28,748	21	..	7,809
2,161	2,146	..	15	33,068	23,277	17	..	9,774
2,046	1,942	..	104	28,679	18,392	17	..	10,270
2,433	1,915	..	518	32,316	21,180	13	..	11,123
107	106	..	1	12,857	12,554	27	..	276
105	105	..	0	12,788	12,390	30	..	368
98	97	..	1	11,869	11,394	42	..	433
91	86	..	5	13,184	12,634	26	..	524
..	..	..	..	280	199	67	..	14
..	..	..	..	274	167	93	..	15
..	..	..	..	292	181	100	..	11
..	..	..	..	293	180	91	..	22
11,041	9,976	860	205	69,626	34,352	12,062	22,800	412
10,604	9,460	949	195	62,877	27,598	11,496	23,187	596
10,217	8,749	1,244	224	60,182	20,976	15,615	22,987	604
10,106	8,941	975	190	61,145	24,784	11,863	23,606	892
13,069	11,212	770	1,087	556,177	50,950	66,755	428,521	9,951
15,897	13,155	681	2,061	545,597	41,308	49,184	442,383	12,722
22,205	17,186	809	4,210	543,563	39,465	62,785	425,406	15,907
20,053	13,857	1,286	4,910	552,464	37,531	74,354	423,685	16,894

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Germany	2010	632,983	413,207	27,353	140,556	37,793	11,729	2,345
	2011	613,068	410,773	23,511	107,971	48,883	19,599	2,331
	2012	629,812	423,424	27,849	99,460	50,670	26,380	2,029
	2013	633,158	422,523	28,782	97,290	51,708	31,010	1,845
Gibraltar	2010	177	177	..	..	..	..	..
	2011	171	171	..	..	..	..	..
	2012	176	176	..	..	..	..	..
	2013	189	189	..	..	..	..	..
Greece	2010	57,392	47,035	7,485	..	2,714	158	..
	2011	59,436	51,236	4,275	..	3,315	610	..
	2012	60,959	50,824	4,591	..	3,850	1,694	..
	2013	57,152	42,981	6,384	..	4,139	3,648	..
Guernsey	2010	152	152	..	..	..	..	..
	2011	85	85	..	..	..	..	..
	2012	68	68	..	..	..	..	..
	2013	289	289	..	..	..	..	..
Hungary	2010	37,371	20,887	188	15,761	534	1	..
	2011	36,019	19,485	222	15,685	626	1	..
	2012	34,626	17,842	213	15,793	770	8	..
	2013	30,273	13,915	213	15,370	718	25	32
Iceland	2010	17,059	2	12,592	..	..	..	4,465
	2011	17,211	2	12,507	..	..	..	4,702
	2012	17,549	3	12,337	..	..	..	5,209
	2013	18,116	5	12,863	..	3	..	5,245
Ireland	2010	28,602	25,011	776	..	2,815	..	..
	2011	27,472	22,385	707	..	4,380	..	..
	2012	27,596	22,572	1,014	..	4,010	..	..
	2013	26,122	20,657	923	..	4,542	..	..
Isle of Man	2010	498	495	3	..	..	..	..
	2011	499	496	3	..	..	..	..
	2012	296	292	4	..	..	..	..
	2013	*504	*500	*4	..	..	..	..
Italy	2010	302,063	230,472	54,406	..	9,126	1,906	6,153
	2011	302,582	227,711	47,757	..	9,856	10,796	6,462
	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
Jersey	2010	56	56	..	..	..	..	..
	2011	46	46	..	..	..	..	..
	2012	*47	*47	..	..	..	..	..
	2013	*47	*47	..	..	..	..	..
Latvia	2010	6,627	3,058	3,520	..	49	..	..
	2011	6,095	3,137	2,887	..	71	..	..
	2012	6,168	2,347	3,707	..	114	..	..
	2013	6,209	3,177	2,912	..	120	..	..
Liechtenstein	2010	79	4	72	..	..	3	..
	2011	72	4	62	..	..	6	..
	2012	86	4	74	..	..	9	..
	2013	85	3	69	..	..	13	..
Lithuania	2010	5,749	3,980	1,295	..	224	..	250
	2011	4,822	3,034	1,056	..	475	..	257
	2012	5,043	3,337	937	..	540	2	227
	2013	4,762	2,808	1,069	..	603	45	237
Luxembourg	2010	4,590	3,046	1,468	..	55	21	..
	2011	3,718	2,498	1,130	..	64	26	..
	2012	3,818	2,543	1,160	..	77	38	..
	2013	2,888	1,573	1,158	..	83	74	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
52,974	50,872	378	1,724	580,009	362,335	26,975	140,556	50,143
50,614	48,649	327	1,638	562,454	362,124	23,184	107,971	69,175
44,094	42,421	350	1,323	585,718	381,003	27,499	99,460	77,756
44,892	43,466	182	1,244	588,266	379,057	28,600	97,290	83,319
..	..	..	..	177	177	..	..	..
..	..	..	..	171	171	..	..	..
..	..	..	..	176	176	..	..	..
..	..	..	..	189	189	..	..	..
2,492	2,492	..	..	54,900	44,543	7,485	..	2,872
2,553	2,553	..	..	56,883	48,683	4,275	..	3,925
2,351	2,351	..	..	58,608	48,473	4,591	..	5,544
1,885	1,885	..	..	55,267	41,096	6,384	..	7,787
..	..	..	..	152	152	..	..	..
..	..	..	..	85	85	..	..	..
..	..	..	..	68	68	..	..	..
..	..	..	..	289	289	..	..	..
426	425	..	1	36,945	20,462	188	15,761	534
696	695	..	1	35,323	18,790	222	15,685	626
516	508	..	8	34,110	17,334	213	15,793	770
612	555	..	57	29,661	13,360	213	15,370	718
..	..	..	..	17,059	2	12,592	..	4,465
..	..	..	..	17,211	2	12,507	..	4,702
..	..	..	..	17,549	3	12,337	..	5,209
..	..	..	..	18,116	5	12,863	..	5,248
1,947	1,947	..	..	26,655	23,064	776	..	2,815
1,962	1,962	..	..	25,510	20,423	707	..	4,380
2,124	2,124	..	..	25,472	20,448	1,014	..	4,010
2,058	2,058	..	..	24,064	18,599	923	..	4,542
..	..	..	..	498	495	3	..	..
..	..	..	..	499	496	3	..	..
..	..	..	..	296	292	4	..	..
..	..	..	..	*504	*500	*4	..	..
23,866	22,423	927	516	278,197	208,049	53,479	..	16,669
23,563	22,183	868	512	279,019	205,528	46,889	..	26,602
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	15	..	..	41	41	..	..	..
33	33	..	..	13	13	..	..	..
*34	*34	..	..	*13	*13	..	..	..
*34	*34	..	..	*13	*13	..	..	..
83	68	10	5	6,544	2,990	3,510	..	44
88	79	9	0	6,007	3,058	2,878	..	71
184	177	7	0	5,984	2,170	3,700	..	114
257	251	3	3	5,952	2,926	2,909	..	117
..	..	..	..	79	4	72	..	3
..	..	..	..	72	4	62	..	6
..	..	..	..	86	4	74	..	9
..	..	..	..	85	3	69	..	13
552	302	..	250	5,197	3,678	1,295	..	224
600	343	..	257	4,222	2,691	1,056	..	475
787	560	..	227	4,256	2,777	937	..	542
621	384	..	237	4,141	2,424	1,069	..	648
216	187	8	21	4,374	2,859	1,460	..	55
208	178	4	26	3,510	2,320	1,126	..	64
225	182	5	38	3,593	2,361	1,155	..	77
265	185	6	74	2,623	1,388	1,152	..	83

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Malta	2010	2,115	2,115	..	..	..	0	..
	2011	2,194	2,183	..	..	..	11	..
	2012	2,307	2,277	..	..	..	30	..
	2013	2,254	2,222	..	..	..	32	..
Montenegro	2010	4,022	1,272	2,750	..	..	..	..
	2011	2,656	1,452	1,204	..	..	..	..
	2012	2,844	1,367	1,477	..	..	..	..
	2013	3,809	1,311	2,498	..	..	..	..
Netherlands	2010	118,140	109,859	105	3,969	3,993	60	154
	2011	112,968	103,421	57	4,141	5,100	101	148
	2012	102,505	93,103	104	3,915	4,982	254	147
	2013	100,875	91,604	114	2,891	5,627	516	123
Norway	2010	123,640	5,454	117,152	..	879	..	155
	2011	127,632	4,716	121,552	..	1,283	..	81
	2012	147,716	3,354	142,812	..	1,548	..	2
	2013	134,240	3,174	129,022	..	1,894	..	150
Poland	2010	157,657	152,422	3,488	..	1,664	..	83
	2011	163,548	157,477	2,761	..	3,205	..	105
	2012	162,139	154,845	2,465	..	4,747	1	81
	2013	164,557	155,444	2,997	..	6,004	1	111
Portugal	2010	54,090	27,950	16,547	..	9,182	211	200
	2011	52,463	30,693	12,115	..	9,161	280	214
	2012	46,614	29,151	6,660	..	10,259	393	151
	2013	51,672	24,110	14,868	..	12,014	479	201
Republic of Moldova	2010	1,064	985	79	..	0	..	..
	2011	1,016	940	76	..	0	..	..
	2012	932	898	34	..	0	..	..
	2013	905	859	45	..	1	..	..
Romania	2010	60,979	28,807	20,243	11,623	306	0	..
	2011	62,217	34,135	14,946	11,747	1,388	1	..
	2012	59,045	32,594	12,337	11,466	2,640	8	..
	2013	58,887	27,021	15,308	11,618	4,520	420	..
Russian Federation	2010	1,038,030	698,709	168,397	170,415	4	..	505
	2011	1,054,765	713,689	167,608	172,941	5	..	522
	2012	1,070,734	725,399	167,319	177,534	5	..	477
	2013	1,059,092	703,481	182,654	172,508	5	..	444
Serbia	2010	38,103	25,532	12,571	..	..	..	..
	2011	38,600	29,357	9,243	..	..	..	..
	2012	36,799	26,885	9,914	..	..	..	..
	2013	39,877	29,024	10,853	..	..	..	..
Slovakia	2010	27,858	7,572	5,649	14,574	6	17	40
	2011	28,656	8,619	4,146	15,411	5	397	78
	2012	28,664	8,231	4,439	15,495	6	424	69
	2013	28,832	7,283	5,166	15,720	6	588	69
Slovenia	2010	16,433	6,066	4,697	5,657	0	13	..
	2011	16,057	6,074	3,703	6,215	0	65	..
	2012	15,729	5,958	4,080	5,528	0	163	..
	2013	16,087	5,661	4,907	5,300	4	215	..
Spain	2010	301,527	142,410	45,511	61,990	44,271	7,186	159
	2011	293,848	150,730	32,911	57,718	42,918	9,400	171
	2012	297,559	150,312	24,162	61,470	49,472	11,968	175
	2013	283,566	119,169	41,071	56,731	53,903	12,692	..
Sweden	2010	148,563	20,723	66,501	57,828	3,502	9	..
	2011	150,376	17,256	66,556	60,475	6,078	11	..
	2012	166,562	16,283	79,058	64,037	7,165	19	..
	2013	153,166	15,336	61,496	66,457	9,842	35	..

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	..	..	2,113	2,113	..	..	0
5	2	..	3	2,189	2,181	..	..	8
26	9	..	17	2,281	2,268	..	..	13
38	6	..	32	2,216	2,216	..	..	0
..	..	..	..	4,022	1,272	2,750	..	..
..	..	..	..	2,656	1,452	1,204	..	..
..	..	..	..	2,844	1,367	1,477	..	..
..	..	..	..	3,809	1,311	2,498	..	..
23,026	22,045	..	981	95,114	87,814	105	3,969	3,226
24,189	22,578	..	1,611	88,779	80,843	57	4,141	3,738
24,347	22,691	..	1,656	78,158	70,412	104	3,915	3,727
23,711	21,766	..	1,945	77,164	69,838	114	2,891	4,321
10,050	5,151	4,773	126	113,590	303	112,379	..	908
9,538	4,379	5,101	58	118,094	337	116,451	..	1,306
8,619	2,897	5,720	2	139,097	457	137,092	..	1,548
8,472	2,695	5,627	150	125,768	479	123,395	..	1,894
7,966	7,881	2	83	149,691	144,541	3,486	..	1,664
8,342	8,235	2	105	155,206	149,242	2,759	..	3,205
8,449	8,365	2	82	153,690	146,480	2,463	..	4,747
8,917	8,802	3	112	155,640	146,642	2,994	..	6,004
7,742	7,720	19	3	46,348	20,230	16,528	..	9,590
8,347	8,251	14	82	44,116	22,442	12,101	..	9,573
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
38	38	..	..	1,026	947	79	..	0
34	34	..	..	982	906	76	..	0
32	32	..	..	900	866	34	..	0
44	44	..	..	861	815	45	..	1
2,657	2,383	268	6	58,322	26,424	19,975	11,623	300
2,780	2,626	129	25	59,437	31,509	14,817	11,747	1,364
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
61,904	60,996	908	..	976,126	637,713	167,489	170,415	509
64,108	63,002	1,106	..	990,657	650,687	166,502	172,941	527
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
286	286	..	..	37,817	25,246	12,571	..	..
230	230	..	..	38,370	29,127	9,243	..	..
171	171	..	..	36,628	26,714	9,914	..	..
202	202	..	..	39,675	28,822	10,853	..	..
2,040	1,869	110	61	25,818	5,703	5,539	14,574	2
2,492	1,996	101	395	26,164	6,623	4,045	15,411	85
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
464	292	160	12	15,969	5,774	4,537	5,657	1
434	249	122	63	15,623	5,825	3,581	6,215	2
527	251	119	157	15,202	5,707	3,961	5,528	6
606	247	150	209	15,481	5,414	4,757	5,300	10
38,769	37,722	847	200	262,758	104,688	44,664	61,990	51,416
40,818	39,750	861	207	253,030	110,980	32,050	57,718	52,282
41,427	40,752	462	213	256,132	109,560	23,700	61,470	61,402
38,761	37,929	792	40	244,805	81,240	40,279	56,731	66,555
6,606	6,592	14	..	141,957	14,131	66,487	57,828	3,511
6,015	6,000	15	..	144,361	11,256	66,541	60,475	6,089
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

Table 32

Production of electricity - by type

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Switzerland	2010	67,815	3,531	37,825	26,339	37	83	..
	2011	64,629	3,567	34,133	26,710	70	149	..
	2012	69,893	3,739	40,305	25,441	88	320	..
	2013	70,312	3,720	39,968	25,990	90	544	..
T.F.Yug. Rep. Macedonia	2010	7,260	4,829	2,431	..	..	..	..
	2011	6,759	5,325	1,433	..	..	1	..
	2012	6,262	5,218	1,041	..	..	3	..
	2013	6,094	4,501	1,584	..	..	9	..
Ukraine	2010	188,584	86,229	13,152	89,152	50	1	..
	2011	194,947	93,634	10,946	90,248	89	30	..
	2012	198,878	97,126	10,994	90,137	288	333	..
	2013	194,377	95,487	14,472	83,209	639	570	..
United Kingdom	2010	381,710	302,630	6,718	62,140	10,180	40	2
	2011	367,252	273,968	8,587	68,980	15,472	244	1
	2012	363,410	263,738	8,251	70,405	19,661	1,351	4
	2013	359,154	250,474	7,596	70,608	28,434	2,036	6
Oceania	2010	307,538	254,131	40,280	..	6,749	434	5,944
	2011	308,233	248,674	44,023	..	7,814	1,540	6,182
	2012	304,704	248,479	39,167	..	8,256	2,570	6,233
	2013	303,601	240,351	43,554	..	9,409	3,836	6,452
American Samoa	2010	159	159	..	..	..	..	..
	2011	155	155	..	..	..	..	..
	2012	157	156	..	..	..	1	..
	2013	*156	*155	..	..	..	*1	..
Australia	2010	252,297	233,270	13,549	..	5,052	425	1
	2011	253,300	229,154	16,807	..	5,807	1,531	1
	2012	250,008	227,253	14,083	..	6,113	2,558	1
	2013	249,060	219,644	18,270	..	7,328	3,817	1
Cook Islands	2010	34	34	..	..	..	..	..
	2011	34	34	..	..	..	..	..
	2012	33	33	..	..	..	..	..
	2013	33	33	..	..	..	..	..
Fiji	2010	835	415	414	..	6	..	..
	2011	801	340	456	..	5	..	..
	2012	803	271	525	..	7	..	..
	2013	858	325	527	..	5	..	..
French Polynesia	2010	*817	*538	276	..	..	*3	..
	2011	*761	*533	*225	..	..	*3	..
	2012	*765	*553	*209	..	..	*3	..
	2013	*741	*542	*195	..	..	*4	..
Guam	2010	*1,882	*1,882	..	..	..	..	..
	2011	*1,858	*1,858	..	..	..	..	..
	2012	*1,799	*1,799	..	..	..	..	..
	2013	1,736	1,736	..	..	..	..	..
Kiribati	2010	*24	*24	..	..	..	..	..
	2011	*24	*24	..	..	..	..	..
	2012	*24	*24	..	..	..	..	..
	2013	*24	*24	..	..	..	..	..
Marshall Islands	2010	*114	*114	..	..	..	..	..
	2011	*114	*114	..	..	..	..	..
	2012	*114	*114	..	..	..	..	..
	2013	*114	*114	..	..	..	..	..
Micronesia(Fed. States of)	2010	70	68	..	..	..	*2	..
	2011	66	64	..	..	..	*2	..
	2012	*67	*65	..	..	..	*2	..
	2013	*68	*66	..	..	..	*2	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
5,595	2,711	2,801	83	62,220	820	35,024	26,339	37
5,414	2,782	2,483	149	59,215	785	31,650	26,710	70
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
2	2	..	..	7,258	4,827	2,431	..	..
2	2	..	..	6,757	5,323	1,433	..	1
2	2	..	..	6,260	5,216	1,041	..	3
2	2	..	..	6,092	4,499	1,584	..	9
4,846	4,818	28	..	183,738	81,411	13,124	89,152	51
3,653	3,632	21	..	191,294	90,002	10,925	90,248	119
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
41,637	38,691	865	2,081	340,073	263,939	5,853	62,140	8,141
40,544	36,414	1,088	3,042	326,708	237,554	7,499	68,980	12,675
41,078	35,917	1,115	4,046	322,332	227,821	7,136	70,405	16,970
39,664	31,929	1,089	6,646	319,490	218,545	6,507	70,608	23,830
20,358	19,450	372	537	287,180	234,681	39,908	..	12,590
21,997	19,980	372	1,645	286,236	228,693	43,651	..	13,892
23,702	20,678	373	2,651	281,003	227,801	38,794	..	14,408
21,341	17,055	374	3,913	282,260	223,296	43,180	..	15,784
..	..	..	..	159	159	..	..	..
..	..	..	..	155	155	..	..	..
..	..	..	..	157	156	..	..	1
..	..	..	..	*156	*155	..	..	*1
16,430	16,009	..	421	235,867	217,261	13,549	..	5,057
18,070	16,543	..	1,527	235,230	212,611	16,807	..	5,812
19,677	17,122	..	2,555	230,331	210,131	14,083	..	6,117
16,465	12,652	..	3,813	232,595	206,992	18,270	..	7,333
..	..	..	..	34	34	..	..	..
..	..	..	..	34	34	..	..	..
..	..	..	..	33	33	..	..	..
..	..	..	..	33	33	..	..	..
53	53	..	..	783	363	414	..	6
44	44	..	..	757	295	456	..	5
48	48	..	..	755	223	525	..	7
47	47	..	..	811	278	527	..	5
..	..	..	..	*817	*538	276	..	*3
..	..	..	..	*761	*533	*225	..	*3
..	..	..	..	*765	*553	*209	..	*3
..	..	..	..	*741	*542	*195	..	*4
..	..	..	..	*1,882	*1,882	..	..	..
..	..	..	..	*1,858	*1,858	..	..	..
..	..	..	..	*1,799	*1,799	..	..	..
..	..	..	..	1,736	1,736	..	..	..
..	..	..	..	*24	*24	..	..	..
..	..	..	..	*24	*24	..	..	..
..	..	..	..	*24	*24	..	..	..
..	..	..	..	*24	*24	..	..	..
..	..	..	..	*114	*114	..	..	..
..	..	..	..	*114	*114	..	..	..
..	..	..	..	*114	*114	..	..	..
..	..	..	..	*114	*114	..	..	..
..	..	..	..	70	68	..	..	*2
..	..	..	..	66	64	..	..	*2
..	..	..	..	*67	*65	..	..	*2
..	..	..	..	*68	*66	..	..	*2

Table 32**Production of electricity - by type**

Gigawatt-hours

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Nauru	2010	23	23	..	..	..	..	..
	2011	23	23	..	..	..	..	..
	2012	24	24	..	..	..	..	..
	2013	*24	*24	..	..	..	..	..
New Caledonia	2010	2,131	1,811	265	..	52	3	..
	2011	2,267	1,843	375	..	46	4	..
	2012	2,288	1,827	399	..	57	5	..
	2013	2,506	1,994	455	..	52	5	..
New Zealand	2010	44,876	12,583	24,716	..	1,634	..	5,943
	2011	44,465	11,218	25,114	..	1,952	..	6,181
	2012	44,255	13,046	22,901	..	2,076	..	6,232
	2013	43,256	11,734	23,044	..	2,020	7	6,451
Niue	2010	*3	*3	..	..	..	..	..
	2011	*3	*3	..	..	..	..	..
	2012	*3	*3	..	..	..	..	..
	2013	*3	*3	..	..	..	..	..
Northern Mariana Islands	2010	*400	*400	..	..	..	..	..
	2011	*400	*400	..	..	..	..	..
	2012	*400	*400	..	..	..	..	..
	2013	*400	*400	..	..	..	..	..
Palau	2010	*98	*80	*18	..	..	..	..
	2011	*96	*78	*18	..	..	..	..
	2012	*96	*78	*18	..	..	..	..
	2013	*96	*78	*18	..	..	..	..
Papua New Guinea	2010	3,425	2,439	987	..	..	..	..
	2011	3,525	2,539	987	..	..	..	..
	2012	*3,525	*2,539	*987	..	..	..	..
	2013	*4,176	*3,175	1,000	..	..	..	..
Samoa	2010	116	69	48	..	..	..	..
	2011	114	79	35	..	..	..	..
	2012	117	80	37	..	..	..	..
	2013	*118	*81	*37	..	..	..	..
Solomon Islands	2010	87	87	..	..	..	..	..
	2011	83	83	..	..	..	..	..
	2012	83	83	..	..	..	..	..
	2013	89	89	..	..	..	..	..
Tonga	2010	52	52	..	..	..	..	..
	2011	53	53	..	..	..	..	..
	2012	52	52	..	..	..	..	..
	2013	53	53	..	..	..	..	..
Tuvalu	2010	*5	*5	..	..	..	..	..
	2011	*5	*5	..	..	..	..	..
	2012	*5	*5	..	..	..	..	..
	2013	*5	*5	..	..	..	..	..
Vanuatu	2010	69	56	8	..	5	..	..
	2011	*68	*57	6	..	*5	0	..
	2012	67	57	7	..	3	0	..
	2013	*68	*58	*7	..	*3	0	..
Wallis and Futuna Is.	2010	20	20	..	..	..	..	..
	2011	20	20	..	..	..	..	..
	2012	19	19	..	..	..	..	..
	2013	19	19	..	..	..	..	..

Table 32

Production of electricity - by type

Gigawatt-hours

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	23	23	..	..	..
..	..	..	..	23	23	..	..	..
..	..	..	..	24	24	..	..	..
..	..	..	..	*24	*24	..	..	..
*1	..	..	*1	2,131	1,811	265	..	54
*11	*10	..	*1	2,256	1,833	375	..	49
24	23	..	*1	2,264	1,804	399	..	61
207	206	..	1	2,299	1,788	455	..	56
1,391	1,264	12	115	43,485	11,319	24,704	..	7,462
1,288	1,159	12	117	43,177	10,059	25,102	..	8,016
1,369	1,261	13	95	42,886	11,785	22,888	..	8,213
1,405	1,293	13	99	41,851	10,441	23,031	..	8,379
..	..	..	..	*3	*3	..	..	..
..	..	..	..	*3	*3	..	..	..
..	..	..	..	*3	*3	..	..	..
..	..	..	..	*3	*3	..	..	..
..	..	..	..	*400	*400	..	..	..
..	..	..	..	*400	*400	..	..	..
..	..	..	..	*400	*400	..	..	..
..	..	..	..	*400	*400	..	..	..
*6	*6	..	..	*92	*74	*18	..	..
*6	*6	..	..	*90	*72	*18	..	..
*6	*6	..	..	*90	*72	*18	..	..
*6	*6	..	..	*90	*72	*18	..	..
2,465	2,105	360	..	960	334	627	..	..
2,565	2,205	360	..	960	334	627	..	..
*2,565	*2,205	*360	..	*960	*334	*627	..	..
*3,199	*2,838	361	..	977	337	640	..	..
*5	*5	..	..	111	64	48	..	..
*5	*5	..	..	109	74	35	..	..
*5	*5	..	..	112	75	37	..	..
*5	*5	..	..	*113	*76	*37	..	..
*8	*8	..	..	79	79	..	..	..
*8	*8	..	..	75	75	..	..	..
*8	*8	..	..	75	75	..	..	..
*8	*8	..	..	81	81	..	..	..
..	..	..	..	52	52	..	..	..
..	..	..	..	53	53	..	..	..
..	..	..	..	52	52	..	..	..
..	..	..	..	53	53	..	..	..
..	..	..	..	*5	*5	..	..	..
..	..	..	..	*5	*5	..	..	..
..	..	..	..	*5	*5	..	..	..
..	..	..	..	*5	*5	..	..	..
..	..	..	..	69	56	8	..	5
..	..	..	..	*68	*57	6	..	*5
..	..	..	..	67	57	7	..	3
..	..	..	..	*68	*58	*7	..	*3
..	..	..	..	20	20	..	..	..
..	..	..	..	20	20	..	..	..
..	..	..	..	19	19	..	..	..
..	..	..	..	19	19	..	..	..

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.

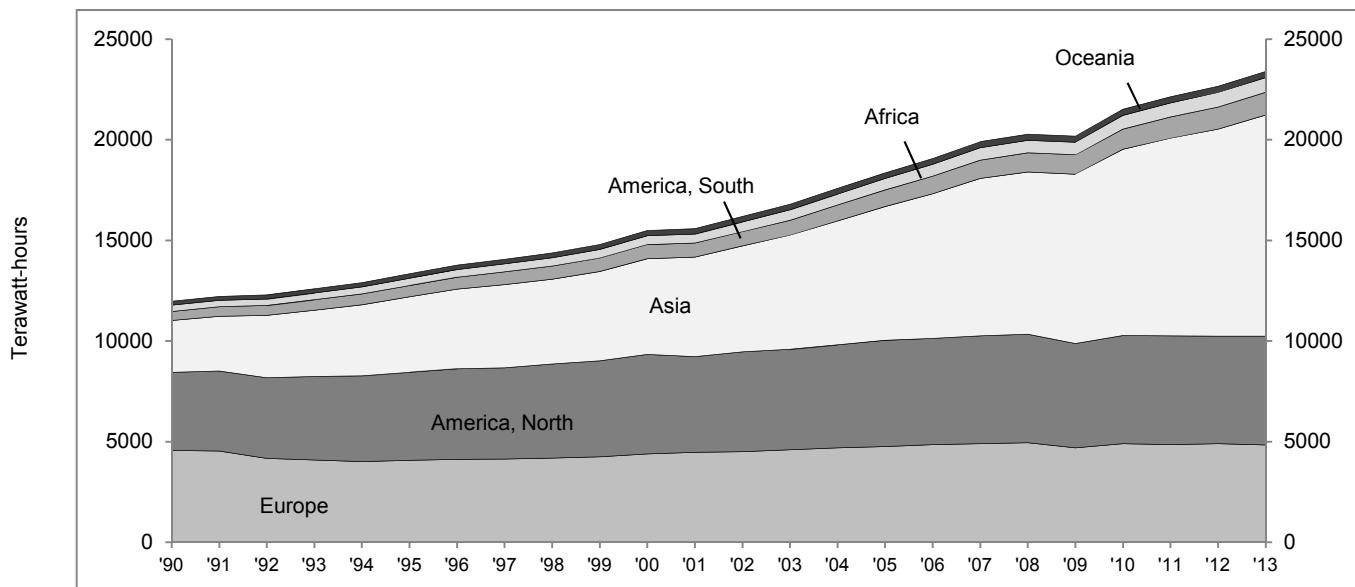
Figure 81: World electricity generation, 1990-2013

Figure 82: Major electricity producing countries, 2013

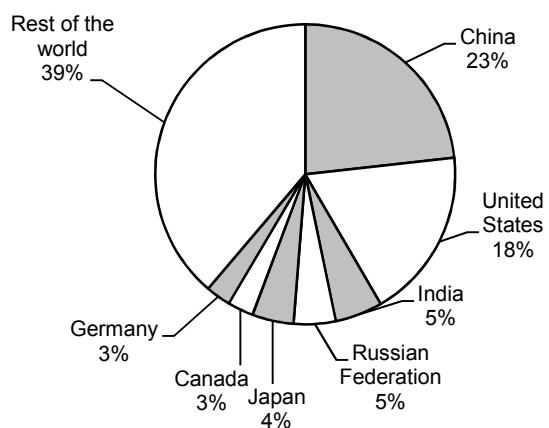


Figure 83: Major electricity consuming countries, 2013

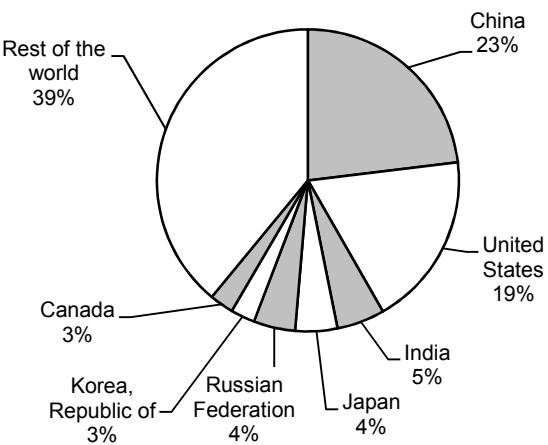


Table 33

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	2010	21,516,074	598,465	588,865	21,525,674	3,107	3,628,598	17,866,624
	2011	22,138,320	659,640	641,860	22,156,100	3,159	3,772,615	18,412,614
	2012	22,652,573	682,649	666,905	22,668,318	3,194	3,828,862	18,849,735
	2013	23,395,101	693,072	657,412	23,430,761	3,263	3,959,255	19,518,199
Africa	2010	677,886	37,981	34,134	681,733	653	128,339	549,760
	2011	700,686	37,931	33,732	704,885	659	130,654	568,472
	2012	722,810	36,541	30,510	728,841	663	136,302	588,103
	2013	735,652	36,670	28,849	743,473	659	150,925	590,481
Algeria	2010	45,734	736	803	45,667	1,267	12,195	33,470
	2011	51,224	657	799	51,082	1,391	15,213	35,867
	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
Angola	2010	5,449	..	..	5,449	257	763	4,686
	2011	5,651	..	..	5,651	258	776	4,875
	2012	5,613	..	..	5,613	247	771	4,842
	2013	5,995	..	..	5,995	256	823	5,172
Benin	2010	150	935	..	1,085	114	207	842
	2011	155	928	..	1,083	111	214	869
	2012	163	979	..	1,142	114	225	917
	2013	173	1,035	..	1,208	117	239	969
Botswana	2010	532	2,985	..	3,517	1,717	408	3,109
	2011	437	3,180	..	3,617	1,731	500	3,118
	2012	251	3,371	..	3,622	1,698	424	3,198
	2013	761	2,981	..	3,743	1,720	432	3,310
Burkina Faso	2010	565	385	..	950	61	168	*781
	2011	530	495	..	1,025	64	*175	*850
	2012	626	515	..	1,141	69	*196	*945
	2013	*731	532	..	*1,262	*74	*225	*1,037
Burundi	2010	142	95	..	237	25	*48	*200
	2011	141	*99	..	240	24	8	*244
	2012	142	*99	..	240	24	8	*238
	2013	159	*99	..	258	25	8	*259
Cabo Verde	2010	347	..	..	347	708	96	251
	2011	362	..	..	362	731	102	260
	2012	371	..	..	371	740	108	263
	2013	391	..	..	391	770	107	284
Cameroon	2010	5,899	..	..	5,899	286	1,036	4,863
	2011	5,943	..	..	5,943	281	1,173	4,770
	2012	6,263	..	..	6,263	289	1,272	4,991
	2013	6,849	..	..	6,849	308	1,580	5,269
Central African Rep.	2010	*160	..	..	*160	*36	*11	*149
	2011	*174	..	..	*174	*38	*18	*156
	2012	*177	..	..	*177	*38	*18	*159
	2013	*181	..	..	*181	*38	*21	*161
Chad	2010	200	..	..	200	17	18	*182
	2011	*218	..	..	*218	*18	*18	*200
	2012	205	..	..	205	16	19	*186
	2013	*205	..	..	*205	*16	*19	*186
Comoros	2010	*43	..	..	*43	*62	*2	*41
	2011	*43	..	..	*43	*60	*2	*41
	2012	*43	..	..	*43	*59	*2	*41
	2013	*43	..	..	*43	*57	*2	*41

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
Congo	2010	782	281	0	1,063	261	552	500
	2011	1,293	27	27	1,293	310	816	606
	2012	1,709	25	25	1,709	399	949	801
	2013	1,768	43	0	1,811	412	982	829
Côte d'Ivoire	2010	5,965	145	491	5,619	279	1,502	4,117
	2011	6,099	22	615	5,506	267	1,670	3,836
	2012	7,016	54	645	6,425	304	1,717	4,708
	2013	7,567	59	696	6,930	320	1,851	5,079
Dem. Rep. of the Congo	2010	7,881	161	916	7,126	108	863	6,263
	2011	7,875	44	171	7,748	114	1,030	6,718
	2012	7,956	0	0	7,956	113	850	7,106
	2013	8,627	0	0	8,627	119	922	7,705
Djibouti	2010	*379	..	..	*379	*456	90	*289
	2011	*387	..	..	*387	*460	97	*290
	2012	393	..	..	393	461	*96	*297
	2013	402	..	..	402	465	*96	*306
Egypt	2010	150,486	152	1,595	149,043	1,817	19,862	126,934
	2011	161,162	102	1,679	159,585	1,905	21,568	135,838
	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
Equatorial Guinea	2010	*102	..	..	*102	*140	*18	*79
	2011	*104	..	..	*104	*138	*21	*83
	2012	*107	..	..	*107	*138	*24	*83
	2013	*110	..	..	*110	*138	*27	*83
Eritrea	2010	311	..	..	311	66	54	256
	2011	337	..	..	337	70	64	273
	2012	359	..	..	359	73	71	288
	2013	363	..	..	363	73	69	294
Ethiopia	2010	4,980	..	0	4,980	57	1,143	3,837
	2011	6,336	..	332	6,004	67	1,634	4,370
	2012	7,608	..	563	7,045	76	1,769	5,276
	2013	8,719	..	954	7,765	82	1,678	6,087
Gabon	2010	1,963	..	..	1,963	1,273	488	1,475
	2011	2,057	..	..	2,057	1,304	509	1,548
	2012	2,198	..	..	2,198	1,362	544	1,654
	2013	2,400	..	..	2,400	1,454	595	1,805
Gambia	2010	*245	..	..	*245	*145	*23	*236
	2011	*256	..	..	*256	*146	*24	*246
	2012	*266	..	..	*266	*147	*25	*256
	2013	*261	..	..	*261	*140	*19	*249
Ghana	2010	10,167	106	1,036	9,237	380	2,366	6,860
	2011	11,366	81	691	10,756	431	1,569	9,186
	2012	12,204	128	667	11,665	457	1,510	9,258
	2013	13,047	27	530	12,544	479	1,961	10,583
Guinea	2010	957	..	..	957	87	340	*617
	2011	890	..	..	890	79	320	*570
	2012	1,069	..	..	1,069	92	499	*570
	2013	995	..	..	995	83	497	*499
Guinea-Bissau	2010	*32	..	..	*32	*20	0	*32
	2011	*33	..	..	*33	*20	0	*33
	2012	*34	..	..	*34	*20	0	*34
	2013	*35	..	..	*35	*20	0	*35

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	2010	6,976	30	30	6,976	173	1,222	5,729
	2011	7,560	34	37	7,557	182	1,283	6,500
	2012	7,852	39	33	7,858	185	1,444	6,760
	2013	8,448	49	36	8,461	194	1,526	7,296
Lesotho	2010	567	201	6	762	379	*14	615
	2011	549	220	46	723	355	*14	651
	2012	485	279	21	744	362	*14	*666
	2013	515	281	2	794	381	*14	710
Liberia	2010	*250	..	..	*250	*63	*35	*215
	2011	*300	..	..	*300	*74	*44	*256
	2012	*300	..	..	*300	*72	*44	*256
	2013	*300	..	..	*300	*70	*44	*256
Libya	2010	32,753	70	152	32,671	5,214	5,314	27,357
	2011	27,614	59	128	27,545	4,380	5,533	22,012
	2012	33,980	61	14	34,027	5,415	5,530	28,497
	2013	30,283	64	1	30,346	4,843	7,881	22,465
Madagascar	2010	1,360	..	..	1,360	65	*60	1,014
	2011	1,438	..	..	1,438	66	*62	1,053
	2012	1,520	..	..	1,520	68	*64	1,100
	2013	1,594	..	..	1,594	70	*65	1,222
Malawi	2010	2,024	..	21	2,003	136	*288	1,716
	2011	1,979	..	20	1,959	129	*281	1,678
	2012	*1,666	..	18	*1,648	*105	*239	1,409
	2013	*1,666	..	*18	*1,648	*102	239	*1,409
Mali	2010	1,292	..	368	924	61	*132	1,191
	2011	1,381	..	*368	1,013	65	*133	*1,201
	2012	1,363	..	*368	995	62	*135	*1,215
	2013	1,510	..	*300	1,210	73	131	1,281
Mauritania	2010	727	115	..	842	235	159	669
	2011	744	*115	..	859	233	152	698
	2012	824	*115	..	939	249	159	771
	2013	790	*115	..	905	234	199	706
Mauritius	2010	2,690	..	..	2,690	2,155	515	2,165
	2011	2,731	..	..	2,731	2,179	502	2,218
	2012	2,797	..	..	2,797	2,222	501	2,284
	2013	2,888	..	..	2,888	2,286	226	2,660
Morocco	2010	22,853	3,939	..	26,792	821	3,087	23,705
	2011	24,364	4,607	..	28,971	876	3,301	25,670
	2012	26,495	4,841	..	31,336	935	3,777	*27,559
	2013	28,134	5,551	151	33,534	986	6,037	28,385
Mozambique	2010	16,666	8,533	12,075	13,124	540	2,601	9,831
	2011	16,830	8,570	11,954	13,446	537	2,605	10,141
	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
Namibia	2010	1,488	2,462	207	3,743	1,706	367	3,376
	2011	1,607	2,389	79	3,917	1,749	*450	*3,467
	2012	1,538	2,226	88	3,676	1,604	*450	*3,635
	2013	1,712	2,907	89	4,530	1,930	750	3,772
Niger	2010	292	551	2	841	52	156	685
	2011	324	607	4	927	55	181	747
	2012	392	637	4	1,024	58	202	826
	2013	438	602	3	1,037	56	194	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
Nigeria	2010	26,121	..	..	26,121	164	5,461	20,660
	2011	27,034	..	..	27,034	165	3,587	23,447
	2012	28,706	..	..	28,706	171	3,547	25,159
	2013	28,961	..	..	28,961	168	5,474	23,487
Réunion	2010	2,700	..	..	2,700	3,250	233	2,467
	2011	2,750	..	..	2,750	3,285	243	2,498
	2012	2,812	..	..	2,812	3,334	284	2,540
	2013	2,813	..	..	2,813	3,312	*284	*2,541
Rwanda	2010	281	80	3	358	35	*72	287
	2011	346	78	5	418	40	*92	326
	2012	393	91	3	481	44	*101	380
	2013	413	94	0	507	46	*119	388
Sao Tome and Principe	2010	57	..	..	57	335	15	42
	2011	*60	..	..	*60	*344	*16	*44
	2012	*67	..	..	*67	*375	*16	*51
	2013	*67	..	..	*67	*367	*16	*51
Senegal	2010	2,618	253	..	2,871	222	327	2,056
	2011	2,560	257	..	2,817	211	299	2,031
	2012	2,917	290	..	3,207	233	343	2,313
	2013	3,403	0	..	3,403	239	632	3,079
Seychelles	2010	301	..	..	301	3,234	*41	260
	2011	324	..	..	324	3,452	*44	280
	2012	336	..	..	336	3,560	*47	290
	2013	354	..	..	354	3,720	*47	307
Sierra Leone	2010	*171	..	..	*171	*30	85	85
	2011	176	..	..	176	30	90	86
	2012	179	..	..	179	30	79	100
	2013	164	..	..	164	27	95	69
Somalia	2010	327	..	..	327	34	*32	295
	2011	334	..	..	334	34	*33	301
	2012	340	..	..	340	34	*32	308
	2013	350	..	..	350	34	*35	315
South Africa	2010	259,608	12,193	14,668	257,133	4,981	54,492	202,827
	2011	262,538	11,890	14,964	259,464	4,967	52,275	204,541
	2012	257,919	10,006	15,035	252,890	4,786	52,813	197,094
	2013	256,073	9,428	13,929	251,572	4,710	52,316	196,066
South Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	445	..	..	445	41	44	385
	2013	472	..	..	472	41	45	415
St. Helena and Depend.	2010	9	..	..	9	2,226	*1	8
	2011	9	..	..	9	2,269	*1	8
	2012	10	..	..	10	2,362	*1	9
	2013	11	..	..	11	2,645	*2	9
Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	9,510	..	..	9,510	252	1,900	7,611
	2013	10,607	..	..	10,607	275	2,712	7,895
Sudan (former)	2010	7,499	..	..	7,499	164	1,473	6,026
	2011	8,455	..	..	8,455	181	1,765	6,690
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..

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	2010	560	909	..	1,469	1,231	182	1,288
	2011	654	806	..	1,460	1,204	177	1,283
	2012	*622	813	..	1,435	1,165	189	1,246
	2013	*590	822	..	1,412	1,129	184	1,227
Togo	2010	179	706	..	885	138	92	802
	2011	128	853	..	981	149	101	881
	2012	111	959	..	1,070	159	101	969
	2013	111	1,008	..	1,119	162	106	1,000
Tunisia	2010	16,369	141	122	16,388	1,540	2,826	13,551
	2011	16,497	131	161	16,467	1,531	3,210	13,239
	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
Uganda	2010	*2,456	*29	*75	*2,410	*73	*800	*1,521
	2011	*2,588	*36	89	*2,535	*74	*777	*1,731
	2012	*2,640	*37	*91	*2,586	*73	*792	*1,766
	2013	*2,861	47	105	*2,803	*77	922	2,070
United Rep. of Tanzania	2010	5,274	57	..	5,331	117	1,053	4,092
	2011	5,093	55	..	5,148	109	1,168	3,995
	2012	5,589	61	..	5,650	116	1,061	4,441
	2013	5,574	59	..	5,633	112	1,155	4,836
Zambia	2010	11,308	13	578	10,743	772	2,948	7,789
	2011	11,482	13	587	10,908	760	2,994	7,908
	2012	11,856	13	606	11,263	762	3,091	8,166
	2013	*13,318	73	1,083	*12,308	*807	1,462	10,846
Zimbabwe	2010	8,640	1,718	987	9,371	671	2,003	7,368
	2011	9,165	1,577	976	9,766	685	1,723	8,043
	2012	9,124	1,201	653	9,672	664	1,841	7,831
	2013	9,483	1,922	816	10,589	711	3,033	7,556
America, North	2010	5,375,073	65,129	65,304	5,374,899	9,828	797,410	4,583,733
	2011	5,407,396	69,328	68,526	5,408,198	9,789	803,313	4,603,120
	2012	5,350,448	72,093	72,581	5,349,960	9,589	796,400	4,566,683
	2013	5,392,368	90,524	81,195	5,401,698	9,590	783,678	4,625,330
Anguilla	2010	99	..	..	99	7,162	11	*87
	2011	95	..	..	95	6,821	12	*84
	2012	90	..	..	90	6,333	11	*79
	2013	89	..	..	89	6,196	11	*77
Antigua and Barbuda	2010	*326	..	..	*326	*3,737	*91	*221
	2011	*325	..	..	*325	*3,687	*91	*230
	2012	*327	..	..	*327	*3,671	*92	*235
	2013	*330	..	..	*330	*3,667	*92	*237
Aruba	2010	940	..	..	940	9,254	151	*790
	2011	931	..	..	931	9,128	159	*772
	2012	915	..	..	915	8,931	148	*766
	2013	*928	..	..	*928	*9,018	149	*779
Bahamas	2010	2,011	..	..	2,011	5,573	74	1,878
	2011	2,054	..	..	2,054	5,601	74	1,924
	2012	1,901	..	..	1,901	5,105	74	1,776
	2013	1,885	..	..	1,885	4,989	74	1,767
Barbados	2010	1,028	..	..	1,028	3,676	70	958
	2011	1,049	..	..	1,049	3,738	109	940
	2012	1,129	..	..	1,129	4,008	80	1,048
	2013	1,016	..	..	1,016	3,596	101	915

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
Belize	2010	415	160	..	575	1,788	65	509
	2011	384	171	..	555	1,686	70	485
	2012	*424	172	..	*596	*1,771	70	*527
	2013	*371	234	..	*606	*1,760	80	*536
Bermuda	2010	742	..	..	742	11,608	99	651
	2011	*726	..	..	*726	*11,417	*96	636
	2012	*692	..	..	*692	*10,953	*87	606
	2013	*673	..	..	*673	*10,721	*87	586
Bonaire, St Eustatius, Saba	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	*119	..	..	*119	*5,168	*30	*88
	2013	*122	..	..	*122	*5,146	*31	*91
British Virgin Islands	2010	*128	..	..	*128	*4,702	*21	*107
	2011	131	..	..	131	4,694	*21	*110
	2012	*130	..	..	*130	*4,560	*21	*109
	2013	*130	..	..	*130	*4,474	*21	*109
Canada	2010	599,082	18,686	44,389	573,379	16,802	97,598	478,637
	2011	633,070	14,962	51,517	596,515	17,290	103,369	488,004
	2012	633,187	10,887	57,865	586,209	16,812	101,146	495,718
	2013	651,919	17,111	67,114	601,916	17,085	105,101	485,191
Cayman Islands	2010	624	..	..	624	11,241	53	571
	2011	626	..	..	626	11,064	53	573
	2012	607	..	..	607	10,552	39	568
	2013	616	..	..	616	10,545	41	574
Costa Rica	2010	9,583	165	136	9,612	2,115	1,071	8,565
	2011	9,831	283	320	9,795	2,129	1,151	8,673
	2012	10,174	419	402	10,191	2,190	1,192	9,019
	2013	12,243	531	484	12,290	2,611	3,200	9,103
Cuba	2010	17,387	..	..	17,387	1,538	3,691	17,109
	2011	17,759	..	..	17,759	1,568	3,734	17,760
	2012	18,432	..	..	18,432	1,625	3,901	18,432
	2013	19,140	..	..	19,140	1,684	3,961	18,135
Curaçao	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	933	..	..	933	6,113	236	697
	2013	917	..	..	917	5,943	233	684
Dominica	2010	99	..	..	99	1,392	12	87
	2011	100	..	..	100	1,406	12	89
	2012	102	..	..	102	1,417	12	90
	2013	101	..	..	101	1,399	11	89
Dominican Republic	2010	16,116	..	..	16,116	1,628	2,364	13,752
	2011	16,701	..	..	16,701	1,666	2,509	14,192
	2012	17,746	..	..	17,746	1,747	2,661	15,085
	2013	18,799	..	..	18,799	1,828	3,096	15,704
El Salvador	2010	5,985	174	89	6,070	1,005	1,040	5,024
	2011	5,837	251	118	5,970	986	979	5,169
	2012	5,972	163	78	6,057	997	1,012	4,765
	2013	5,896	374	91	6,179	1,015	1,001	4,947
Greenland	2010	401	..	..	401	7,093	*49	300
	2011	*412	..	..	*412	*7,305	*50	320
	2012	416	..	..	416	7,383	*48	314
	2013	416	..	..	416	7,395	*47	318

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	2010	209	..	..	209	1,994	24	185
	2011	204	..	..	204	1,942	23	181
	2012	200	..	..	200	1,893	21	179
	2013	197	..	..	197	1,857	21	176
Guadeloupe	2010	*1,809	..	..	*1,809	*3,960	*159	*1,650
	2011	*1,767	..	..	*1,767	*3,852	*155	*1,612
	2012	*1,805	..	..	*1,805	*3,916	*159	*1,646
	2013	*1,809	..	..	*1,809	*3,903	*160	*1,649
Guatemala	2010	8,893	362	139	9,116	619	1,568	7,549
	2011	9,181	511	193	9,499	631	1,852	7,647
	2012	9,412	372	346	9,438	614	1,697	7,741
	2013	9,826	313	669	9,470	604	*1,182	8,288
Haiti	2010	587	..	..	587	59	358	228
	2011	974	..	..	974	96	686	235
	2012	1,148	..	..	1,148	112	655	493
	2013	1,105	..	..	1,105	106	618	456
Honduras	2010	6,777	22	13	6,786	904	1,659	5,100
	2011	7,653	171	127	7,697	1,010	2,080	5,449
	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
Jamaica	2010	4,217	..	..	4,217	1,538	918	3,301
	2011	4,171	..	..	4,171	1,515	997	3,176
	2012	4,156	..	..	4,156	1,504	1,076	3,081
	2013	4,256	..	..	4,256	1,535	1,212	*3,039
Martinique	2010	*1,808	..	..	*1,808	*4,582	*86	*1,582
	2011	*1,764	..	..	*1,764	*4,470	*82	*1,547
	2012	*1,780	..	..	*1,780	*4,507	*85	*1,558
	2013	*1,764	..	..	*1,764	*4,460	*84	*1,544
Mexico	2010	271,050	397	1,349	270,098	2,277	62,628	207,947
	2011	295,837	596	1,164	295,269	2,453	69,611	225,921
	2012	293,862	630	1,754	292,738	2,398	62,519	229,807
	2013	297,079	1,210	1,240	297,049	2,401	57,542	241,571
Montserrat	2010	*23	..	..	*23	*4,644	*4	*19
	2011	*23	..	..	*23	*4,606	*4	*19
	2012	*23	..	..	*23	*4,573	*4	*19
	2013	*23	..	..	*23	*4,543	*4	*19
Neth. Antilles (former)	2010	1,323	..	..	1,323	6,370	336	987
	2011	1,325	..	..	1,325	6,216	336	989
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Nicaragua	2010	3,659	10	43	3,626	632	975	2,641
	2011	3,824	10	41	3,793	653	980	2,821
	2012	4,031	20	3	4,048	689	994	2,944
	2013	4,163	52	16	4,199	706	1,043	3,196
Panama	2010	7,419	71	39	7,451	2,058	1,087	6,388
	2011	7,857	72	8	7,921	2,151	1,088	6,695
	2012	8,606	19	59	8,566	2,288	1,185	7,176
	2013	8,962	75	71	8,966	2,356	1,214	7,511
Puerto Rico	2010	23,497	..	..	23,497	6,334	*2,543	20,704
	2011	22,507	..	..	22,507	6,080	*2,281	19,977
	2012	22,556	..	..	22,556	6,103	*2,724	19,582
	2013	21,743	..	..	21,743	5,891	*1,787	19,706

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
Sint Maarten (Dutch part)	2010	..	..	..	..	..	..	..
	2011	..	..	..	*281	*8,006	*72	*210
	2012	*281	..	..	*281	*7,881	*73	*214
	2013	*287	..	..	*287	..	..	..
St. Kitts-Nevis	2010	190	..	..	190	3,629	*11	*179
	2011	*196	..	..	*196	*3,698	*12	*184
	2012	204	..	..	204	3,802	*12	*192
	2013	*204	..	..	*204	*3,757	*12	*192
St. Lucia	2010	381	..	..	381	2,147	50	331
	2011	385	..	..	385	2,149	52	333
	2012	385	..	..	385	2,127	51	333
	2013	383	..	..	383	2,101	48	334
St. Pierre-Miquelon	2010	45	..	..	45	7,228	3	42
	2011	45	..	..	45	7,209	2	44
	2012	43	..	..	43	6,927	3	41
	2013	47	..	..	47	7,410	*3	*43
St. Vincent-Grenadines	2010	*142	..	..	*142	*1,296	*16	*126
	2011	*142	..	..	*142	*1,299	*16	*126
	2012	*144	..	..	*144	*1,317	*16	*128
	2013	*144	..	..	*144	*1,317	*15	*128
Trinidad and Tobago	2010	8,485	..	..	8,485	6,389	574	7,911
	2011	8,772	..	..	8,772	6,572	562	8,211
	2012	9,132	..	..	9,132	6,807	571	8,560
	2013	9,505	..	..	9,505	7,050	580	8,926
Turks and Caicos Islands	2010	*214	..	..	*214	*6,889	*17	*196
	2011	*214	..	..	*214	*6,745	*18	*196
	2012	*227	..	..	*227	*7,000	*19	*208
	2013	*227	..	..	*227	*6,857	*19	*208
United States	2010	4,378,422	45,083	19,107	4,404,398	14,213	617,779	3,786,619
	2011	4,349,571	52,301	15,038	4,386,834	14,043	609,833	3,777,001
	2012	4,290,547	59,257	11,995	4,337,809	13,780	610,977	3,726,832
	2013	4,306,160	70,355	11,353	4,365,162	13,764	597,809	3,782,151
United States Virgin Is.	2010	958	..	..	958	9,001	155	803
	2011	951	..	..	951	8,947	155	796
	2012	872	..	..	872	8,215	148	724
	2013	820	..	..	820	7,723	139	681
America, South	2010	1,010,830	48,433	47,964	1,011,299	2,547	203,779	817,608
	2011	1,055,075	52,126	51,498	1,055,702	2,630	202,577	854,388
	2012	1,097,749	50,310	49,556	1,098,502	2,707	215,532	884,105
	2013	1,130,056	50,019	49,221	1,130,853	2,758	218,504	929,218
Argentina	2010	125,594	10,299	1,701	134,192	3,255	21,444	112,757
	2011	129,892	10,929	1,262	139,559	3,350	23,566	115,990
	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
Bolivia (Plur. State of)	2010	6,777	..	..	6,777	683	906	6,112
	2011	7,219	..	..	7,219	716	936	6,329
	2012	7,661	..	..	7,661	748	1,028	6,613
	2013	8,063	..	..	8,063	775	919	6,962
Brazil	2010	515,798	35,906	1,257	550,447	2,771	112,584	437,863
	2011	531,759	38,430	2,544	567,645	2,831	110,896	456,748
	2012	552,498	40,722	467	592,753	2,929	120,705	472,048
	2013	570,836	40,334	0	611,170	2,992	124,715	486,454

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
Chile	2010	60,434	958	..	61,392	3,608	7,619	54,738
	2011	65,713	732	..	66,445	3,863	7,771	57,932
	2012	69,751	0	..	69,751	4,011	8,112	62,219
	2013	73,065	0	..	73,065	4,157	9,075	65,176
Colombia	2010	60,234	10	796	59,448	1,295	17,602	54,701
	2011	66,983	8	1,540	65,451	1,410	15,408	57,845
	2012	68,742	7	713	68,036	1,451	15,564	59,285
	2013	71,419	5	1,374	70,050	1,480	12,220	67,260
Ecuador	2010	19,509	873	10	20,372	1,364	3,550	16,832
	2011	20,544	1,295	14	21,825	1,438	3,649	18,185
	2012	22,847	238	12	23,073	1,496	3,691	19,393
	2013	23,259	662	29	23,892	1,526	3,430	20,426
Falkland Is. (Malvinas)	2010	*18	..	..	*18	*6,145	0	*18
	2011	*18	..	..	*18	*6,165	0	*18
	2012	*18	..	..	*18	*6,165	0	*18
	2013	*18	..	..	*18	*6,135	0	*18
French Guiana	2010	*823	..	..	*823	*3,520	*98	*725
	2011	*836	..	..	*836	*3,479	*100	*736
	2012	853	..	..	853	3,451	*100	753
	2013	858	..	..	858	3,374	*100	*758
Guyana	2010	868	..	..	868	1,152	378	477
	2011	910	..	..	910	1,204	393	502
	2012	942	..	..	942	1,243	370	526
	2013	962	..	..	962	1,264	258	704
Paraguay	2010	54,066	..	43,378	10,688	1,721	3,818	6,870
	2011	57,625	..	46,120	11,505	1,828	3,935	7,571
	2012	60,237	..	47,663	12,574	1,971	4,352	8,222
	2013	60,381	..	47,365	13,016	2,013	3,998	9,017
Peru	2010	35,890	0	112	35,778	1,218	4,197	34,297
	2011	*39,223	6	0	*39,229	*1,318	2,609	36,619
	2012	39,909	5	2	39,912	1,323	3,944	35,969
	2013	43,330	0	0	43,330	1,418	*4,023	39,307
Suriname	2010	1,723	..	..	1,723	3,326	176	1,547
	2011	1,951	..	..	1,951	3,728	209	1,742
	2012	1,972	..	..	1,972	3,732	211	1,761
	2013	2,184	..	..	2,184	4,095	234	1,951
Uruguay	2010	10,727	387	710	10,404	3,083	1,493	8,985
	2011	10,342	477	19	10,800	3,190	1,554	9,301
	2012	10,596	742	194	11,144	3,281	1,634	9,575
	2013	11,657	0	206	11,451	3,360	1,606	9,850
Venezuela (Bolivar. Rep.)	2010	118,370	0	..	118,370	4,082	29,914	81,686
	2011	122,059	249	..	122,308	4,156	31,552	84,871
	2012	126,516	480	..	126,996	4,254	32,741	87,873
	2013	123,160	715	..	123,875	4,092	33,134	97,208
Asia	2010	9,238,946	73,131	66,484	9,245,594	2,217	1,518,903	7,680,859
	2011	9,814,652	90,243	71,943	9,832,952	2,333	1,667,223	8,199,798
	2012	10,282,745	90,007	70,695	10,302,057	2,418	1,701,879	8,605,078
	2013	10,991,916	94,792	68,879	11,017,828	2,559	1,850,578	9,193,987
Afghanistan	2010	892	1,867	..	2,759	99	*431	2,400
	2011	1,005	2,732	..	3,737	130	690	2,300
	2012	1,022	3,071	..	4,093	138	610	3,265
	2013	*1,022	3,615	..	4,638	151	*756	3,022

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
Armenia	2010	6,491	246	1,077	5,660	1,910	1,009	4,667
	2011	7,433	205	1,533	6,104	2,057	1,231	5,151
	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
Azerbaijan	2010	18,710	100	462	18,348	2,016	5,989	12,235
	2011	20,294	128	805	19,617	2,126	6,220	13,267
	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
Bahrain	2010	23,441	192	19	23,614	18,722	1,807	22,193
	2011	24,338	227	107	24,458	18,727	1,683	22,775
	2012	24,770	35	190	24,615	18,458	1,534	23,315
	2013	25,916	70	53	25,933	19,218	1,420	24,513
Bangladesh	2010	40,790	..	..	40,790	269	6,747	34,392
	2011	44,153	..	..	44,153	288	7,149	36,971
	2012	48,562	..	..	48,562	313	8,671	40,088
	2013	53,043	..	..	53,043	338	10,175	42,634
Bhutan	2010	7,328	20	5,268	2,081	2,889	445	1,573
	2011	7,068	20	5,268	1,820	2,485	129	1,638
	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
Brunei Darussalam	2010	3,792	..	..	3,792	9,641	878	2,914
	2011	3,725	..	..	3,725	9,325	661	3,064
	2012	3,930	..	..	3,930	9,691	723	3,208
	2013	4,402	..	..	4,402	10,697	1,247	3,155
Cambodia	2010	994	1,357	..	2,351	164	315	2,038
	2011	1,053	1,644	..	2,697	185	327	2,370
	2012	1,434	1,891	..	3,325	224	290	3,035
	2013	1,778	2,050	..	3,828	254	522	3,306
China	2010	4,207,160	5,545	19,059	4,193,646	3,127	743,529	3,449,920
	2011	4,713,019	6,562	19,307	4,700,274	3,486	840,277	3,859,811
	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
China, Hong Kong SAR	2010	38,292	10,511	2,609	46,194	6,605	4,331	41,863
	2011	39,026	10,735	2,957	46,804	6,644	4,739	42,065
	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
China, Macao SAR	2010	1,077	2,786	..	3,863	7,226	211	3,653
	2011	886	3,165	..	4,051	7,410	197	3,855
	2012	561	3,855	..	4,416	7,917	213	4,203
	2013	413	4,059	..	4,472	7,872	183	4,288
Cyprus	2010	5,322	..	..	5,322	4,822	449	4,882
	2011	4,929	..	..	4,929	4,414	399	4,721
	2012	4,717	..	..	4,717	4,177	319	4,409
	2013	4,290	..	..	4,290	3,758	371	3,921
Georgia	2010	10,124	232	1,492	8,864	2,086	1,557	7,288
	2011	10,194	477	930	9,741	2,321	1,653	8,088
	2012	9,695	615	528	9,782	2,363	1,604	8,168
	2013	10,059	484	450	10,093	2,472	1,019	9,074
India	2010	954,539	5,610	584	959,565	780	198,443	694,392
	2011	973,006	8,441	0	981,447	787	242,431	772,603
	2012	1,035,264	5,152	0	1,040,416	823	242,544	785,130
	2013	1,193,480	5,598	0	1,199,078	937	309,023	890,055

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
Indonesia	2010	169,570	2,224	..	171,794	711	22,226	152,805
	2011	182,389	2,542	..	184,931	755	23,559	160,517
	2012	196,181	2,990	..	199,171	803	23,638	173,991
	2013	216,186	3,030	..	219,216	872	25,712	196,967
Iran (Islamic Rep. of)	2010	232,965	3,015	6,707	229,273	3,088	43,244	186,058
	2011	240,052	3,656	8,668	235,040	3,126	45,628	189,458
	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	205,630
Iraq	2010	48,909	6,722	..	55,631	1,802	*20,836	40,038
	2011	54,240	7,262	..	61,502	1,930	18,854	42,648
	2012	61,704	8,201	..	69,905	2,121	21,596	48,309
	2013	73,556	9,246	..	82,802	2,428	22,067	60,735
Israel	2010	58,591	..	3,966	54,625	7,361	6,875	48,719
	2011	59,679	..	4,222	55,457	7,332	7,158	48,956
	2012	63,003	..	4,434	58,569	7,612	7,407	51,804
	2013	59,941	..	4,677	55,264	7,069	5,985	50,145
Japan	2010	1,117,123	..	..	1,117,123	8,774	116,249	999,764
	2011	1,051,281	..	..	1,051,281	8,261	110,801	940,972
	2012	1,034,328	..	..	1,034,328	8,135	110,578	940,513
	2013	1,045,293	..	..	1,045,293	8,232	108,038	950,236
Jordan	2010	14,777	670	58	15,389	2,361	2,615	12,837
	2011	14,647	1,738	86	16,299	2,411	2,867	13,496
	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
Kazakhstan	2010	82,646	2,105	1,560	83,190	5,100	27,023	57,394
	2011	86,586	3,406	1,809	88,183	5,327	23,188	64,752
	2012	91,207	4,252	2,933	92,526	5,500	24,831	69,193
	2013	95,368	2,147	2,996	94,519	5,528	28,404	66,285
Korea, Dem.Ppl's.Rep.	2010	21,665	..	..	21,665	884	5,480	16,185
	2011	19,227	..	..	19,227	781	4,864	14,363
	2012	19,236	..	..	19,236	777	4,866	14,370
	2013	19,524	..	..	19,524	784	4,940	14,584
Korea, Republic of	2010	499,508	..	..	499,508	10,175	49,941	449,345
	2011	523,286	..	..	523,286	10,602	52,168	470,613
	2012	534,618	..	..	534,618	10,777	53,516	481,405
	2013	541,996	..	..	541,996	10,873	55,282	487,125
Kuwait	2010	57,029	..	..	57,029	18,640	19,805	37,224
	2011	57,457	..	..	57,457	17,738	20,075	37,382
	2012	62,655	..	..	62,655	18,322	22,921	39,734
	2013	60,982	..	..	60,982	16,969	21,203	39,779
Kyrgyzstan	2010	12,100	116	1,828	10,388	1,901	3,196	7,078
	2011	15,158	174	2,848	12,484	2,248	3,676	8,712
	2012	15,168	177	1,840	13,505	2,391	3,666	9,591
	2013	14,011	..	377	13,634	2,373	3,095	10,267
Lao People's Dem. Rep.	2010	3,755	999	2,020	2,734	437	*167	2,228
	2011	3,802	748	*2,020	2,530	397	*211	2,399
	2012	*3,802	*748	*2,020	*2,530	*391	*211	2,853
	2013	4,471	1,205	876	4,800	729	900	3,363
Lebanon	2010	15,712	1,245	..	16,957	3,910	1,869	15,088
	2011	16,365	840	..	17,205	3,747	1,868	15,337
	2012	14,826	323	..	15,149	3,076	1,372	13,776
	2013	18,153	529	..	18,682	3,534	1,795	17,174

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
Malaysia	2010	116,808	0	148	116,661	4,149	10,092	110,853
	2011	124,894	370	10	125,254	4,384	12,779	107,341
	2012	134,421	100	15	134,506	4,635	11,543	116,353
	2013	138,331	221	23	138,529	4,701	11,366	123,076
Maldives	2010	256	..	..	256	769	*24	*232
	2011	274	..	..	274	808	*24	*250
	2012	297	..	..	297	862	*26	*271
	2013	303	..	..	303	863	*29	*273
Mongolia	2010	4,313	263	22	4,554	1,679	1,177	3,375
	2011	4,536	276	24	4,788	1,736	1,335	3,454
	2012	4,816	366	21	5,161	1,838	1,387	3,773
	2013	5,020	1,196	18	6,197	2,167	1,465	4,732
Myanmar	2010	8,625	..	..	8,625	167	2,313	6,312
	2011	10,425	..	..	10,425	200	2,708	7,717
	2012	10,965	..	..	10,965	209	2,710	8,255
	2013	12,247	..	..	12,247	231	2,634	9,613
Nepal	2010	3,208	694	31	3,871	144	1,131	2,740
	2011	3,492	746	4	4,234	156	1,134	3,099
	2012	3,543	793	4	4,332	158	1,090	3,240
	2013	3,130	1,072	4	4,198	151	785	3,413
Oman	2010	19,819	..	..	19,819	6,733	3,686	16,134
	2011	21,874	..	..	21,874	6,814	3,362	18,513
	2012	25,017	..	..	25,017	7,057	4,062	20,956
	2013	26,240	..	..	26,240	6,716	3,450	22,790
Other Asia	2010	246,996	..	..	246,996	10,646	28,883	218,341
	2011	252,016	..	..	252,016	10,835	29,390	223,002
	2012	250,336	..	..	250,336	10,742	28,032	222,657
	2013	252,038	..	..	252,038	10,800	25,703	226,639
Pakistan	2010	94,383	269	..	94,652	557	17,554	77,099
	2011	95,090	274	..	95,364	549	18,604	76,761
	2012	*96,126	*375	..	*96,501	*544	*19,713	*76,788
	2013	97,792	392	..	98,184	542	20,051	78,890
Philippines	2010	67,777	..	..	67,777	728	12,477	55,266
	2011	69,210	..	..	69,210	732	13,078	56,098
	2012	72,956	..	..	72,956	760	13,711	59,211
	2013	75,300	..	..	75,300	772	13,285	61,566
Qatar	2010	28,144	..	..	28,144	15,941	3,526	24,618
	2011	30,730	..	..	30,730	16,128	2,971	27,759
	2012	34,787	..	..	34,787	17,259	4,604	30,184
	2013	34,668	..	..	34,668	16,498	4,603	30,066
Saudi Arabia	2010	240,067	..	..	240,067	8,546	36,528	202,819
	2011	250,077	..	..	250,077	8,687	38,905	210,393
	2012	271,680	..	..	271,680	9,211	40,373	231,307
	2013	284,017	..	..	284,017	9,404	35,791	248,226
Singapore	2010	45,361	..	..	45,361	8,931	2,567	42,300
	2011	46,000	..	..	46,000	8,862	2,473	43,048
	2012	46,971	..	..	46,971	8,863	2,344	44,294
	2013	47,964	..	..	47,964	8,874	3,041	44,923
Sri Lanka	2010	10,801	..	..	10,801	535	1,592	9,209
	2011	11,600	..	..	11,600	571	1,611	9,990
	2012	11,897	..	..	11,897	583	1,488	10,409
	2013	12,044	..	..	12,044	587	1,465	10,554

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
State of Palestine	2010	473	4,159	..	4,632	1,138	695	3,280
	2011	569	4,622	..	5,191	1,242	1,292	3,506
	2012	461	4,909	..	5,370	1,250	537	4,846
	2013	536	4,734	..	5,270	1,193	527	4,743
Syrian Arab Republic	2010	46,413	690	1,043	46,060	2,223	12,406	33,654
	2011	42,025	902	1,192	41,735	2,036	11,263	30,472
	2012	31,188	0	0	31,188	1,561	8,574	22,614
	2013	25,933	0	529	25,404	1,315	6,599	18,805
Tajikistan	2010	16,436	432	286	16,582	2,187	2,489	14,093
	2011	16,234	172	197	16,209	2,090	2,427	13,686
	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
Thailand	2010	159,518	7,287	1,615	165,190	2,477	16,243	148,947
	2011	151,595	10,774	*1,235	161,134	2,408	*14,772	*146,362
	2012	166,471	10,527	*1,873	175,125	2,607	*15,897	*159,228
	2013	165,707	12,569	1,279	176,997	2,624	16,560	164,322
Timor-Leste	2010	137	..	..	137	129	*14	123
	2011	140	..	..	140	130	*14	126
	2012	126	..	..	126	114	*13	113
	2013	295	..	..	295	261	*30	*265
Turkey	2010	211,208	1,144	1,918	210,434	2,910	40,420	170,014
	2011	229,393	4,556	3,645	230,304	3,133	46,311	183,993
	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
Turkmenistan	2010	16,663	..	2,410	14,253	2,827	5,062	9,191
	2011	17,220	..	2,550	14,670	2,873	5,208	9,462
	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
United Arab Emirates	2010	93,949	0	0	93,949	11,279	*9,980	*89,587
	2011	99,137	49	36	99,150	11,351	*10,201	*95,508
	2012	106,222	16	34	106,204	11,863	*10,751	101,454
	2013	109,979	0	23	109,956	12,163	*11,025	105,363
Uzbekistan	2010	51,700	12,333	12,245	51,788	1,867	8,993	42,795
	2011	52,400	12,500	12,411	52,489	1,864	9,113	43,376
	2012	52,500	12,524	12,435	52,589	1,839	9,129	43,460
	2013	54,200	12,930	12,838	54,292	1,870	9,425	44,867
Viet Nam	2010	94,835	299	57	95,077	1,076	*12,665	85,669
	2011	105,219	301	79	105,441	1,180	13,415	93,523
	2012	118,937	159	29	119,067	1,318	*15,500	104,255
	2013	128,546	221	178	128,589	1,407	*16,046	115,283
Yemen	2010	7,755	..	..	7,755	329	2,719	5,036
	2011	6,204	..	..	6,204	256	2,129	4,075
	2012	7,073	..	..	7,073	284	2,910	4,163
	2013	8,501	..	..	8,501	333	3,531	4,970
Europe	2010	4,905,800	373,790	374,979	4,904,611	6,669	931,058	3,976,776
	2011	4,852,279	410,013	416,161	4,846,130	6,581	921,225	3,927,116
	2012	4,894,117	433,698	443,562	4,884,253	6,627	933,143	3,947,281
	2013	4,841,508	421,068	429,268	4,833,307	6,553	906,400	3,924,901
Albania	2010	7,744	1,985	2,934	6,795	2,342	1,127	5,668
	2011	4,217	3,262	232	7,247	2,511	1,590	5,657
	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

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
Andorra	2010	113	471	..	584	6,920	78	506
	2011	103	466	..	569	6,917	87	483
	2012	88	*466	..	*554	*6,986	*86	*483
	2013	115	466	3	578	7,613	*88	*483
Austria	2010	71,128	19,898	17,567	73,459	8,753	11,142	62,317
	2011	65,813	24,972	16,777	74,008	8,786	11,808	62,200
	2012	72,617	23,264	20,454	75,427	8,920	12,476	62,951
	2013	68,301	24,960	17,688	75,573	8,905	12,633	62,940
Belarus	2010	34,895	7,767	5,067	37,595	3,961	8,213	29,382
	2011	32,192	9,289	3,704	37,777	3,982	7,889	29,888
	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
Belgium	2010	95,120	12,395	11,844	95,671	8,753	12,360	83,311
	2011	90,235	13,189	10,652	92,772	8,430	12,591	80,282
	2012	83,084	16,848	6,912	93,020	8,396	11,693	81,315
	2013	83,456	17,243	7,603	93,096	8,347	11,200	80,985
Bosnia and Herzegovina	2010	17,124	3,076	6,905	13,295	3,467	2,948	10,347
	2011	15,280	4,171	5,660	13,791	3,599	3,003	10,788
	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
Bulgaria	2010	46,653	1,167	9,613	38,207	5,158	11,020	27,103
	2011	50,797	1,449	12,110	40,136	5,457	11,690	28,421
	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
Croatia	2010	14,105	12,415	7,650	18,870	4,372	3,008	15,862
	2011	10,831	13,985	6,288	18,528	4,307	2,793	15,735
	2012	10,557	13,174	5,545	18,186	4,242	2,836	15,350
	2013	13,431	11,260	6,770	17,921	4,195	2,849	15,072
Czech Republic	2010	85,910	6,642	21,590	70,962	6,754	13,750	57,204
	2011	87,561	10,457	27,501	70,517	6,694	13,757	56,751
	2012	87,573	11,587	28,707	70,453	6,681	13,791	56,654
	2013	87,065	10,571	27,458	70,178	6,655	13,479	56,691
Denmark	2010	38,862	10,599	11,734	37,727	6,796	5,573	32,369
	2011	35,229	11,694	10,374	36,549	6,554	4,810	31,928
	2012	30,725	15,920	10,706	35,939	6,417	4,604	31,404
	2013	34,749	11,459	10,377	35,831	6,371	4,442	31,481
Estonia	2010	12,964	1,100	4,354	9,710	7,289	2,802	6,908
	2011	12,893	1,690	5,252	9,331	7,026	2,704	6,627
	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
Faeroe Islands	2010	280	..	..	280	5,773	*25	255
	2011	274	..	..	274	5,647	*19	255
	2012	292	..	..	292	6,025	*30	261
	2013	293	..	..	293	6,058	*18	275
Finland	2010	80,667	15,719	5,218	91,168	16,985	7,520	83,479
	2011	73,481	17,656	3,804	87,333	16,185	7,091	80,078
	2012	70,399	19,089	1,645	87,843	16,193	6,936	80,692
	2013	71,251	17,591	1,876	86,966	15,948	6,856	79,918
France	2010	569,246	19,475	50,188	538,533	8,548	94,671	444,089
	2011	561,494	9,501	65,914	505,081	7,978	89,743	417,566
	2012	565,768	12,213	56,734	521,247	8,196	89,059	434,093
	2013	572,517	11,687	60,148	524,056	8,203	84,869	440,710

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
Germany	2010	632,983	42,962	57,917	618,028	7,684	85,604	532,424
	2011	613,068	51,003	54,768	609,303	7,576	83,757	525,546
	2012	629,812	46,268	66,810	609,270	7,571	83,437	525,834
	2013	633,158	39,222	71,415	600,965	7,459	82,876	518,089
Gibraltar	2010	177	..	..	177	5,759	9	173
	2011	171	..	..	171	5,504	8	167
	2012	176	..	..	176	5,605	9	183
	2013	189	..	..	189	5,958	10	188
Greece	2010	57,392	8,517	2,811	63,098	5,645	9,978	53,120
	2011	59,436	7,180	3,948	62,668	5,619	10,874	51,794
	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
Guernsey	2010	152	239	..	392	6,269	*29	362
	2011	85	309	..	393	6,261	*18	375
	2012	68	313	..	381	6,031	*18	*363
	2013	289	111	..	400	6,304	*22	*378
Hungary	2010	37,371	9,897	4,702	42,566	4,250	8,359	34,207
	2011	36,019	14,664	8,021	42,662	4,271	8,088	34,540
	2012	34,626	16,970	9,003	42,593	4,277	7,403	32,812
	2013	30,273	16,635	4,758	42,150	4,247	7,314	34,856
Iceland	2010	17,059	..	..	17,059	53,638	1,166	15,707
	2011	17,211	..	..	17,211	53,612	1,005	16,010
	2012	17,549	..	..	17,549	54,263	981	16,374
	2013	18,116	..	..	18,116	55,674	882	16,821
Ireland	2010	28,602	760	290	29,072	6,296	3,782	25,420
	2011	27,472	732	242	27,962	6,010	3,376	24,871
	2012	27,596	784	370	28,010	6,001	3,713	24,163
	2013	26,122	2,508	388	28,242	6,046	3,837	24,201
Isle of Man	2010	498	45	108	435	5,156	48	387
	2011	499	41	115	424	4,989	47	377
	2012	296	180	48	428	4,987	47	381
	2013	*504	*50	77	*477	*5,517	*104	373
Italy	2010	302,063	45,987	1,827	346,223	5,807	46,909	299,313
	2011	302,582	47,519	1,787	348,314	5,833	46,491	301,828
	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
Jersey	2010	56	669	..	725	7,467	77	649
	2011	46	700	..	746	7,638	67	677
	2012	*47	*714	..	*761	*7,748	*67	*692
	2013	*47	*729	..	*776	*7,861	*67	*707
Latvia	2010	6,627	3,973	3,100	7,500	3,588	1,283	6,215
	2011	6,095	4,009	2,764	7,340	3,557	1,147	6,191
	2012	6,168	4,935	3,244	7,859	3,858	1,008	6,848
	2013	6,209	5,005	3,650	7,564	3,760	984	6,576
Liechtenstein	2010	79	318	..	397	10,933	0	*397
	2011	72	326	..	398	10,901	0	*398
	2012	86	318	..	404	10,981	0	*404
	2013	85	319	..	404	10,904	0	404
Lithuania	2010	5,749	8,174	2,184	11,739	3,759	3,403	8,332
	2011	4,822	8,086	1,347	11,561	3,765	2,977	8,580
	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

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
Luxembourg	2010	4,590	7,280	3,216	8,654	17,039	2,066	6,605
	2011	3,718	7,096	2,614	8,200	15,770	1,674	6,529
	2012	3,818	6,732	2,622	7,928	14,889	1,670	6,269
	2013	2,888	6,852	1,907	7,833	14,376	1,618	6,230
Malta	2010	2,115	..	..	2,115	5,133	315	1,800
	2011	2,194	..	..	2,194	5,299	345	1,849
	2012	2,307	..	..	2,307	5,551	386	1,921
	2013	2,254	..	..	2,254	5,409	363	1,891
Montenegro	2010	4,022	732	483	4,271	6,867	813	3,211
	2011	2,656	1,383	431	3,608	5,792	804	3,414
	2012	2,844	964	228	3,580	5,738	836	3,220
	2013	3,809	388	647	3,550	5,683	758	2,706
Netherlands	2010	118,140	15,583	12,807	120,916	7,270	14,051	106,865
	2011	112,968	20,620	11,531	122,057	7,313	14,589	107,468
	2012	102,505	32,156	15,046	119,615	7,141	13,139	106,476
	2013	100,875	33,252	15,016	119,111	7,086	12,939	106,172
Norway	2010	123,640	14,673	7,124	131,189	26,821	16,892	113,451
	2011	127,632	11,255	14,329	124,558	25,143	16,505	107,389
	2012	147,716	4,190	22,006	129,900	25,885	18,270	110,694
	2013	134,240	10,136	15,169	129,207	25,417	18,937	109,270
Poland	2010	157,657	6,310	7,664	156,303	4,052	37,240	119,063
	2011	163,548	6,780	12,022	158,306	4,102	36,331	121,975
	2012	162,139	9,803	12,643	159,299	4,126	36,625	122,674
	2013	164,557	7,801	12,322	160,036	4,144	35,977	124,059
Portugal	2010	54,090	5,814	3,191	56,713	5,358	6,825	49,888
	2011	52,463	6,742	3,929	55,276	5,235	6,912	48,364
	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
Republic of Moldova	2010	1,064	3,033	..	4,097	1,003	809	3,288
	2011	1,016	3,145	..	4,161	1,020	780	3,380
	2012	932	3,279	..	4,211	1,033	741	3,470
	2013	905	3,332	..	4,237	1,040	591	3,646
Romania	2010	60,979	767	3,041	58,705	2,892	17,237	41,317
	2011	62,217	3,410	5,316	60,311	2,999	17,687	42,714
	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
Russian Federation	2010	1,038,030	1,644	19,091	1,020,583	7,129	300,141	726,683
	2011	1,054,765	1,558	24,111	1,032,212	7,208	303,388	728,824
	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
Serbia	2010	38,103	5,620	5,917	37,806	4,173	10,237	27,569
	2011	38,600	6,701	6,979	38,322	4,247	10,331	27,991
	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
Slovakia	2010	27,858	7,334	6,293	28,899	5,345	4,761	24,135
	2011	28,656	11,227	10,500	29,383	5,430	4,568	24,812
	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
Slovenia	2010	16,433	8,625	10,717	14,341	6,987	2,375	11,966
	2011	16,057	7,036	8,298	14,795	7,185	2,188	12,607
	2012	15,729	7,452	8,363	14,818	7,183	2,269	12,549
	2013	16,087	7,521	8,684	14,924	7,228	2,334	12,590

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
Spain	2010	301,527	5,206	13,539	293,194	6,292	47,801	244,802
	2011	293,848	7,932	14,023	287,757	6,161	45,138	243,509
	2012	297,559	7,787	18,986	286,360	6,140	46,940	240,248
	2013	283,566	9,887	16,638	276,815	5,959	45,144	232,009
Sweden	2010	148,563	14,931	12,853	150,641	16,056	17,820	131,217
	2011	150,376	12,481	19,714	143,143	15,128	17,183	124,628
	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
Switzerland	2010	67,815	33,401	32,881	68,335	8,686	8,550	59,772
	2011	64,629	34,824	32,237	67,216	8,442	8,617	58,586
	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
T.F.Yug. Rep. Macedonia	2010	7,260	1,420	0	8,680	4,209	1,896	6,784
	2011	6,759	2,749	73	9,435	4,567	2,057	7,378
	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
Ukraine	2010	188,584	23	4,078	184,529	4,042	50,504	134,025
	2011	194,947	35	6,327	188,655	4,148	48,857	139,800
	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
United Kingdom	2010	381,710	7,144	4,481	384,373	6,129	55,840	328,829
	2011	367,252	8,689	2,467	373,474	5,913	55,840	317,887
	2012	363,410	13,743	1,872	375,281	5,903	57,817	317,832
	2013	359,154	17,533	3,102	373,585	5,841	56,282	317,301
Oceania	2010	307,538	..	..	307,538	8,447	49,109	257,889
	2011	308,233	..	..	308,233	8,328	47,622	259,719
	2012	304,704	..	..	304,704	8,103	45,607	258,485
	2013	303,601	..	..	303,601	7,951	49,169	254,283
American Samoa	2010	159	..	..	159	2,860	17	142
	2011	155	..	..	155	2,802	19	136
	2012	157	..	..	157	2,836	22	134
	2013	*156	..	..	*156	*2,829	21	136
Australia	2010	252,297	..	..	252,297	11,384	43,056	209,241
	2011	253,300	..	..	253,300	11,237	41,688	211,612
	2012	250,008	..	..	250,008	10,912	39,610	210,397
	2013	249,060	..	..	249,060	10,703	43,051	206,024
Cook Islands	2010	34	..	..	34	1,661	0	34
	2011	34	..	..	34	1,646	0	34
	2012	33	..	..	33	1,603	0	33
	2013	33	..	..	33	1,576	0	33
Fiji	2010	835	..	..	835	971	*84	844
	2011	801	..	..	801	924	*51	750
	2012	803	..	..	803	919	*72	732
	2013	858	..	..	858	974	*77	780
French Polynesia	2010	*817	..	..	*817	*3,049	*81	*694
	2011	*761	..	..	*761	*2,809	*75	*685
	2012	*765	..	..	*765	*2,795	*76	*689
	2013	*741	..	..	*741	*2,677	*77	*664
Guam	2010	*1,882	..	..	*1,882	*11,806	*245	1,638
	2011	*1,858	..	..	*1,858	*11,551	*240	1,618
	2012	*1,799	..	..	*1,799	*11,050	*236	1,564
	2013	1,736	..	..	1,736	10,516	187	1,550

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
Kiribati	2010	*24	..	..	*24	*235	*1	*23
	2011	*24	..	..	*24	*230	*1	*23
	2012	*24	..	..	*24	*226	*1	*23
	2013	*24	..	..	*24	*222	*1	*23
Marshall Islands	2010	*114	..	..	*114	*2,169	0	*114
	2011	*114	..	..	*114	*2,164	0	*114
	2012	*114	..	..	*114	*2,159	0	*114
	2013	*114	..	..	*114	*2,154	0	*114
Micronesia(Fed. States of)	2010	70	..	..	70	678	14	*56
	2011	66	..	..	66	637	13	*53
	2012	*67	..	..	*67	*650	*13	*54
	2013	*68	..	..	*68	*656	*13	*55
Nauru	2010	23	..	..	23	2,244	*2	*20
	2011	23	..	..	23	2,290	*2	21
	2012	24	..	..	24	2,342	*2	*21
	2013	*24	..	..	*24	*2,390	*2	*22
New Caledonia	2010	2,131	..	..	2,131	8,651	83	2,049
	2011	2,267	..	..	2,267	9,076	115	2,152
	2012	2,288	..	..	2,288	9,038	72	2,216
	2013	2,506	..	..	2,506	9,770	108	2,398
New Zealand	2010	44,876	..	..	44,876	10,271	5,068	39,153
	2011	44,465	..	..	44,465	10,095	4,959	38,601
	2012	44,255	..	..	44,255	9,977	5,046	38,521
	2013	43,256	..	..	43,256	9,687	5,156	37,889
Niue	2010	*3	..	..	*3	*1,851	0	*3
	2011	*3	..	..	*3	*1,856	0	*3
	2012	*3	..	..	*3	*1,860	0	*3
	2013	*3	..	..	*3	*1,863	0	*3
Northern Mariana Islands	2010	*400	..	..	*400	*7,427	*90	*310
	2011	*400	..	..	*400	*7,514	*90	*310
	2012	*400	..	..	*400	*7,503	*90	*310
	2013	*400	..	..	*400	*7,425	*90	*310
Palau	2010	*98	..	..	*98	*4,807	*25	73
	2011	*96	..	..	*96	*4,635	*25	71
	2012	*96	..	..	*96	*4,601	*25	*71
	2013	*96	..	..	*96	*4,565	*25	*71
Papua New Guinea	2010	3,425	..	..	3,425	500	296	3,224
	2011	3,525	..	..	3,525	504	298	3,259
	2012	*3,525	..	..	*3,525	*493	*298	3,329
	2013	*4,176	..	..	*4,176	*571	*316	3,926
Samoa	2010	116	..	..	116	625	*16	91
	2011	114	..	..	114	608	*16	89
	2012	117	..	..	117	620	*16	*93
	2013	*118	..	..	*118	*620	*16	*98
Solomon Islands	2010	87	..	..	87	166	*12	56
	2011	83	..	..	83	154	*12	61
	2012	83	..	..	83	152	*12	55
	2013	89	..	..	89	159	*12	62
Tonga	2010	52	..	..	52	499	9	43
	2011	53	..	..	53	509	9	45
	2012	52	..	..	52	500	8	45
	2013	53	..	..	53	507	9	44

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
Tuvalu	2010	*5	..	..	*5	*468	0	*5
	2011	*5	..	..	*5	*472	0	*5
	2012	*5	..	..	*5	*477	0	*5
	2013	*5	..	..	*5	*476	0	*5
Vanuatu	2010	69	..	..	69	292	6	61
	2011	*68	..	..	*68	*280	5	63
	2012	67	..	..	67	272	5	61
	2013	*68	..	..	*68	*267	5	62
Wallis and Futuna Is.	2010	20	..	..	20	1,461	3	*16
	2011	20	..	..	20	1,469	4	*16
	2012	19	..	..	19	1,422	3	*16
	2013	19	..	..	19	1,420	3	*15

Table 34**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.

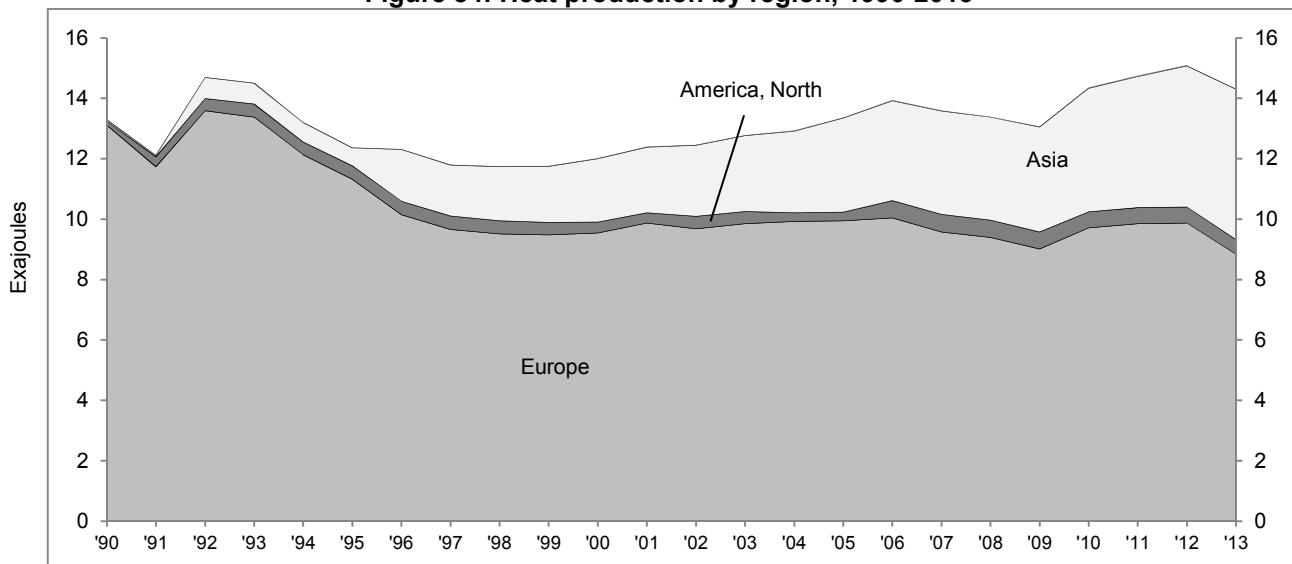
Figure 84: Heat production by region, 1990-2013

Figure 85: Major heat producing countries, 2013

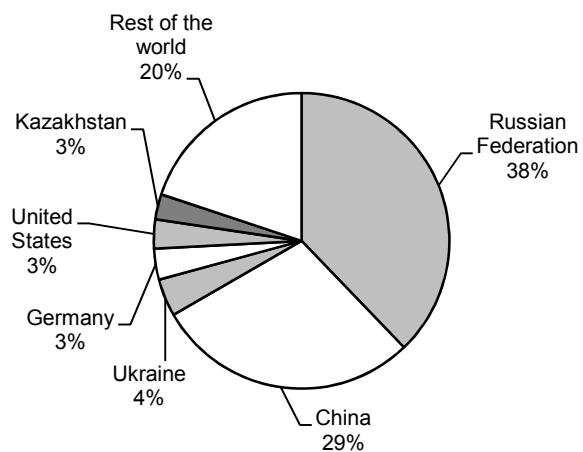


Figure 86: World heat production by type, 2013

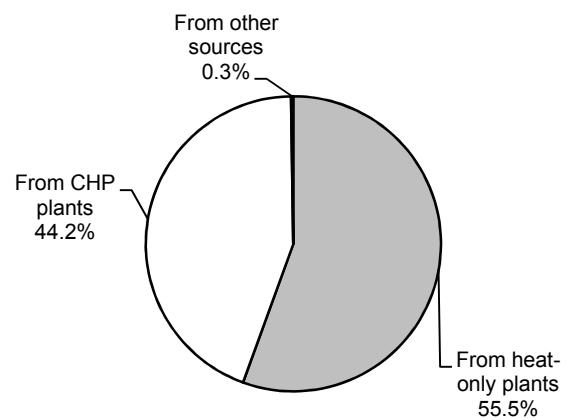


Table 34

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	2010	13,891,492	26,177	5,711	27,357	33,496	30,953	343,531	122,427	234,015
	2011	14,285,255	25,746	6,207	27,734	30,772	28,084	343,619	124,744	252,120
	2012	14,624,708	28,801	6,147	27,848	30,630	33,339	345,301	128,688	266,012
	2013	13,803,180	31,028	5,919	27,587	77,102	29,246	343,462	132,614	271,059
Africa	2010	12,677	..	664	..	7,812	..	..	..	3,905
	2011	12,421	..	716	..	3,865	..	..	..	4,306
	2012	12,923	..	749	..	4,364	..	..	..	4,746
	2013	13,004	..	779	..	3,748	..	..	..	5,454
Réunion	2010	2,031	..	664	..	..	..	..	..	..
	2011	1,721	..	716	..	..	..	..	..	..
	2012	2,023	..	749	..	..	..	..	..	..
	2013	*2,104	..	*779	..	..	..	..	..	..
Senegal	2010	..	..	..	..	971	..	..	..	..
	2011	..	..	..	..	1,124	..	..	..	..
	2012	..	..	..	..	1,298	..	..	..	..
	2013	..	..	..	..	698	..	..	..	..
South Africa	2010	..	..	..	..	..	..	..	..	2,768
	2011	..	..	..	..	..	..	..	..	3,005
	2012	..	..	..	..	..	..	..	..	3,253
	2013	..	..	..	..	..	..	..	..	3,804
Swaziland	2010	*10,646	..	..	..	..	..	..	..	..
	2011	*10,700	..	..	..	..	..	..	..	..
	2012	*10,900	..	..	..	..	..	..	..	..
	2013	*10,900	..	..	..	..	..	..	..	..
Tunisia	2010	..	..	..	..	6,841	..	..	..	1,137
	2011	..	..	..	..	2,741	..	..	..	1,301
	2012	..	..	..	..	3,066	..	..	..	1,493
	2013	..	..	..	..	3,050	..	..	..	1,650
America, North	2010	525,946	..	..	..	..	..	..	9,285	64,601
	2011	534,058	..	..	..	..	..	..	9,285	67,963
	2012	528,347	..	..	..	..	..	..	9,285	69,992
	2013	481,183	..	..	..	..	..	..	9,285	69,025
Canada	2010	16,934	..	..	..	..	..	..	..	1,539
	2011	24,560	..	..	..	..	..	..	..	1,770
	2012	26,611	..	..	..	..	..	..	..	1,553
	2013	26,886	..	..	..	..	..	..	..	1,553
Greenland	2010	725	..	..	..	..	..	..	..	..
	2011	861	..	..	..	..	..	..	..	..
	2012	937	..	..	..	..	..	..	..	..
	2013	884	..	..	..	..	..	..	..	..
Mexico	2010	..	..	..	..	..	..	..	..	4,910
	2011	..	..	..	..	..	..	..	..	5,862
	2012	..	..	..	..	..	..	..	..	6,423
	2013	..	..	..	..	..	..	..	..	7,141
United States	2010	508,287	..	..	..	..	..	..	9,285	58,152
	2011	508,637	..	..	..	..	..	..	9,285	60,331
	2012	500,799	..	..	..	..	..	..	9,285	62,016
	2013	453,413	..	..	..	..	..	..	9,285	60,331
America, South	2010	..	..	..	..	..	..	..	102	239
	2011	..	..	..	..	..	..	..	102	263
	2012	..	..	..	..	..	..	..	102	1,058
	2013	..	..	..	..	1,091	..	..	102	1,091

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
Chile	2010	..	..	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..	..	..
	2012	..	..	..	..	..	..	..	..	772
	2013	..	..	..	..	1,091	..	..	..	780
Ecuador	2010	..	..	..	..	..	..	..	102	..
	2011	..	..	..	..	..	..	..	102	..
	2012	..	..	..	..	..	..	..	102	..
	2013	..	..	..	..	..	..	..	102	..
Peru	2010	..	..	..	..	..	..	..	..	239
	2011	..	..	..	..	..	..	..	..	263
	2012	..	..	..	..	..	..	..	..	286
	2013	..	..	..	..	..	..	..	..	311
Asia	2010	4,076,541	0	4,826	..	3,827	4,126	5,537	69,019	91,041
	2011	4,326,199	36	5,183	..	3,767	3,662	4,608	71,210	97,064
	2012	4,655,582	36	4,943	..	3,420	3,791	4,332	71,838	101,797
	2013	4,956,049	0	4,569	..	3,976	3,880	8,369	72,819	101,912
Armenia	2010	494	..	..	..	..	..	..	..	..
	2011	186	..	..	..	..	..	..	..	..
	2012	90	..	..	..	..	..	..	..	..
	2013	127	..	..	..	..	..	..	..	..
Azerbaijan	2010	3,789	..	..	..	..	..	..	..	..
	2011	4,536	..	..	..	..	..	..	..	..
	2012	5,004	..	..	..	..	..	..	..	..
	2013	5,436	..	..	..	..	..	..	..	..
China	2010	3,262,713	..	..	..	..	..	..	..	..
	2011	3,491,768	..	..	..	..	..	..	..	..
	2012	3,787,310	..	..	..	..	..	..	..	..
	2013	4,131,207	..	..	..	..	..	..	..	..
Cyprus	2010	5	..	..	..	..	..	..	32	2,545
	2011	31	..	..	..	..	..	..	44	2,625
	2012	31	..	..	..	..	..	..	62	2,700
	2013	42	..	..	..	..	..	..	62	2,751
Georgia	2010	1,920	0	..	..	..	..	..	1,920	0
	2011	0	36	..	..	..	..	..	377	0
	2012	0	36	..	..	..	..	..	380	6
	2013	0	0	..	..	..	..	..	520	47
Israel	2010	..	..	..	..	..	..	..	..	46,980
	2011	..	..	..	..	..	..	..	..	46,070
	2012	..	..	..	..	..	..	..	..	46,070
	2013	..	..	..	..	..	..	..	..	46,070
Japan	2010	15,799	..	..	..	..	4,126	5,537	7,409	17,174
	2011	14,568	..	..	..	..	3,662	4,608	7,535	15,782
	2012	15,251	..	..	..	..	3,791	4,332	7,409	14,538
	2013	15,546	..	..	..	..	3,880	4,376	7,343	13,254
Kazakhstan	2010	402,385	..	..	..	..	..	..	..	..
	2011	405,407	..	..	..	..	..	..	..	..
	2012	418,081	..	..	..	..	..	..	..	..
	2013	396,689	..	..	..	..	..	..	..	..
Korea, Republic of	2010	187,928	..	..	..	3,827	..	..	1,401	1,225
	2011	199,727	..	..	..	3,767	..	..	2,002	1,148
	2012	216,088	..	..	..	3,420	..	..	2,733	1,099
	2013	196,855	..	..	..	3,976	..	..	3,642	1,164

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
Kyrgyzstan	2010	12,302	..	..	..	..	..	..	..	..
	2011	13,389	..	..	..	..	..	..	..	..
	2012	13,534	..	..	..	..	..	..	..	..
	2013	12,525	..	..	..	..	..	..	..	..
Lebanon	2010	..	..	..	..	..	..	..	..	630
	2011	..	..	..	..	..	..	..	..	704
	2012	..	..	..	..	..	..	..	..	839
	2013	..	..	..	..	..	..	..	..	999
Mongolia	2010	35,012	..	..	..	..	..	..	..	..
	2011	36,354	..	..	..	..	..	..	..	..
	2012	39,029	..	..	..	..	..	..	..	..
	2013	39,824	..	..	..	..	..	..	..	..
Other Asia	2010	..	..	..	..	..	..	..	..	4,400
	2011	..	..	..	..	..	..	..	..	4,358
	2012	..	..	..	..	..	..	..	..	4,390
	2013	..	..	..	..	..	..	..	..	4,343
State of Palestine	2010	..	..	4,826	..	..	..	..	..	..
	2011	..	..	5,183	..	..	..	..	..	..
	2012	..	..	4,943	..	..	..	..	..	..
	2013	..	..	4,569	..	..	..	..	..	..
Tajikistan	2010	392	..	..	..	..	..	..	..	..
	2011	387	..	..	..	..	..	..	..	..
	2012	405	..	..	..	..	..	..	..	..
	2013	408	..	..	..	..	..	..	..	..
Turkey	2010	51,330	..	..	..	..	..	..	58,257	18,087
	2011	50,917	..	..	..	..	..	..	61,252	26,377
	2012	51,317	..	..	..	..	..	..	61,254	32,155
	2013	51,633	..	..	..	..	..	3,993	61,252	33,284
Turkmenistan	2010	8,041	..	..	..	..	..	..	..	..
	2011	8,311	..	..	..	..	..	..	..	..
	2012	8,567	..	..	..	..	..	..	..	..
	2013	9,108	..	..	..	..	..	..	..	..
Uzbekistan	2010	94,431	..	..	..	..	..	..	..	..
	2011	100,619	..	..	..	..	..	..	..	..
	2012	100,875	..	..	..	..	..	..	..	..
	2013	96,649	..	..	..	..	..	..	..	..
Europe	2010	9,276,327	26,177	221	27,357	20,389	26,827	337,994	34,540	63,280
	2011	9,412,577	25,710	308	27,734	21,952	24,422	339,011	35,420	70,420
	2012	9,427,857	28,765	455	27,848	22,846	29,548	340,062	37,500	75,596
	2013	8,352,944	31,028	571	27,587	68,287	25,366	334,243	39,651	80,266
Albania	2010	234	..	..	..	..	..	..	..	..
	2011	243	..	..	..	..	..	..	..	..
	2012	197	..	..	..	..	..	..	..	..
	2013	199	..	..	..	..	..	..	..	..
Austria	2010	82,927	538	43	..	155	..	..	321	6,646
	2011	79,240	524	51	..	99	..	..	278	6,990
	2012	83,258	577	57	..	99	..	..	346	7,239
	2013	87,176	593	57	..	99	..	..	329	7,383
Belarus	2010	278,221	..	..	..	..	..	..	..	..
	2011	260,279	..	..	..	..	..	..	..	..
	2012	269,754	..	..	..	..	..	..	..	..
	2013	263,853	..	..	..	..	..	..	..	..

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
Belgium	2010	35,483	90	..	..	2,731	..	..	..	507
	2011	35,098	55	..	..	2,930	..	..	..	601
	2012	32,124	60	..	..	4,835	..	..	..	641
	2013	29,075	68	..	..	6,929	..	..	..	788
Bosnia and Herzegovina	2010	6,001	..	..	..	..	..	..	..	..
	2011	6,355	..	..	..	..	..	..	..	..
	2012	6,075	..	..	..	..	..	..	..	..
	2013	5,722	..	..	..	..	..	..	..	..
Bulgaria	2010	56,124	..	..	943	2,283	..	..	1,368	428
	2011	54,518	..	..	922	2,992	..	..	1,380	579
	2012	54,649	..	..	940	2,235	..	..	1,400	645
	2013	50,370	..	..	655	1,992	..	..	1,400	798
Croatia	2010	12,503	..	..	..	..	..	..	285	218
	2011	12,065	..	..	..	..	..	..	287	254
	2012	11,625	..	..	..	..	..	..	291	298
	2013	11,738	..	..	..	..	..	..	286	341
Czech Republic	2010	127,714	..	..	1,067	1,127	112	320	..	366
	2011	120,734	..	..	919	1,209	102	332	..	455
	2012	121,365	..	..	981	1,341	105	348	..	561
	2013	118,338	..	..	1,035	1,406	94	350	..	600
Denmark	2010	149,182	106	143	..	..	148	2,576	..	514
	2011	129,831	83	217	..	..	264	3,030	..	518
	2012	133,051	144	345	..	..	690	2,913	..	534
	2013	132,413	114	474	..	..	598	2,252	..	552
Estonia	2010	25,548	..	..	..	..	..	..	..	..
	2011	22,887	..	..	..	..	..	..	..	..
	2012	24,473	..	..	..	..	..	..	..	..
	2013	23,028	..	..	..	..	..	..	..	..
Finland	2010	205,381	..	..	..	3,324	1,409	712	..	39
	2011	182,596	..	..	..	2,925	1,400	1,204	..	43
	2012	189,979	..	..	..	3,698	1,871	890	..	47
	2013	178,159	..	..	..	4,475	1,799	1,043	..	52
France	2010	158,463	3,264	..	..	..	..	..	990	2,693
	2011	154,212	3,121	..	..	..	..	..	1,396	3,019
	2012	122,481	3,313	..	..	..	..	..	1,396	3,355
	2013	120,153	4,012	..	..	..	61	..	1,396	3,631
Germany	2010	508,337	225	..	..	..	..	6,606	2,164	20,268
	2011	460,483	51	..	..	..	..	6,703	2,477	23,184
	2012	474,421	85	11	..	..	..	6,296	2,682	24,109
	2013	480,642	207	1	..	..	..	7,461	2,852	24,408
Greece	2010	1,941	..	..	..	..	..	..	916	7,676
	2011	2,256	..	..	..	..	..	..	970	7,656
	2012	1,889	..	..	..	..	..	..	909	7,720
	2013	1,738	..	..	..	..	..	..	812	7,831
Hungary	2010	52,244	233	5	502	..	..	..	3,885	220
	2011	48,432	271	5	508	..	..	..	4,080	242
	2012	48,574	395	5	528	..	..	..	4,071	242
	2013	46,975	574	..	505	..	..	965	4,104	250
Iceland	2010	39	20,864	..	..	..	646	..	4,233	..
	2011	0	20,816	..	..	..	674	..	4,411	..
	2012	0	23,341	..	..	..	675	..	4,416	..
	2013	..	23,160	..	..	..	675	..	4,087	..

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
Ireland	2010	..	..	..	..	..	..	..	..	314
	2011	..	..	..	..	..	..	..	..	380
	2012	..	..	..	..	..	..	..	..	427
	2013	..	..	..	..	..	..	..	..	472
Italy	2010	204,752	589	..	..	..	..	..	5,243	5,616
	2011	218,519	589	1	..	..	..	..	5,243	5,877
	2012	206,335	650	1	..	..	..	..	4,950	6,503
	2013	215,757	650	2	..	..	..	..	4,987	7,040
Latvia	2010	28,650	..	..	..	..	5	7	..	..
	2011	24,985	..	..	..	..	8	7	..	..
	2012	26,840	..	..	..	..	10	7	..	..
	2013	26,227	..	..	..	..	9	13	..	..
Liechtenstein	2010	..	..	29	..	..	..	..	..	..
	2011	..	..	32	..	..	..	..	..	..
	2012	..	..	34	..	..	..	..	..	..
	2013	..	..	36	..	..	..	..	..	..
Lithuania	2010	39,932	95	..	0	8,766	13	..	..	..
	2011	35,583	67	..	0	10,225	12	..	..	..
	2012	36,489	79	..	0	9,877	10	..	..	..
	2013	34,217	35	..	0	9,363	10	..	..	..
Luxembourg	2010	3,109	..	..	..	..	..	..	..	40
	2011	3,150	..	..	..	..	..	..	..	63
	2012	3,076	..	..	..	..	..	..	..	88
	2013	3,254	..	..	..	..	..	..	..	104
Malta	2010	0	..	..	..	..	..	..	..	195
	2011	5	..	..	..	..	..	..	..	194
	2012	26	..	..	..	..	..	..	..	216
	2013	21	..	..	..	..	..	..	..	173
Netherlands	2010	146,986	..	..	..	..	..	..	318	1,001
	2011	142,233	..	..	..	..	..	..	316	1,041
	2012	132,388	..	..	..	..	..	..	495	1,069
	2013	128,992	..	..	..	..	..	..	993	1,089
Norway	2010	16,412	..	..	..	1,374	4,208	262	..	..
	2011	17,855	..	..	..	615	3,273	239	..	..
	2012	17,002	..	..	..	21	4,351	445	..	..
	2013	19,003	..	..	..	1,194	5,076	421	..	..
Poland	2010	335,117	..	..	..	595	3	119	563	350
	2011	297,957	..	..	..	913	4	101	531	434
	2012	308,168	..	..	..	685	5	191	661	544
	2013	302,848	..	..	..	891	5	128	778	639
Portugal	2010	21,077	..	..	..	34	..	..	42	2,013
	2011	20,600	..	..	..	44	..	..	65	2,491
	2012	21,419	..	..	..	55	..	..	65	2,820
	2013	25,523	..	..	..	46	..	..	65	3,046
Republic of Moldova	2010	12,039	..	..	..	..	..	..	..	..
	2011	11,402	..	..	..	..	..	..	..	..
	2012	10,876	..	..	..	..	..	..	..	..
	2013	10,640	..	..	..	..	..	..	..	..
Romania	2010	99,095	11	..	..	..	..	..	916	4
	2011	98,853	7	..	..	..	..	..	923	2
	2012	89,338	4	..	..	..	..	..	902	4
	2013	84,803	9	..	..	..	..	..	1,049	9

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
Russian Federation	2010	5,673,674	..	..	14,633	..	..	327,324	..	..
	2011	6,038,583	..	..	15,482	..	..	327,324	..	..
	2012	6,063,487	..	..	15,109	..	..	328,963	..	..
	2013	5,074,829	1,481	..	15,136	..	..	321,571	..	..
Serbia	2010	38,187	..	..	..	..	..	..	224	..
	2011	41,440	..	..	..	..	..	..	265	..
	2012	35,203	..	..	..	..	..	..	260	..
	2013	34,313	..	..	..	..	..	..	187	..
Slovakia	2010	45,871	139	1	2,499	..	4	68	70	178
	2011	41,351	104	2	2,210	..	9	71	60	211
	2012	40,905	95	2	2,115	..	45	9	55	222
	2013	40,192	102	1	2,147	..	49	39	69	233
Slovenia	2010	9,758	23	..	..	..	..	..	1,045	348
	2011	9,698	22	..	..	..	..	..	1,160	369
	2012	9,477	22	..	..	..	..	..	1,276	392
	2013	9,405	23	..	..	..	..	..	1,528	404
Spain	2010	..	..	..	..	..	..	..	670	7,679
	2011	..	..	..	..	..	..	..	703	8,576
	2012	..	..	..	..	..	..	..	737	9,226
	2013	..	..	..	..	..	..	..	759	9,978
Sweden	2010	204,092	..	..	..	..	20,138	..	..	432
	2011	159,916	..	..	..	..	18,544	..	..	461
	2012	174,779	..	..	..	..	21,665	..	..	464
	2013	173,253	..	..	..	..	16,895	..	..	468
Switzerland	2010	20,891	..	..	1,300	..	141	..	10,848	1,451
	2011	18,399	..	..	1,290	..	132	..	10,418	1,655
	2012	18,866	..	..	1,370	..	121	..	12,184	1,853
	2013	19,674	..	..	1,270	..	95	..	13,630	2,042
T.F.Yug.Rep. Macedonia	2010	3,480	..	..	..	..	..	..	406	..
	2011	2,669	..	..	..	..	..	..	424	..
	2012	2,463	..	..	..	..	..	..	371	..
	2013	2,151	..	..	..	..	..	..	307	..
Ukraine	2010	615,896	..	..	6,413	..	..	..	..	..
	2011	602,027	..	..	6,403	..	..	..	..	..
	2012	592,624	..	..	6,805	..	..	..	..	..
	2013	537,503	..	..	6,839	41,892	..	..	..	..
United Kingdom	2010	56,967	..	..	..	..	..	..	33	4,084
	2011	58,123	..	..	..	..	..	..	33	5,125
	2012	64,181	..	..	..	..	..	..	33	6,377
	2013	60,761	..	..	..	..	..	..	33	7,935
Oceania	2010	..	..	..	..	1,468	..	..	9,481	10,949
	2011	..	..	..	..	1,188	..	..	8,727	12,104
	2012	..	..	..	..	..	..	907	9,963	12,823
	2013	..	..	..	..	..	..	850	10,757	13,311
Australia	2010	..	..	..	..	..	..	..	..	10,485
	2011	..	..	..	..	..	..	..	..	11,629
	2012	..	..	..	..	..	..	..	..	12,348
	2013	..	..	..	..	..	..	..	..	12,836
New Caledonia	2010	..	..	..	..	..	..	..	..	111
	2011	..	..	..	..	..	..	..	..	111
	2012	..	..	..	..	..	..	..	..	111
	2013	..	..	..	..	..	..	..	..	111

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
New Zealand	2010	..	..	..	..	1,468	..	..	9,481	353
	2011	..	..	..	..	1,188	..	..	8,727	364
	2012	..	..	..	..	..	..	907	9,963	364
	2013	..	..	..	..	..	..	850	10,757	364

Table 35**Production of uranium (uranium content)**

Metric tons

Table Notes

Based on country submissions and Table 1.21 of the OECD and IAEA publication *Uranium 2011: Resources, Production and Demand*, OECD Publishing, available at <http://dx.doi.org/10.1787/uranium-2014-en>.

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.

Table 35

Production of uranium (uranium content)

Metric tons

Country or area	2010	2011	2012	2013
World	54,680	54,766	59,197	60,797
Africa	9,965	9,616	11,369	11,791
Malawi	681	842	1,103	1,347
Namibia	4,503	3,954	5,026	5,627
Niger	4,199	4,264	4,773	4,277
South Africa	582	556	467	540
America, North	11,405	10,727	10,665	10,700
Canada	9,775	9,145	8,998	9,000
United States	1,630	1,582	1,667	1,700
America, South	174	415	383	234
Argentina	0	0	0	0
Brazil	174	415	383	234
Asia	22,479	23,807	25,535	26,835
China	1,350	1,400	1,450	1,450
India	400	400	385	400
Iran (Islamic Rep. of)	7	12	15	40
Kazakhstan	17,803	19,450	21,240	22,500
Pakistan	45	45	45	45
Uzbekistan	2,874	2,500	2,400	2,400
Europe	4,757	4,234	4,236	4,537
Bulgaria	1	0	0	0
Czech Republic	254	229	228	213
France	9	6	3	3
Germany	8	51	50	30
Hungary	6	2	1	3
Romania	80	80	80	80
Russian Federation	3,562	2,993	2,862	3,133
Ukraine	837	873	1,012	1,075
Oceania	5,900	5,967	7,009	6,700
Australia	5,900	5,967	7,009	6,700

Table 36**Selected energy resources and reserves**

Million metric tons unless otherwise indicated

Table Notes

Based on country submissions and the publication *World Energy Resources - 2013 Survey*, World Energy Council (WEC), available at <http://www.worldenergy.org/publications/2013/world-energy-resources-2013-survey/>.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification.

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	112	66	400	..	..	..	..	..
Albania	..	..	..	794	794	..	..	155
Algeria	64	59	164	..	..	..	..	..
Angola	..	..	..	..	..	..	..	..
Argentina	4	..	..	8,047	500	273	90	*80
Armenia	..	163	..	..	..	..	..	..
Australia	56,200	37,100	125,000	44,300	39,300	215,000	..	..
Austria	1	..	3	333	25	61	..	..
Azerbaijan	..	..	..	..	..	..	..	..
Bahrain	..	..	..	..	..	..	..	..
Bangladesh	1,054	293	..	..	..	..	*138	..
Barbados	..	..	..	..	..	..	..	..
Belarus	..	..	..	..	100	..	323	323
Belgium	715	410	1,400	..	..	..	..	..
Belize	..	..	..	..	..	..	..	..
Benin	..	..	..	..	..	..	..	..
Bhutan	..	..	..	..	..	..	..	..
Bolivia (Plur. State of)	..	1	..	..	..	..	..	..
Bosnia and Herzegovina	..	484	..	..	2,369	..	..	..
Botswana	7,189	40	205,253	..	..	..	..	..
Brazil	..	..	..	6,513	4,559	15,319	..	..
Brunei Darussalam	..	..	..	..	..	..	..	..
Bulgaria	428	2	1,200	5,981	2,364	2,618	5	5
Burkina Faso	..	..	..	..	..	..	..	..
Burundi	..	..	..	..	..	..	56	56
Cambodia	..	..	..	..	..	..	..	..
Cameroon	..	..	..	..	..	..	..	..
Canada	4,651	3,474	26,045	17,371	3,108	31,990	1,092	..
Central African Rep.	..	..	..	4	3	..	..	..
Chad	..	..	..	..	..	..	..	..
Chile	79	31	125	4,579	155	5,000	..	..
China	114,500	62,200	363,200	108,800	52,300	304,700	4,687	328
Colombia	7,064	6,366	13,173	411	380	3,176	..	..
Congo	..	..	..	..	..	..	..	..
Costa Rica	..	..	..	27	..	22	48	..
Côte d'Ivoire	..	..	..	..	..	..	..	..
Croatia	4	4	..	41	33	..	..	..
Cuba	..	..	..	..	..	..	..	..
Cyprus	..	..	..	..	..	..	..	..
Czech Republic	1,524	192	..	2,812	908	..	..	..
Dem. Rep. of the Congo	720	88	..	..	..	..	..	..
Denmark	..	..	..	63	..	..	..	..
Dominica	..	..	..	..	..	..	..	..
Dominican Republic	..	..	..	..	..	..	..	..
Ecuador	..	..	..	30	24	6	..	..
Egypt	25	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	593	95	200	124	21	165	..	..
French Guiana	..	..	..	..	..	..	..	..
French Polynesia	..	..	..	..	..	..	..	..
Gabon	..	..	..	..	..	..	..	..
Georgia	..	201	..	..	..	..	..	..
Germany	319	99	8,065	40,600	40,600	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
..	5	30	..	5	..	..	40,000
..	4,504	3,170	..	..	19,500	..	12,000
..	161	1,296	..	74	..	..	150,000
50	399	355	57	..	8,600	11,000	354,000
..	164	..	44	..	..	..	22,000
..	819	450	4,531	..	1,180,100	558,700	265,000
..	16	7	1	..	..	..	150,000
..	1,359	955	..	20	..	..	44,000
..	91	*160	..	..	..	..	..
*138	344	3	..	..	..	..	4,000
..	0	1	..	..	..	..	..
1,479	3	*27	1,000	..	..	..	8,000
..	0	..	..	..	..	..	1,000
..	..	1	..	..	..	..	1,000
..	1	*1	..	..	..	..	2,000
..	..	..	..	..	..	..	263,000
..	710	*54	..	..	..	..	178,000
..	..	..	..	..	..	..	70,000
..	..	..	..	..	23,100	59,100	..
487	245	2,053	11,734	..	155,700	121,000	3,040,000
..	350	150	..	..	..	..	..
..	1	160	18	..	..	..	27,000
..	..	..	..	..	..	..	1,000
..	..	..	..	..	..	..	6,000
..	..	..	..	..	..	..	88,000
..	150	168	..	..	..	..	294,000
336,908	1,754	678	2,192	27,134	421,900	192,500	2,067,000
..	..	..	..	..	12,000	..	7,000
..	..	205	..	..	..	..	150
..	..	46	4	..	700	1,200	227,000
952	3,090	2,789	47,600	120	109,500	56,600	6,083,000
..	124	260	..	5	..	..	1,000,000
..	91	218	..	81	..	..	50,000
22	..	..	..	..	..	..	224,000
..	42	14	..	..	..	..	46,000
..	36	10	..	..	..	..	20,000
280	71	*19	..	8	..	..	3,000
..	..	..	..	..	..	..	59,000
..	4	2	..	..	300	100	13,000
..	1	25	14,310	5	1,400	1,300	1,397,000
..	66	111	..	..	..	..	120
..	..	..	..	..	..	..	200
..	..	..	..	..	..	..	50,000
..	9	982	..	7	..	..	169,000
..	2,170	600	816	8	..	1,900	125,000
..	..	120	150	..	..	..	7,000
..	..	..	2,494	..	..	..	2,000
..	25	0	..	..	..	..	650,000
..	..	..	..	..	..	..	1,000
28	..	..	..	..	..	..	..
..	..	..	..	..	..	..	3,000
2,200	..	..	..	..	1,100	..	31,000
..	7	*14	1,002	..	11,500	100	270,000
..	..	..	..	..	..	..	2,000
..	..	..	..	..	..	..	1,000
..	29	505	..	..	4,800	1,000	200,000
..	8	5	..	0	..	..	136,000
200	126	21	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	..	..	..	5,312	3,020	..	4,000	..
Greenland	..	..	..	183	183	200	..	..
Grenada	..	..	..	..	..	..	..	..
Guatemala	..	..	..	..	..	..	..	..
Guinea	..	..	..	..	..	..	..	..
Guinea-Bissau	..	..	..	..	..	..	..	..
Guyana	..	..	..	..	..	..	..	..
Haiti	..	..	..	13	..	27	..	..
Honduras	..	..	..	21	..	..	..	..
Hungary	14	13	298	2,188	1,647	2,630	..	..
Iceland	..	..	..	..	..	..	..	..
India	105,820	56,100	157,435	4,500	4,500	32,893	..	..
Indonesia	4,479	1,520	6,035	17,772	4,009	38,704	49,000	..
Iran (Islamic Rep. of)	11,143	1,203	..	2,295	..	..	..	..
Iraq	..	..	..	..	..	..	..	..
Ireland	19	14	26	..	9	..	154	106
Israel	..	..	..	..	..	..	500	386
Italy	..	..	..	10	10	600	..	..
Jamaica	..	..	..	..	..	..	200	32
Japan	4,603	340	6,298	160	10	7,122	..	..
Jordan	..	..	..	..	..	..	..	..
Kazakhstan	..	21,500	..	..	12,100	..	..	..
Kenya	..	..	..	..	..	..	..	..
Korea, Dem.Ppl's.Rep.	2,000	300	2,700	300	300	2,200	..	..
Korea, Republic of	138	133	272	209	126	812	..	..
Kuwait	..	..	..	..	..	..	..	..
Kyrgyzstan	..	..	..	..	812	..	..	..
Lao People's Dem. Rep.	..	4	..	..	499	..	..	..
Latvia	..	..	..	..	..	..	190	94
Lebanon	..	..	..	..	..	..	..	..
Lesotho	..	..	..	..	..	..	..	..
Liberia	..	..	..	..	..	..	..	..
Libya	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	..	..	937	269
Madagascar	1,000	..	..	75	..	..	..	..
Malawi	15	2	..	..	2	..	..	..
Malaysia	15	4	78	126	..	575	..	..
Mali	..	..	..	..	..	3	..	..
Mauritania	..	..	..	..	..	..	..	..
Mauritius	..	..	..	..	..	..	..	..
Mexico	1,211	860	1,960	732	351	213	..	..
Mongolia	12,000	1,170	..	12,000	1,350	..	..	..
Montenegro	..	142	..	..	..	..	..	..
Morocco	16	5	..	42	..	2	..	..
Mozambique	..	212	155	..	..	..	..	..
Myanmar	5	2	120	..	..	80	..	..
Namibia	..	..	..	1	1	7	..	..
Nepal	..	..	..	..	..	..	..	..
Netherlands	1,406	497	2,750	..	..	..	120	120
New Caledonia	4	2	8	..	..	..	..	..
New Zealand	45	33	942	2,673	538	11,902	1,640	..
Nicaragua	..	..	..	..	..	..	..	..
Niger	..	70	..	..	..	..	..	..
Nigeria	..	21	21	338	169	1,000	..	..
Norway	54	1	..	64	5	100	745	350
Oman	..	..	..	..	..	..	..	..
Pakistan	1	1	5	3,451	2,070	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	
..	24	*20	..	..	..	..	28,000
..	2	1	..	..	1,000	6,000	80,000
..	..	..	..	..	..	134,700	550,000
..	..	..	..	..	..	..	38
..	3	*9	..	..	..	..	59,000
..	..	232	..	..	..	..	26,000
..	..	..	..	..	..	..	1,000
..	..	..	..	..	..	..	81,000
..	..	..	..	..	..	..	4,000
..	..	..	..	..	..	..	16,000
238	67	5	8	..	..	8,600	10,000
..	..	..	..	..	..	..	184,000
..	1,074	777	..	..	77,000	27,900	2,638,000
..	3,186	532	..	67	8,400	2,200	2,147,000
..	29,610	20,624	..	..	700	1,800	448,000
..	3,170	15,686	..	..	..	..	225,000
140	10	..	..	..	..	..	1,000
1,000	24	0	550	0	..	..	0
2,500	70	76	10,446	48	4,800	1,300	190,000
..	..	..	..	..	..	..	1,000
..	51	8	..	..	6,600	..	718,000
..	15	0	5,242	5	0	33,800	4,000
..	3,000	4,092	400	6,689	402,400	417,300	170,000
..	..	..	..	..	..	..	24,000
..
..	3	..	..	..	..	..	52,000
..	1,780	13,845	..	..	..	..	..
..	6	5	..	..	..	..	163,000
..	..	..	..	..	..	..	233,000
760	..	..	..	..	..	..	7,000
..	..	..	..	..	..	..	2,000
..	..	..	..	..	..	..	5,000
..	..	..	..	..	..	..	28,000
..	1,540	6,424	..	..	..	..	..
..	..	2	..	..	..	..	6,000
..	2	..	5	35	..	..	321,000
..	..	..	..	..	11,300	5,700	15,000
..	2,330	546	..	..	..	..	230,000
..	..	..	..	..	..	..	12,000
..	28	*14	..	..	..	..	..
..	..	..	..	..	..	..	150
..	360	1,367	..	0	2,800	0	430,000
..	..	2	42	..	30,600	25,100	57,000
..	..	..	..	..	..	..	27,000
..	2	0	8,167	..	..	..	12,000
..	127	..	..	..	..	..	103,000
..	590	7	286	..	..	..	348,000
..	20	..	..	..	362,600	155,500	23,000
..	0	..	..	..	..	..	733,000
..	1,245	39	..	..	..	..	11,000
..	..	..	..	..	..	..	2,000
..	46	20	3	..	..	..	205,000
..	..	..	..	..	..	..	33,000
..	..	..	..	..	340,600	104,900	3,000
..	5,292	5,074	..	91	..	..	43,000
7,015	2,215	726	..	..	..	..	600,000
..	950	750	..	..	..	..	..
..	840	40	..	..	..	..	475,000
..	442	*12	..	..	..	..	26,000
					..	..	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	..	44	..	..	100	..	..	..
Philippines	50	41	8	394	275	37	..	..
Poland	16,967	4,338	27,405	1,661	1,371	11,837	890	..
Portugal	8	3	..	38	33	..	..	..
Qatar	..	..	..	..	..	..	..	..
Republic of Moldova	..	..	..	..	..	..	..	..
Romania	28	10	2,143	3,810	281	8,177	25	13
Russian Federation	194,000	49,088	200,000	124,823	107,922	200,000	17,680	11,554
Rwanda	..	..	..	..	..	..	..	..
Samoa	..	..	..	..	..	..	..	..
Saudi Arabia	..	..	..	..	..	..	..	..
Senegal	..	..	..	..	..	..	40	24
Serbia	22	9	..	20,836	13,761	..	..	..
Serbia and Montenegro	..	..	..	..	..	..	..	..
Sierra Leone	..	..	..	..	..	..	..	..
Slovakia	2	2	..	519	260	..	..	..
Slovenia	..	..	..	644	223	40	..	..
Solomon Islands	..	..	..	..	..	..	..	..
Somalia	..	..	..	..	..	..	..	..
South Africa	115,000	30,156	5,000	30	..	100	47	30
Spain	812	200	3,000	584	330	1,260	94	70
Sri Lanka	..	..	..	..	..	..	5	5
Sudan (former)	..	..	..	..	..	..	..	..
Suriname	..	..	..	..	..	..	..	..
Swaziland	1,000	144	793	..	..	..	..	..
Sweden	..	..	..	4	1	20	700	70
Switzerland	..	..	..	..	..	..	..	..
Syrian Arab Republic	..	..	..	..	..	..	..	..
T.F.Yug.Rep. Macedonia	..	..	..	..	332	..	..	..
Tajikistan	..	375	..	..	..	..	..	..
Thailand	..	..	..	2,056	1,239	2,857	..	..
Togo	..	..	..	..	..	..	..	..
Trinidad and Tobago	..	..	..	..	..	..	..	..
Tunisia	..	..	..	..	..	..	..	..
Turkey	590	529	249	2,166	1,814	296	..	..
Turkmenistan	..	..	..	..	..	..	..	..
Uganda	..	..	..	..	..	..	..	..
Ukraine	20,467	15,351	5,170	24,697	18,522	6,174	2,160	684
United Arab Emirates	..	..	..	..	..	..	..	..
United Kingdom	386	228	190	1,000	500	..	..	..
United Rep. of Tanzania	*304	200	*1,500	..	..	..	..	..
United States	241,607	108,501	445,346	200,807	128,794	667,415	26,000	13,000
Uruguay	..	..	..	..	..	..	..	..
Uzbekistan	..	47	..	..	1,853	..	..	..
Venezuela (Bolivar. Rep.)	1,328	479	4,528	..	..	..	..	..
Viet Nam	312	150	..	..	..	..	..	..
Yemen	..	..	..	..	..	..	..	..
Zambia	..	10	..	69	55	18	..	..
Zimbabwe	1,535	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
..	335	79	..	1	1,300	1,300	1,577,000
..	93	18	..	..	..	..	47,000
2,300	75	16	7	..	..	..	25,000
..	25,172	3,465	..	..	6,000	1,000	32,000
..
10	102	54	..	1	3,100	3,600	70,000
168,320	44,900	8,184	35,470	4,518	218,300	432,000	2,295,000
2,000	57	..	..	..	..	..	2,000
..	..	..	..	..	..	..	140
..	7,569	36,201	..	..	..	..	..
52	10	0	..	..	..	..	11,000
..	48	11	..	..	..	..	27,000
..	45	22	..	..	..	..	118,000
..	..	..	..	..	..	..	11,000
..	15	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	..	192,900	179,200	73,000
..	3	20	40	..	14,000	0	162,000
46	..	..	..	..	..	..	21,000
..	85	682	..	..	..	..	48,000
..	..	*12	..	..	..	..	39,000
..	..	..	..	..	..	..	4,000
..	..	..	875	..	5,000	8,500	200,000
..	..	..	..	..	..	..	125,000
..	300	335	..	..	..	..	11,000
..	..	..	..	..	..	..	9,000
..	6	2	..	..	..	..	527,000
..	340	*82	916	..	..	..	18,000
..	..	..	..	..	..	..	4,000
..	481	46	..	1	..	..	..
..	92	55	..	..	..	..	1,000
..	6	43	284	..	7,300	..	433,000
..	8,400	82	1,100	..	..	..	24,000
..	..	..	..	..	..	..	33,000
1,846	787	54	600	..	143,300	81,300	45,000
..	6,432	13,340	..	..	..	..	..
..	292	382	501	12	..	..	35,000
..	24	..	..	..	30,100	15,600	39,000
..	7,022	4,215	536,931	3	472,100	..	2,040,000
46	..	..	..	..	..	..	32,000
..	1,745	81	1,200	..	64,300	31,900	88,000
..	4,983	28,780	..	9,212	..	..	731,000
..	217	600	..	..	1,000	5,400	300,000
..	555	409	..	..	..	..	..
..	..	..	..	..	9,900	5,700	53,000
..	..	..	..	..	1,400	..	44,000