

ENERGY BALANCES OF NON-OECD COUNTRIES

BILANS ÉNERGÉTIQUES DES PAYS NON MEMBRES

2009
EDITION

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**ENERGY BALANCES
OF NON-OECD COUNTRIES**

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DES PAYS NON MEMBRES**

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EDITION

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It carries out a comprehensive programme of energy co-operation among twenty-eight of the thirty OECD member countries. The basic aims of the IEA are:

- To maintain and improve systems for coping with oil supply disruptions.
- To promote rational energy policies in a global context through co-operative relations with non-member countries, industry and international organisations.
- To operate a permanent information system on international oil markets.
 - To provide data on other aspects of international energy markets.
 - To improve the world's energy supply and demand structure by developing alternative energy sources and increasing the efficiency of energy use.
 - To promote international collaboration on energy technology.
 - To assist in the integration of environmental and energy policies, including relating to climate change.



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International Energy Agency (IEA)

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Elle applique un programme général de coopération dans le domaine de l'énergie entre vingt-huit des trente pays membres de l'OCDE. Les objectifs fondamentaux de l'AIE sont les suivants :

- Tenir à jour et améliorer des systèmes permettant de faire face à des perturbations des approvisionnements pétroliers.
- Œuvrer en faveur de politiques énergétiques rationnelles dans un contexte mondial grâce à des relations de coopération avec les pays non membres, l'industrie et les organisations internationales.
- Gérer un système d'information continue sur le marché international du pétrole.
- Fournir des données sur différents aspects des marchés internationaux de l'énergie.
 - Améliorer la structure de l'offre et de la demande mondiales d'énergie en favorisant la mise en valeur de sources d'énergie de substitution et une utilisation plus rationnelle de l'énergie.
 - Promouvoir la collaboration internationale dans le domaine de la technologie énergétique.
 - Contribuer à l'intégration des politiques d'énergie et d'environnement, notamment en matière de changement climatique.



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ABBREVIATIONS

| | |
|------------------|--|
| Btu: | British thermal unit |
| GWh: | gigawatt hour |
| kcal: | kilocalorie |
| kg: | kilogramme |
| kJ: | kilojoule |
| Mt: | million tonnes |
| m ³ : | cubic metre |
| t: | metric ton = tonne = 1000 kg |
| TJ: | terajoule |
| toe: | tonne of oil equivalent = 10 ⁷ kcal |
| CHP: | combined heat and power |
| GCV: | gross calorific value |
| GDP: | gross domestic product |
| HHV: | higher heating value = GCV |
| LHV: | lower heating value = NCV |
| NCV: | net calorific value |
| PPP: | purchasing power parity |
| TFC: | total final consumption |
| TPES: | total primary energy supply |
| AfDB: | African Development Bank |
| EU-27: | European Union - 27 |
| FAO: | Food and Agriculture Organisation of the United Nations |
| IEA: | International Energy Agency |
| OECD: | Organisation for Economic Co-Operation and Development |
| OLADE: | Organización Latinoamericana de Energía |
| UN: | United Nations |
| IPCC: | Intergovernmental Panel on Climate Change |
| ISIC: | International Standard Industrial Classification |
| UNPEDE: | International Union of Producers and Distributors of Electrical Energy |
| .. | not available |
| - | nil |
| x | not applicable |

ABREVIATIONS

| | |
|------------------|--|
| Btu: | British thermal unit |
| GWh: | gigawattheure |
| kcal: | kilocalorie |
| kg: | kilogramme |
| kJ: | kilojoule |
| Mt: | million de tonnes |
| m ³ : | mètre cube |
| t: | tonne métrique = 1000 kg |
| tep: | tonne d'équivalent pétrole = 10 ⁷ kcal |
| TJ: | terajoule |
| | |
| ATEP: | approvisionnements totaux en énergie primaire |
| CFT: | consommation finale totale |
| COGEN: | cogénération chaleur et électricité |
| PCI: | pouvoir calorifique inférieur |
| PCS: | pouvoir calorifique supérieur |
| PIB: | produit intérieur brut |
| PPA: | parité de pouvoir d'achat |
| | |
| AIE: | Agence internationale de l'énergie |
| BAfD: | Banque africaine de développement |
| FAO: | Organisation des nations unies pour l'alimentation et l'agriculture |
| OCDE: | Organisation de coopération et de développement économiques |
| OLADE: | Organización Latinoamericana de Energía |
| ONU: | Organisation des nations unies |
| UE-27: | Union européenne - 27 |
| | |
| CITI: | Classification internationale type par industrie |
| GIEC: | Groupe d'experts intergouvernemental sur l'évolution du climat |
| UNIPEDA: | Union internationale des producteurs et distributeurs d'énergie électrique |
| | |
| .. | non disponible |
| - | néant |
| x | sans objet |

MULTILINGUAL GLOSSARIES

See multilingual glossary at the end of the publication.

Voir le glossaire en plusieurs langues à la fin du présent recueil.

Deutsches Glossar auf der letzten Umschlagseite.

Riferirsi al glossario multilingue alla fine del libro.

巻末の日本語用語集を参照

Véase el glosario plurilingüe al final del libro.

Смотрите многоязычный словарь в конце книги.

INTRODUCTION

An analysis of energy problems requires a comprehensive presentation of basic statistics in original units such as tonnes of coal and kilowatt hours of electricity. This type of presentation is published in *Energy Statistics of Non-OECD Countries*, the sister volume to this publication. The usefulness of such basic data can be considerably improved by expressing them in a common unit suitable for uses such as estimation of total energy supply, forecasting and the study of substitution and conservation. The energy balance is a presentation of the basic supply and demand data for all fuels in a manner which shows the main fuels together but separately distinguished and expressed in a common energy unit. Both of these characteristics will allow the easy comparison of the contribution each fuel makes to the economy and their interrelationships through the conversion of one fuel into another.

This publication offers the same coverage on energy balances, trends and indicators as the homonymous publication for OECD countries. It provides statistics on production, trade and consumption in a common unit for each source of energy in more than 100 non-OECD countries and main regions including the World. Non-OECD countries cover developing countries, Central and Eastern European countries, and the Former Soviet Union. The consistency and complementarity of OECD and non-OECD countries' statistics ensure an accurate picture of the global energy situation.

This volume has been prepared in close collaboration with other international organisations, including the Economic Commission for Europe of the United Nations (UN-ECE), the Organización Latino Americana De Energía (OLADE), the Asia Pacific Energy Research Centre (APEREC), the United Nations Statistics Division (UNSD), and the Forestry Department of the United

Nations (FAO). It draws upon and complements the extensive work of the United Nations in the field of world energy statistics.

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

Energy balances are presented in two formats reflecting the degree of detail available. Moreover, the statistics showing contribution from renewable energies and energy from wastes are less detailed in this publication than in the *Energy Statistics of OECD Countries*. General issues of data quality, country notes and individual country data should be consulted when using regional aggregates.

Energy data on OECD and non-OECD countries are collected by the team in the Energy Statistics Division (ESD) of the IEA Secretariat, headed by Mr. Jean-Yves Garnier. Non-OECD countries statistics are currently the responsibility of Mr. Frédéric Daniel, Ms. Anne Durand, Mr. Jérôme Garcia, Ms. Heidi Pokki, Mr. Paul Tepes and Mr. Tomasz Truś. Ms. Roberta Quadrelli has overall editorial responsibility. Secretarial support was supplied by Ms. Sharon Burghgraeve. We would like to thank Ms. Sun Fu Jing and Mr. Xie Xin for their precious help, as well as our numerous contacts world-wide in national administrations and in public and private companies for their helpful co-operation.

Complete supply and consumption data from 1971 to 2007 are available on CD-ROM suitable for use on IBM-compatible systems.

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

Enquiries about data, methodology, or comments and suggestions should be addressed to the head of the non-OECD Countries Section, Energy Statistics Division, at:

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E-mail: wed@iea.org.

WHAT'S NEW

Starting with this edition, international aviation bunkers will no longer be included in the transport sector at the country level. It will be subtracted out of supply in the same way as international marine bunkers. For further details of this change, please see the explanatory notes on methodology in Chapter 2.

INTRODUCTION

L'analyse des questions énergétiques suppose une présentation détaillée de statistiques de base exprimées dans leurs différentes unités d'origine : tonnes de charbon et kilowatts-heure d'électricité, par exemple. Ces informations sont présentées dans les *Statistiques de l'énergie des pays non membres*, recueil publié parallèlement au présent document. On peut accroître considérablement l'utilité de ces données de base en adoptant, pour les exprimer, une unité commune qui permette de les exploiter, par exemple, pour estimer les approvisionnements totaux en énergie, établir des prévisions, ou étudier les possibilités de substitution ou d'économies d'énergie. Le bilan énergétique présente les données de base concernant l'offre et la demande pour toutes les formes d'énergie, selon une méthode permettant de les présenter groupées par grandes catégories, mais aussi de les indiquer séparément selon une unité commune d'énergie. Ces deux caractéristiques permettent une comparaison aisée de la contribution des différentes formes d'énergie à l'économie et faciliteront l'étude de leurs relations réciproques grâce à l'utilisation de coefficients de conversion.

Cette publication offre la même couverture statistique que la publication homonyme pour les pays de l'OCDE. Elle fournit, dans une unité commune, des statistiques sur la production, les échanges et la consommation pour chaque source d'énergie, pour plus de 100 pays ne faisant pas partie de l'OCDE et les principales régions y compris le monde. Ces pays incluent des pays en voie de développement, des pays d'Europe centrale et orientale et de l'ex-Union Soviétique. La compatibilité et la complémentarité des statistiques des pays membres de l'OCDE et des pays ne faisant pas partie de l'OCDE garantissent la qualité de l'image de la situation énergétique mondiale.

Ce document a été préparé en étroite collaboration avec d'autres organisations internationales dont la Commission Economique pour l'Europe des Nations Unies (CEE-ONU), l'Organización Latino Americana De

Energía (OLADE), le Asia Pacific Energy Research Centre (APEREC), la Division des Statistiques des Nations Unies (UNSD), et le Département des forêts de l'Organisation des Nations Unies pour l'Alimentation et l'Agriculture (FAO). Il utilise et complète le travail considérable déjà accompli par les Nations Unies dans le domaine des statistiques énergétiques.

Bien que tout ait été mis en œuvre pour assurer l'exactitude de ces données, la qualité des chiffres de cette publication n'est pas toujours homogène. Pour certains pays les données proviennent de sources secondaires et, lorsque les données manquent, sont basées sur des estimations. D'une façon générale, les chiffres sont sans doute plus exacts en ce qui concerne la production, les échanges et la consommation totale que pour les secteurs désagrégés de la transformation ou de la consommation finale. Les bilans énergétiques sont présentés en deux formats différents selon les détails disponibles pour chaque pays. De plus, les statistiques montrant la contribution des énergies renouvelables et des déchets sont moins détaillées dans cette publication que dans les *Statistiques de l'énergie des pays de l'OCDE*. Il convient, lors de l'utilisation des agrégats régionaux, de consulter également la note générale sur la qualité des données, les notes relatives aux différents pays et les données par pays.

Les données énergétiques sur les pays membres et non-membres de l'OCDE sont collectées par la Division des Statistiques Energétiques (ESD) du Secrétariat de l'AIE, dirigée par M. Jean-Yves Garnier. M. Frédéric Daniel, Mlle Anne Durand, M. Jérôme Garcia, Mme Heidi Pokki, M. Paul Tepes et M. Tomasz Truś sont actuellement responsables des statistiques des pays non-membres de l'OCDE. Mme Roberta Quadrelli est responsable de la publication. Mme Sharon Burghraeve a assuré le secrétariat d'édition et la saisie des textes.

Nous aimerions remercier Mme Sun Fu Jing et M. Xie Xin pour leur aide précieuse pour leur aide précieuse,

ainsi que les personnes des administrations nationales avec qui nous sommes en contact pour leur coopération fructueuse.

Des données complètes sur l'offre et la demande sont disponibles, pour les années 1971 à 2007, sur CD-ROM exploitables par des systèmes compatibles IBM.

En outre, un service de données est disponible sur internet. Ce service comprendra une souscription annuelle pour un accès illimité ou bien la possibilité de payer uniquement pour des données sélectionnées. Pour plus de détails, veuillez consulter <http://www.iea.org>.

Les demandes de renseignements sur les données ou la méthodologie doivent être adressées au chef de la section des pays non membres, division des statistiques de l'énergie :

Division des statistiques de l'énergie
Agence Internationale de l'Énergie
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NOUVEAU

Dans cette édition, les soutes aériennes internationales ne sont plus comprises dans le secteur des transports au niveau d'un pays. Elles sont déduites de l'approvisionnement de la même manière que les soutes maritimes internationales. Pour plus de détails sur ce changement, veuillez vous reporter aux notes explicatives sur la méthodologie au chapitre 2.

PART I: METHODOLOGY

PARTIE I : METHODOLOGIE

1. ISSUES OF DATA QUALITY

Methodology

Considerable effort has been made to ensure that the data presented in this publication adhere to the IEA definitions reported in Part I.2, Explanatory notes. These definitions are used by most of the international organisations that collect energy statistics.

Nevertheless, energy statistics at the national level are often collected using criteria and definitions which differ, sometimes considerably, from those of international organisations. The IEA Secretariat has identified these differences and, where possible, adjusted the data to meet international definitions.

Recognised anomalies occurring in specific countries are presented in Part I.5, Country notes and sources. Country notes present the most important deviations from the IEA methodology, and are by no means a comprehensive list of anomalies by country.

Estimation

In addition to adjustments compensating for differences in definitions, estimations are sometimes required to complete major aggregates, when key statistics are missing.

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

For all countries and all years, the Secretariat also provides energy indicators computed with GDP and population data. When these economic data were not

available from official international sources, the Secretariat used estimates provided by the CHELEM-CEPII database (see 'General references' in Part I.5, Country notes and sources; and 'Indicators', in Part I.2, Explanatory notes).

Time series and political changes

Energy balances for the individual countries of the Former Soviet Union and the Former Yugoslavia have been constructed since 1990, and are not available for previous years. These balances are generally based on official submissions, but some estimations have been made by the Secretariat.

Energy statistics for some countries undergo continuous changes in their coverage or methodology. Consequently, "breaks in series" are considered to be unavoidable.

The IEA Secretariat reviews its databases each year. In the light of new assessments, important revisions may be made to time series of individual countries during the course of this review. Therefore, some data in this publication have been substantially revised with respect to previous editions. Please always consult Part I.5, Country notes and sources.

Classification of fuel uses

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

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

Where possible, data have been adjusted to fit international classifications. For example, all gasoline is assumed to be consumed in the 'Transport' sector. However, it has not been possible to reclassify products other than gasoline and jet fuel as easily, and few other adjustments have been made to the other products.

Imports and exports

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

Specific issues by fuel

Coal

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

Oil

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

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

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

Natural gas

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

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

Natural gas supply and demand statistics are normally reported in volumetric units, and it is difficult to obtain accurate data on the calorific value. In the absence of specific information, the IEA generally applies an average gross calorific value of 38 TJ/million m³.

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

Electricity

The IEA classification shows 'main activity producers' separately from 'autoproducers' of electricity and heat. As defined in Part I.2, Explanatory notes, an autoproducer of electricity is an establishment which, in addition to its main activities, generates electricity wholly or partly for its own use. For non-OECD countries, data on autoproducers are not always known. In such cases, the quantities of fuels used as input to

electricity are reported instead under the appropriate end-use sector.

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

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

Heat

For heat, transition economies (Eastern European countries and countries of the Former Soviet Union) and China used to adopt a different methodology from that adopted in market economies. They allocated the transformation of primary fuels (coal, oil and gas) by industry into heat *for consumption on site* to the transformation activity 'heat production', not to industrial consumption, as in the IEA methodology¹. The transformation output of *Heat* was then allocated to the various end use sectors. The losses occurring in the transformation of fuels into heat in industry were not included in final consumption of industry.

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

Combustible renewables and waste

The IEA publishes data on production, domestic supply and consumption of combustible renewables and waste for all non-OECD countries and all regions.

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

Where historical series were incomplete or unavailable, they were estimated using a methodology

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

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

| Region | Main source of data | Data quality | Exogenous variables |
|---------------------|----------------------------------|----------------|------------------------|
| Africa | FAO database and AfDB | low | population growth rate |
| Latin America | national and OLADE | high | none |
| Asia | surveys | high to low | population growth rate |
| Non-OECD Europe | questionnaires and FAO | high to medium | none |
| Former Soviet Union | national, questionnaires and FAO | high to medium | none |
| Middle East | FAO | medium to low | none |

Given the importance of vegetal fuels in the energy picture of many developing countries, balances down to final consumption by end-use for individual products or product categories have been compiled for all countries. The data for the years 2006 and 2007 are shown in the Annual tables. Time series for charcoal production are shown in the Summary tables.

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

1. For autoproducer plants, the international methodology restricts the inclusion of heat in transformation sector to that sold to third parties. See definition in Part I.2, General notes.

2. EXPLANATORY NOTES

Unit

The IEA energy balance methodology is based on the calorific content of the energy commodities and a common unit of account. The unit of account adopted by the IEA is the tonne of oil equivalent (toe) which is defined as 10^7 kilocalories (41.868 gigajoules). This quantity of energy is, within a few per cent, equal to the net heat content of 1 tonne of crude oil. Throughout this publication 1 tonne means 1 metric ton or 1000 kg.

Conversion (from original units to toe)

The change from using the original units to tonnes of oil equivalent implies choosing coefficients of equivalence between different forms and sources of energy. This problem can be approached in many different ways. For example, one could adopt a single equivalence for each major primary energy source in all countries, e.g. 29 307 kJ/kg (7 000 kcal/kg) for hard coal, 41 868 kJ/kg (10 000 kcal/kg) for oil, etc.

The main objection to this method is that it results in distortions since there is a wide spread in calorific values between types of coal and individual coal products, and between calorific values of these fuels in different countries. The Secretariat has therefore adopted specific factors supplied by the national administrations for the main categories of each quality of coal and for each flow or use (i.e. production, imports, exports, electricity generation, coke ovens, blast furnaces and industry).

For crude oil, specific factors have been used for production, imports and exports based on consultations with experts from the national administrations. Up

until last year, petroleum products had been converted using a single set of conversion factors for the majority of countries. Last year the IEA decided to apply regional conversion factors (in conjunction with Eurostat for the European countries) for the petroleum products. Values which were country-specific have been kept.

Gas data in *Energy Statistics of Non-OECD Countries* are presented in terajoules on a **gross calorific basis**. Data on combustible renewables & waste are presented in terajoules on a **net calorific basis**.

The balances are expressed in terms of "net" calorific value. The difference between the "net" and the "gross" calorific value for each fuel is the latent heat of vaporisation of the water produced during combustion of the fuel. For coal and oil, net calorific value is about 5% less than gross, for most forms of natural and manufactured gas the difference is 9-10%, while for electricity and heat there is no difference as the concept has no meaning in this case. The use of net calorific value is consistent with the practice of the Statistical Offices of the European Communities and the United Nations.

Electricity data are converted from original units of gigawatt hours to million tonnes of oil equivalent using the relationship: 1 terawatt hour = 0.086 Mtoe.

For more detail on converting to heat units, see Section 3, Units and conversions.

Primary energy conventions

When constructing an energy balance, it is necessary to adopt conventions for primary energy from several sources, such as nuclear, geothermal, solar, hydro, wind, etc. The two types of assumptions that have to be made are described below.

Choice of the primary energy form

For each of these sources, there is a need to define the form of primary energy to be considered; for instance, in the case of hydro energy, a choice must be made between the kinetic energy of falling water and the electricity produced. For nuclear energy, the choice is between the energy content of the nuclear fuel, the heat generated in the reactors and the electricity produced. For photovoltaic electricity, the choice is between the solar radiation received and the electricity produced.

The principle adopted by the IEA is that the primary energy form should be the first energy form downstream in the production process for which multiple energy uses are practical. The application of this principle leads to the choice of the following primary energy forms:

- **Heat** for nuclear, geothermal and solar thermal;
- **Electricity** for hydro, wind, tide/wave/ocean and solar photovoltaic.

Calculation of the primary energy equivalent

There are essentially two methods that can be used to calculate the primary energy equivalent of the above energy sources: the partial substitution method and the physical energy content method.

The partial substitution method: In this method, the primary energy equivalent of the above sources of electricity generation represents the amount of energy that would be necessary to generate an identical amount of electricity in conventional thermal power plants. The primary energy equivalent is calculated using an average generating efficiency of these plants. This method has several shortcomings, including the difficulty of choosing an appropriate generating efficiency and the fact that the partial substitution method is not relevant for countries with a high share of hydro electricity. For these reasons, the IEA, as most of the international organisations, has now stopped using this method and adopted the physical energy content method.

The physical energy content method: This method uses the physical energy content of the primary energy source as the primary energy equivalent. As a consequence, there is an obvious link between the principles adopted in defining the primary energy forms of energy sources and the primary energy equivalent of these sources. For instance, in the case of nuclear electricity production, as heat is the primary energy form selected by the IEA, the primary energy equivalent is the quantity of heat generated in the reactors.

However, as the amount of heat produced is not always known, the IEA estimates the primary energy equivalent from the electricity generation by assuming an efficiency of 33%, which is the average of nuclear power plants in Europe.

In the case of hydro and solar PV, as electricity is the primary energy form selected, the primary energy equivalent is the physical energy content of the electricity generated in the plant, which amounts to assuming an efficiency of 100%. A more detailed presentation of the assumptions used by the IEA in establishing its energy balances is given in Section 3.

For geothermal, if no country-specific information is available, the primary energy equivalent is calculated as follows:

- 10% for geothermal electricity;
- 50% for geothermal heat.

Since these two types of energy balances differ significantly in the treatment of electricity from solar, hydro, wind, etc., the share of renewables in total energy supply will appear to be very different depending on the method used. As a result, when looking at the percentages of various energy sources in total supply, it is important to understand the underlying conventions that were used to calculate the primary energy balances.

Layout

The energy balances are presented in tabular format: columns for the various sources of energy and rows for the different origins and uses.

Columns

Across the top of the table from left to right, there are eleven columns with the following headings:

Column 1: *Coal and peat* includes all coal, both primary (including hard coal and lignite/brown coal) and derived fuels (including patent fuel, coke oven coke, gas coke, BKB, coke oven gas, blast furnace gas and oxygen steel furnace gas). Peat is also included in this category.

Column 2: *Crude oil* comprises crude oil, natural gas liquids, refinery feedstocks, and additives as well as other hydrocarbons (including emulsified oils, synthetic crude oil, mineral oils extracted from bituminous minerals such as oil shale, bituminous sand, etc., and oils from coal and gas liquefaction).

Column 3: *Petroleum products* comprise refinery gas, ethane, LPG, aviation gasoline, motor gasoline, jet fuels, kerosene, gas/diesel oil, heavy fuel oil, naphtha, white spirit, lubricants, bitumen, paraffin waxes, petroleum coke and other petroleum products.

Column 4: *Gas* includes natural gas (excluding natural gas liquids) and gas works gas. The latter appears as a positive figure in the "gas works" row but is not part of production.

Column 5: *Nuclear* shows the primary heat equivalent of the electricity produced by a nuclear power plant with an average thermal efficiency of 33%.

Column 6: *Hydro* shows the energy content of the electricity produced in hydro power plants. Hydro output *excludes* output from pumped storage plants.

Column 7: *Geothermal, solar, etc.* shows production of geothermal, solar, wind and tide/wave/ocean energy and the use of these energy forms for electricity and heat generation. Unless the actual efficiency of the geothermal process is known, the quantity of geothermal energy entering electricity generation is inferred from the electricity production at geothermal plants assuming an average thermal efficiency of 10%. For solar, wind and tide/wave/ocean energy, the quantities entering electricity generation are equal to the electrical energy generated. Other uses shown in this column relate to geothermal and solar thermal heat.

Column 8: *Combustible renewables & waste* comprises solid biomass, liquid biomass, biogas, industrial waste and municipal waste. Biomass is defined as any plant matter used directly as fuel or converted into fuels (e.g. charcoal) or electricity and/or heat. Included here are wood, vegetal waste (including wood waste and crops used for energy production), ethanol, animal materials/wastes and sulphite lyes (also known as "black liquor" which is an alkaline spent liquor from the digesters in the production of sulphate or soda pulp during the manufacture of paper where the energy content is derived from the lignin removed from the wood pulp and which is usually 65-70% solid in its concentrated form). Municipal waste comprises wastes produced by the residential, commercial and public service sectors that are collected by local authorities for disposal in a central location for the production of heat and/or power. Hospital waste is included in this category.

Data under this heading are often based on incomplete information. Thus the data give only a broad impression of developments, and are not strictly comparable between countries. In some cases complete categories

of vegetal fuel are omitted due to lack of information. Please refer to individual country data when consulting regional aggregates.

Column 9: *Electricity* shows final consumption and trade in electricity, which is accounted at the same heat value as electricity in final consumption (i.e. 1 GWh = 0.000086 Mtoe).

Column 10: *Heat* shows the disposition of heat produced for sale. The large majority of the heat included in this column results from the combustion of fuels although some small amounts are produced from electrically powered heat pumps and boilers. Any heat extracted from ambient air by heat pumps is shown as production.

Column 11: *Total* equals the total of Columns 1 to 10.

Rows

The categories on the left hand side of the table have the following functions:

Row 1: *Production* is the production of primary energy, i.e. hard coal, lignite/brown coal, peat, crude oil, NGLs, natural gas, combustible renewables and waste, nuclear, hydro, geothermal, solar and the heat from heat pumps that is extracted from the ambient environment. Production is calculated after removal of impurities (e.g. sulphur from natural gas). Calculation of production of hydro, geothermal, etc. and nuclear electricity is explained in Section 3, Units and conversions.

Row 2/3: *Imports* and *exports* comprise amounts having crossed the national territorial boundaries of the country, whether or not customs clearance has taken place.

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

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

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

Row 4: *International marine bunkers* covers those quantities delivered to ships of all flags that are engaged in international navigation. The international navigation may take place at sea, on inland lakes and waterways, and in coastal waters. Consumption by ships engaged in domestic navigation is excluded. The domestic/international split is determined on the basis of port of departure and port of arrival, and not by the flag or nationality of the ship. Consumption by fishing vessels and by military forces is also excluded. See *domestic navigation* (Row 40), *fishing* (Row 46) and *non-specified “other sectors”* (Row 47).

Row 5: *International aviation bunkers* includes deliveries of aviation fuels to aircraft for international aviation. Fuels used by airlines for their road vehicles are excluded. The domestic/international split should be determined on the basis of departure and landing locations and not by the nationality of the airline. For many countries this incorrectly excludes fuel used by domestically owned carriers for their international departures.

Note: In October 2008 the IEA hosted the 3rd meeting of InterEnerStat. This group is made up of 24 international organizations that collect or use energy statistics. One of the objectives of the group is to improve the quality of energy data by harmonizing definitions for energy sources and flows. As a result of this meeting, the IEA has decided to align its energy statistics and balances with most other international organizations and to treat international aviation bunkers in the same way as international marine bunkers. Starting with this edition, international aviation bunkers will no longer be included in the transport sector at the country level. It will be subtracted out of supply in the same way as international marine bunkers.

Row 6: *Stock changes* reflects the difference between opening stock levels on the first day of the year and closing levels on the last day of the year of stocks on national territory held by producers, importers, energy transformation industries and large consumers. A stock build is shown as a negative number, and a stock draw as a positive number.

Row 7: *Total primary energy supply (TPES)* is made up of *production* (Row 1) + *imports* (Row 2) - *exports* (Row 3) - *international marine bunkers* (Row 4) -

international aviation bunkers (Row 5) ± *stock changes* (Row 6).

Row 8: *Transfers* include interproduct transfers, products transferred and recycled products (e.g. used lubricants which are reprocessed).

Row 9: *Statistical differences* includes the sum of the unexplained statistical differences for individual fuels, as they appear in the basic energy statistics. It also includes the statistical differences that arise because of the variety of conversion factors in the coal and oil columns. See introduction to *Energy Statistics of Non-OECD Countries* for further details.

Row 10: *Electricity plants* refers to plants which are designed to produce electricity only. If one or more units of the plant is a CHP unit (and the inputs and outputs can not be distinguished on a unit basis) then the whole plant is designated as a CHP plant. Both main activity producer (formerly known as public)¹ and autoproducer² plants are included here. Columns 1 through 8 show the use of primary and secondary fuels for the production of electricity as negative entries. Heat from chemical processes used for electricity generation will appear in Column 10. Gross electricity produced (including power stations' own consumption) appears as a positive quantity in the electricity column. Transformation losses appear in the total column as a negative number.

Row 11: *Combined heat and power plants (CHP)*, refers to plants which are designed to produce both heat and electricity, sometimes referred as co-generation power stations. If possible, fuel inputs and electricity/heat outputs are on a unit basis rather than on a plant basis. However, if data are not available on a unit basis, the convention for defining a CHP plant noted above is adopted. Both main activity producer (formerly known as public) and autoproducer plants are included here. *Note that for autoproducer CHP plants, all fuel inputs to electricity production are taken into account, while only the part of fuel inputs to heat sold is shown. Fuel inputs for the production of heat consumed within the autoproducer's establishment are not included here but are included with figures for the final consumption of fuels in the appropriate consuming sector.*

1. Main activity producer (formerly known as public supply undertakings) generate electricity and/or heat for sale to third parties, as their primary activity. They may be privately or publicly owned. Note that the sale need not take place through the public grid.

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

Columns 1 through 8 show the use of primary and secondary fuels for the production of electricity and heat as negative entries. Total gross electricity produced appears as a positive quantity in the electricity column and heat produced appears as a positive number in the heat column. Transformation losses appear in the total column as a negative number.

Row 12: *Heat plants* refers to plants (including heat pumps and electric boilers) designed to produce heat only, which is sold to a third party under the provisions of a contract. Both main activity producer (formerly known as public) and autoproducer plants are included here. Heat pumps that are operated within the residential sector where the heat is not sold are not considered a transformation process and are not included here - the electricity consumption appears as residential use.

Columns 1 through 8 show the use of primary and secondary fuels in a heating system that transmits and distributes heat from one or more energy sources to, among others, residential, industrial, and commercial consumers, for space heating, cooking, hot water and industrial processes.

Row 13: *Gas works* is treated similarly to electricity generation, with the quantity produced appearing as a positive figure in the gas column, inputs as negative entries in the coal, petroleum products and gas columns, and conversion losses appearing in the total column.

Row 14: *Petroleum refineries* shows the use of primary energy for the manufacture of finished petroleum products and the corresponding output. Thus, the total reflects transformation losses. In certain cases the data in the total column are positive numbers. This can be due either to problems in the primary refinery balance, or to the fact that the IEA uses regional net calorific values for petroleum products.

Row 15: *Coal transformation* contains losses in transformation of coal from primary to secondary fuels and from secondary to tertiary fuels (hard coal to coke, coke to blast furnace gas, lignite to BKB, etc.). It is often difficult to correctly account for all inputs and outputs in energy transformation industries, and to separate energy that is transformed from energy that is combusted. As a result, in certain cases the data in the total column are positive numbers, indicating a problem in the underlying energy data.

Row 16: *Liquefaction plants* includes diverse liquefaction processes, such as coal liquefaction plants and gas-to-liquid plants.

Row 17: *Other transformation* covers non-specified transformation not shown elsewhere, such as the transformation of solid biomass into charcoal and the blending of other gases with natural gas. It also includes backflows from the petrochemical sector. Backflows from oil products that are used for non-energy purposes (i.e. white spirit and lubricants) are not included here, but in non-energy use.

Row 18: *Own use* contains the primary and secondary energy consumed by transformation industries for heating, pumping, traction and lighting purposes [ISIC³ Divisions 10-12, 23 and 40]. These quantities are shown as negative figures. Included here are, for example, own use of energy in coal mines, own consumption in power plants (which includes net electricity consumed for pumped storage), and energy used for oil and gas extraction.

Row 19: *Distribution and transmission losses* includes losses in gas distribution, electricity transmission and coal transport.

Row 20: *Total final consumption* (TFC) is the sum of consumption by the different end-use sectors. Backflows from the petrochemical industry are not included in final consumption (see Row 16, *other transformation* and Row 50, *of which petrochemical feedstocks*).

Rows 21-34: *Industry sector* consumption is specified in the following sub-sectors (energy used for transport by industry is not included here but is reported under transport):

Iron and steel industry [ISIC Group 271 and Class 2731];

Chemical and petrochemical industry [ISIC Division 24] excluding petrochemical feedstocks;

Non-ferrous metals basic industries [ISIC Group 272 and Class 2732];

Non-metallic minerals such as glass, ceramic, cement, etc. [ISIC Division 26];

Transport equipment [ISIC Divisions 34 and 35];

Machinery comprises fabricated metal products, machinery and equipment other than transport equipment [ISIC Divisions 28 to 32];

Mining (excluding fuels) and quarrying [ISIC Divisions 13 and 14];

Food and tobacco [ISIC Divisions 15 and 16];

Paper, pulp and printing [ISIC Divisions 21 and 22];

3. International Standard Industrial Classification of All Economic Activities, Series M, No. 4/Rev. 3, United Nations, New York 1990.

Wood and wood products (other than pulp and paper) [ISIC Division 20];

Construction [ISIC Division 45];

Textile and leather [ISIC Divisions 17 to 19];

Non-specified (any manufacturing industry not included above) [ISIC Divisions 25, 33, 36 and 37].

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

Rows 35-41: *Transport sector* includes all fuels used for transport [ISIC Divisions 60 to 62] except international marine bunkers and international aviation bunkers. It includes transport in the industry sector and covers *domestic aviation, road, rail, pipeline transport, domestic navigation* and *non-specified transport*. Domestic aviation includes deliveries of aviation fuels to aircraft for domestic aviation – commercial, private, agriculture, etc. It includes use for purpose other than flying, e.g. bench testing of engines, but not airline use of fuel for road transport. The domestic/international split should be determined on the basis of departure and landing locations and not by the nationality of the airline. Note that this may include journeys of considerable length between two airports in a country (e.g. San Francisco to Honolulu). For many countries, the split between international aviation and domestic aviation incorrectly allocates fuel use for both domestic and international departures of domestically owned carriers to domestic air. Fuel used for ocean, coastal and inland fishing (included under *fishing*) and military consumption (included in *other sectors non-specified*) are excluded from the transport sector.

Rows 42-47: *Other sectors* covers *residential, commercial and public services* [ISIC Divisions 41, 50-52, 55, 63-67, 70-75, 80, 85, 90-93, 95 and 99], *agriculture/forestry* [ISIC Divisions 01 and 02], *fishing* [ISIC Division 05] and *non-specified consumption*. *Non-specified* includes military fuel use for all mobile and stationary consumption (e.g. ships, aircraft, road and energy used in living quarters) regardless of whether the fuel delivered is for the military of that country or for the military of another country. However, information about military consumption is not available for most of non-OECD countries. In many cases administrations find it impossible to distinguish energy consumption in *commercial and public services* from *residential* consumption. Some cannot distinguish consumption in *agriculture* from that in *residential*. In

these cases, the residential sector will also include consumption in agriculture and/or commercial/public services. The *other sectors* total is, therefore, more accurate than its components.

Rows 48-52: *Non-energy use* covers those fuels that are used as raw materials in the different sectors and are not consumed as a fuel or transformed into another fuel. Non-energy use is shown separately in final consumption under the heading *non-energy use*.

The energy/non-energy split for the petroleum products is determined based on information submitted by each country.

of which: petrochemical feedstocks. The petrochemical industry includes cracking and reforming processes for the purpose of producing ethylene, propylene, butylene, synthesis gas, aromatics, butadiene and other hydrocarbon-based raw materials in processes such as steam cracking, aromatics plants and steam reforming [part of ISIC Group 241].

Rows 53-55: *Electricity generated* shows the total number of GWh generated by thermal power plants separated into electricity plants and CHP plants, as well as production by nuclear and hydro (excluding pumped storage production), geothermal, etc. (see, however, the notes on Rows 10 and 11). Electricity produced by heat from chemical processes is shown in the *heat* column.

Rows 56-58: *Heat generated* shows the total amount of TJ generated by power plants separated into CHP plants and heat plants. Heat produced by electric boilers is shown in the *electricity* column. Heat produced by heat pumps, heat from chemical processes and heat from non-specified combustible fuels is shown in the *heat* column.

Indicators

Energy production: total primary energy production, expressed in Mtoe.

Net imports: imports minus exports, expressed in Mtoe.

Total primary energy supply: expressed in Mtoe.

Oil supply: primary supply of oil, expressed in Mtoe.

Electricity consumption: domestic consumption (i.e. gross production) + imports - exports - distribution losses, expressed in GWh.

Population: The main source of the population data is *World Development Indicators*, The World Bank, Washington D.C., 2009.

Population data for **Chinese Taipei, Gibraltar, Iraq** and for a few countries within the regions⁴ **Other Africa, Other Latin America** and **Other Asia** are based on the CHELEM-CEPII online database, 2009.

GDP: The main source of the GDP data is *World Development Indicators*, The World Bank, Washington D.C., 2009.

GDP figures for **Bosnia and Herzegovina, Brunei Darussalam, Chinese Taipei, Cuba, Gibraltar, Iraq, Democratic People's Republic of Korea, Libyan Arab Jamahiriya, Myanmar, Namibia (1971-1979), Netherlands Antilles (available from 1980), Qatar, Turkmenistan, Former Soviet Union (before 1990), Former Yugoslavia (before 1990)**, and a few countries within the regions⁴ **Other Africa, Other Latin America** and **Other Asia** are based on the CHELEM-CEPII online databases 2008, 2009.

GDP figures for **Albania (1971-1979), Angola (1971-1984), Bahrain (1971-1979, 2006-2007), Bulgaria**

(1971-1979), **Ethiopia (1971-1980), Jordan (1971-1974), Kuwait (1990-1991, 2006-2007), Lebanon (1971-1987), Malta (2007), Mozambique (1971-1979), Oman (2006-2007), Romania (1971-1979), Serbia⁵ (1990-1998), United Republic of Tanzania (1971-1987), the United Arab Emirates (1971-1972 and 2006-2007), Vietnam (1971-1983), Yemen (1971-1989) and Zimbabwe (2006-2007)** have been estimated based on the growth rates of the CHELEM-CEPII online database, 2009.

The GDP data have been compiled for individual countries at market prices in local currency and annual rates. These data have been scaled up/down to the price levels of 2000 and then converted to US dollars using the yearly average 2000 exchange rates or purchasing power parities (PPPs)⁶.

While both sources for GDP data rebased this year their GDP PPP time series on 2005, this publication shows GDP data on a 2000 basis. Therefore, only for this edition, time series of GDP PPP 2000 US\$ were obtained by applying the ratio GDP 2000 US\$ to GDP PPP 2000 US\$ of last year's edition to the new GDP 2000 US\$ figures.

4. Due to lack of complete time series, figures for population and for GDP of Other Latin America do not include British Virgin Islands, Cayman Islands, Falkland Islands, Martinique, Montserrat, Saint Pierre and Miquelon, and Turks and Caicos Islands; and figures for population and GDP of Other Asia do not include Cook Islands.

5. Data for GDP for Serbia include Montenegro until 2004.

6. Purchasing power parities are the rates of currency conversion that equalise the purchasing power of different currencies. A given sum of money, when converted into different currencies at the PPP rates, buys the same basket of goods and services in all countries. In other words, PPPs are the rates of currency conversion which eliminate the differences in price levels between different countries.

3. UNITS AND CONVERSIONS

General conversion factors for energy

| To: | TJ | Gcal | Mtoe | MBtu | GWh |
|-------|-------------------------|--------|------------------------|---------------------|------------------------|
| From: | multiply by: | | | | |
| TJ | 1 | 238.8 | 2.388×10^{-5} | 947.8 | 0.2778 |
| Gcal | 4.1868×10^{-3} | 1 | 10^{-7} | 3.968 | 1.163×10^{-3} |
| Mtoe | 4.1868×10^4 | 10^7 | 1 | 3.968×10^7 | 11630 |
| MBtu | 1.0551×10^{-3} | 0.252 | 2.52×10^{-8} | 1 | 2.931×10^{-4} |
| GWh | 3.6 | 860 | 8.6×10^{-5} | 3412 | 1 |

Conversion factors for mass

| To: | kg | t | lt | st | lb |
|-----------------|--------------|-----------------------|-----------------------|------------------------|--------|
| From: | multiply by: | | | | |
| kilogramme (kg) | 1 | 0.001 | 9.84×10^{-4} | 1.102×10^{-3} | 2.2046 |
| tonne (t) | 1000 | 1 | 0.984 | 1.1023 | 2204.6 |
| long ton (lt) | 1016 | 1.016 | 1 | 1.120 | 2240.0 |
| short ton (st) | 907.2 | 0.9072 | 0.893 | 1 | 2000.0 |
| pound (lb) | 0.454 | 4.54×10^{-4} | 4.46×10^{-4} | 5.0×10^{-4} | 1 |

Conversion factors for volume

| To: | gal U.S. | gal U.K. | bbl | ft ³ | l | m ³ |
|-------------------------------|--------------|----------|---------|-----------------|--------|----------------|
| From: | multiply by: | | | | | |
| U.S. gallon (gal) | 1 | 0.8327 | 0.02381 | 0.1337 | 3.785 | 0.0038 |
| U.K. gallon (gal) | 1.201 | 1 | 0.02859 | 0.1605 | 4.546 | 0.0045 |
| Barrel (bbl) | 42.0 | 34.97 | 1 | 5.615 | 159.0 | 0.159 |
| Cubic foot (ft ³) | 7.48 | 6.229 | 0.1781 | 1 | 28.3 | 0.0283 |
| Litre (l) | 0.2642 | 0.220 | 0.0063 | 0.0353 | 1 | 0.001 |
| Cubic metre (m ³) | 264.2 | 220.0 | 6.289 | 35.3147 | 1000.0 | 1 |

Decimal prefixes

| | | | |
|------------------|-----------|-------------------|-----------|
| 10 ¹ | deca (da) | 10 ⁻¹ | deci (d) |
| 10 ² | hecto (h) | 10 ⁻² | centi (c) |
| 10 ³ | kilo (k) | 10 ⁻³ | milli (m) |
| 10 ⁶ | mega (M) | 10 ⁻⁶ | micro (μ) |
| 10 ⁹ | giga (G) | 10 ⁻⁹ | nano (n) |
| 10 ¹² | tera (T) | 10 ⁻¹² | pico (p) |
| 10 ¹⁵ | peta (P) | 10 ⁻¹⁵ | femto (f) |
| 10 ¹⁸ | exa (E) | 10 ⁻¹⁸ | atto (a) |

Coal

Coal has separate net calorific values for production, imports, exports, inputs to main activity producer power plants, coal used in coke ovens, in blast furnaces and in industry. All other flows are converted using an average net calorific value. Country-specific net calorific values for 2007 are given in Part II.

Crude oil

Country-specific net calorific values (NCV) for production, imports and exports by country are used to calculate the balances. The average value is used to convert all the other flows to heat values. Country-specific net calorific values for 2007 are given in Part II.

Gas

Energy Statistics of Non-OECD Countries expresses the following gases in terajoules, using their gross calorific value.

1 terajoule = 0.00002388 Mtoe.

To calculate the net heat content of a gas from its gross heat content, multiply the gross heat content by the appropriate following factor.

| Gas | Gross to net ratio |
|--------------------------|--------------------|
| Natural gas | 0.9 |
| Gas works gas | 0.9 |
| Coke oven gas | 0.9 |
| Blast furnace gas | 1.0 |
| Oxygen steel furnace gas | 1.0 |

Combustible renewables and waste

The heat content of primary solid biomass, biogas, municipal waste and industrial waste, expressed in terajoules on a net calorific value basis, is presented in *Energy Statistics of Non-OECD Countries*. The Secretariat does not receive information on volumes and other characteristics of these fuels.

1 terajoule = 0.00002388 Mtoe.

Data for charcoal are converted from tonnes using the average net calorific values given in Part II.

Unless country-specific information has been provided, data for biogasoline are converted from tonnes using 26 800 kJ/kg. Biodiesels and other liquid bio-fuels are assumed to have a net calorific value of 36 800 kJ/kg unless otherwise specified.

Petroleum products

Up until last year, petroleum products were converted using a single set of net calorific values for the majority of countries. Last year the IEA decided to apply regional conversion factors (in conjunction with Eurostat for the European countries) for the petroleum products. For non-OECD countries, values which were country-specific have been kept. Values used for all years are given below.

Regional net calorific values for petroleum products

| Petroleum products | Regional defaults | | Specific values for selected countries | | | |
|----------------------------------|-------------------|----------|--|--------|----------|--------------|
| | Europe* | Non-OECD | Algeria | Brazil | Malaysia | South Africa |
| | kJ/kg | kJ/kg | kJ/kg | kJ/kg | kJ/kg | kJ/kg |
| Refinery gas | 49 500 | 48 100 | - | 35 169 | - | - |
| Ethane | 49 500 | 49 400 | - | - | - | - |
| Liquefied petroleum gases | 46 000 | 47 300 | 49 404 | 46 725 | 45 594 | 46 767 |
| Motor gasoline | 44 000 | 44 800 | - | 45 008 | 44 129 | 44 924 |
| Aviation gasoline | 44 000 | 44 800 | - | 44 882 | 43 961 | 45 552 |
| Gasoline type jet fuel | 43 000 | 44 800 | - | 44 589 | 44 003 | 44 045 |
| Kerosene type jet fuel | 43 000 | 44 600 | - | - | - | 40 738 |
| Kerosene | 43 000 | 43 800 | - | 44 171 | 43 208 | 41 073 |
| Gas/diesel oil | 42 600 | 43 300 | - | 44 129 | 43 208 | 43 250 |
| Residual fuel oil | 40 000 | 40 200 | - | 42 789 | 42 496 | 42 915 |
| Naphtha | 44 000 | 45 000 | - | - | 41 533 | 41 826 |
| White spirit | 43 600 | 43 000 | - | 47 060 | 43 208 | 42 496 |
| Lubricants | 42 000 | | - | 42 831 | 42 119 | - |
| Bitumen | 39 000 | | - | - | 41 826 | - |
| Paraffin waxes | 40 000 | | - | - | 43 333 | - |
| Petroleum coke | 32 000 | | - | 33 913 | 36 383 | - |
| Non-specified petroleum products | 40 000 | | - | 42 705 | 42 496 | - |

* Defaults for Europe were applied to non-OECD Europe and Former Soviet Union countries.

Electricity

Figures for electricity production, trade, and final consumption are calculated using the energy content of the electricity (i.e. at a rate of 1 TWh = 0.086 Mtoe).

Hydro-electricity production (excluding pumped storage) and electricity produced by other non-thermal means (wind, tide/wave/ocean, photovoltaic, etc.) are accounted for similarly using 1 TWh = 0.086 Mtoe. However, the primary energy equivalent of nuclear electricity is calculated from the gross generation by assuming a 33% conversion efficiency, i.e. 1 TWh = $(0.086 \div 0.33)$ Mtoe. In the case of electricity produced from geothermal heat, if the actual geothermal efficiency is not known, then the primary equivalent is calculated assuming an efficiency of 10%, so 1 TWh = $(0.086 \div 0.1)$ Mtoe.

Heat

Information on heat is supplied in terajoules.

1 terajoule = 0.00002388 Mtoe.

Examples

The following examples indicate how to calculate the net calorific content (in Mtoe) of the quantities expressed in original units in *Energy Statistics of Non-OECD Countries*.

| From original units | To Mtoe (NCV) |
|--|---|
| Coking coal production (Colombia) for 2007 in thousand tonnes | divide by 41 868 then multiply by 27.214 |
| Natural gas in terajoules (gross) | multiply by 0.00002388 and then multiply by 0.9 |
| Motor gasoline (except Brazil, Malaysia and South Africa) in thousand tonnes | divide by 41 868 and then multiply by 44.800 |
| Heat in terajoules (net) | multiply by 0.00002388 |

4. GEOGRAPHICAL COVERAGE

Africa includes Algeria, Angola, Benin, Botswana (from 1981), Cameroon, Congo, Democratic Republic of Congo, Côte d'Ivoire, Egypt, Eritrea, Ethiopia, Gabon, Ghana, Kenya, Libyan Arab Jamahiriya, Morocco, Mozambique, Namibia (from 1991), Nigeria, Senegal, South Africa, Sudan, United Republic of Tanzania, Togo, Tunisia, Zambia, Zimbabwe and **Other Africa**.

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

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

Non-OECD Europe includes Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus¹, Gibraltar, Former Yugoslav Republic of Macedonia (FYROM), Malta, Romania, Serbia² and Slovenia.

Former Soviet Union includes Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Republic of Moldova, Russian Federation, Tajikistan, Turkmenistan, Ukraine and Uzbekistan.

Latin America includes Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Netherlands Antilles, Nicaragua, Panama, Paraguay, Peru, Trinidad and Tobago, Uruguay, Venezuela and **Other Latin America**.

Other Latin America includes Antigua and Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, British Virgin Islands, Cayman Islands, Dominica, Falkland Islands, French Guyana, Grenada, Guadeloupe, Guyana, Martinique, Montserrat, Puerto Rico³ (for natural gas), St. Kitts and Nevis, Saint Lucia, Saint Pierre et Miquelon, St. Vincent and the Grenadines, Suriname, and Turks and Caicos Islands.

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

Asia includes Bangladesh, Brunei Darussalam, Cambodia (from 1995), Chinese Taipei, India, Indonesia, DPR of Korea, Malaysia, Mongolia (from 1985), Myanmar, Nepal, Pakistan, Philippines, Singapore, Sri Lanka, Thailand, Vietnam and **Other Asia**.

Other Asia includes Afghanistan, Bhutan, Cambodia (until 1994), Cook Islands, East Timor, Fiji, French Polynesia, Kiribati, Laos, Macau, Maldives, Mongolia (until 1984), New Caledonia, Papua New Guinea, Samoa, Solomon Islands, Tonga and Vanuatu.

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

The **European Union - 27 (EU-27)** includes Austria, Belgium, Bulgaria, Cyprus¹, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, Romania, the Slovak Republic, Slovenia, Spain, Sweden and the

1. See the note on Cyprus in Part I.5, Country notes and sources.

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

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

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

Within **OECD**:

- **Australia** excludes the overseas territories;
- **Denmark** excludes Greenland and the Danish Faroes, except prior to 1990, where data on oil for Greenland were included with the Danish statistics. The Administration is planning to revise the series back to 1974 to exclude these amounts;
- **France** includes Monaco, and excludes the following overseas departments and territories (Guadeloupe, Guyana, Martinique, New Caledonia, French Polynesia, Reunion and St.-Pierre Miquelon);
- **Germany** includes the new federal states of Germany from 1970 onwards;
- **Italy** includes San Marino and the Vatican;
- **Japan** includes Okinawa;
- **The Netherlands** excludes Suriname and the Netherlands Antilles;
- **Portugal** includes the Azores and Madeira;
- **Spain** includes the Canary Islands;
- **Switzerland** includes Liechtenstein for oil data;
- **United States** includes the 50 states and the District of Columbia. Oil statistics as well as coal trade statistics also include Puerto Rico⁴, Guam, the Virgin Islands, American Samoa, Johnston Atoll, Midway Islands, Wake Island and the Northern Mariana Islands.

The Organisation of the Petroleum Exporting Countries⁵ (OPEC) includes Algeria, Angola, Ecuador, Iran, Iraq, Kuwait, Libyan Arab Jamahiriya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates and Venezuela.

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

- **Non-OECD Europe:** Liechtenstein⁶ (except for oil data), Montenegro⁷ (after 2004);
- **Africa:** Saint Helena and Western Sahara;
- **America:** Anguilla;
- **Asia and Oceania:** Christmas Island, Nauru, Niue and Palau.

4. Natural gas data for Puerto Rico are included under Other Latin America.

5. Data for Indonesia, which left OPEC in 2009, were removed from OPEC in this year's edition of this publication.

6. Oil data for Liechtenstein are included under Switzerland.

7. Data for Montenegro are included under Serbia until 2004.

5. COUNTRY NOTES AND SOURCES

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Note:

- The OLADE database was used for several Latin American countries.
- The UN database was the only source of information for time series of the countries not listed individually and included in the regions Other Africa, Other Latin America and Other Asia. It was also used in a number of other countries as a complementary source.

Albania

For 1993, large quantities of oil, widely reported to have moved through Albania into former Yugoslavia, may not be included in oil trade. Although estimated to represent up to 100 per cent of domestic consumption levels, no reliable figures for this trade were available.

Sources 2005-2007:

Direct communication with the National Agency of Energy of Albania, Tirana.

Secretariat estimates.

Sources up to 2004:

UN ECE annual energy questionnaires 1994, 1995, 1998.

Energy Balances, National Agency of Energy of Albania 1999, 2000, 2001, 2002, 2003, 2004.

The UN Energy Statistics Database.

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Sources for Combustible renewables and waste:

The UN Energy Statistics Database.

UN ECE annual energy questionnaires and Secretariat estimates.

Algeria

In this edition, time series for natural gas were revised down compared to previous editions, as it became available that data from the Ministry of Energy were reported on a gross calorific value basis.

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Angola

In this edition, time series for the period 2003-2006 were revised based on new information available from the Ministry of Oil (see Sources).

Sources 2003-2007:

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Argentina

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Armenia

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Sources 1992-2007:

Direct communication with National Statistical Service, Yerevan.

UN ECE annual questionnaires on Coal, Electricity and heat, Natural gas, Oil.

Sources 1990-1991:

Secretariat estimates.

Sources for Combustible renewables and waste:

Forestry Statistics, FAO and Secretariat estimates.

Azerbaijan

Data for Azerbaijan are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Sources 1992-2007:

Direct communications with the State Committee of Statistics and the Ministry of Economics of Azerbaijan, Baku.

UN ECE annual energy questionnaires, 1992 to 2008.

Sources 1990-1991:

Secretariat estimates.

Sources for Combustible renewables and waste:

Forestry Statistics, FAO and Secretariat estimates.

Bahrain

Crude oil production include production from the Abu Sa'fah field, which is shared with Saudi Arabia.

Sources 1992-2007:

Direct communication with National Oil and Gas Authority and oil industry sources.

Statistics 2007, Electricity & Water Authority.

Arab Union of Producers, Transporters and Distributors of Electricity (AUPTDE), 2007, 2008.

Statistical Abstract, 1994, 1998, 1999, 2000, 2001, 2002 and 2003 Council of Ministers, Central Statistics Organisation, Bahrain, 1995 to 2006.

The UN Energy Statistics Database.

Secretariat estimates.

Sources up to 1991:

Statistical Abstract 1990, Council of Ministers, Central Statistics Organisation, Bahrain, 1991.

1986 Annual Report, Bahrain Monetary Agency, Bahrain, 1987.

B.S.C. Annual Report, Bahrain Petroleum Company, Bahrain, 1982, 1983 and 1984.

Foreign Trade Statistics, Council of Ministers, Central Statistics Organisation, Bahrain, 1985.

Bahrain in Figures, Council of Ministers, Central Statistics Organisation, Bahrain, 1983, 1984 and 1985.

Bangladesh

Energy statistics are reported in fiscal year.

Sources 1996-2007:

U.S. Agency for International Development, Dhaka, 2003 to 2008.

Secretariat estimates.

Statistical Yearbook of Bangladesh 1996 to 1999, Ministry of Planning, Bangladesh Bureau of Statistics, Dhaka, 1997 to 2000.

Sources 1992-1995:

Statistical Pocket Book of Bangladesh, Ministry of Planning, Bangladesh Bureau of Statistics, Dhaka, 1986 to 1996.

The UN Energy Statistics Database.

Sources up to 1991:

Bangladesh Energy Balances 1976-1981, Government of Bangladesh, Dhaka, 1982.

Statistical Yearbook of Bangladesh 1991, Government of Bangladesh, Dhaka, 1976 to 1991.

Monthly Statistical Bulletin of Bangladesh, Ministry of Planning, Bangladesh Bureau of Statistics, Statistics Division, Dhaka, June 1986 and October 1989.

Belarus

Data for Belarus are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Sources 1990-2007:

Direct communication with the Ministry of Statistics and Analysis, Minsk.

UN ECE annual energy questionnaires, 1990 to 2007.

Sources for Combustible renewables and waste:

UN ECE annual energy questionnaires and Secretariat estimates.

Benin

Sources 2007:

Secretariat estimates.

Sources 1996-2006:

Direct communication with the *Ministère des Mines, de l'Énergie et de l'Hydraulique*, Cotonou, 2007 and Secretariat estimates.

WEC-IEA Joint Energy Reporting Format for Africa, 1999 to 2002.

Sources up to 1998:

Direct communication to the Secretariat from the Direction de l'Énergie, Cotonou, 1999, 2000 and Secretariat estimates.

Direct communication to the Secretariat from the electricity utility, 1998, 1999.

The UN Energy Statistics Database.

Rapport sur l'Etat de l'Economie Nationale, Ministère de l'Économie, Cotonou, septembre 1993.

Sources for Combustible renewables and waste up to 1995:

Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa*, African Energy Programme of the African Development Bank Abidjan, 1996.

Bolivia**Sources 1992-2007:**

SIEE, OLADE, 2001 to 2009.

Anuario Estadístico 1996, 1997, 1998, 1999, 2000, 2001.

Superintendencia de Electricidad, La Paz, 1998 to 2007.

Direct communication with the Viceministerio de Energía e Hidrocarburos, La Paz.

Informe Estadístico 1992, 1993, 1994, 1995, 1996 and 1997, Yacimientos Petrolíferos Fiscales Bolivianos, La Paz, 1993 to 1998.

Memoria Anual 1992, Yacimientos Petrolíferos Fiscales Bolivianos, La Paz, 1993.

Sources up to 1991:

Boletín Estadístico 1973-1985, Banco Central de Bolivia, Division de Estudios Económicos, La Paz, 1986.

Diez Años de Estadística Petrolera en Bolivia 1976-1986, Dirección de Planeamiento, Division de Estadística, La Paz, 1987.

Empresa Nacional de Electricidad S.A. 1986 Ende Memoria, Empresa Nacional de Electricidad, La Paz, 1987.

Sources for Combustible renewables and waste:

SIEE, OLADE.

Bosnia and Herzegovina

Data for Bosnia and Herzegovina are available starting in 1990. Prior to that, they are included in Former Yugoslavia.

Sources 2006 - 2007:

Union for the Co-ordination of Transmission of Electricity.

Secretariat estimates.

Sources 2000 - 2005:

Energy Sector Study BiH, Third Electric Power Reconstruction Project, consortium led by Energy Institute Hrvoje Pozar, Sarajevo, 2008.

Direct communication with the Joint Power Co-ordination Centre (JPCC).

Statistical Yearbook of BiH, Federation of Bosnia and Herzegovina Federal Office of Statistics, Sarajevo, 2008.

International Management Group, "Power generation and transmission system in Bosnia Herzegovina", Sarajevo, November 2000, European Commission.

Energy Outlook, Sarajevo, December 2001, Federal Ministry of Energy, Mining and Industry.

The UN Energy Statistics Database.

Botswana

Data for Botswana are available from 1981. Prior to that, they are included in Other Africa.

Sources 1981-2007:

Secretariat estimates.

Energy Statistics, *Central Statistics Office, Republic of Botswana.*

Direct communication with the Energy Affairs Division, Ministry of Minerals, Energy and Water Affairs, Gaborone.

Brazil

In the IEA balance, anhydrous ethanol is reported under "Biogasoline", while hydrated ethanol is reported under "Other liquid biofuels"¹.

In this edition, time series of solar-thermal heat were included for the first time (see "Sources").

Sources 1971-2007

Direct communication with the Ministério de Minas e Energia, Brasilia.

Solar Heat Worldwide, various editions up to 2008.

Brunei Darussalam

Sources 2007:

Direct communication with the Prime Minister's Office, Strategic Planning Division.

Direct communication to the secretariat from the Prime Minister's Office, Department of Electrical Services.

Secretariat estimates.

Sources 1992-2005:

APEC Energy Database, Tokyo, 2007.

Direct communication with the UN Statistics Division, the Office of the Prime Minister, Petroleum Unit, the Asia Pacific Energy Research Centre, Tokyo, 2007, the Ministry of Development, Electrical Services Department.

Brunei Statistical Yearbook, 1992 to 1994, Ministry of Finance, Statistics Section, Brunei Darussalam, 1993, 1995.

Sources up to 1991:

Fifth National Development Plan 1986-1990, Ministry of Finance, Economic Planning Unit, Bandar Seri Bagawan, 1985.

1. The national energy balance of Brazil shows bioethanol as two separate products: anhydrous ethanol ("álcool anidro", i.e. nearly pure ethanol, containing less than 1% of water) and hydrated ethanol ("álcool hidratado", i.e. a blend of ethanol and water, in the proportion of about 95% to 5%, generally obtained from conventional distillation). While anhydrous ethanol is blended with gasoline (the blend sold at the pump generally contains 20-25% of ethanol), hydrated ethanol is sold at separate pumps as a product by itself (álcool) to be used in flex fuel cars, i.e. vehicles that can run on any mix of gasoline and ethanol.

Sources for Combustible renewables and waste:

The UN Energy Statistics Database.

Bulgaria

Sources 1992-2007:

Direct communication with the National Statistical Institute, Sofia.

UN ECE annual energy questionnaires.

Energy Balances, National Statistical Institute, Sofia, 1995.

Sources up to 1991:

Energy Development of Bulgaria, Government of Bulgaria, Sofia, 1980 and 1984.

Energy in Bulgaria, Government of Bulgaria, Sofia, 1980 to 1983.

General Statistics in the Republic of Bulgaria 1989/1990, Government of Bulgaria, Sofia, 1991.

Sources for Combustible renewables and waste:

The UN Energy Statistics Database and UN ECE annual energy questionnaires.

Cambodia

Data for Cambodia are available starting in 1995. Prior to that, they are included in Other Asia.

Sources 2006-2007:

Report on Power Sector, Electricity Authority of Cambodia, 2006, 2007.

Direct communication with the Electricity Authority of Cambodia, Phnom Penh.

Secretariat estimates.

APEC annual energy statistics questionnaires, 2006.

Sources up to 2005:

Direct communication with the Department of Energy, Ministry of Industry, Mines and Energy, and the Corporate Planning and Projects Department, Electricité du Cambodge.

Statistical Handbook, Electricité du Cambodge, various issues, Phnom Penh.

Cameroon

Sources 1971-2007:

Direct communication with the Ministère de l'Energie et de l'Eau.

Direct communication with the Société Nationale de Raffinage (SONARA).

Direct communication with the Société Nationale d'Electricité du Cameroun (*AES – SONEL*).

The UN Energy Statistics Database.

Sources for Combustible renewables and waste:

Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa*, African Energy Programme of the African Development Bank, Abidjan, 1996.

Chile

In this edition, time series 1990-2007 were significantly revised based on the new submission of IEA/Eurostat/UNECE annual questionnaires provided by the national administration of Chile. Revisions are also expected in the next edition, as the national administration is currently working to make their data collection closer to international methodologies for energy statistics and to generally improve their data quality.

A significant increase in electricity generation from oil products was reported for 2007 as a consequence of decreased availability of natural gas and hydro generation in the country.

Sources 1990-2007:

Direct communication with the Comisión Nacional de Energía, Santiago.

UN ECE annual questionnaires.

Sources up to 1989:

Balance Nacional de Energía 1977-1996, Comisión Nacional de Energía, Santiago, September 1997.

Balance de Energía 1973 - 1992, Comisión Nacional de Energía, Santiago, 1993, *1975-1994*, Santiago, 1995.

Compendio Estadístico Chile 1985, Ministerio de Economía, Fomento y Reconstrucción, Instituto Nacional de Estadísticas, Santiago, 1986.

Sources for Combustible renewables and waste:

Comisión Nacional de Energía, OLADE.

People's Republic of China

Time series for liquid biofuels were included for the first time in this year's edition. Time series for wind, solar photovoltaic and solar thermal generation are based on Secretariat estimates. Neither of those time series is reported in the national energy balance of China.

The IEA data of coal production for the years 1990 to 2003 are estimates and do not represent official data released by the Chinese government. Those estimates were based on the assumption that coal consumption statistics are more reliable than coal production statistics, and that the production-consumption relationship should maintain a balance over time.

Sources 1990-2007:

Energy Balances of China, State Statistical Bureau.

Direct communication with the Energy Research Institute (NDRC).

Solar Heat Worldwide, various editions up to 2008.

China Wind Power Report, 2007-2008.

Secretariat estimates.

Sources up to 1990:

Electric Industry in China in 1987, Ministry of Water Resources and Electric Power, Department of Planning, Beijing, 1988.

Outline of Rational Utilization and Conservation of Energy in China, Bureau of Energy Conservation State Planning Commission, Beijing, June 1987.

China Coal Industry Yearbook, Ministry of Coal Industry, People's Republic of China, Beijing, 1983, 1984, 1985 and 2000.

Energy in China 1989, Ministry of Energy, People's Republic of China, Beijing, 1990.

China: A Statistics Survey 1975-1984, State Statistical Bureau, Beijing, 1985.

China Petro-Chemical Corporation (SINOPEC) Annual Report, SINOPEC, Beijing, 1987.

Almanac of China's Foreign Economic Relations and Trade, The Editorial Board of the Almanac, Beijing, 1986.

Sources for Combustible renewables and waste:

Secretariat estimates based on a per capita average consumption from various surveys and studies.

Chinese Taipei

In this edition, data for the period 1982-2006 were revised based on new balances submitted by the Bureau of Energy. Breaks in time series may occur between 1981 and 1982.

Sources 1982-2007:

Energy Balances in Taiwan, Bureau of Energy, Ministry of Economic Affairs, Taipei.

Direct communication with the electricity utilities.

Yearbook of Energy Statistics, Ministry of Trade Industry and Energy, Taipei, 1996.

Sources up to 1981:

The Energy Situation in Taiwan, Ministry of Economic Affairs, Energy Committee, Taipei, 1986, 1987, 1988 and 1992.

Industry of Free China 1975-1985, Council for Economic Planning and Development, Taipei, 1986.

Taiwan Statistical Data Book 1954-1985, Council for Economic Planning and Development, Taipei, 1986.

Energy Policy for the Taiwan Area, Ministry of Economic Affairs, Energy Committee, Taipei, 1984.

Energy Balances in Taiwan, Ministry of Economic Affairs, Taipei, 1980 to 1981.

Sources for Combustible renewables and waste:

The UN Energy Statistics Database and Secretariat estimates.

Colombia

Sources 1992-2007:

Direct communication with the Ministry of Mines and Energy, Energy Information Department, Bogotá.

Statistics 1996-2007, Sistema de Información Eléctrico Colombiano, Ministry of Mines and Energy.

Sources up to 1991:

Boletín Minero-Energético, Ministerio de Minas y Energía, Bogotá, December 1991.

Estadísticas Minero-Energéticas 1940-1990, Ministerio de Minas y Energía, Bogotá, 1990.

Estadísticas Básicas del Sector Carbón, Carboacol, Oficina de Planeación, Bogotá, various editions from 1980 to 1988.

Colombia Estadística 1985, DANE, Bogotá, 1970 to 1983 and 1987.

Empresa Colombiana de Petróleos, Informe Anual, Empresa Colombiana de Petróleos, Bogotá, 1979, 1980, 1981 and 1985.

Estadísticas de la Industria Petrolera Colombiana Bogotá 1979-1984, Empresa Colombiana de Petróleos, Bogotá, 1985.

Informe Estadístico Sector Eléctrico Colombiano, Government of Colombia, Bogotá, 1987 and 1988.

La Electrificación en Colombia 1984-1985, Instituto Colombiano de Energía Eléctrica, Bogotá, 1986.

Balances Energéticos 1975-1986, Ministerio de Minas y Energía, Bogotá, 1987.

Energía y Minas Para el Progreso Social 1982-1986, Ministerio de Minas y Energía, Bogotá, 1987.

Sources for Combustible renewables and waste:

Ministry of Mines and Energy, Energy Information Department.

Congo

Sources 1971-2007:

Direct communication with the Ministère de l'Énergie et de l'Hydraulique, 2000 to 2008.

Direct communication with the Agence de Régulation de l'Aval Pétrolier, 2008

Secretariat estimates.

Sources for Combustible renewables and waste up to 1993 except for Other solid biomass:

Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa*, African Energy Programme of the African Development Bank, Abidjan, 1996.

Democratic Republic of Congo

Sources up to 2007:

Direct communication with the Ministère de l'Énergie, Kinshasa Gombe.

Secretariat estimates.

Commission Nationale de l'Énergie, Ministère de l'Énergie, 2005.

WEC-IEA Joint Energy Reporting Format for Africa, 1999 to 2000.

The UN Energy Statistics Database.

L'Énergie en Afrique, IEPE/ENDA, Paris, 1995, in turn sourced from the *Annuaire Statistique Énergétique 1990*, Communauté Economique des Pays des Grands Lacs, Bujumbura, 1990.

Sources for Combustible renewables and waste:

Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa*, African Energy Programme of the African Development Bank, Abidjan, 1996.

Costa Rica

Sources up to 2007:

Direct communication with the Ministerio del Ambiente y Energía, San José.

Côte d'Ivoire

Time series for primary solid biomass and charcoal were revised for the period 2004-2007 based on newly available information. Breaks in time series may occur between 2003 and 2004.

Sources 2005-2007:

IEA/WEC Questionnaire submitted by the Direction de l'énergie, Abidjan.

Direct communication with the Direction de l'énergie, Abidjan.

Secretariat estimates.

Sources 2002-2004:

Direct communication with the Ministry of Mines and Energy, Abidjan, 2005-2006, and Secretariat estimates.

Sources 1992-2001:

Direct communication to the Secretariat from oil industry and the Ministry of Energy, Abidjan, July 2003.

Direct communication to the Secretariat from SIR, Societe Ivoirienne de Raffinage, 2004.

La Côte d'Ivoire en chiffres, Ministère de l'Économie et des Finances, 1996-97 edition.

L'Énergie en Afrique, IEPE/ENDA, Paris, 1995, in turn sourced from the Ministère des Mines et de l'Énergie, Abidjan.

The UN Energy Statistics Database.

Sources up to 1991:

Études & Conjoncture 1982 - 1986, Ministère de l'Économie et des Finances, Direction de la Planification et de la Prévision, Abidjan, 1987.

Sources for Combustible renewables and waste:

Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa*, African Energy Programme of the African Development Bank, Abidjan, 1996.

Croatia

Data for Croatia are available starting in 1990. Prior to that, they are included in Former Yugoslavia.

Sources 1990-2007:

Direct communication with the Energy Institute "Hrvoje Požar", Zagreb.

Direct communication with the Central Bureau of Statistics, Zagreb.

UN ECE annual energy questionnaires.

Secretariat estimates.

Cuba

Breaks in time series may occur between 2001 and 2002 due to revisions based on more detailed data available.

Sources up to 2007:

Anuario Estadístico de Cuba 1996 to 2007, Oficina Nacional de Estadísticas, Edición 1998 to 2008.

SIEE, OLADE.

Secretariat estimates.

Compendio estadístico de energía de Cuba 1989, Comité Estatal de Estadísticas, Havana, 1989.

Anuario Estadístico de Cuba, Comité Estatal de Estadísticas, Havana, various editions from 1978 to 1987.

Sources for Combustible renewables and waste:

SIEE, OLADE.

Anuario Estadístico de Cuba 1996, Oficina Nacional de Estadísticas, Havana, 1998.

Cyprus

Note by Turkey:

With respect to Cyprus, Turkey reserves its position as stated in its declaration of 1 May 2004. The information in the report under the heading Cyprus relates to the southern part of the Island. There is no single authority representing both Turkish and Greek Cypriot people on the Island. Turkey recognises the Turkish Republic of Northern Cyprus (TRNC).

Note by all the European Union Member States of the OECD and the European Commission:

The Republic of Cyprus is recognised by all members of the United Nations with the exception of Turkey. The information in this report relates to the area under the effective control of the Government of the Republic of Cyprus.

Sources 1994-2007:

Direct communication with the statistical service of Cyprus, Nicosia.

UN ECE annual energy questionnaires.

Electricity Authority of Cyprus Annual Report 1996, Electricity Authority of Cyprus, Nicosia, 1997.

Sources up to 1993:

Electricity Authority of Cyprus Annual Report 1988, 1992, Electricity Authority of Cyprus, Nicosia, 1989 and 1993.

Industrial Statistics 1988, Ministry of Finance, Department of Statistics, Nicosia, 1989.

Sources for Combustible renewables and waste:

UN ECE annual energy questionnaires and Secretariat estimates.

Note: Data on electricity generation from solar thermal and heat production from municipal waste and wood have been submitted for the first time for the year 2004.

Dominican Republic

Sources 1971-2007:

SIEE, OLADE.

The LNG Industry, International Group of Liquefied Natural Gas Importers (GIIGNL), various editions up to 2008.

Ecuador

Sources 1999-2007:

Direct communication with the Ministerio de Minas y Petróleos, Quito.

Estadística del Sector Electrico Ecuatoriano, Conelec, Consejo Nacional de Electricidad, various editions up to 2007.

Informe Estadístico Gerencial, Petroecuador, Empresa Estatal Petróleos del Ecuador, various editions up to 2008.

SIEE, OLADE.

Sources 1990-1998:

SIEE, OLADE.

Sources up to 1989:

Ministerio de Energía y Minas.

Cuentas Nacionales, Banco Central del Ecuador, Quito, various editions from 1982 to 1987.

Memoria 1980-1984, Banco Central del Ecuador, Quito, 1985.

Ecuadorian Energy Balances 1974-1986, Instituto Nacional de Energía, Quito, 1987.

Informacion Estadística Mensual, No. 1610, Instituto Nacional de Energía, Quito, 1988.

Plan Maestro de Electrificación de Ecuador, Ministerio de Energía y Minas, Quito, 1989.

Sources for Combustible renewables and waste:

SIEE, OLADE.

Egypt

Data are reported on a fiscal year basis.

Sources 1992-2007:

Direct communication with the Organisation for Energy Planning, Cairo.

WEC-IEA Joint Energy Reporting Format for Africa, 2000 to 2007.

Secretariat estimates.

Direct submission to the Secretariat from the Ministry of Petroleum.

Annual Report 1995, 1997, 1998, 1999, Ministry of Petroleum, Egyptian General Petroleum Corporation, Cairo, 1996, 1998, 1999 and 2000.

Annual Report of Electricity Statistics 1996/1997 to 1999/2000, Ministry of Electricity and Energy, Egyptian Electricity Authority, Cairo, 1998 to 2003.

Arab Oil and Gas, The Arab Petroleum Research Center, Paris, October 1997.

Middle East Economic Survey, Middle East Petroleum and Economic Publications, Nicosia, February 1994, June 1996, March 1998.

A Survey of the Egyptian Oil Industry 1993, Embassy of the United States of America in Cairo, Cairo, 1994.

Sources up to 1991:

Annual Report of Electricity Statistics 1990/1991, Ministry of Electricity and Energy, Egyptian Electricity Authority, Cairo, 1992.

Statistical Yearbook of the Arab Republic of Egypt, Central Agency for Public Mobilisation and Statistics, Cairo, 1977 to 1986.

L'Électricité, l'Énergie, et le Pétrole, République Arabe d'Égypte, Organisme Général de l'Information, Cairo, 1990.

Annual Report, The Egyptian General Petroleum Corporation, Cairo, 1985.

Sources for Combustible renewables and waste:

The UN Energy Statistics Database and Secretariat estimates.

El Salvador

In this edition, historical time series for combustible renewables and waste were revised to reduce discrepancies between supply and consumption and to ensure the continuity of trends.

Sources 1971-2007:

Direct communication with the Ministerio de Economía, Dirección de Hidrocarburos y Minas, San Salvador, Superintendencia General de Electricidad y Telecomunicaciones (SIGET).

SIEE, OLADE.

Secretariat estimates.

Sources for Combustible renewables and waste:

SIEE, OLADE.

Eritrea

Data for Eritrea are available from 1992. Prior to that, they are included in Ethiopia.

Sources 1992-2007:

Direct Communication with the Ministry of Energy and Mines, State of Eritrea.

Estonia

Data for Estonia are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Oil shale is reported under lignite/brown coal.

Sources 1990-2007:

Direct communication with Statistics Estonia, Tallinn.

UN ECE annual energy questionnaires.

Sources for Combustible renewables and waste:

UN ECE annual energy questionnaires and Secretariat estimates.

Ethiopia

Ethiopia energy data include Eritrea from 1971 to 1991. From 1992, the two countries are reported separately.

Sources 1992-2007:

Direct communication with the Ministry of Mines and Energy, Addis Ababa, 2004 to 2009.

Direct communication with the Energy Development Follow-up and Expansion Department of the Ministry of Infrastructure, Addis Ababa, 2004 and 2005.

Direct communication with the Ministry of Finance and Economic Development, Addis Ababa, 1998 to 2003.

The UN Energy Statistics Database.

Sources up to 1991:

Due to the change of data source, there might be a break in time series in 1990.

Ten Years of Petroleum Imports, Refinery Products, and Exports, Ministry of Mines & Energy, Addis Ababa, 1989.

Energy Balance for the Year 1984, Ministry of Mines & Energy, Addis Ababa, 1985.

1983 Annual Report, National Bank of Ethiopia, Addis Ababa, 1984.

Quarterly Bulletin, National Bank of Ethiopia, Addis Ababa, various editions from 1980 to 1985.

Sources for Combustible renewables and waste:

Secretariat estimates based on 1992 data from Eshetu, L. and Bogale, W., *Power Restructuring in Ethiopia*, AFREPREN, Nairobi, 1996.

Gabon

Sources 1992-2007:

Direct communication with the Direction Générale De L'Energie, 2003 to 2008.

Secretariat estimates.

Direct communication with the Société Gabonaise de Raffinage, Port Gentil, 1997, 2000-2006, 2008-2009.

Tableau de Bord de l'Economie, Situation 1997, Perspectives 1998-1999, Direction Générale de l'Economie, Ministère des Finance, de l'Economie, du Budget et des participations, chargé de la privatisation, Mai 1998.

Rapport d'Activité, Banque Gabonaise de Développement, Libreville, 1985, 1990, 1992 and 1993.

The UN Energy Statistics Database.

Sources up to 1991:

Tableau de Bord de l'Economie, Situation 1983 Perspective 1984-85, Ministère de l'Economie et des Finances, Direction Générale de l'Economie, Libreville, 1984.

Sources for Combustible renewables and waste:

Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa*, African Energy Programme of the African Development Bank, Abidjan, 1996.

Georgia

Data for Georgia are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Data for 2006 were revised based on a new submission of energy balances by the national administration.

Breaks in time series between 2005 and 2006 may occur for some products.

Sources 2001-2007:

Direct communication with the Energy Efficiency Centre, Tbilisi.

UN ECE annual energy questionnaires. submitted by the State Department of Statistics of Georgia, Industry, Energy and Water Supply Division, 2005.

Sources 1990-2000:

Official Energy Balance of Georgia 1990-1999, 2000-2004, Ministry of Economy and Ministry of Energy, Tbilisi.

Secretariat estimates.

Ghana

Sources 1992-2007:

Detailed Statistics of Petroleum Products Consumption 1999-2008, National Petroleum Authority, Accra, 2009.

Direct communication with the Energy Commission, Accra, 2004 and 2008.

Secretariat estimates.

National Energy Statistics, Ministry of Energy and Mines, Accra, 2000.

Quarterly Digest of Statistics, Government of Ghana, Statistical Services, Accra, March 1990, March 1991, March 1992, March 1995.

Energy Balances, Volta River Authority, Accra, various editions from 1970 to 1985.

Sources for Combustible renewables and waste:

Ministry of Mines and Energy, *the UN Energy Statistics Database* and Secretariat estimates.

Gibraltar

Own use of electricity includes transmission and distribution losses and public lighting.

Sources up to 2007:

Gibraltar Electricity Authority and Secretariat estimates.

Guatemala

The output of petroleum products was zero in 2003 and 2004 due to refinery closure.

Sources 2004-2007:

OLADE and direct communication with the Dirección Nacional de Energía Ministerio de Energía.

Sources 1999-2003:

SIEE, OLADE.

Sources up to 1998:

OLADE and direct communication with the Dirección Nacional de Energía Ministerio de Energía.

Haiti

Sources 2007:

Direct communication with the Table Sectorielle Énergie Électrique, Ministère des Travaux Publics, Transports et Communications, Haiti.

Secretariat estimates.

Sources 2005-2006:

SIEE, OLADE.

Sources up to 2004:

Direct communication with the Bureau des Mines et de l'Énergie.

Honduras

Sources up to 2007:

Direct communication with the Empresa Nacional de Energía Eléctrica, Comayagua.

Direct Communication with the Secretariat de Recursos Naturales y del Ambiente, Tegucigalpa.

SIEE, OLADE.

Hong Kong, China

Sources up to 2007:

Hong Kong Energy Statistics - Annual Report, Census and Statistics Department, Hong Kong, various editions up to 2007.

Direct communication with the Hongkong Electric Company, Ltd.

China Light and Power - Annual Report 2007, China Light and Power Group, Hong Kong, 2008.

Hong Kong Monthly Digest of Statistics, Census and Statistics Department, Hong Kong, various editions to 1994.

Sources for Combustible renewables and waste:

The UN Energy Statistics Database, Hong Kong Energy Statistics - Annual Report 2003 and Secretariat estimates.

India

Data are reported on a fiscal year basis.

Time series of solar thermal heat and of coke oven gas were estimated by the Secretariat.

Sources 1992-2007:

Direct communication with the Coal Controller's Organisation of the Ministry of Coal.

Direct communication with the Ministry of Petroleum and Natural Gas.

Direct communication with the Central Electricity Authority of the Ministry of Power.

Direct communication with the Central Statistical Organisation of the Ministry of Planning and Programme Implementation.

Direct communication with the Ministry of New and Renewable Energy.

Coal Directory of India, 1992-1993 to 2007-2008, Coal Controller's Organization, Ministry of Coal, Kolkata, 1994 to 2008.

Indian Petroleum and Natural Gas Statistics 2000-01 to 2007-08, Ministry of Petroleum and Natural Gas, New Delhi, 2002 to 2009.

Basic Statistics on Indian Petroleum and Natural Gas Statistic, various editions up to 2007-08, Ministry of Petroleum and Natural Gas, New Delhi, 2009.

Energy Statistics 2000-2001 to 2007-2008, Central Statistical Organisation, Ministry of Statistics and Programme Implementation, 2002 to 2009.

All India Electricity Statistics General Review 1998-99, 2000-01 to 2006-07, Central Electricity Authority, Ministry of Power, New Delhi, 2000, 2002 to 2008.

Solar Heat Worldwide, various editions up to 2008.

Annual Review of Coal Statistics, various issues from 1993-1994 to 1998-1999, Coal Controller's Organization, Ministry of Coal, Kolkata, 1995-2000.

Energy Data Directory, Yearbook "TEDDY", and Annual Report, Tata Energy Research Institute "TERI", New Delhi, 1986-1988, 1990, 1994-2000.

General Review, Public Electricity Supply, India Statistics, Central Electricity Authority, New Delhi, 1982 to 1985, 1995-1998, 2000-2004.

Monthly Abstract of Statistics, Ministry of Planning, Central Statistics Organisation, Department of Statistics, New Delhi, various editions from 1984 to March 1998, 1998-2000.

Annual Report 1994-1996, 1998-1999, Ministry of Energy, Department of Non-Conventional Energy, New Delhi, 1996 and 1999.

Annual Report 1993-1994, 1998-1999, Ministry of Petroleum and Natural Gas, New Delhi, 1995, 2000.

General Review, Public Electricity Supply, India Statistics, Central Electricity Authority, New Delhi, 1982 to 1985, 1995-1998.

India's Energy Sector, July 1995, Center for Monitoring Indian Economy PVT Ltd., Bombay, 1995.

Monthly Review of the Indian Economy, Center for Monitoring Indian Economy PVT Ltd., New Delhi, various issues from 1994 to June 1999.

Sources up to 1991:

Indian Oil Corporation Limited 1987-88 Annual Report, Indian Oil Corporation Limited, New Delhi, 1989-1992.

Report 1986-87, Ministry of Energy, Department of Coal, New Delhi, 1981 to 1987.

Annual Report 1986-1987, Ministry of Energy, Department of Non-Conventional Energy, New Delhi, 1987.

Economic Survey, Ministry of Finance, New Delhi, various editions from 1975 to 1986.

Statistical Outline of India, Ministry of Finance, New Delhi, 1983, 1984, 1986, 1987.

Monthly Coal Bulletin, vol xxxvi no.2., Ministry of Labour, Directorate General of Mines Safety, New Delhi, February 1986.

Sources for Combustible renewables and waste:

Direct communication to the Secretariat from the Ministry of Non-conventional Energy Sources, Government of India.

Secretariat estimates based on a per capita average consumption from various surveys and studies.

Indonesia

The Secretariat has modified official Indonesian statistics for 2000-2007 hard coal production and exports to account for activities under regional jurisdiction that could not be incorporated into the official national statistics.

Sources 1992-2007:

Indonesia Mineral and Coal Statistics 1997 to 2008, Directorate of Coal and Mineral Resources, Jakarta, 1998 to 2008.

Handbook of Indonesia's Energy Economy Statistics, Centre for Energy Information, Ministry of Energy and Mineral Resources, Jakarta, various editions up to 2009.

Oil and Gas Statistics of Indonesia, Directorate General Oil and Gas, Jakarta, various editions 1981 to 2009.

PLN Annual Report, 2006, PT.PLN (Persero), Jakarta, various editions up to 2008.

APEC annual energy statistics questionnaires.

Secretariat estimates.

Direct communication with Directorate General of Coal and Mineral Resources, Directorate General Oil and Gas, and Directorate General of Electricity and Energy Utilisation of the Ministry of Energy and Mineral Resources.

Direct communication with the Centre for Energy Information.

Direct communication with the Indonesian Institute for Energy Economics, 2004 and 2005.

Direct communication with the ASEAN Centre for Energy, 2005.

Statistics on Electricity and Energy, 1998 to 2004, Directorate General of Electricity and Energy Utilisation, Jakarta, 1999 to 2005.

The Petroleum Report Indonesia, various editions, U.S. Embassy in Jakarta, Jakarta, 1986 to 2006.

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Statistik Perminyakan Indonesia 1995 to 1999, Indonesia Oil and Gas Statistics, Directorate General of Oil and Gas, 2001.

Neraca energy 2000, Energy Balance of Indonesia 2000, Asean Center for Energy.

Mining and Energy Yearbook, 1998, Ministry of Mines and Energy, Jakarta, 1998.

Sources up to 1991:

Indonesian Financial Statistics, Bank of Indonesia, Jakarta, 1982.

Indikator Ekonomi 1980-1985, Biro Pusat Statistik, Jakarta, 1986.

Statistical Yearbook of Indonesia, Biro Pusat Statistik, Jakarta, 1978 to 1984 and 1992.

Statistik Pertambangan Umum, 1973 - 1985, Biro Pusat Statistik, Jakarta, 1986.

Energy Planning for Development in Indonesia, Directorate General for Power, Ministry of Mines and Energy, Jakarta, 1981.

Commercial Information, Electric Power Corporation, Perusahaan Umum Listrik Negara, Jakarta, 1984, 1985.

Sources for Combustible renewables and waste:

The UN Energy Statistics Database and Secretariat estimates.

Islamic Republic of Iran

Sources 2004-2007:

Direct communication with the Ministry of Energy, Teheran.

Iran Statistical Yearbook, Statistical Centre of Iran, Teheran, various editions up to 2006.

Secretariat estimates.

Sources 1992-2003:

Direct communication with the Ministry of Energy, Office of Deputy Minister for Energy, Teheran, 1998, 2001 to 2005.

Direct communication with the Ministry of Petroleum, 1999.

Electric Power in Iran, Ministry of Energy, Power Planning Bureau, Statistics Section, Teheran, 1992.

Sources up to 1991:

Electric Power in Iran, Ministry of Energy, Power Planning Bureau, Statistics Section, Teheran, 1967 to 1977, 1988, 1990, 1991.

Ministry of Energy, Office of Deputy Minister for Energy, Teheran, 1971 to 1991

Sources for Combustible renewables and waste:

The UN Energy Statistics Database, Forestry Statistics, FAO, 2000, Rome, and Secretariat estimates.

Iraq

Sources 1998-2007:

Direct communication with the Ministry of Planning and Development Cooperation and with the Central Organization for Statistics and Information Technology.

OPEC Annual Statistical Bulletin, various editions up to 2007.

OAPEC Statistical Yearbook, various editions up to 2008.

Secretariat estimates.

Iraq Weekly Status Report, US Department of State 2003 to 2004.

Sources up to 1997:

The UN Energy Statistics Database and Secretariat estimates.

Israel

For confidentiality reasons, 2007 data for crude oil and oil products were not available, and were estimated by the Secretariat. Also, data for kerosene and jet kerosene are reported as aggregated for the whole time series.

Sources 2005 - 2007:

Energy Database, Ministry of Energy and Infrastructure, Central Bureau of Statistics, Jerusalem, 2008.

Statistical Report, Year 2007, Israel Electric Corporation Ltd.

Secretariat estimates.

Sources 1992-2004:

UN ECE annual energy questionnaires, 1998 to 2004.

Direct communication with the Central Bureau of Statistics (CBS), International Trade, Energy and Databank Sector, Israel.

Direct communication with the Ministry of Energy and Infrastructure, Jerusalem.

Energy in Israel, Ministry of Energy and Infrastructure, Central Bureau of Statistics, Jerusalem, 1992, 1993, 1994, 1995, 1996, 1997.

Statistical Report 1993, 1994, 1995, the Israel Electric Corporation, Haifa, April 1994, May 1995, April 1996.

Statistical Results 1992, the Israel Electric Corporation, Haifa, June 1993.

Sources up to 1991:

Energy in Israel, Ministry of Energy and Infrastructure, Central Bureau of Statistics, Jerusalem, 1975 to 1991.

Statistical Abstract of Israel, Ministry of Energy and Infrastructure, Central Bureau of Statistics, Jerusalem, 1985.

Supplement to Monthly Bulletin of Statistics, Ministry of Energy and Infrastructure, Central Bureau of Statistics, Jerusalem, various editions from 1984 to 1986.

Sources for Combustible renewables and waste:

Forestry Statistics, FAO, 2000, Rome, and Secretariat estimates.

Jamaica

Sources 2007:

Import Statistics 2006-2007, Petrojam limited.

Petroleum Industry Consumption Statistics Jamaica 2006-2007, Petroleum Corporation of Jamaica.

Direct communication with the Office of Utilities Regulation, Jamaica.

Secretariat estimates.

Sources 1991 to 2006:

SIEE, OLADE.

Secretariat estimates.

Sources up to 1990:

National Energy Outlook 1985-1989, Petroleum Corporation of Jamaica, Economics and Planning Division, Kingston, 1985.

Energy and Economic Review, Petroleum Corporation of Jamaica, Energy Economics Department, Kingston, September 1986, December 1986 and March 1987.

Production Statistics 1988, Planning Institute of Jamaica, Kingston, 1989.

Statistical Digest, Research and Development Division, Bank of Jamaica, Kingston, 1984, 1985, 1986, 1989, 1990.

Sources for Combustible renewables and waste:
SIEE, OLADE.

Jordan

Sources 2005-2007:

Direct communication with the Ministry of Energy and Mineral Resources, Amman.

Secretariat estimates.

Annual Report 2005, 2006, 2007 National Electric Power Company, Amman, 2006 to 2008.

Sources 1992-2004:

Direct communication with the National Electric Power Company, Amman.

Secretariat estimates.

Annual Report 1995, 1996, 1998, 1999, 2000, 2001, 2002, 2003, 2004 National Electric Power Company, Amman, 1996, 1997, 1999 to 2004.

Annual Report 1992, 1993, Jordan Electricity Authority, Amman, 1993, 1994.

Energy and Electricity in Jordan 1992, 1993, 1994, 1995, Jordan Electricity Authority, Amman, 1993 to 1996.

Statistical Yearbook, 1994, Department of Statistics, Amman, 1995.

44th Annual Report for the year ending 31st December 1999, Jordan Petroleum Refinery Company, Amman, 2000.

Sources up to 1991:

Monthly Statistical Bulletin, Central Bank of Jordan, Department of Research Studies, Amman, various issues.

Statistical Yearbook, Department of Statistics, Amman, 1985, 1986 and 1988.

1986 Annual Report, Ministry of Energy and Mineral Resources, Amman, 1987.

1989 Annual Report, Ministry of Energy and Mineral Resources, Amman, 1990.

Sources for Combustible renewables and waste:
Forestry Statistics, FAO, Rome, 2000, and Secretariat estimates.

Kazakhstan

Data for Kazakhstan are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Sources 1993 to 2007:

Direct communication with the Statistical Agency, Astana.

UN ECE annual energy questionnaires, 1993, 1995, 1997 to 2007.

Fuel and energy balance of Kazakhstan Republic for Years 2000 – 2007, Statistical Agency of Kazakhstan Republic, various editions up to 2008.

Secretariat estimates.

Sources 1990-1992:

Secretariat estimates.

Sources for Combustible renewables and waste:

Forestry Statistics, FAO, Rome, 2000.

Kenya

As of 2001 data, electricity data are reported on a fiscal year basis, beginning on the 1st of July and ending on the 30 June of the subsequent year.

Sources 2006-2007:

Direct communication with AFREPREN, Nairobi.

Economic Survey, 2007 and 2008, Central Bureau of Statistics, Nairobi.

Kenya, Facts and figures, 2006 Edition, Central Bureau of Statistics, Nairobi.

Annual Report and Accounts, 2006/07, 2007/08 the Kenya Power & Lighting Company Limited.

Secretariat estimates based on various Kenyan sources.

Sources 2005:

Secretariat estimates based on various Kenyan sources.

Sources 1992-2004:

Direct communication with the Ministry of Energy, Nairobi.

Economic Survey, 1995 to 2004, Central Bureau of Statistics, Nairobi.

Annual Report and Accounts, 2001/02, 2002/03, 2003/2004, 2004, 2005, the Kenya Power & Lighting Company Limited.

The UN Energy Statistics Database.

Sources up to 1991:

Economic Survey, Government of Kenya, Nairobi, 1989.

Economic Survey 1991, Ministry of Planning and National Development, Central Bureau of Statistics, Nairobi, 1992.

Kenya Statistical Digest, Ministry of Planning and National Development, Central Bureau of Statistics, Nairobi, 1988.

Sources for Combustible renewables and waste:

Data for 2000 are based on a research carried out by the Ministry of Energy on consumption of biomass. The results of this research were published as part of a National Energy Policy initiative.

Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa*, African Energy Programme of the African Development Bank, Abidjan, 1996.

Democratic People's Republic of Korea

Sources 1971 - 2007:

Direct communication with various Korean sources, 2002 to 2009.

Secretariat estimates.

The UN Energy Statistics Database.

Sources for Combustible renewables and waste:

The UN Energy Statistics Database.

Kuwait

Data include 50 per cent of the crude oil output of the Neutral Zone.

Sources 1992-2007:

Direct communication with the Ministry of Oil, Economic Affairs, Energy Research, Safat, 2005, 2007, and 2008.

OPEC *Annual Statistical Bulletin*, various editions up to 2007.

The UN Energy Statistics Database.

Direct communication to the Secretariat from the Ministry of Oil, Safat, the Ministry of Planning and the Ministry of Electricity & Water, Kuwait City.

Monthly Digest of Statistics, Ministry of Planning, Central Statistical Office, Kuwait, 1999.

A Survey of the Kuwait Oil Industry, Embassy of the United States of America in Kuwait City, Kuwait, 1993.

Twelfth Annual Report 1991-1992, Kuwait Petroleum Corporation, Kuwait, 1993.

Sources up to 1991:

Quarterly Statistical Bulletin, Central Bank of Kuwait, Kuwait, various editions from 1986 and 1987.

The Kuwaiti Economy, Central Bank of Kuwait, Kuwait, various editions from 1980 to 1985.

Annual Statistical Abstract, Ministry of Planning, Central Statistical Office, Kuwait, 1986 and 1989.

Monthly Digest of Statistics, Ministry of Planning, Central Statistical Office, Kuwait, various editions from 1986 to 1990.

Economic and Financial Bulletin Monthly, Central Bank of Kuwait, Kuwait, various editions from 1983 to 1986.

Kuwait in Figures, The National Bank of Kuwait, Kuwait, 1986, 1987.

Sources for Combustible renewables and waste:

Forestry Statistics, FAO, Rome, 2001, and Secretariat estimates.

Kyrgyzstan

Data for Kyrgyzstan are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Sources 2007:

The UN Energy Statistics Database.

CIS and East European Energy Databook, Eastern Block Research Ltd, 2008.

Direct communication with the National Statistical Committee of Kyrgyzstan, Bishkek.

Secretariat estimates.

Sources 1993 to 2006:

UN ECE annual energy questionnaires, 1993 to 2006.

CIS and East European Energy Databook, Eastern Block Research Ltd, various editions up to 2007.

Asian Development Bank.

Secretariat estimates.

Sources 1990-2002:

Secretariat estimates.

Sources for Combustible renewables and waste:

The UN Energy Statistics Database.

Latvia

Data for Latvia are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Sources 1990-2007:

Direct communication with Statistics Latvia, Riga.

UN ECE annual questionnaires.

Balance of Latvian Energy, EC PHARE Project Implementation Unit, Ministry of Economics, Department of Energy, Riga, 1994.

Secretariat estimates.

Lebanon

Sources up to 2007:

L'Energie au Liban, Les Bilans Energétiques, 1994 to 2007, Association Libanaise pour la Maîtrise de l'Énergie, Beirut.

L'Energie au Liban, le Défi, Association Libanaise pour la Maîtrise de l'Énergie, Beirut, December 1996.

Sources for Combustible renewables and waste:

Forestry Statistics, FAO, Rome, 2000, and Secretariat estimates.

Libyan Arab Jamahiriya

Sources 1971 – 2007:

OPEC *Annual Statistical Bulletin*, various editions up to 2007.

OAPEC Statistical Yearbook, various editions up to 2008.

General Electricity Company (GECOL).

Statistiques d'Electricité du COMELEC, 2006, 2007, Comité Maghrébin de l'Electricité.

Secretariat estimates.

Statistical Abstract of Libya, 19th vol, Government of Libya, Tripoli, 1983.

Sources for Combustible renewables and waste:

The *UN Energy Statistics Database* and Secretariat estimates.

Lithuania

Data for Lithuania are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Sources 1990 – 2007:

Direct communication with Statistics Lithuania, Vilnius.

UN ECE annual energy questionnaires.

Former Yugoslav Republic of Macedonia (FYROM)

Data for FYROM are available starting in 1990. Prior to that, they are included in Former Yugoslavia.

Sources 1990 – 2007:

Direct communication with the State Statistical Office of Macedonia, Department for Environment, Energy and Transport, Skopje.

UN ECE annual energy questionnaires, 1993 to 1995, 1999 to 2007.

Secretariat estimates.

Sources for Combustible renewables and waste:

UN ECE annual energy questionnaires, Secretariat estimates and *the UN Energy Statistics Database* and *Forestry Statistics*, FAO, Rome, 2000.

Malaysia

Sources 2000 – 2007:

Direct communication with the Malaysia Energy Centre (PTM), Kuala Lumpur.

National Energy Balance Malaysia, Ministry of Energy, Water and Communication, Kuala Lumpur, 2002 to 2007.

Sources up to 2000:

Direct communication with Petroliam Nasional Berhad, Kuala Lumpur, April 2001.

Sources for Combustible renewables and waste:

Secretariat estimates.

The UN Energy Statistics Database and *Forestry Statistics*, FAO, Rome, 2002.

Malta

In this edition, time series for international marine bunkers have been revised for the period 2000-2007, based on newly available information from the national administration.

Sources 1971 – 2007:

Direct communication with the Central Office of Statistics, Valletta.

UN ECE annual questionnaire on Oil, 1995 to 1998, 2000, 2001, 2005. 2006 and 2007.

UN ECE annual questionnaire on Electricity and heat, 1994 to 1998, 2000, 2001, 2003, 2005, 2006 and 2007.

UN ECE annual questionnaire on Coal, 1994, 1995.

Solar Heat Worldwide, various editions up to 2008.

Secretariat estimates.

Republic of Moldova

Data for Moldova are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Sources 2006-2007:

Direct communication with the National Bureau of Statistics of the Republic of Moldova, Chisinau.

UN ECE annual energy questionnaires.

Sources 2005:

Secretariat estimates.

Sources 1992-2004:

UN ECE annual questionnaire on Electricity and heat, 1991 to 2004.

UN ECE annual questionnaire on Natural gas, 1991 to 2004.

UN ECE annual questionnaire on Coal, 1992 to 2004.

UN ECE annual questionnaire on Oil, 1993 to 1998, 2001 to 2004.

Direct communication with the Ministry of Industry and Energy, July 1992.

Sources 1990-1991:

Secretariat estimates.

Sources for Combustible renewables and waste:

The UN Energy Statistics Database.

Mongolia

Data for Mongolia are available starting in 1985. Prior to that, they are included in Other Asia.

Sources 1985 to 2007:

Mongolian Statistical Yearbook, National Statistical Office, Ulanbataar, various issues up to 2008.

Mongolian Statistical Bulletin, December 2007, National Statistical Office, Ulanbataar, 2008.

Asian Development Bank.

Secretariat estimates.

Sources for Combustible renewables and waste:

FAO wood energy database.

Secretariat estimates.

Morocco

In this edition, time series 2004-2006 were revised based on new more detailed energy balances submitted by the Ministère de l'Énergie et des Mines. Breaks in time series may occur for some products. To ensure continuity of trends, time series for consumption of gas/diesel oil, residual fuel oil and LPG were revised backwards to 1971.

Sources 1992-2007:

Direct communication with the Ministère de l'Énergie et des Mines - Direction des Mines, Rabat.

Annuaire Statistique du Maroc, Haut-Commissariat au Plan, Direction de la Statistique, Rabat, 1980, 1984, 1986 to 2007.

Electricity consumption by economic sector from direct communication from Office National de l'Électricité, Casablanca.

Sources up to 1991:

Rapport d'Activité 1992, Office National de l'Électricité, Casablanca, 1993.

Le Maroc en Chiffres 1986, Ministère du Plan, Direction de la Statistique, Rabat, 1987.

Rapport Annuel, Office National de Recherches et d'Exploitations Pétrolières, Maroc, 1984.

Rapport d'Activité du Secteur Pétrolier 1983, Ministère de l'Énergie et des Mines, Direction de l'Énergie, Rabat, 1984.

Rapport sur les Données Énergétiques Nationales 1979-1981, Ministère de l'Énergie et des Mines, Rabat, 1982.

Sources for Combustible renewables and waste:

The UN Energy Statistics Database and Secretariat estimates.

Mozambique

Sources 1992-2007:

Direct communication with the Ministério da Energia, Maputo.

Direct communication with the Electricidade de Moçambique.

Secretariat estimates.

Annual Statistical Yearbook 1993, 1994, 1995, Eskom, Johannesburg, 1994, 1995, 1996, citing Electricidade de Mozambique, Maputo, as source.

The UN Energy Statistics Database.

Sources for Combustible renewables and waste:

Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa*, African Energy Programme of the African Development Bank, Abidjan, 1996.

Myanmar

Sources 1992-2007:

Secretariat estimates.

Direct communications with the Ministry of Energy, Planning Department, Rangoon.

Review of the Financial Economic and Social Conditions, Ministry of National Planning and Economic Development, Central Statistical Organization, Rangoon, 1995, 1996.

Statistical Yearbook, Ministry of National Planning and Economic Development, Central Statistical Organization, Rangoon, 1995, 1996.

The UN Energy Statistics Database.

The ASEAN Energy Statistics Database.

Sources up to 1991:

Sectoral Energy Demand in Myanmar, UNDP Economic and Social Commission for Asia and The Pacific, Bangkok, 1992.

Selected Monthly Economic Indicators, paper no. 3, Ministry of Planning and Finance, Central Statistical Organization, Rangoon, 1989.

Sources for Combustible renewables and waste:

Wood data have been submitted by the Ministry of Energy, from 1985 to 2003.

Secretariat estimates based on 1990 data from *UNDP Sixth Country Programme Union of Myanmar*, World Bank, Programme Sectoral Review of Energy, by Sousing John, et. al., Washington, D.C., 1991.

Namibia

Data for Namibia are available starting in 1991. Prior to that, data are included in Other Africa.

Sources 1991-2007:

Secretariat estimates.

Direct communications with the Ministry of Mines and Energy, Windhoek.

NamPower Annual Report 2004, 2008 – Namibia Power Corporation.

Sources for Combustible renewables and waste:

Secretariat estimates.

Nepal

Energy statistics are reported on a fiscal year basis.

Sources 2007:

Secretariat estimates.

Key Indicators 2008, Asian Development Bank.

Direct communication with the Water and Energy Commission Secretariat (WECS), Ministry of Water Resources, 2004.

Sources for Combustible renewables and waste:

Water and Energy Commission Secretariat (WECS), Ministry of Water Resources.

Netherlands Antilles

Sources 1997-2007:

Direct communication with the Central Bureau of Statistics.

Direct communication with La Isla Refinery.

Secretariat estimates.

Sources up to 1996:

The UN Energy Statistics Database.

Nicaragua

Sources up to 2007:

Estadísticas de los Hidrocarburos, Ministerio de Energía y Minas, 2008.

Balance Energetico Nacional, Ministerio de Energía y Minas, 2006.

Balance Energetico Nacional, Comision Nacional de Energía (CNE), Direccion de Políticas Energéticas, 2000 to 2005.

Estatísticas des Suministro de los Hidrocarburos, Instituto Nicaraguense de Energía, 1999 to 2004.

Informe Annual 1996: Datos Estadísticos del Sector Electrico, INE, Managua, 1999.

SIEE, OLADE.

Sources for Combustible renewables and waste:

SIEE, OLADE up to 1998.

Balance Energetico Nacional, Comision Nacional de Energía (CNE) for 1999 onwards.

Nigeria

Statistical differences may include oil products smuggled into neighbouring countries.

Sources 1992-2007:

Annual Petroleum Bulletin, 1998 to 2007, NNPC, Nigerian National Petroleum Corporation.

Statistical Bulletin, Central Bank of Nigeria, Abuja, 2003 to 2009.

Secretariat estimates.

Monthly Petroleum Bulletin for 2000, NNPC, Nigerian National Petroleum Corporation.

OPEC *Annual Statistical Bulletin*, various editions up to 2007.

Secretariat estimates.

Annual Report and Statement of Accounts 1995, Central Bank of Nigeria, Lagos, 1996.

Nigerian Petroleum News, Energy Publications, monthly reports, various issues up to May 1998.

Sources up to 1991:

Annual Report and Statement of Accounts, Central Bank of Nigeria, Lagos, various editions from 1981 to 1987.

Basic Energy Statistics for Nigeria, Nigerian National Petroleum Corporation, Lagos, 1984.

NNPC Annual Statistical Bulletin, Nigerian National Petroleum Corporation, Lagos, 1983 to 1987.

The Economic and Financial Review, Central Bank of Nigeria, Lagos, various editions.

Sources for Combustible renewables and waste:

Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa*, African Energy Programme of the African Development Bank, Abidjan, 1996.

Oman

Sources 1992-2007:

Statistical Yearbook, Ministry of National Economy various editions from 1999 to 2009.

Direct communication with the Ministry of National Economy, Muscat.

Direct communication with the Ministry of Oil and Gas.

Direct communication with the Ministry of Petroleum and Minerals, Muscat, 1997 1998 and 1999.

Direct communication with the Ministry of Electricity & Water, Office of the Under Secretary, Ruwi, 1998 to 2001.

Quarterly Bulletin December 1994, Central Bank of Oman, Muscat, 1995.

Annual Report 1992, Central Bank of Oman, Muscat, 1993.

Statistical Yearbook, 1994, 1995, 1996, 1997, Ministry of Development, Muscat, 1995 to 1998.

Sources up to 1991:

Quarterly Bulletin, Central Bank of Oman, Muscat, 1986, 1987, 1989 and 1995.

Annual Report to His Majesty the Sultan of Oman, Department of Information and Public Affairs, Petroleum Development, Muscat, 1981, 1982, and 1984.

Oman Facts and Figures 1986, Directorate General of National Statistics, Development Council, Technical Secretariat, Muscat, 1987.

Quarterly Bulletin on Main Economic Indicators, Directorate General of National Statistics, Muscat, 1989.

Statistical Yearbook, Directorate General of National Statistics, Development Council, Muscat, 1985, 1986, 1988 and 1992.

Pakistan

Sources 1992-2007:

Energy Yearbook, Hydrocarbon Development Institute of Pakistan, Ministry of Petroleum and Natural Resources, Islamabad, various editions from 1979 to 2008.

Pakistan Economic Survey 1994-1995, 1996, 1997, Government of Pakistan, Finance Division, Islamabad, 1995, 1997, 1998.

Statistical Supplement 1993/1994, Finance Division, Economic Adviser's Wing, Government of Pakistan, Islamabad, 1995.

Sources up to 1991:

Monthly Statistical Bulletin, no. 12, Federal Bureau of Statistics, Islamabad, December 1989.

1986 Bulletin, The State Bank of Pakistan, Islamabad, 1987.

Sources for Combustible renewables and waste:

Secretariat estimates based on 1991 data from *Household Energy Strategy Study (HESS)* of 1991.

Panama

Export figures for gas/diesel oil and residual fuel oil may include international marine bunkers and international aviation bunkers figures for jet kerosene may include exports. The national administration is working to revise time series for kerosene.

From 2003 onwards, there has been no output of petroleum products, due to refinery closure.

Sources up to 2007:

SIEE, OLADE.

Compendio Estadístico Energético 1970-2007, Ministerio de Economía y Finanzas, Comisión de Política Energética.

Paraguay

The Itaipu hydroelectric plant, operating since 1984 and located on the Paraná River (which forms the border of Brazil and Paraguay) was formed as a joint venture between Eletrobrás and the Paraguayan government. Production is shared equally between Brazil and Paraguay.

The output of petroleum products was zero in 2006 and 2007 due to refinery closure.

Sources 1971-2007:

Balance Energetico Nacional, 1971-2007, Vice-ministerio de Energía y Minas, Ministerio de Obras Públicas y Comunicaciones.

Direct communication with the Ministerio de Obras Públicas y Comunicaciones.

Sources for Combustible renewables and waste:

Direct communication with the Non-Conventional Energy Department of Ministerio de Obras Públicas y Comunicaciones.

Peru

Sources 1971-2007:

Direct communication with the Ministerio de Energía y Minas, Oficina Técnica de Energía, Lima.

Balance Nacional de Energía.

Philippines

Time series 1990-2006 were revised based on a new submission of energy balances by the Department of Energy. Breaks in time series may occur for some products. To ensure continuity of trends, time series for gas/diesel oil, wood and charcoal were revised backwards to 1971.

Sources 1990-2007:

Energy Commodity Account (ECA) and Overall Energy Balance (OEB) 1990-2007 submitted by the Department of Energy, Manila.

Philippine Energy Bulletin 1996, 1997, 1998, 1999.

Sources up to 1989:

Direct communication with the Office of Energy Affairs, Metro Manila.

APEC Energy Statistics 1994, Tokyo, October 1996.

1990 Power Development Program (1990-2005), National Power Corporation, Manila, 1990.

Philippine Medium-term Energy Plan 1988-1992, Office of Energy Affairs, Manila, 1989.

Philippine Statistical Yearbook 1977-1983, National Economic and Development Authority, Manila, 1978-1984.

1985 and 1989 Annual Report, National Power Corporation, Manila, 1986, 1990.

Philippine Economic Indicators, National Economic and Development Authority, Manila, various editions of 1985.

Accomplishment Report: Energy Self-Reliance 1973-1983, Ministry of Energy, Manila, 1984.

Industrial Energy Profiles 1972-1979, vol. 1-4, Ministry of Energy, Manila, 1980.

National Energy Program, Ministry of Energy, Manila, 1982-1987 and 1986-1990.

Philippine Statistics 1974-1981, Ministry of Energy, Manila, 1982.

Energy Statistics, National Economic and Development Authority, Manila, 1983.

Quarterly Review, Office of Energy Affairs, Manila, various editions.

UN Energy Statistics Database.

Secretariat estimates.

Qatar

Autoproducer electricity includes generation by desalination plants since 1988.

Sources 1992-2007:

Direct communication with Qatar Petroleum.

Energy Statistics 2004-2007, Qatar Petroleum, Doha.

Statistics Report, Qatar General Electricity and Water Corporation, 2005 to 2007.

Annual Statistical Abstract, Presidency of the Council of Ministers, Central Statistical Office, Doha, 1994 to 2000.

The UN Energy Statistics Database.

Natural Gas in the World, Cedigaz, Paris, various editions up to 2009.

Secretariat estimates.

Sources up to 1991:

Qatar General Petroleum Corporation 1981-1985, General Petroleum Corporation, Doha, 1986.

Economic Survey of Qatar 1990, Ministry of Economy and Commerce, Department of Economic Affairs, Doha, 1991.

Statistical Report 1987 Electricity & Water, Ministry of Electricity, Doha, 1988.

State of Qatar Seventh Annual Report 1983, Qatar Monetary Agency, Department of Research and Statistics, Doha, 1984.

Sources for Combustible renewables and waste:

Forestry Statistics, FAO, Rome, 2000, and Secretariat estimates.

Romania

Data on quantities of coke oven coke used into blast furnaces do not correspond to the official submission of the national administration, as they have been estimated by the Secretariat to ensure a carbon balance in the blast furnace transformation.

Sources 1992-2007:

Direct communication with the National Institute of Statistics, Bucharest.

UN ECE annual energy questionnaires.

Buletin Statistic de Informare Publica, Comisia Nationala Pentru Statistica, Bucharest, various issues to June 1995.

Renel Information Bulletin, Romanian Electricity Authority, Bucharest, 1990, 1991, 1992, 1993, 1994.

Sources up to 1991:

Anuarul Statistic al Republicii Socialiste Romania, Comisia Nationala Pentru Statistica, Bucharest, 1984, 1985, 1986, 1990, 1991.

Sources for Combustible renewables and waste:

UN ECE annual energy questionnaires and Secretariat estimates.

Russian Federation

Data for the Russian Federation are available starting in 1990. Prior to that, they are included in Former Soviet Union.

In 2007, the Federal State Statistics Service has introduced a new classification, the Russian Classification of Economic Activities (OKVED), oriented towards the harmonization with the Statistical Classification of Economic Activities in the European Community (NACE Rev.1). Data for the years prior to 2005 were submitted to the Secretariat according to the Russian Classification of the Industries of the Economy (OKONKH). Therefore, breaks in time series for final consumption sectors may occur between 2004 and 2005.

Sources 1990-2007:

Direct communication with the Department of Foreign Statistics and International Cooperation from the Federal State Statistics Service (Rosstat), Moscow, Russian Federation.

UN ECE annual energy questionnaires.

Secretariat estimates.

Energy trade: direct communication with the Federal State Statistics Service, July 1994.

Statistical Yearbook of Russia 1994. The State Committee of Statistics, Moscow, 1994.

The Russian Federation in 1992, Statistical Yearbook, The Federal State Statistics Service, Moscow, 1993.

Russian Federation External Trade, annual and quarterly various editions, the Federal State Statistics Service, Moscow.

Statistical Bulletin, various editions, The State Committee of Statistics of the CIS, Moscow, 1993, 1994.

Statistical Bulletin n° 3, The Federal State Statistics Service, Moscow, 1992.

Fuel and Energy Balance of Russia 1990, The Federal State Statistics Service, Moscow, 1991.

Energetika, Energo-Atomisdat, Moscow, 1981 to 1987.

Sources for Combustible renewables and waste:

The Federal State Statistics Service and Secretariat estimates.

Saudi Arabia

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

Natural gas consumption in the oil refineries may include quantities used for oil and gas extraction and for electricity generation in oil refineries.

Electricity production from autoproducers includes generation by desalination plants since 1979.

Sources 1992-2007:

Ministry of Petroleum and Mineral Resources, 2008.

Annual Reports, Saudi Aramco, various issues.

Direct communication with the Saudi Electricity Company.

Annual Report, Saudi Arabian Monetary Agency, Research and Statistics Department, Riyadh, 2008.

Middle East Petroleum Databook, FACTS Global Energy Group, 2008.

Electricity Growth and Development in the Kingdom of Saudi Arabia up to the year from 1416H. (1996G.), 1420 H (1999/2000G) and 1423/1424 H (2003G), Ministry of Industry and Electricity, Riyadh, 1997, 1998, 1999, 2004.

OAPEC Statistical Yearbook, various editions up to 2008.

OPEC Annual Statistical Bulletin, various editions up to 2007.

Secretariat estimates.

Direct communication from the Central Department of Statistics of the Ministry of Planning and oil industry sources.

A Survey of the Saudi Arabian Oil Industry 1993, Embassy of the United States of America in Riyadh, Riyadh, January 1994.

Sources up to 1991:

Annual Reports, ARAMCO, various issues.

Petroleum Statistical Bulletin 1983, Ministry of Petroleum and Mineral Resources, Riyadh, 1984.

Achievement of the Development Plans 1970-1984, Ministry of Planning, Riyadh, 1985.

The 1st, 2nd, 3rd and 4th Development Plans, Ministry of Planning, Riyadh, 1970, 1975, 1980 and 1985.

Annual Report, Saudi Arabian Monetary Agency, Research and Statistics Department, Riyadh, 1984, 1985, 1986, 1988, 1989.

Statistical Summary, Saudi Arabian Monetary Agency, Research and Statistics Department, Riyadh, 1986.

Sources for Combustible renewables and waste:

Forestry Statistics, FAO, Rome, 2000, and Secretariat estimates.

Senegal

Data on electricity generation from solid biomass have been submitted for the first time in 2005. Due to changes in data sources, there could be breaks in series between 2002 and 2003.

Sources 2000-2007:

Bilans énergétiques du Sénégal 2003, 2004, 2005, 2006, Direction de l'Énergie, Dakar.

Secretariat estimates.

Sources 1992-1999:

Direct communication with the Ministère de l'Énergie, des Mines et de l'Industrie, Direction de l'Énergie, Dakar, 1997 to 2002.

Direct communication with the Ministère de l'Énergie, des Mines et de l'Hydraulique, Comité National des Hydrocarbures, Dakar, 2002.

Direct communication from oil industry sources, Société Africaine de raffinage.

Direct communication from electricity industry sources, SENELEC.

Report of Senegal on the Inventory of Greenhouse Gases Sources, Ministère de l'Environnement et de la Protection de la Nature, Dakar, 1994.

Direct communication to the Secretariat from ENDA - Energy Program, Dakar, 1997.

The UN Energy Statistics Database.

Sources up to 1991:

Situation Economique 1985, Ministère de l'Économie et des Finances, Direction de la Statistique, Senegal, 1986.

Sources for Combustible renewables and waste:

Secretariat estimates based on 1994 data from *Forests and Biomass Sub-sector in Africa*, African Energy Programme of the African Development Bank, Abidjan, 1996, and from direct communication with ENDA, Senegal.

Serbia

Data for Serbia are available starting in 1990. Prior to that, they are included in Former Yugoslavia.

Data for Serbia include Montenegro until 2004 and Kosovo until 1999.

Breaks in time series for oil products and natural gas may appear between 2006 and 2007 because of newly available data for 2007 (see Sources).

Sources 1990-2007:

Direct communication with the Statistical Office of the Republic of Serbia, Belgrade, Serbia.

UNECE annual energy questionnaires on Coal, Electricity and Heat, 2004 to 2007.

Pilot study: *Energy Balances, 2007 - Oil and Derivates of Oil, Natural Gas, Geothermal Energy and Energy Balance of the Republic of Serbia*, Statistical Office of the Republic of Serbia, Belgrade, 2009.

Secretariat estimates.

Direct communication with the Federal Ministry of Economy, Belgrade, 2001 and 2002.

Singapore

Electricity generation from liquid fuels may include quantities from orimulsion, waste and manufactured gases.

Sources 1992-2007:

Direct communication with the IE Singapore Resource Centre.

Data from Energy Market Authority and Singapore Maritime Port Authority.

Secretariat estimates.

Yearbook of Statistics Singapore 1993, 1995, 1996, 2003, 2007, Department of Statistics, Singapore, 1994, 1996, 1997, 2004, 2008.

Direct submissions from oil industry sources.

The Strategist Oil Report, Singapore, various issues up to March 1999.

Singapore Trade Statistics, Department of Statistics, Singapore, various editions from 1985 to 1995 and from 2000 to 2007.

Petroleum in Singapore 1993/1994, Petroleum Intelligence Weekly, Singapore, 1994.

AEEMTRC, 1996.

The UN Energy Statistics Database.

Sources up to 1991:

Monthly Digest of Statistics, Department of Statistics, Singapore, various editions from 1987 to 1989.

Yearbook of Statistics Singapore 1975/1985, Department of Statistics, Singapore, 1986.

ASEAN Oil Movements and Factors Affecting Intra-ASEAN Oil Trade, Institute of Southeast Asian Studies, Singapore, 1988.

The Changing Structure of the Oil Market and Its Implications for Singapore's Oil Industry, Institute of Southeast Asian Studies, Singapore, 1988.

Public Utilities Board Annual Report (1986 and 1989), Public Utilities Board, Singapore, 1987 and 1990.

Sources for Combustible renewables and waste:

The UN Energy Statistics Database and Secretariat estimates.

Slovenia

Data for Slovenia are available starting in 1990. Prior to that, they are included in Former Yugoslavia.

A new energy data collection system was implemented in January 2001, causing some breaks in time series between 1999 and 2000.

Sources 1993-2007:

Direct communication with the Statistical Office of the Republic of Slovenia, Ljubljana.

UN ECE annual energy questionnaires.

South Africa

Sources 2007:

Statistical release on electricity generated and available for distribution, Statistics South Africa, (December 2007).

Annual report 2006, South Africa Petroleum Industry Association (SAPIA).

Eskom Annual Report, Electricity Supply Commission (ESKOM), South Africa, 2008.

Secretariat estimates.

Sources 1992-2006:

Energy balances submitted to the Secretariat from the Department of Minerals and Energy, 2003 to 2007.

Electricity generated and available for distribution, Statistics South Africa, various editions up to 2007.

Direct submission from the Institute for Energy Studies, Rand Afrikaans University, Pretoria, 1998 to 2001.

Digest of South African Energy Statistics 1998.

Direct submissions from the Energy Research Institute, University of Cape Town.

Eskom Annual Report, Electricity Supply Commission (ESKOM), South Africa, 1989 to 1994.

Statistical Yearbook, Electricity Supply Commission (ESKOM), South Africa, 1983 to 1994.

South Africa's Mineral Industry, Department of Mineral and Energy Affairs, Braamfontein, 1995.

South African Energy Statistics, 1950-1993, Department of Mineral and Energy Affairs, Pretoria, 1995.

Wholesale Trade Sales of Petroleum Products, Central Statistical Service, Pretoria, 1995.

South African Coal Statistics 1994, South African Coal Report, Randburg, 1995.

Energy Balances in South Africa 1970-1993, Energy Research Institute, Plumstead, 1995.

Sources up to 1991:

Statistical News Release 1981-1985, Central Statistical Service, South Africa, various editions from 1986 to 1989.

Annual Report Energy Affairs 1985, Department of Mineral and Energy Affairs, Pretoria, 1986.

Energy Projections for South Africa (1985 Balance), Institute for Energy Studies, Rand Afrikaans University, South Africa, 1986.

Sources for Combustible renewables and waste:

South African Energy Statistics 1950-1989, No. 1, National Energy Council, Pretoria, 1989, and Secretariat estimates.

Former Soviet Union

Data for individual countries of the Former Soviet Union are available starting in 1990, and most of the information on 1990 and 1991 was estimated by the IEA Secretariat. Because of large breaks in reporting occurred in the early 1990's, breaks may occur in 1990 for all regional totals.

Coal production statistics refer to unwashed and unscreened coal up to 1990. IEA coal statistics normally refer to coal after washing and screening for the removal of inorganic matter. Also, see notes under 'Classification of Fuel Uses' and 'Heat', in Part I.1, Issues of data quality.

The commodity balances presented for the Former Soviet Union include Secretariat estimates of fuel consumption in the main categories of transformation. These estimates are based on secondary sources and on isolated references in FSU literature.

In old editions of this publication, intra-FSU trade was excluded.

Sources up to 1989:

Statistical Yearbook, The State Committee for Statistics of the USSR, Moscow, various editions from 1980 to 1989.

External Trade of the Independent Republics and the Baltic States, 1990 and 1991, the State Committee of Statistics of the CIS, Moscow, 1992.

External Trade of the USSR, annual and quarterly, various editions, The State Committee of Statistics of the USSR, Moscow, 1986 to 1990.

CIR Staff Paper no. 14, 28, 29, 30, 32 and 36, Center for International Research, U.S. Bureau of the Census, Washington, 1986, 1987 and 1988.

Yearbook on Foreign Trade, The Ministry of Foreign Trade, Moscow, 1986.

Sri Lanka

In this edition, historical data were revised for the period 2000-2006 based on newly available energy balances provided by the Sri Lanka Sustainable Energy Authority. Breaks in time series may occur between 1999 and 2000.

Sources 1992-2007:

Direct communication with the Sri Lanka Sustainable Energy Authority, Colombo.

Sri Lanka Energy Balances 2000-2007.

The UN Energy Statistics Database.

Direct communication with the Department of Census and Statistics, 2003 to 2006.

Annual Report 1993, Central Bank of Sri Lanka, Colombo, July 1994.

Direct communication with the Ceylon Electricity Board, *Sri Lanka Energy Balances, 1994*.

The UN Energy Statistics Database.

Sources up to 1991:

Energy Balance Sheet 1991, 1992, Energy Unit, Ceylon Electricity Board, Colombo, 1992, 1993.

Bulletin 1989, Central Bank of Sri Lanka, Colombo, July 1989.

Bulletin (monthly), Central Bank of Sri Lanka, Colombo, May 1992.

Sectoral Energy Demand in Sri Lanka, UNDP Economic and Social Commission for Asia and The Pacific, Bangkok, 1992.

External Trade Statistics 1992, Government of Sri Lanka, Colombo, 1993.

Sources for Combustible renewables and waste:

Energy Conservation Fund and Ceylon Electricity Board.

Sudan

In this edition, time series for combustible renewables and waste and petroleum products were revised for the period 2000-2005, based on newly available information from the Ministry of Energy and Mines.

Sources 1992-2007:

Direct communication with the Ministry of Energy and Mines, Khartoum.

Sudan Energy Handbook 2006, Ministry of Energy and Mines.

Secretariat estimates.

Sources up to 1991:

Foreign Trade Statistical Digest 1990, Government of Sudan, Khartoum, 1991.

Sources for Combustible renewables and waste:

Secretariat estimates based on 1990 data from Bhagavan, M.R., Editor, *Energy Utilities and Institutions in Africa*, AFREPREN, Nairobi, 1996.

Syrian Arab Republic

Sources 1992-2007:

OAPEC Statistical Yearbook, various editions up to 2008.

Natural Gas in the World, Cedigaz, Paris, various editions up to 2009.

Secretariat estimates.

The UN Energy Statistics Database.

Quarterly Bulletin, Central Bank of Syria, Research Department, Damascus, 2001.

Statistical Abstract 1992-1998, Office of the Prime Minister, Central Bureau of Statistics, Damascus, 1993, 1996, 1997, 1998, 1999.

Sources up to 1991:

Quarterly Bulletin, Central Bank of Syria, Research Department, Damascus, 1984.

Sources for Combustible renewables and waste:

Forestry Statistics, FAO, Rome, 2000, and Secretariat estimates.

Tajikistan

Data for Tajikistan are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Sources 1990-2007:

Direct communication with the State Committee on Statistics, Republic of Tajikistan, Dushanbe.

UN ECE annual questionnaires, 1991 to 2007.

CIS and East European Energy Databook, Eastern Block Research Ltd, various editions up to 2008.

Secretariat estimates.

Industry of Tajikistan, Statistics, the State Committee on Statistics of the Republic of Tajikistan, 2004.

Tanzania, United Republic of

Sources up to 2007:

Secretariat estimates.

The Economic Survey 2003, 2004, 2005, 2006, 2007 The President's Office - Planning and Privatization, Dar Es Salaam – Tanzania.

Annual Report 2007, Orca Exploration Group Inc.

Direct communication with the Ministry of Energy and Minerals and the electricity utility.

Tanzanian Economic Trends, Economic Research Bureau, University of Dar-es-Salaam, 1991.

Sources for Combustible renewables and waste:

Secretariat estimates based on 1990 data from *Energy Statistics Yearbook 1990*, SADC, Luanda, 1992.

Thailand

Sources 2002-2007:

Electric Power in Thailand, Ministry of Energy, Department of Alternative Energy Development and Efficiency, 2002 to 2007.

Oil and Thailand, Ministry of Energy, Department of Alternative Energy Development and Efficiency, 2002 to 2007.

Thailand Energy Situation, Ministry of Energy, Department of Alternative Energy Development and Efficiency, 2002 to 2007.

Sources up to 2001:

Electric Power in Thailand, Ministry of Science, Technology and Energy, National Energy Administration, Bangkok, 1985, 1986, 1988 to 2001.

Oil and Thailand, Ministry of Science, Technology and Energy, National Energy Administration, Bangkok, 1979 to 2001.

Thailand Energy Situation, Ministry of Science, Technology and Energy, National Energy Administration, Bangkok, 1978 to 2001.

Sources for Combustible renewables and waste:

Thailand Energy Situation, Ministry of Energy, Department of Alternative Energy Development and Efficiency, 2002 to 2006.

Togo

Sources 1999 to 2007:

Direct communication with the Ministère de l'Équipement, des Mines, de l'Énergie et des Postes et Télécommunications, 2009.

Bilans Énergétiques du Togo 2007, 2006, 2005, 2004 2003, 2002, 2001, 2000, 1999.

Sources up to 1999:

Secretariat estimates.

Trinidad and Tobago

Sources 1992-2007:

Direct communication with the Ministry of Energy and Natural Resources, Port of Spain.

SIEE, OLADE.

Natural Gas in the World, Cedigaz, Paris, various editions up to 2009.

Annual Economic Survey 1994, 1995, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, Central Bank of Trinidad and Tobago, Port of Spain, 1995 to 2007.

Petroleum Industry Monthly Bulletin, Ministry of Energy and Natural Resources, Port of Spain, various issues up to 1999.

Sources up to 1991:

Annual Statistical Digest, Central Statistical Office, Port of Spain, 1983, 1984.

History and Forecast, Electricity Commission, Port of Spain, 1987.

Annual Report, Ministry of Energy and Natural Resources, Port of Spain, 1985, 1986.

The National Energy Balances 1979-1983, Ministry of Energy and Natural Resources, Port of Spain, 1984.

Trinidad and Tobago Electricity Commission Annual Report, Trinidad and Tobago Electricity Commission, Port of Spain, 1984, 1985.

Sources for Combustible renewables and waste:

SIEE, OLADE.

Tunisia

A significant increase in crude oil production was reported for 2007 due to the start up of several new development wells and the beginning of production of the Oudna field.

Sources 1992 to 2007:

Direct communication with the Observatoire National de l'Énergie, Agence Nationale pour la Maîtrise de l'Énergie, Tunis.

Société Tunisienne de l'Électricité et du Gaz, Rapport Annuel 2007.

Statistiques d'Électricité du COMELEC, 2006, 2007, Comité Maghrébin de l'Électricité.

Sources up to 1991:

Bilan Energétique de l'Année 1991, Banque Centrale de Tunisie, Tunis, September 1992.

Rapport d'Activité 1990, Observatoire National de l'Energie, Agence pour la Maîtrise de l'Energie, Tunis, 1991.

Rapport Annuel 1990, Banque Centrale de Tunisie, Tunis, 1991.

Activités du Secteur Pétrolier en Tunisie, Banque Centrale de Tunisie, Tunis, 1987.

Statistiques Financières, Banque Centrale de Tunisie, Tunis, 1986.

Entreprise Tunisienne d'Activités Pétrolières (ETAP), Tunis, 1987.

Annuaire Statistique de la Tunisie, Institut National de la Statistique, Ministère du Plan, Tunis, 1985, 1986.

L'Economie de la Tunisie en Chiffres, Institut National de la Statistique, Tunis, 1984, 1985.

Activités et Comptes de Gestion, Société Tunisienne de l'Electricité et du Gaz, Tunis, 1987.

Sources for Combustible renewables and waste:

Secretariat estimates based on 1991 data from *Analyse du Bilan de Bois d'Energie et Identification d'un Plan d'Action*, Ministry of Agriculture, Tunis, 1998.

Turkmenistan

Data for Turkmenistan are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Sources up to 2007:

CIS and East European Energy Databook, Eastern Block Research Ltd, various editions up to 2008.

Asian Development Bank.

Natural Gas in the World, Cedigaz, Paris, various editions up to 2009.

Secretariat estimates.

Direct communication with the National Institute on Statistics and Forecasting of Turkmenistan, November 1999 and January 2001.

Ukraine

Data for Ukraine are available starting in 1990. Prior to that, they are included in Former Soviet Union.

The State Statistics Committee submitted detailed final consumption data for coal and natural gas for the

first time in 2006. Therefore, breaks in time series may occur between 2003 and 2004.

Official Ukrainian coal statistics refer to unwashed and unscreened coal prior to 1995. IEA statistics normally refer to coal after washing and screening for the removal of inorganic matter. Therefore, the IEA revised Ukrainian coal supply and demand statistics downward to reflect levels of washed coal.

Sources 1992-2007:

Direct communication with the State Statistics Committee of Ukraine, Kiev 2004 to 2009.

UN ECE annual questionnaire on Coal, 1991, 1992 and 1995 to 2007.

UN ECE annual questionnaire on Oil, 1992 and 1995 to 2007.

UN ECE annual questionnaire on Natural gas, 1992 and 1995 to 2007.

UN ECE annual questionnaire on Electricity and heat, 1991, 1992, and 1994 to 2007.

Secretariat estimates.

Direct communication with the Ministry of Statistics, the Coal Ministry, the National Dispatching Company, 1995.

Coal: Direct communications with from the State Mining University of Ukraine, 1995, 1996.

Natural Gas: Direct communication with Ukrgazprom, February 1995.

Direct communication with the Ministry of Statistics of the Ukraine, July 1994.

Ukraine in 1992, Statistical Handbook, Ministry of Statistics of the Ukraine, Kiev, 1993.

Ukraine Power Demand and Supply Options, The World Bank, Washington, 1993.

Power Industry in Ukraine, Ministry of Power and Electrification, Kiev, 1994.

Energy Issues Paper, Ministry of Economy, March 1995.

Ukraine Energy Sector Statistical Review 1993, 1994, 1995, 1996, 1997, The World Bank Regional Office, Kiev, 1994, 1995, 1996, 1997, 1998.

Global Energy Saving Strategy for Ukraine, Commission of the European Communities, TACIS, Madrid, July 1995.

Sources 1990-1991:

Secretariat estimates.

Sources for Combustible renewables and waste:

Statistical Office in Kiev, The World Bank and Secretariat estimates.

United Arab Emirates

Sources 1993-2007:

OPEC *Annual Statistical Bulletin*, various editions up to 2007.

OAPEC *Statistical Yearbook*, various editions up to 2008.

Natural Gas in the World, Cedigaz, Paris, various editions up to 2009.

Secretariat estimates.

Statistical Yearbook 1995, 1996, 1998, Department of Planning, Abu Dhabi, 1998, 2001.

Direct communications with the Ministry of Electricity and Water, Abu Dhabi, March 2001.

The UN Energy Statistics Database.

Sources up to 1992:

Annual Report 1998, Ministry of Electricity & Water, Dubai.

Abu Dhabi National Oil Company, 1985 Annual Report, Abu Dhabi National Oil Company, Abu Dhabi, 1986.

United Arab Emirates Statistical Review 1981, Ministry of Petroleum and Mineral Resources, Abu Dhabi, 1982.

Annual Statistical Abstract, Ministry of Planning, Central Statistical Department, Abu Dhabi, various editions from 1980 to 1993.

Sources for Combustible renewables and waste:

Forestry Statistics, FAO, Rome, 2001, and Secretariat estimates.

Uruguay

The power produced from the Salto Grande hydroelectric plant, operating since 1980 and located on the Uruguay River (natural border of Argentina and Uruguay), is equally shared between the two countries. Electricity exports include power produced in Salto Grande and exported to Argentina.

Sources 1990-2007:

Balance Energetico Nacional, Ministerio de Industria, Energía y Minería, Dirección Nacional de Energía, Montevideo, 1971 to 2007.

Sources for Combustible renewables and waste:

Dirección Nacional de Energía and SIEE, OLADE.

Uzbekistan

Data for Uzbekistan are available starting in 1990. Prior to that, they are included in Former Soviet Union.

Up to 1994, crude oil includes NGL.

Sources 1990-2007:

Asian Development Bank.

CIS and East European Energy Databook, Eastern Block Research Ltd, various editions up to 2008.

Secretariat estimates.

Direct communications to the Secretariat from the Institute of Power Engineering and Automation, Academy of Sciences of Uzbekistan 1994, 1996, 1998 to 2003.

UN ECE annual energy questionnaires, 1995 to 1997.

Venezuela

Sources up to 2007:

Balance Energético de Venezuela, Dirección de Planificación Energética, Ministerio de Energía y Minas.

SIEE, OLADE.

Estadísticas consolidadas, Cámara Venezolana de la Industria Eléctrica, 1996-2007.

Petróleo y Otros Datos Estadísticos, Dirección General Sectorial de Hidrocarburos, Caracas, 1993- 2004, 2007.

Estadísticas consolidadas, Cámara Venezolana de la Industria Eléctrica, 2006.

Transformando la energía en desarrollo social, CVG EDELCA Informe Anual 2006.

Petróleo y Otros Datos Estadísticos, Dirección General Sectorial de Hidrocarburos, Dirección de Planificación y Economía de Hidrocarburos, Caracas, 1983 to 1991.

Balance Energetico Consolidado de Venezuela 1970-1984, Ministerio de Energía y Minas, Dirección General Sectorial de Energía, División de Programación Energetica, Caracas, 1986.

Compendio Estadístico del Sector Eléctrico, Ministerio de Energía y Minas, Dirección de Electricidad, Carbón y Otras Energías, Caracas, 1984, 1989, 1990, 1991.

Memoria y Cuenta, Ministerio de Energía y Minas, Caracas, 1991.

Petróleos de Venezuela S.A. 1985 Annual Report,
Petróleos de Venezuela, Caracas, 1991.

Sources for Combustible renewables and waste:

The UN Energy Statistics Database.

Vietnam

Data for 2006 were revised based on a new submission available. For electricity, output by source was estimated by the Secretariat. Large volumes of coal exports were reclassified from bituminous coal to anthracite, after comparison with reports on coal trade.

Sources 1992-2007:

Direct communications with the Institute of Energy and the Ministry of Industry.

APEC annual energy statistics questionnaires.

Secretariat estimates.

Annual Report 2006, Petrovietnam, Vietnam national Oil and Gas Group.

Direct communications with the Center for Energy-Environment Research and Development, Pathumthani, 1997 to 1999.

Direct communication with the oil industry.

Sectoral Energy Demand in Vietnam, UNDP Economic and Social Commission for Asia and the Pacific, Bangkok, 1992.

Energy Commodity Account of Vietnam 1992, Asian Development Bank, Manila, 1994.

World Economic Problems (20), National Centre for Social Sciences of the S.R. Vietnam, Institute of World Economy, Hanoi, 1993.

Vietnam Energy Review, Institute of Energy, Hanoi, 1995, 1997, 1998.

Sources for Combustible renewables and waste:

Secretariat estimates based on 1992 data from *Vietnam Rural and Household Energy Issues and Options: Report No. 161/94*, The World Bank, ESMAP, Washington, D.C., 1994.

Yemen

Sources 1992-2007:

Oil & Gas in Figures 2001 – 2007, Ministry of Oil & Minerals, Statistics Technical Committee, Republic of Yemen, Yemen, 2008.

Oil, Gas and Minerals Statistics, Annual Bulletin 2001, 2002, 2003, 2004, 2005 and 2006 Ministry of Oil & Minerals, Statistics Technical Committee, Republic of Yemen, Yemen, 2001 to 2007.

Statistical Yearbook 1993 to 1998, 2005, 2006, 2007 Ministry of Planning and Development, Central Statistical Organization, Republic of Yemen, Yemen, 1994 to 1999 and 2004, 2006, 2007, 2008.

Statistical Bulletin 2006, 2007 Arab Union of Producers, Transporters and Distributors of Electricity, Jordan, 2007, 2008.

OAPEC Statistical Yearbook, various editions up to 2008.

Secretariat estimates.

Direct communications to the Secretariat from the Yemen General Oil and Gas Corporation, the Public Electricity Corporation, and the National Information Center, Sana'a, 2001.

Statistical Indicators in the Electricity Sector, Ministry of Planning and Development, Central Statistical Organization, Republic of Yemen, Yemen, 1993.

Sources up to 1991:

Statistical Yearbook, Government of Yemen Arab Republic, Yemen, 1988.

Sources for Combustible renewables and waste:

The UN Energy Statistics Database.

Forestry Statistics, FAO, Rome, 2000, and Secretariat estimates.

Former Yugoslavia

Data for individual countries of the Former Yugoslavia are available starting in 1990, and most of the information on 1990 and 1991 was estimated by the IEA Secretariat. Because of large breaks in reporting occurred in the early 1990's, breaks may occur in 1990 for all regional totals.

Sources 1990 to 2007:

From 1990 onwards, the statistics for the Former Yugoslavia have been calculated by adding together the basic statistics of the individual countries: Croatia, Slovenia, Former Yugoslav Republic of Macedonia, Bosnia-Herzegovina, and Serbia². In the case of the

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

latter two, the quality of data beyond basic production flows is questionable. Oil imports into Former Yugoslavia, breaking the UN embargo of Serbia are theoretically included, although the absolute levels of this trade are not known with any certainty.

Sources up to 1989:

Statisticki Godisnjak Jugoslavije, Socijalisticka Federativna Reublika Jugoslavija, Savezni Zavod Za Statistiku, Beograd, 1985 to 1991.

Indeks, Socijalisticka Federativna Reublika Jugoslavija, Beograd, 1990, 1991, 1992.

Zambia

Sources 1971-2007:

The World Bank.

Secretariat estimates.

Economic Report 2003, Ministry of Finance, Republic of Zambia.

Energy Statistics Bulletin 1980-1999, The Department of Energy, Lusaka, 2000.

Direct communication to the Secretariat from oil and coal industry sources, and Secretariats estimates.

AFREPEN, 2002.

Annual Statistical Yearbook 1993, 1994, 1995 (Consumption in Zambia 1978-1983), Eskom, Lusaka, 1984.

Sources for Combustible renewables and waste:

Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa*, African Energy Programme of the African Development Bank, Abidjan, 1996.

Zimbabwe

Sources 2006-2007:

Secretariat estimates.

Sources 1996-2005:

Secretariat estimates.

Direct communication with the Ministry of Energy and Power Development, 2007.

Direct communication with the Zimbabwe Electricity Supply Authority (ZESA), 2003, 2005, 2006.

African Economic Outlook 2004, OECD, Paris, 2004.

Direct communication to the Secretariat from the Department of Energy Resources and Development, February 2002, AFREPEN, 2002.

Direct communication to the Secretariat from the Ministry of Environment and Tourism, Harare, 1999, 2000.

Direct communication to the Secretariat from the electricity utility.

Electricity Statistics Information, Central Statistical Office, Causeway, February 1998.

Sources 1992-1995:

Eskom Annual Statistical Yearbook 1993, 1994, 1995, Johannesburg, 1994, 1995, 1996, citing Zimbabwe Electricity Supply Authority, Harare as source.

The UN Energy Statistics Database.

Sources up to 1991:

Zimbabwe Statistical Yearbook 1986, Central Statistical Office, Harare, 1990.

Quarterly Digest of Statistics, Central Statistical Office, Harare, 1990.

Zimbabwe Electricity Supply Authority Annual Report, Zimbabwe Electricity Supply Authority, Harare, 1986 to 1991.

Sources for Combustible renewables and waste:

Secretariat estimates based on 1991 data from *Forests and Biomass Sub-sector in Africa*, African Energy Programme of the African Development Bank, Abidjan, 1996.

Other Africa, Other Latin America and Other Asia

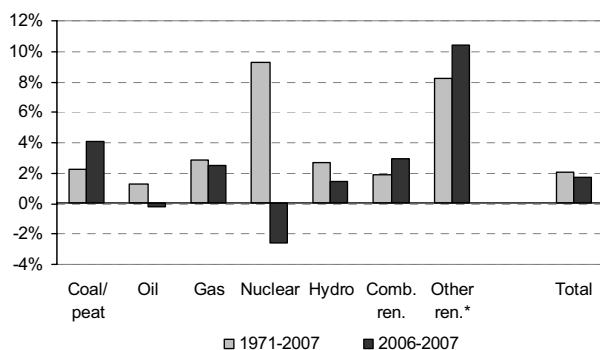
The series for these regions are obtained by adding data corresponding to their individual countries (see lists in Part I.4, Geographical coverage). As a consequence, intra-regional trade is included as part of total trade. Therefore, trade is likely to be overstated.

6. WORLD ENERGY TRENDS: AN OVERVIEW

Global trends

Between 2006 and 2007, the world energy production increased by 2%, as shown in Figure 1, reaching 11 940 Mtoe. The growth was driven by a pronounced increase in production of coal (+4%) and a sustained increase in production of natural gas (+2%).

Figure 1: Global annual growth in energy production by fuel



* Includes geothermal, solar thermal, solar photovoltaic and wind.

Total energy production more than doubled since 1971, with oil, coal and natural gas equally contributing to the increase. In 2007, fossil fuels accounted for 81% of the global production. However, while in recent years the growth of coal has steeply risen, the growth of oil has been much weaker. In 2007, oil production was just about the same as in the two previous years.

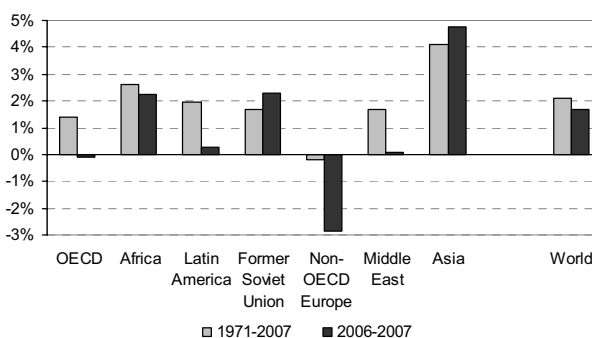
Among non-fossil sources, nuclear (6% of the total production) decreased by 3%, and hydro (2% of the total production) increased by 2%, between 2006 and 2007. With a 3% increase, combustible renewables kept their 10% share in global production, but other

renewable sources, despite representing just 1% of the total production, registered the most pronounced growth rates. In 2007, wind generation increased by 32%, solar thermal generation by 15%, and solar photovoltaic by 48%.

In 2007, the increase in Chinese coal production alone (+6%) contributed to almost 40% of the growth in the world total energy production. In China, production of natural gas also increased by 18%, hydro generation by 11%, nuclear by 13%, solar and wind together by 34%.

At the regional level, the OECD and Asia¹ remained the largest two energy producing regions, with about one-third and one-quarter, respectively, of the 2007 global production. However, the two regions followed very different trends between 2006 and 2007, as presented in Figure 2.

Figure 2: Annual growth in energy production by region



Production in the OECD stayed flat, with opposing trends of Australia and the United States on one side (+7% and +1%), and Japan and the United Kingdom

1. In this chapter, Asia includes China region unless otherwise specified.

on the other side (-11%, and -6%). Asia registered instead the largest growth among all regions (+5%). In China alone, energy production increased more than four times in thirty-six years, reaching 1 800 Mtoe in 2007.

Figure 3 illustrates that energy production is not evenly distributed across countries. For each fuel, just four to five countries generally account for more than half of the global production. For coal, this is even more pronounced: China and the United States together produced in 2007 almost 60% of the world total. Saudi Arabia is prominent in the global production of oil, the Russian Federation in the production of natural gas, oil (and coal), and again the United States play a key role in the production of all fuels, including nuclear and hydro.

Figure 3: Largest producers by fuel in 2007

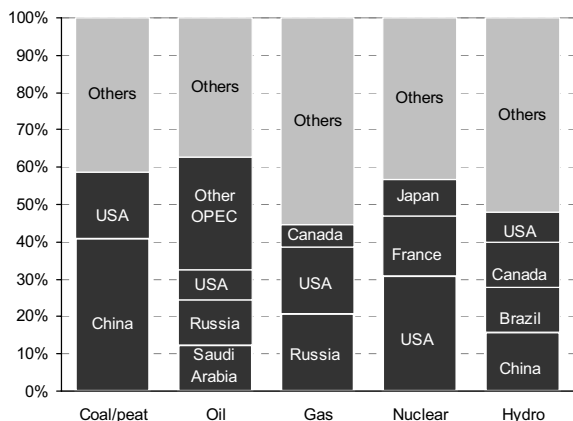
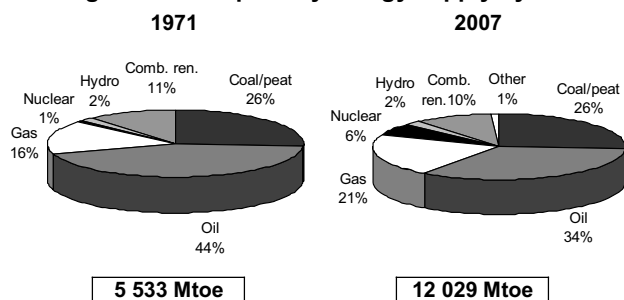


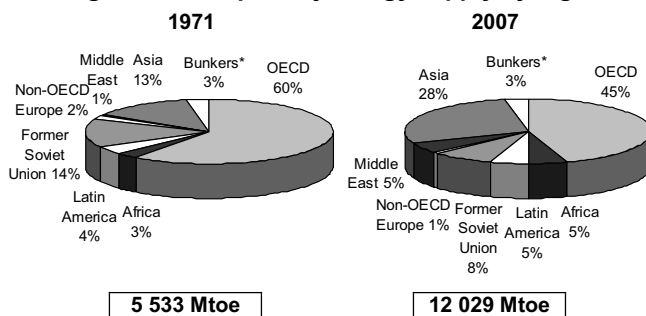
Figure 4 shows the fuel shares of the total primary energy supply (TPES) in 1971 and in 2007. The world TPES more than doubled. Oil, still the dominant fuel in 2007, reduced its share from 44% to 34%, while gas increased from 16% to 21% and nuclear from 1% to 6%. Remarkably, the share of coal increased constantly in recent years, reaching in 2007 the highest level since 1971 (26.5%).

Figure 4: Total primary energy supply by fuel



From a dominant position in 1971 (60%), the OECD as a region reduced its share to less than half of the global, as shown in Figure 5. Within the OECD, the United States keeps by far the leading position, representing more than 40% of the regional total in 2007, just a few percentage points less than in 1971.

Figure 5: Total primary energy supply by region

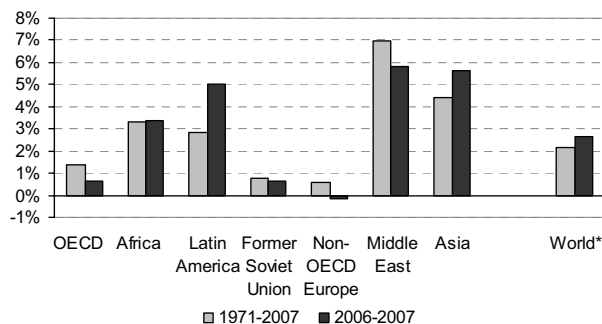


* including international marine and aviation bunkers.

Outside of the OECD, the most dramatic increase over the thirty-six years occurred in Middle East, which in 2007 consumed more than ten times as much as in 1971. However, the most prominent emerging region in the world energy consumption is definitely Asia, which more than doubled its share in global TPES, representing in 2007 almost 30% of the total.

As shown in Figure 6, Asia increased its TPES by 6% between 2006 and 2007, led by China. The non-OECD region as a whole experienced a significantly larger growth than the global average.

Figure 6: Annual growth in TPES by region



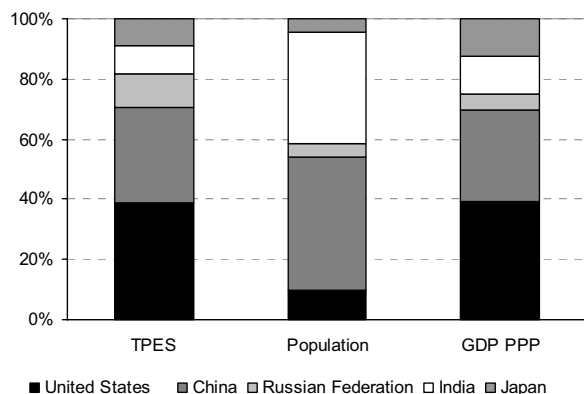
* World also includes international marine and aviation bunkers.

The prominent role of non-OECD in the current world energy picture is clear when ranking countries by TPES, as shown in Table 1. While the United States still accounted for the largest TPES in 2007 (with a share of 19%), China, the Russian Federation and India ranked second, third and fourth, respectively, leaving Japan, the second OECD consuming country, in fifth position. Another non-OECD country, Brazil, entered the top-ten in 2005.

Table 1: TPES - top-ten countries in 2007

| Country | TPES (Mtoe) | Share in world TPES |
|------------------------|---------------|---------------------|
| United States | 2 340 | 19% |
| People's Rep. of China | 1 956 | 16% |
| Russian Federation | 672 | 6% |
| India | 595 | 5% |
| Japan | 514 | 4% |
| Germany | 331 | 3% |
| Canada | 269 | 2% |
| France | 264 | 2% |
| Brazil | 236 | 2% |
| Korea | 222 | 2% |
| Rest of the world | 4 630 | 39% |
| World | 12 029 | 100% |

In 2007, the top-five countries of Table 1 produced together half of the global GDP², consumed 51% of the total world energy and accounted for 46% of the total population. However, the relative shares of GDP, population and TPES of these five countries significantly varied from one to another, as illustrated in Figure 7.

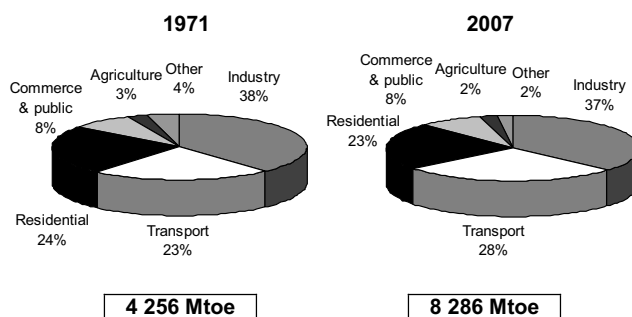
Figure 7: Top-five energy consumers: 2007 relative shares*

* Relative shares within the top-five, which differ from shares in the world total.

The United States alone consumed 19% of the world energy, despite a population of less than 5% of the global total. Conversely, China and India, consuming together just a little more energy than the United States (21% of global TPES), accounted for 37% of the total population. In the United States, the large share of energy consumption is associated with a commensurate share of economic output, the largest in the world.

The Russian Federation, India and Japan together consumed about as much energy as China. However, energy intensities differed significantly. With a GDP more than two times larger than that of the Russian Federation, Japan consumed 25% less energy.

To conclude this global overview, Figure 8 presents the shares of different sectors in the total final consumption (TFC) of energy. Industry is still the largest consuming sector (with a significant fraction deriving from non-energy use), followed by the transport sector and the residential sector.

Figure 8: Total final consumption by sector

The following sections briefly describe 1971-2007 energy trends in seven different regions of the world: OECD, Africa, Latin America, Asia, non-OECD Europe, the Former Soviet Union and Middle East.

2. In this chapter, GDP refers to GDP using purchasing power parities.

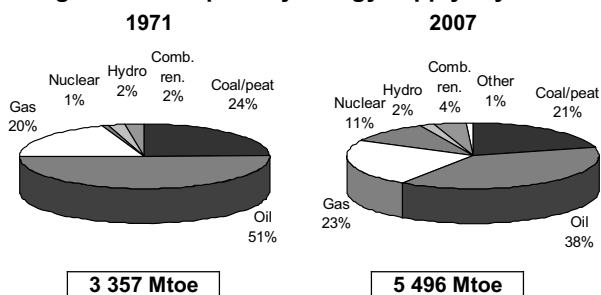
OECD

Besides being the main energy producing region, the OECD is also the largest importer. In terms of self-sufficiency, the OECD is second to last among all regions, with a production/TPES ratio of 70%, only ahead of non-OECD Europe.

The OECD is largely driven by the weight of the United States, alone accounting for 43% of the regional TPES. Japan and Germany follow, with 9% and 6% of the regional TPES. After a short period of decrease in the mid-70s and early 80's, the OECD energy supply has progressed regularly, with an average annual growth rate of 1% since 1971. In 2007, the TPES was just slightly higher than in 2006 (+0.6%), despite a 3% growth in GDP.

Since the oil shocks of the 70's, the OECD has diversified its mix in energy supply. Consequently, the fuel shares in TPES have evolved, as shown in Figure 9. Although oil remains the main component of the TPES, its share decreased from 51% in 1971 to 38% in 2007. The decrease was compensated by a pronounced increase in nuclear (from 1% to 11%) and by an increased penetration of natural gas (from 20% to 23%).

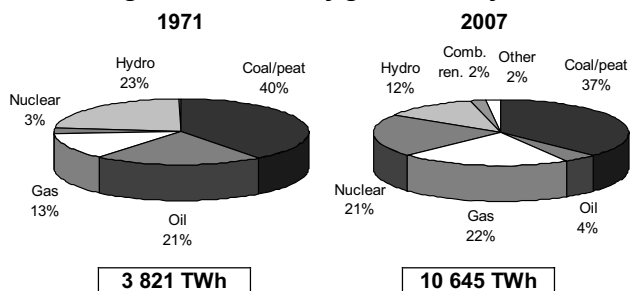
Figure 9: Total primary energy supply* by fuel



*excluding electricity trade.

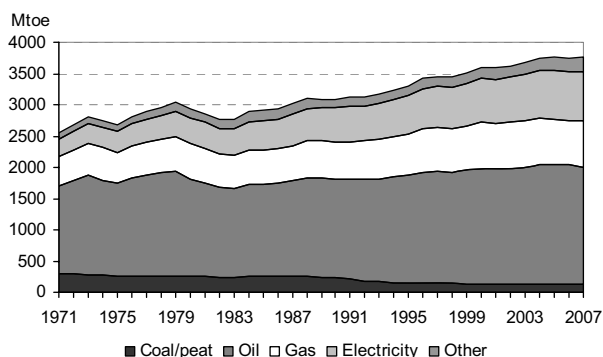
The trends in electricity generation are even more remarkable than those of TPES, as presented in Figure 10. Electricity production has almost tripled since 1971, increasing by 3% per year, twice as fast as TPES, at a rate comparable to that of GDP. Oil has been almost completely displaced by the dramatic increase of nuclear (on average, +9% per year), and by the increase of gas. Hydro has progressed very slowly, losing eleven percentage points in the share. Most importantly, coal has kept the dominant role as electricity source, with a share in 2007 (37%) comparable to that of 1971.

Figure 10: Electricity generation by fuel



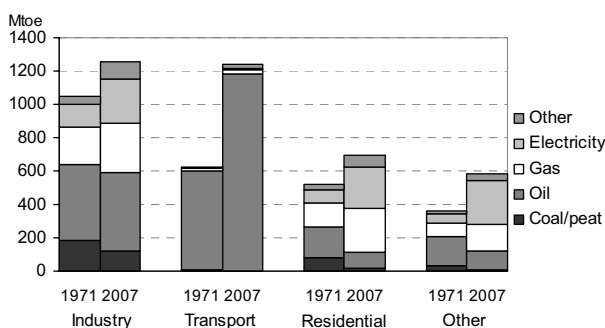
The role of coal in the total final consumption (TFC) is much less important than that in electricity generation. In final consumption, oil is the key player, as shown in Figure 11. Oil consumption had decreased after the oil shocks of the 70's, but since the mid-80's it has started to grow again. In 2007, oil still accounted for about half of the total final consumption within the OECD.

Figure 11: Final consumption by fuel



As illustrated in Figure 12, the driver for oil consumption (63% in 2007) is the transport sector, where total consumption more than doubled between 1971 and 2007. Consumption of electricity increased considerably across all other sectors: it almost tripled between 1971 and 2007.

Figure 12: Total final consumption by sector and fuel

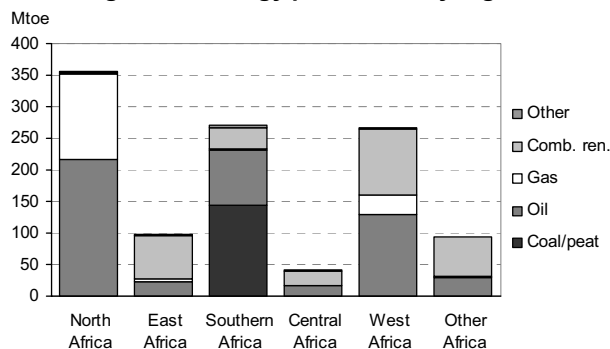


Africa

In 2007, Africa produced 9% of the world energy. The African production is dominated by oil (45%), followed by traditional biomass (26%), natural gas (15%) and coal (13%). The use of combustible renewables (mainly fuelwood) is across Africa significantly higher than the world average. For the commercial types of energy, production is unevenly distributed, as shown in Figure 13.

Crude oil and natural gas tend to be concentrated in a few countries of North, West and Southern Africa. In 2007, Nigeria, Algeria, Libyan Arab Jamahiriya and Angola produced together 76% of the crude oil of the region, while Algeria produced alone more than 40% of the regional output of natural gas. Coal is produced almost exclusively in South Africa, the sixth coal exporter in the world, and a significant coal consumer itself.

Figure 13: Energy production by region



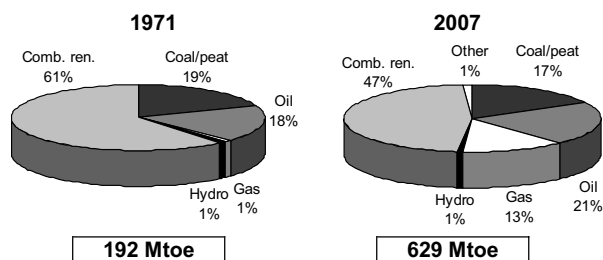
North Africa includes Algeria, Egypt, Libyan Arab Jamahiriya, Morocco and Tunisia; **East Africa** includes Eritrea, Ethiopia, Kenya, Mozambique, Sudan and United Republic of Tanzania; **Southern Africa** includes Angola, Botswana, Namibia, South Africa, Zambia and Zimbabwe; **Central Africa** includes Cameroon, Congo and Democratic Republic of Congo; **West Africa** includes Benin, Côte d'Ivoire, Gabon, Ghana, Nigeria, Senegal and Togo.

In 2007, Africa produced 2% more oil than in 2006, representing 13% of world crude oil output, and exported 81% of its production. Among the largest oil producers, the output decreased for Nigeria (-8%) and for the Libyan Arab Jamahiriya (-2%), was stable for Algeria and significantly increased for Angola (+20%). Gas production increased by 5%, with more than half of the output exported in 2007, both by pipeline and LNG.

For coal, South Africa produced 98% of the regional output and continued to export about one third of it. Still, its domestic consumption increased by 4%, mainly for use in electricity generation.

As shown in Figure 14, TPES in Africa is dominated by combustible renewables, with a share in 2007 (47%) much higher than the world average (10%). The presence of large forests, agro-industry, agriculture, a large rural population, and a low GDP per capita have resulted in a large use of biomass for cooking.

Figure 14: Total primary energy supply* by fuel



*excluding electricity trade.

Because of the extensive use of wood and charcoal, energy intensity¹ is higher than the world average.

However, the share of traditional biomass in TPES significantly decreased between 1971 and 2007, due to increased electrification, and particularly to the recent development of power generation from natural gas. Natural gas increased its share in TPES from 1% in 1971 to 13% in 2007. Coal continued to represent a relevant share of African TPES (17% in 2007), due to the constant reliance of the South African supply on it (72% in 2007).

Figure 15: Electricity generation by fuel

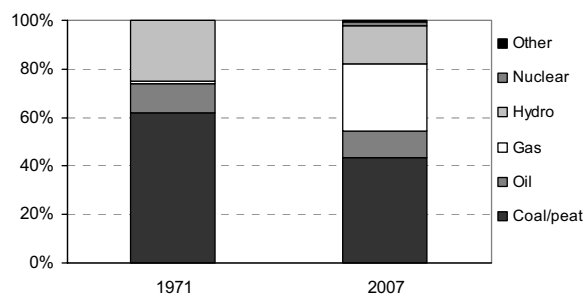


Figure 15 shows that electricity generation drove the substantial changes observed for TPES between 1971 and 2007. The growth of natural gas generation, especially in gas-producing countries, has been remarkable. In 2007, gas provided 97% of the electricity in Algeria, 83% in Tunisia and 67% in Nigeria. On the regional level, the share was 28%, larger than in the OECD (22%), and only behind the Former Soviet Union (43%) and Middle East (57%). The large share of coal in electricity production is due to the weight of South Africa, which almost exclusively uses coal as electricity source (95% in 2007).

Electricity production reflects the disparity in fossil fuel resources between sub-regions of Africa. In 2007, North African countries plus South Africa, representing only 21% of the population, generated 79% of the electricity in Africa. Electricity remains a grave scarcity for most Sub-Saharan African countries, with electrification rates often below 20%.

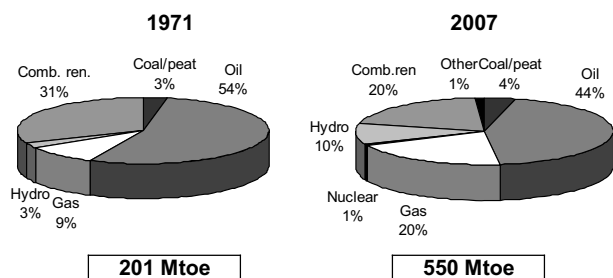
1. Measured by the ratio TPES/GDP.

Latin America

In 2007, energy production in Latin America was comparable to its 2006 level, with increases in Brazil (+8% for biomass and +7% for hydro), Colombia (+7% for coal), Trinidad and Tobago (+10% for gas) compensating for the large reduction in oil production of Venezuela (-7%), the largest oil producer in the region.

Figure 16 shows that oil largely remained the dominant fuel in the supply (44% in 2007), followed by comparable shares of natural gas and combustible renewables (20%). While the share of natural gas in TPES increased from 9% to 20% between 1971 and 2007, the share of combustible renewables and waste decreased from 31% to 20%. Urbanisation and increase in purchasing power explain the move away from traditional biomass.

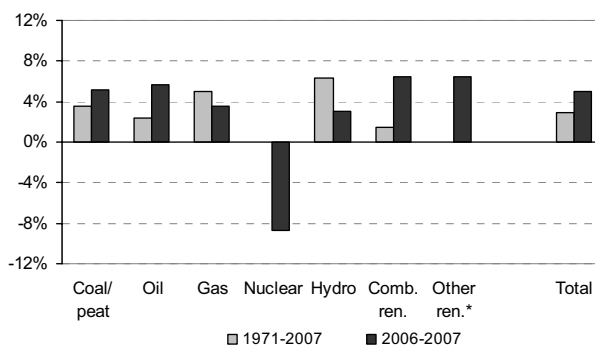
Figure 16: Total primary energy supply* by fuel



*excluding electricity trade.

As shown in Figure 17, hydro generation developed at an average rate of 6% per year between 1971 and 2007, growing from 3% to 10% of the TPES. In 2007, hydro represented 66% of the total Latin American electricity generation, by far the largest share among all regions, and way above the world average of 16%.

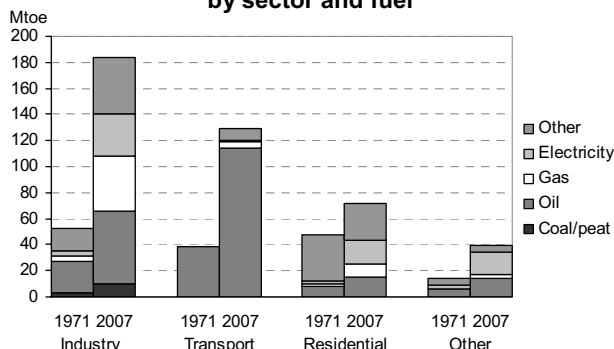
Figure 17: Annual growth in TPES by fuel



* Includes geothermal, solar thermal, solar photovoltaic and wind.

Figure 18 illustrates the sectoral consumption in the region. In 2007, industry accounted for 43% of the total final consumption, followed by transport (30%) and residential (17%). Oil consumption, accounting for half of TFC, is driven as in all regions by road transport. Still, within transport, Latin America has the largest share of biofuels in the world (7%) thanks to Brazil (15%), the world's largest exporter and consumer of fuel ethanol from sugarcane.

Figure 18: Total final consumption by sector and fuel



The share of electricity in TFC increased from 6% in 1971 to 16% in 2007 due to a series of structural and regulatory changes to favour access to electricity and to develop interconnections.

Asia

In 2007, the Asian total primary energy supply continued its pronounced growth (+6%), in line with the strong economic growth of the region. The GDP increased by 10%, dominated by China (+13%) and India (+10%). Asia was the second largest energy-producing region in the world, with 25% of global production.

Figure 19 shows the steep recent growth in production, led by China, the largest coal producer in the world. Despite this growth, the region as a whole is a net energy importer, as its internal demand is growing even faster than its production. Self-sufficiency has slowly declined over the last twenty years for both China (93% in 2007) and India (76% in 2007). Even Indonesia, which is still self-sufficient because of its huge coal exports, became a net oil importer in 2004.

Figure 19: Energy production by country

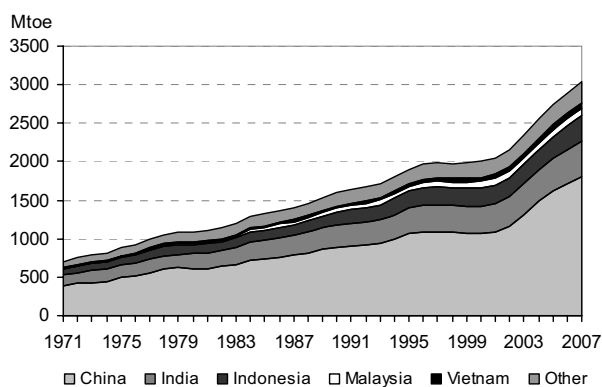
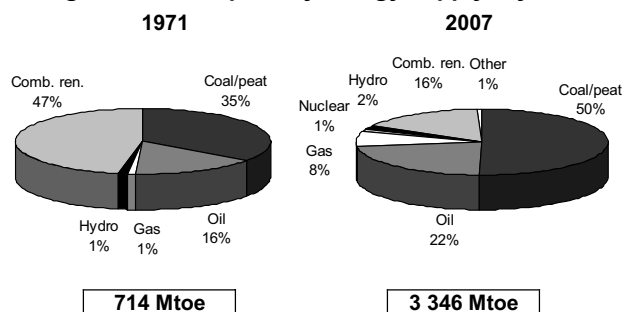


Figure 20: Total primary energy supply* by fuel



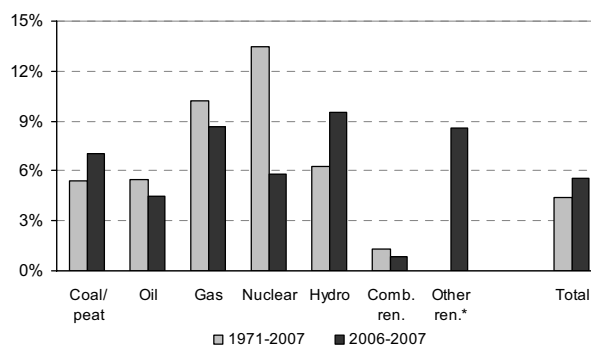
*excluding electricity trade.

As shown in Figure 20, coal is the main energy source in the region, accounting in 2007 for half of the TPES, well above the world average of 26%. Figure 21 shows that in 2007 the Asian coal supply increased by 7%. The growth was driven by the 6% increase of China, which consumed alone 40% of the world's

coal. In 2007, China also increased its oil supply by 4%, remaining the world's third largest oil importer after the United States and Japan.

Increase in per capita GDP, urbanization and electrification programmes have lowered the share of combustible renewables (predominantly biomass) from 47% in 1971 to 16% in 2007. Due to the expansion of infrastructures, natural gas has become significant in the fuel mix (8%). In 2007, China itself increased gas production by 18%, and also strongly increased its LNG imports that had started in 2006.

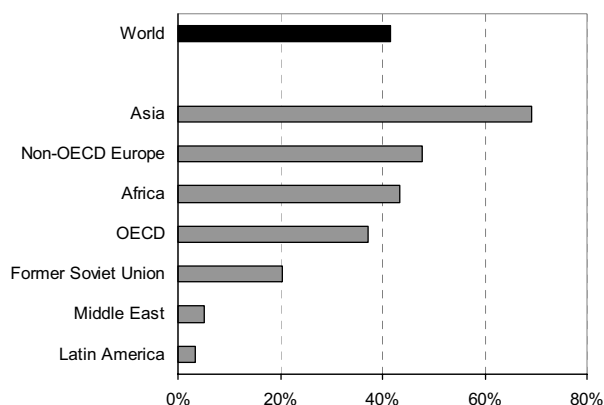
Figure 21: Annual growth in TPES by fuel



* Includes geothermal, solar thermal, solar photovoltaic and wind.

As shown in Figure 22, Asia has the largest share of coal in electricity mix among all regions (69% in 2007). Among the largest electricity producing countries, coal provided 81% of electricity in China, 68% in India, 55% in Chinese Taipei and 45% in Indonesia.

Figure 22: Share of coal in electricity generation in 2007



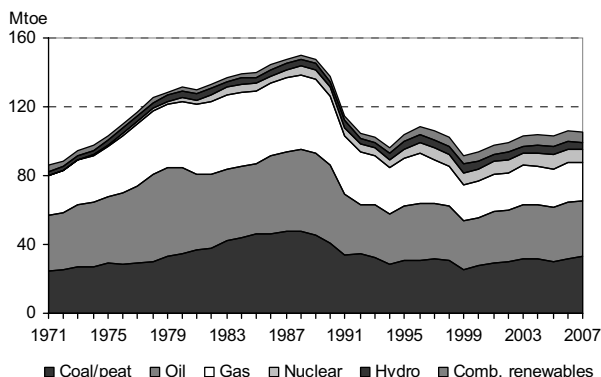
In 2007, total electricity generation in Asia increased by 11% due to the dramatic 14% increase of China. Even if electricity grew in the region at an average rate 8% since 1971, its consumption per capita was in 2007 still less than half the world average.

Non-OECD Europe

Dominated by Romania (37% of regional TPES in 2007), Bulgaria (19%) and Serbia (15%), non-OECD Europe represents less than 1% of the world energy supply. With a production/TPES ratio of 58%, it is also the least self sufficient among all regions.

Figure 23 shows the evolution in time of the regional TPES. In the years after 1990, economic output as well as energy consumption strongly declined (-30%), due to the very sharp decrease in industrial consumption. A slow recovery has occurred since 1999.

Figure 23: Evolution of total primary energy supply* by fuel

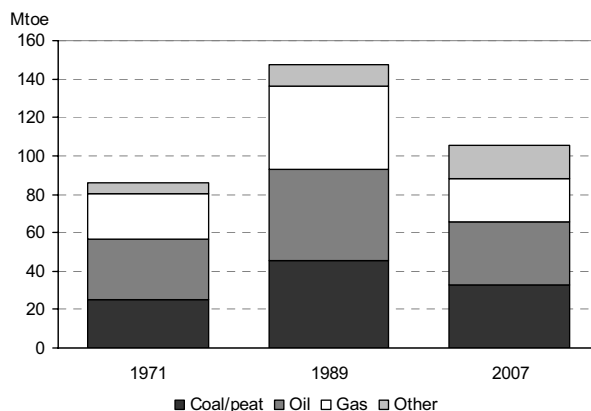


*excluding electricity trade.

Coal is the largest contributor to energy production (40% in 2007), followed by gas and nuclear. Natural gas continued to decline in the largest producing country, Romania, with the 2007 output equivalent to less than half the output in 1971. Conversely, Croatia kept increasing its gas production between 2006 and 2007.

In 2007, nuclear power provided 14% of the electricity of the region, especially developed in Bulgaria (34%), Romania (12%) and Slovenia (38%). Its development in time, mainly at the expenses of natural gas, represents the most significant variation in the regional fuel mix over the last three decades, as shown in Figure 24. In 2007, oil, coal and gas still accounted together for more than 80% of the supply.

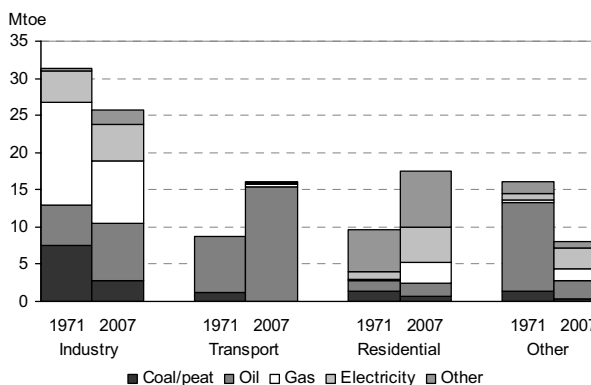
Figure 24: Total primary energy supply*



*excluding electricity trade.

As illustrated by Figure 25, industrial consumption declined by 18% between 1971 and 2007 - and 54% between 1989 and 2007. The decrease was particularly pronounced in Romania (-42% and -66%, respectively). In recent years, industrial consumption has gradually recovered in the region (+12% between 2000 and 2007). Conversely, consumption in the transport sector has almost constantly increased over the last thirty-six years (+82%).

Figure 25: Total final consumption by sector and fuel



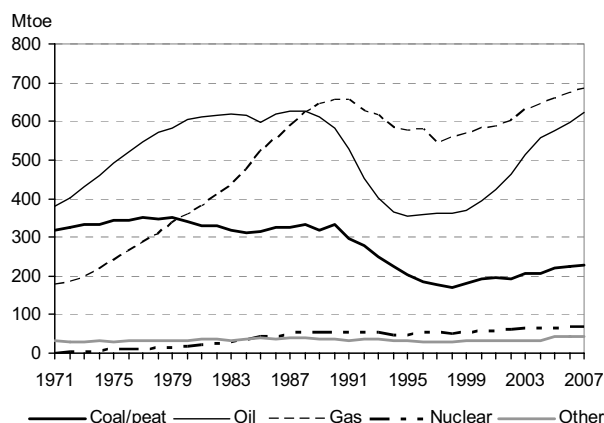
In 2007, oil had the largest share in the regional TFC (40%), followed by natural gas (20%) and electricity (19%). Coal, with a share of just 6% in final consumption, was dominant in the regional electricity mix (48%): in 2007, coal-generated electricity increased by 5%.

The Former Soviet Union

In 2007, the Former Soviet Union produced 14% of global energy, 27% of global gas, and 16% of global oil. A key world energy exporter, the Former Soviet Union is increasing its production faster than its domestic supply. In 2007, net exports in the region were equivalent to 37% of total production, compared to 15% in 1990. Within the region, the Russian Federation produced 79% of total oil, 76% of total gas and 64% of total coal in 2007, keeping its position of first exporter of natural gas, second exporter of crude oil and third exporter of coal in the world.

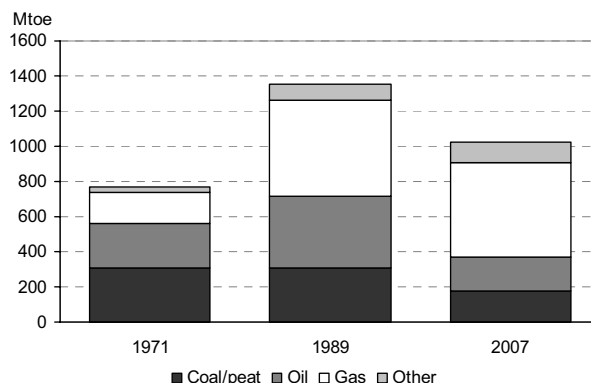
After the collapse of the early 1990's, the economies of the Former Soviet Union have been expanding at an average rate of 7% per year since 2000. In line with the GDP growth, energy production has increased by 4% and energy supply by 2%. The recent recovery in energy production is evident in Figure 26.

Figure 26: Energy production by fuel



In 2007, oil production increased more sharply outside the Russian Federation. Azerbaijan (7% of regional production) increased its production by about one third and Turkmenistan (2% of regional production) increased by 14%. The same is true for natural gas, with Azerbaijan increasing by two-thirds, Turkmenistan by 9% and Uzbekistan by 4%.

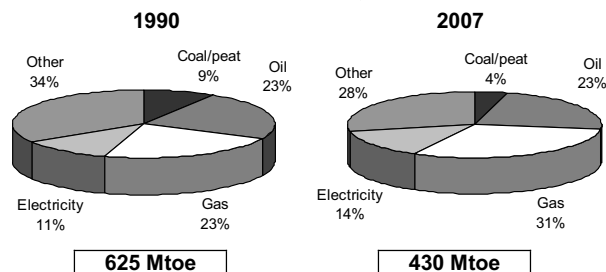
Figure 27: Total primary energy supply*



*excluding electricity trade.

Figure 27 shows that the share of natural gas dramatically increased (from 23% in 1971 to 53% in 2007), displacing oil (from 33% to 19%) and coal (from 38% to 18%), mainly – but not only – for electricity generation. In 2007, natural gas provided 43% of the power generation, coal 20%, and oil products just 2%. Nuclear and hydro together contributed for the remaining 35%.

Figure 28: The Russian Federation: total final consumption by fuel



The breakdown by sector is not available for all the countries of the Former Soviet Union. Figure 28 shows the penetration of gas in final consumption for the Russian Federation (31% in 2007), and the stable share of oil in time, driven by consumption in the transport sector.

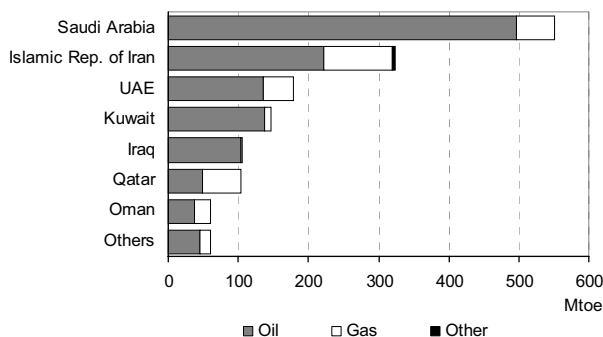
Even though recently the GDP has grown faster than the TPES, the Former Soviet Union remains the most energy intensive among all regions, with a TPES/GDP ratio more than twice as large as the world average.

Middle East

With a production almost three times as large as its supply, Middle East is the region with the highest self-sufficiency ratio in the world. In 2007, the region produced 13% of the global energy, 31% of global oil and 12% of global gas. However, while natural gas output continued its increasing trend (+9% in 2007), production of oil was slightly less than in 2006.

Figure 29 shows that Saudi Arabia is the largest oil producer in the region (40%), followed by Iran (18%), which is also the largest producer of natural gas, with one third of the regional production. Regional trends for 2007 were dominated by the decrease in the Saudi oil output (-4%), and by the increase in the output of gas in Iran (+12%) and in Qatar (+20%). Qatar has developed gas production at an average annual growth rate of 18% in the last ten years.

Figure 29: Energy production in 2007

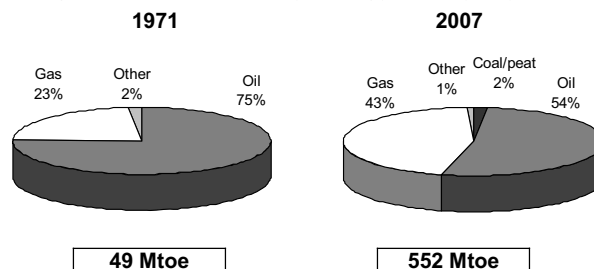


A key energy exporter, Middle East has also dramatically developed its energy demand. Over the period 1971-2007, TPES grew on average by 7% per year, faster than in any other region in the world. As shown in Figure 30, the supply is almost exclusively based on oil and gas. With time, gas has partly displaced oil, doubling its share between 1971 and 2007.

Key factors for the fast development of natural gas in Middle East are power generation and the petrochemical sector. While the share of oil in electricity

production shrank from 72% in 1971 to 35% in 2007, the share of gas increased from 15% to 57% in the same period. In 2007, gas provided 97% of the total electricity in Bahrain, 98% in the United Arab Emirates, and 100% in Qatar.

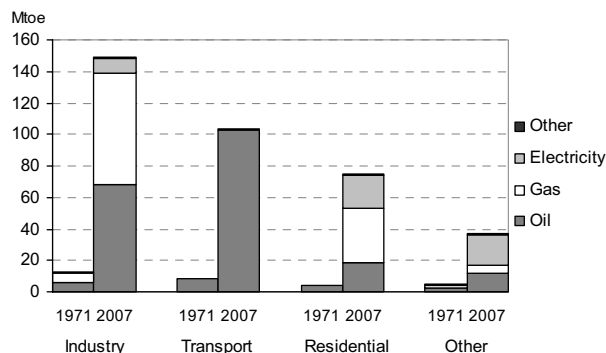
Figure 30: Total primary energy supply* by fuel



*excluding electricity trade.

Figure 31 illustrates the remarkable growth of consumption in the transport sector, completely relying on oil. Oil is responsible for 55% of total consumption in the region as a whole, 69% in Saudi Arabia, and up to 92% in Yemen. Electricity doubled its share in the final energy consumption (from 7% in 1971 to 14% in 2007).

Figure 31: Total final consumption by sector and fuel



Improving energy efficiency remains a key challenge for the region. The fast growth of supply compared to economic output pushed energy intensity upwards since the early 80's. With a 2007 ratio almost twice as large as the world average, Middle East was second only to the Former Soviet Union in terms of TPES/GDP.

1. DE LA QUALITE DES DONNEES

Méthodologie

Des efforts considérables ont été déployés pour veiller à ce que les données présentées dans cette publication correspondent aux définitions de l'AIE figurant dans la partie I.2, Notes explicatives. Ces définitions sont utilisées par la plupart des organisations internationales qui recueillent des statistiques sur l'énergie. Toutefois, les statistiques nationales sur l'énergie communiquées à ces organisations sont souvent fondées sur des critères et définitions qui diffèrent, parfois sensiblement, de ceux qu'elles emploient. On trouvera ci-après des informations sur les différences repérées par le Secrétariat de l'AIE et sur les ajustements qu'il a pu, le cas échéant, opérer pour faire correspondre les données aux définitions internationales. Les différences notoires relevées dans certains pays sont signalées dans la partie I.5, *Country notes and sources*. Les notes par pays indiquent seulement quelques-unes des différences les plus importantes et les plus évidentes constatées dans certains pays par rapport à la méthodologie de l'AIE, et ne constituent en aucun cas une liste exhaustive des différences et anomalies par pays.

Estimation

Outre les ajustements opérés pour compenser les différences de définition, des estimations se révèlent parfois nécessaires pour compléter certains agrégats importants pour lesquels il manque des statistiques essentielles. On en trouvera des exemples dans les notes plus détaillées proposées ci-dessous.

Le Secrétariat s'est attaché à fournir tous les éléments des bilans par produit jusqu'à la Consommation finale totale pour tous les pays et toutes les années. Il a fallu

pour cela indiquer les éléments de l'offre ainsi que les entrées de combustibles primaires et les sorties de combustibles secondaires correspondant aux principales activités de transformation telles que le raffinage du pétrole et la production d'électricité. Des estimations ont souvent dû être établies, après consultation d'offices statistiques nationaux, de compagnies pétrolières, de compagnies d'électricité et d'experts nationaux en matière d'énergie.

Le Secrétariat fournit également pour tous les pays et toutes les années des indicateurs énergétiques calculés à l'aide de données de PIB et de population. Lorsque ces données économiques n'étaient pas disponibles auprès de sources internationales officielles, le Secrétariat a utilisé les estimations fournies par la base de données CHELEM-CEPII (voir '*General references*' dans la partie I.5, '*Country notes and sources*', et '*Indicateurs*' dans la partie I.2, Notes explicatives).

Séries chronologiques et changements politiques

Les bilans énergétiques des républiques de l'ex-Union Soviétique et l'ex-Yougoslavie ont été établis à partir de 1990 et ne sont pas disponibles pour les années précédentes. Ces bilans ont été établis à l'aide de données officielles et, lorsque cela a été nécessaire, des estimations ont été effectuées à partir de données obtenues auprès de diverses industries et d'autres organisations internationales.

Les statistiques énergétiques de certains pays ont subi diverses modifications soit au niveau des données prises en compte soit de la méthodologie utilisée. En conséquence, certaines "ruptures de séries" apparaissent inévitables.

Le Secrétariat de l'AIE réexamine ses bases de données chaque année. A la lumière des nouvelles évaluations, d'importantes révisions sont apportées aux séries chronologiques des pays au cours de cet examen. En conséquence, certaines données de la présente publication ont été sensiblement révisées par rapport aux précédentes éditions. Veuillez vous référer aux notes relatives des différents pays.

Classification des utilisations des combustibles

Les sources statistiques nationales manquent souvent d'informations adéquates concernant la consommation de combustibles suivant les différentes catégories d'utilisations finales. Beaucoup de pays ne font pas d'enquêtes annuelles de la consommation de combustibles dans les principaux secteurs de l'économie, c'est pourquoi les données publiées sont fondées sur des enquêtes anciennes. La ventilation par secteurs de la consommation dans les différents pays doit donc être interprétée avec prudence.

Avant les réformes entreprises dans les années 1990, la classification sectorielle de la consommation de combustibles dans les économies en transition (d'Europe de l'Est et de l'ex-Union Soviétique) et en Chine était très différente de celle pratiquée dans les économies de marché. La consommation sectorielle était définie d'après la branche de l'économie à laquelle appartenait l'utilisateur du combustible et non d'après la vocation ou l'usage du combustible. Par exemple, la consommation d'essence des véhicules d'une entreprise appartenant au secteur de la sidérurgie faisait partie de la consommation industrielle d'essence du secteur de la sidérurgie. Les données ont été ajustées dans la mesure du possible pour correspondre aux classifications internationales : par exemple, la totalité de la consommation d'essence est supposée relever du secteur des transports et est reportée comme telle dans la présente publication. Cependant, il n'a pas été possible de reclasser tous les produits aussi facilement que l'essence et le carburacteur, et peu d'ajustements ont été opérés sur les autres produits.

Importations et exportations

Les importations et les exportations pour un produit donné peuvent ne pas correspondre à l'échelle du monde pour plusieurs raisons. La principale est que

les produits peuvent être classifiés différemment (par exemple le fioul lourd exporté reporté en tant que produits d'alimentation des raffineries importés, ou les liquides de gaz naturel exportés reportés en tant que GPL importé). D'autres explications portent sur les facteurs de conversion (qui peuvent diverger d'un pays à l'autre), l'inclusion des soutes maritimes internationales dans les exportations, les décalages de calendrier, le report des données sur la base de l'année fiscale au lieu de l'année calendaire pour certains pays et la sous-estimation des importations et des exportations pour raisons fiscales.

Problèmes particuliers par combustible

Charbon

Les données relatives à la consommation de charbon par secteur sont généralement indiquées en tonnes et le contenu calorifique des différentes qualités de charbon utilisées dans les divers secteurs d'utilisation finale n'est souvent pas connu. Dans ce cas, le Secrétariat procède à une estimation à partir du pouvoir calorifique connu du charbon dans le cas de la production, des importations et des exportations de charbon.

Pétrole

Le Secrétariat de l'AIE recueille des statistiques très complètes concernant l'offre et la consommation de pétrole, y compris l'autoconsommation des raffineries, les soutes maritimes et le pétrole utilisé en pétrochimie. Les statistiques nationales font rarement état de ces chiffres. La production indiquée de produits raffinés correspond souvent à la production nette, et non brute, des raffineries et la consommation de produits pétroliers se limite parfois aux ventes sur les marchés intérieurs et ne comprend pas les livraisons aux transports internationaux maritimes ou aériens. Le pétrole utilisé comme produit de base en pétrochimie dans des complexes intégrés de raffinage/pétrochimie n'est souvent pas comptabilisé dans les statistiques officielles disponibles.

Lorsque cela est possible, le Secrétariat procède, en consultation avec l'industrie pétrolière, à une estimation des données non communiquées. En l'absence de toute autre indication sur l'utilisation de combustibles par les raffineries, la consommation des raffineries a été estimée à environ 5% des entrées en raffinerie et divisée à parts égales entre le gaz de raffinerie et le fioul lourd.

Pour une description des ajustements apportés à la consommation sectorielle de produits pétroliers, se reporter au paragraphe ci-devant intitulé "Classification des utilisations des combustibles".

Gaz naturel

L'AIE définit la production de gaz naturel comme la production commercialisable, c'est-à-dire nette des pertes à l'extraction et des quantités brûlées à la torche, rejetées et réinjectées. De plus, le gaz naturel doit être constitué essentiellement de méthane, et les autres gaz tels que l'éthane et les hydrocarbures à chaîne plus longue doivent être comptabilisés dans la rubrique "pétrole".

Toutefois, les données directement disponibles sur le gaz naturel n'indiquent souvent pas le détail des pertes à l'extraction ainsi que des quantités brûlées à la torche, rejetées et réinjectées. Les données communiquées sont rarement accompagnées de définitions adéquates, c'est pourquoi il est difficile, voire impossible, d'identifier le gaz aux différents stades de sa séparation en gaz sec (méthane) et en fractions plus lourdes dans les installations de séparation.

Les statistiques concernant l'offre et la demande de gaz naturel sont généralement exprimées en unités de volume et il est difficile d'obtenir des données précises sur le pouvoir calorifique du gaz. Lorsque ce chiffre n'est pas connu, un pouvoir calorifique supérieur de 38 TJ/million de m³ a été appliqué.

Signalons par ailleurs qu'il est souvent difficile d'obtenir des données fiables sur la ventilation de la consommation de gaz naturel. Cette constatation s'applique tout particulièrement à certains des plus grands pays consommateurs de gaz naturel du Moyen-Orient. Pour cette raison, la consommation industrielle de gaz naturel de ces pays n'est souvent pas indiquée dans les données figurant dans la présente publication.

Electricité

Comme l'indiquent les Notes explicatives (partie I.2), on appelle auto-producteur d'électricité une entreprise qui, en plus de ses activités principales, produit de l'énergie électrique destinée en totalité ou en partie à couvrir ses besoins propres. Les pays non membres de l'OCDE disposent rarement de données répondant à cette définition. Pour ces pays, les entrées de combustibles correspondant à l'autoproduction d'électricité sont indiquées dans la rubrique utilisation finale industrielle.

Lorsqu'il existe des statistiques concernant la production d'électricité à partir d'énergies Renouvelables Combustibles et de Déchets, elles apparaissent dans la colonne correspondante. Ces données ne sont pas complètes : par exemple, l'électricité produite à partir des déchets végétaux des sucreries n'est généralement pas indiquée.

Les entrées de combustibles utilisés pour produire de l'électricité sont estimées (lorsqu'elles ne sont pas communiquées) à l'aide de données sur la production d'électricité, le rendement énergétique et le type d'installation de production.

Chaleur

Les économies en transition (d'Europe de l'Est et de l'ex-Union Soviétique) et la Chine utilisaient, s'agissant de la chaleur, une méthodologie qui les démarquait des pratiques communément adoptées dans les économies de marché. Cette méthodologie consistait à comptabiliser la transformation par l'industrie de combustibles primaires (charbon, pétrole et gaz) en chaleur destinée à la *consommation sur place* dans l'activité de transformation Production de chaleur et **non** dans la consommation industrielle, comme le prévoit la méthodologie de l'AIE¹. La production de chaleur était ensuite répartie entre les différents secteurs d'utilisation finale. Les pertes survenant pendant la transformation des combustibles en chaleur par l'industrie n'étaient pas comptabilisées dans la consommation industrielle finale.

Bien que plusieurs pays aient récemment adopté la pratique des organisations internationales, cette différence non négligeable limite la validité des comparaisons entre les pays en transition et les économies de marché pour ce qui est de la consommation finale par secteur.

Energies renouvelables combustibles et déchets

L'AIE publie les données de production et d'approvisionnement intérieur en énergies renouvelables combustibles et en déchets de tous les pays non membres de l'OCDE et toutes les régions pour les années.

1. Pour les autoproducteurs, la méthodologie internationale ne comptabilise la chaleur dans le secteur de transformation que dans la mesure où elle est vendue à des tiers. Voir la définition dans la partie I.2.

Ces données proviennent souvent de sources secondaires, elles ne sont pas harmonisées et leur qualité peut être douteuse, ce qui rend difficile les comparaisons entre les pays. Les données historiques de nombreux pays proviennent d'enquêtes souvent irrégulières, non harmonisées et menées à un niveau local plutôt que national. Elles ne sont donc pas comparables entre régions ni dans le temps.

Lorsque des séries chronologiques étaient incomplètes ou non disponibles, le Secrétariat a procédé à l'estimation des données selon une méthodologie compatible avec celle utilisée dans l'édition 1998 de la publication, *World Energy Outlook* de l'AIE. Premièrement, l'approvisionnement intérieur par habitant de biomasse et de déchets a été calculé ou estimé pour 1995. Deuxièmement, l'approvisionnement par habitant a été estimé pour les années 1971 à 1994 en utilisant une équation log/log avec comme variable exogène soit le PIB par habitant, soit le taux d'urbanisation, selon la région. Troisièmement, l'approvisionnement total de biomasse et de déchets pour l'année 1996 a été estimé en supposant un taux de croissance soit constant, soit égal à la croissance de la population, soit conforme à l'estimation sur la période 1971-1994. Cependant, ces séries historiques estimées doivent être considérées avec prudence.

Le tableau ci-dessous fournit des indications sommaires sur la qualité des données et la méthode d'estimation par région.

| Région | Principales sources de données | Qualité des données | Variable exogène |
|---------------------|-----------------------------------|---------------------|-------------------------------------|
| Afrique | base de données FAO et BAfD | faible | taux de croissance de la population |
| Amérique latine | nationales et OLADE | élevée | aucune |
| Asie | enquêtes | élevée à faible | taux de croissance de la population |
| Europe non-OCDE | questionnaires et FAO | élevée à moyenne | aucune |
| ex-Union Soviétique | Questionnaires, nationales et FAO | élevée à moyenne | aucune |
| Moyen-Orient | FAO | moyenne à faible | aucune |

Tous les éléments des bilans jusqu'à la consommation par usage ont été compilés par produit ou catégorie de produits pour tous les pays.

Les énergies renouvelables combustibles et les déchets sont présentés dans un format identique à celui du bilan énergétique des énergies fossiles et renouvelables non combustibles pour les années 2006 et 2007. Les valeurs confirment l'importance des énergies d'origine végétale dans le secteur énergétique de nombreux pays en voie de développement.

L'AIE espère que l'inclusion de ces données va encourager les administrations et les autres agences spécialisées à améliorer la qualité et étendre la couverture de la collecte des données. Plus de détails sur la méthode suivie par pays peuvent être obtenus sur demande, et les commentaires sont bienvenus.

2. NOTES EXPLICATIVES

Unité

La méthodologie employée par l'AIE pour établir les bilans énergétiques repose sur le pouvoir calorifique des produits énergétiques et sur une unité commune. Cette unité adoptée par l'AIE est la tonne d'équivalent pétrole (tep) définie comme étant égale à 10^7 kilocalories (41,868 gigajoules). Cette quantité d'énergie est équivalente, à quelques points de pourcentage près, au pouvoir calorifique inférieur d'une tonne de pétrole brut. Tout au long de cette publication, une tonne signifie une tonne métrique, soit 1000 kg.

Conversion (des unités d'origine en tep)

La conversion de l'unité d'origine en tonnes d'équivalent pétrole suppose le choix de coefficients d'équivalence entre les différentes formes et sources d'énergie. Il existe de nombreuses solutions à ce problème. On pourrait notamment adopter une seule équivalence pour chaque grande source d'énergie primaire dans tous les pays, par exemple 29 307 kJ/kg (7 000 kcal/kg) pour la houille, 41 868 kJ/kg (10 000 kcal/kg) pour le pétrole, etc.

La principale objection que l'on peut opposer à cette méthode est qu'elle aboutit à des distorsions, car il existe de grandes différences entre les pouvoirs calorifiques des diverses catégories de charbon et de produits dérivés du charbon, ainsi qu'entre les pouvoirs calorifiques de ces combustibles selon les pays. Le Secrétariat a donc adopté les coefficients spécifiques communiqués par les administrations nationales pour les principales catégories de chaque qualité de charbon et pour chaque flux ou utilisation (c'est-à-dire la production, les importations, les exportations, la

production d'électricité, les cokeries, les hauts fourneaux et l'industrie).

Dans le cas du pétrole brut, les coefficients spécifiques utilisés pour la production, les importations et les exportations ont fait l'objet de consultations avec les experts des administrations nationales. Jusqu'à l'année dernière, les données sur les produits pétroliers étaient converties en utilisant, pour la quasi-totalité des pays, un seul ensemble de coefficients de conversion. L'année dernière, l'AIE a décidé d'utiliser des facteurs de conversion spécifiques à chaque région (conjointement avec Eurostat pour les pays européens) pour les produits pétroliers. Les valeurs qui étaient spécifiques pour pays ont été gardées.

Les données relatives au gaz figurant dans la publication *Statistiques de l'énergie des pays non membres* sont exprimées en térajoules et fondées sur le **pouvoir calorifique supérieur**. Les données concernant les *énergies renouvelables combustibles et les déchets* sont fournies en térajoules et fondées sur le **pouvoir calorifique inférieur**. Voir également la section 3, Unités et coefficients de conversion.

Les bilans sont exprimés en pouvoir calorifique inférieur (PCI). Pour chaque combustible, la différence entre le pouvoir calorifique inférieur et le pouvoir calorifique supérieur correspond à la chaleur latente de vaporisation de la vapeur d'eau produite pendant la combustion. Pour le charbon et le pétrole, le pouvoir calorifique inférieur représente environ 5% de moins que le pouvoir calorifique supérieur et, pour la plupart des types de gaz naturel ou manufacturé, la différence est de 9 - 10%, tandis que, pour l'électricité et la chaleur, il n'y a pas de différence, la notion correspondante n'ayant alors aucune signification. L'emploi du pouvoir calorifique inférieur est conforme à la pratique des Bureaux de statistiques des Communautés Européennes et des Nations Unies.

Les données relatives à l'électricité sont fournies initialement en gigawattheures et sont converties en

millions de tonnes d'équivalent pétrole au moyen de la relation suivante : 1 térawattheure = 0,086 Mtep.

Conventions sur l'énergie primaire

La construction d'un bilan énergétique nécessite l'adoption de conventions sur l'énergie primaire relatives à plusieurs sources d'énergie, et notamment à l'énergie nucléaire, géothermique, solaire, hydraulique, éolienne, etc. Les deux types d'hypothèses qui doivent être posées sont décrits ci-après :

Le choix de la forme d'énergie primaire

Pour chacune des sources d'énergie, il convient de définir la forme d'énergie primaire à prendre en compte; par exemple dans le cas de l'énergie hydraulique, le choix doit être fait entre l'énergie cinétique de la chute d'eau et l'électricité produite. Dans le cas de l'énergie nucléaire, le choix est entre le contenu énergétique du combustible nucléaire, la chaleur produite dans les réacteurs et l'électricité produite. Dans le cas de l'électricité photovoltaïque, le choix est entre le rayonnement solaire capté et l'électricité produite.

Le principe adopté par l'AIE est que la forme d'énergie primaire à prendre en compte doit être la première forme d'énergie rencontrée au cours du processus de production pour laquelle il existe plusieurs usages énergétiques possibles. L'application de ce principe conduit au choix des formes d'énergie primaire suivantes :

- **la chaleur** pour le nucléaire, la géothermie et le solaire thermique;
- l'électricité pour l'hydraulique, l'éolien, l'énergie des marées, des vagues et des courants marins, ainsi que pour le photovoltaïque.

Le calcul du contenu en énergie primaire

Il existe essentiellement deux méthodes de calcul de l'équivalence de l'énergie primaire des sources d'énergie citées plus haut : la méthode de la substitution partielle et celle du contenu énergétique.

La méthode de la substitution partielle : Dans cette méthode, l'équivalent énergétique primaire des sources de production d'électricité mentionnée ci-dessus est représenté par la quantité d'énergie qui serait nécessaire pour produire la même quantité d'électricité dans une centrale thermique classique. L'équivalent énergétique primaire est calculé sur la

base du rendement de conversion moyen de ce type de centrale. Parmi les limitations inhérentes à cette méthode, il convient de citer la difficulté de choisir un rendement de conversion approprié et l'inadaptation de cette méthode dite de la substitution partielle aux pays dont la production d'électricité provient pour une large part de l'hydraulique. Pour ces raisons, l'AIE, à l'instar de la plupart des organisations internationales, n'utilise plus cette méthode et a adopté celle du contenu énergétique.

La méthode du contenu énergétique : Cette méthode utilise comme coefficient d'équivalence énergétique primaire le contenu énergétique de la source d'énergie primaire considérée. En conséquence, il existe une relation évidente entre les principes adoptés pour définir les formes primaires des sources d'énergie considérées et l'équivalent énergétique primaire.

Par exemple, dans le cas de la production électronucléaire, la chaleur étant la forme primaire d'énergie retenue par l'AIE, l'équivalent énergétique primaire est la quantité de chaleur produite dans les réacteurs. Néanmoins, comme on ne connaît pas toujours la quantité de chaleur ainsi produite, l'AIE estime l'équivalent énergétique primaire à la production d'électricité en tablant sur un rendement de 33%, qui représente la moyenne pour les centrales nucléaires en Europe.

Dans le cas de l'hydroélectricité et l'énergie photovoltaïque, étant donné que la forme primaire d'énergie retenue est l'électricité, l'équivalent énergétique primaire est le contenu énergétique de l'électricité produite à la centrale, ce qui revient à prendre pour hypothèse un rendement de conversion de 100 %. Une présentation plus détaillée des hypothèses utilisées par l'AIE pour la construction de ces bilans énergétiques est donnée en section 2.

Pour l'énergie d'origine géothermique (si aucune information spécifique pour un pays n'est disponible), l'énergie primaire est calculée de la manière suivante :

- 10 % pour l'électricité géothermique ;
- 50 % pour la chaleur géothermique.

En raison des différences significatives de traitement de l'électricité d'origine solaire, hydraulique, éolienne, etc. dans ces deux types de bilans énergétiques, la part des énergies renouvelables dans le total des approvisionnements en énergie différera sensiblement selon la méthode utilisée. Il est par conséquent essentiel de connaître les conventions sous-jacentes au calcul des bilans énergétiques primaire pour analyser la répartition en pourcentages des diverses sources d'énergie dans l'approvisionnement total.

Présentation

Les bilans énergétiques sont présentés sous forme de tableaux avec, en colonnes, les diverses sources d'énergie, et en lignes, les différentes origines et utilisations.

Colonnes

En haut du tableau, et de gauche à droite, on trouve onze colonnes avec les titres suivants :

Colonne 1 : Charbon - Comprend tous les charbons et charbons sous-bitumineux (y compris la houille et le lignite) et les produits dérivés (y compris les agglomérés, le coke de cokerie, le coke de gaz, les briquettes de lignite, le gaz de cokerie, le gaz de haut fourneau et le gaz de convertisseur à oxygène ou gaz LD). La tourbe entre également dans cette catégorie.

Colonne 2 : Pétrole brut - Comprend le pétrole brut, les liquides de gaz naturel (LGN), les produits d'alimentation des raffineries et les additifs ainsi que les autres hydrocarbures (y compris les huiles émulsionnées, le pétrole brut synthétique, les huiles minérales extraites des roches bitumineuses telles que schistes, sables asphaltiques, etc. ainsi que les huiles issues de de la liquéfaction du charbon et du gaz).

Colonne 3 : Produits pétroliers - Comprennent les gaz de raffineries, l'éthane, les gaz de pétrole liquéfiés (GPL), l'essence aviation, l'essence moteur, les carburateurs, le kérosène, le gazole/carburant diesel, le fioul lourd, les naphthas, le white spirit, les lubrifiants, le bitume, les paraffines, le coke de pétrole et autres produits pétroliers.

Colonne 4 : Gaz - Comprend le gaz naturel (à l'exception des LGN) et le gaz d'usine à gaz. Ce dernier est comptabilisé dans le tableau, affecté d'un signe positif, à la ligne "usines à gaz", mais il n'entre pas dans la production.

Colonne 5 : Nucléaire - Indique l'équivalent en énergie primaire de l'électricité produite par les centrales nucléaires, sur la base d'un rendement thermique moyen de 33%.

Colonne 6 : Hydraulique - Indique le contenu énergétique de l'électricité produite par les centrales hydroélectriques. La production hydraulique *ne comprend pas* la production des centrales à accumulation par pompage (également appelées centrale de pompage).

Colonne 7 : Géothermique, solaire, etc. - Indique la production d'énergies géothermique, solaire et éolienne, ainsi que d'énergie de marées, des vagues ou

des courants marins, de même que l'utilisation de ces formes d'énergie pour produire de l'électricité et de la chaleur. Sauf dans les cas où le rendement de conversion effectif du procédé géothermique est connu, la quantité d'énergie géothermique employée pour la production d'électricité est estimée en fonction de la production d'électricité des centrales géothermiques, en tablant sur l'hypothèse d'un rendement de conversion moyen de 10%. Pour l'énergie solaire, ainsi que l'énergie des marées/vagues/courants marins, les quantités utilisées pour la production d'électricité sont égales à celles d'énergie électrique produite. Les autres consommations dans cette colonne représentent la chaleur géothermique et solaire thermique.

Colonne 8 : Energies renouvelables combustibles et déchets - Comprend la biomasse solide le biogaz et les liquides tirés de la biomasse, les déchets industriels ainsi que les déchets urbains et assimilés. La biomasse est, par définition, toute matière végétale utilisée directement comme combustible, ou bien transformée en combustibles (par exemple charbon de bois) ou en électricité et/ou chaleur. Cette définition recouvre le bois, les résidus végétaux (y compris les déchets de bois et les cultures destinées à la production d'énergie), l'éthanol, les matières/déchets d'origine animale et les lessives sulfiteuses (également désignées par le terme "liqueur noire" : il s'agit de la liqueur alcaline issue des digesteurs lors de la production de pâte au sulfate ou à la soude dans la fabrication de la pâte à papier, dont le contenu énergétique provient de la lignine extraite de la pâte chimique, généralement solide à 65-70% sous forme concentrée). Les déchets urbains et assimilés correspondent aux déchets des secteurs résidentiel, commercial et des services publics, collectés par les autorités municipales pour élimination dans une installation centralisée et pour la production de chaleur et/ou d'électricité. Les déchets hospitaliers entrent dans cette catégorie.

Les données figurant sous ce titre sont souvent fondées sur informations incomplètes. Ainsi, elles ne fournissent qu'une indication générale des évolutions et ne sont pas strictement comparables d'un pays à l'autre. Dans certains cas, des catégories entières de combustibles végétaux sont omises faute d'information. Il est donc conseillé de consulter les données par pays lors de l'utilisation des agrégats régionaux.

Colonne 9 : Electricité - Indique la consommation finale et les échanges d'électricité (calculés sur la base du même pouvoir calorifique que l'électricité à la consommation finale, à savoir 1 GWh = 0,000086 Mtep).

Colonne 10 : Chaleur - Indique les quantités de chaleur produites pour la vente. La majeure partie de la chaleur figurant dans cette colonne provient de la combustion de combustibles, encore que de faibles quantités soient produites par des pompes à chaleur et des chaudières électriques. La chaleur extraite de l'air ambiant par les pompes à chaleur entre dans la production nationale.

Colonne 11 : Total = total des colonnes 1 à 10.

Lignes

Les catégories figurant sur la partie gauche du tableau sont utilisées de la manière suivante :

Ligne 1 : La ligne *Production* concerne la production d'énergie primaire, autrement dit houille, lignite, charbon sous-bitumineux, tourbe, pétrole brut, LGN, gaz naturel, énergies renouvelables combustibles et déchets, énergies nucléaire, hydraulique, géothermique et solaire, ainsi que la chaleur extraite du milieu ambiant par les pompes à chaleur. La production est calculée après élimination des impuretés (par exemple, élimination du soufre contenu dans le gaz naturel). Le mode de calcul de la production d'énergie hydraulique, géothermique, etc., et de la production électro nucléaire est expliqué dans la section 3, Unités et coefficients de conversion.

Lignes 2 et 3 : *Importations et exportations* représentent les quantités ayant franchi les limites territoriales du pays, que le dédouanement ait été effectué ou non.

Pour le charbon : Les *importations et exportations* comprennent les quantités de combustibles obtenues d'autres pays ou fournies à d'autres pays, qu'il existe ou non une union économique ou douanière entre les pays en question. Le charbon en transit n'est pas pris en compte.

Pour le pétrole et le gaz : Cette rubrique comprend les quantités de pétrole brut et de produits pétroliers importés ou exportés au titre d'accords de traitement (à savoir, raffinage à façon). Les quantités de pétrole en transit ne sont pas prises en compte. Le pétrole brut, les LGN et le gaz naturel sont indiqués comme provenant de leur pays d'origine. Pour les produits d'alimentation des raffineries et les produits pétroliers, en revanche, c'est le dernier pays de provenance qui est pris en compte. Les réexportations de pétrole importé pour raffinage en zone franche sont comptabilisées comme des exportations de produits raffinés du pays où le traitement est effectué vers leur destination finale.

Pour l'électricité : Les quantités sont considérées comme importées ou exportées lorsqu'elles ont franchi

les limites territoriales du pays. Si l'électricité transite par un pays, les quantités concernées sont prises en compte à la fois dans les importations et les exportations.

Ligne 4 : Les *soutes maritimes internationales* correspondent aux quantités fournies aux navires engagés dans la navigation internationale. La navigation internationale peut intervenir en mer, sur des lacs et des cours d'eau, ainsi que dans les eaux côtières. La consommation des navires engagés dans la navigation intérieure n'est pas prise en compte. La différenciation entre navigation intérieure et internationale est fonction du port de départ et du port d'arrivée, et non du pavillon ou de la nationalité du navire. La consommation des navires de pêche et des forces militaires n'est pas prise en compte non plus. Voir les définitions des secteurs de la *navigation intérieure* (ligne 40), de la *pêche* (ligne 46) et des « *autres secteurs* » non spécifiés (ligne 47).

Ligne 5 : Les *soutes aériennes internationales* correspondent aux livraisons de carburants aviation pour les avions utilisés dans l'aviation internationale. Les carburants utilisés par les compagnies aériennes pour leurs véhicules routiers ne sont pas pris en considération. La différenciation entre aviation intérieure et internationale devrait être établie en fonction des aéroports de départ et d'arrivée, et non de la nationalité de la compagnie aérienne. Pour nombre de pays, cette rubrique ne comptabilise pas, à tort, les quantités de carburant utilisées par des transporteurs nationaux pour leurs vols internationaux.

Note : En octobre 2008 s'est tenue à l'AIE la troisième réunion InterEnerStat. Ce groupe se compose de 24 organisations internationales qui collectent et utilisent des statistiques sur l'énergie. L'un des objectifs de ce groupe est d'améliorer la qualité des données sur l'énergie en harmonisant les définitions des sources et des flux d'énergie. A la suite de cette réunion, l'AIE a décidé d'aligner ses statistiques et ses bilans énergétiques sur la plupart des autres organisations internationales et de traiter les soutes aériennes internationales comme les soutes maritimes internationales. A partir de cette édition, les soutes aériennes internationales ne sont plus comptabilisées dans le secteur des transports au niveau du pays. Elles sont déduites de l'approvisionnement de la même manière que les soutes maritimes internationales.

Ligne 6 : La rubrique intitulée *variations des stocks* exprime la différence enregistrée entre le premier jour et le dernier jour de l'année dans le niveau des stocks détenus sur le territoire national par les producteurs, les importateurs, les entreprises de transformation de

l'énergie et les gros consommateurs. Une augmentation des stocks est indiquée par un chiffre affecté d'un signe négatif, tandis qu'une diminution apparaît sous la forme d'un chiffre positif.

Ligne 7 : Les approvisionnements totaux en énergie primaire (ATEP) correspondent à la production (ligne 1) + importations (ligne 2) - exportations (ligne 3) - routes maritimes internationales (ligne 4) - routes aériennes internationales (ligne 5) ± variations des stocks (ligne 6).

Ligne 8 : Les transferts couvrent aussi bien le passage d'un produit d'une catégorie à une autre, le transfert matériel d'un produit et les produits recyclés (par exemple, les lubrifiants usés qui sont retraités).

Ligne 9 : Les écarts statistiques correspondent à la somme des écarts statistiques inexpliqués pour les différents combustibles, tels qu'ils apparaissent dans les statistiques de base de l'énergie. Cette rubrique comprend également les écarts statistiques qui proviennent de l'utilisation de coefficients de conversion différents dans les colonnes du charbon et du pétrole. Pour plus de détails, se reporter à l'introduction du document intitulé *Statistiques de l'énergie des pays non membres*.

Ligne 10 : Cette rubrique intitulée *centrales électriques* désigne les centrales conçues pour produire uniquement de l'électricité. Si la centrale compte une unité ou plus de cogénération (et que l'on ne peut pas comptabiliser séparément, sur une base unitaire, les combustibles utilisés et la production), elle est considérée comme une centrale de cogénération. Tant les centrales (auparavant qualifiées de publiques) dont la production concernée constitue l'activité principale¹ que les installations des autoproducteurs² entrent dans cette rubrique. Les colonnes 1 à 8 indiquent les quantités de combustibles primaires et secondaires utilisés pour la production d'électricité, les chiffres correspondants étant affectés d'un signe négatif. La chaleur de procédés chimiques utilisée pour la génération de l'électricité est indiquée dans la colonne 10. La production brute d'électricité (qui tient compte de la consommation propre des centrales) figure dans la

colonne de l'électricité, affectée d'un signe positif. Les pertes de transformation sont indiquées dans la colonne du total, et sont affectées d'un signe négatif.

Ligne 11 : La rubrique *centrales de cogénération chaleur/électricité* désigne les centrales conçues pour produire de la chaleur et de l'électricité, parfois appelées centrales combinées. Dans la mesure du possible, les consommations de combustibles et les productions de chaleur/électricité doivent être exprimées sur la base des unités plutôt que des centrales. Cependant, à défaut de données disponibles exprimées sur une base unitaire, il convient d'adopter la convention indiquée ci-dessus pour la définition d'une centrale de cogénération. Tant les centrales des producteurs dont la production est l'activité principale (auparavant, centrales publiques) que les installations des autoproducteurs entrent dans cette rubrique. *On notera que, dans le cas des installations de cogénération chaleur/électricité des auto-producteurs, sont comptabilisés tous les combustibles utilisés pour la production d'électricité, tandis que seule la partie des combustibles utilisés pour la production de chaleur vendue est indiquée. Les combustibles utilisés pour la production de la chaleur destinée à la consommation interne des autoproducteurs ne sont pas comptabilisés dans cette rubrique mais dans les données concernant la consommation finale de combustibles du secteur de consommation approprié.*

Les colonnes 1 à 8 indiquent les quantités de combustibles primaires et secondaires utilisés pour la production d'électricité et de chaleur ; ces chiffres sont affectés d'un signe négatif. La production brute d'électricité figure dans la colonne de l'électricité, affectée d'un signe positif, et la production de chaleur apparaît dans la colonne de la chaleur, également affectée d'un signe positif. Les pertes de transformation sont indiquées dans la colonne du total, affectées d'un signe négatif.

Ligne 12 : La rubrique *centrales calogènes* désigne les installations (pompes à chaleur et chaudières électriques comprises) conçues pour produire uniquement de la chaleur et qui en vendent à des tiers selon les termes d'un contrat. Cette rubrique comprend aussi bien les centrales des producteurs dont la production est l'activité principale (auparavant centrale publiques) que les installations des autoproducteurs.

Les colonnes 1 à 8 indiquent les quantités de combustibles primaires et secondaires utilisés par les systèmes de chauffage qui transportent la chaleur, produite à partir d'une ou de plusieurs sources d'énergie, et qui la distribuent à des consommateurs résidentiels,

1. Les producteurs dont la production est l'activité principale (auparavant appelés entreprises de service public) produisent de l'électricité et/ou de la chaleur pour la vente à des tiers. Elles peuvent appartenir au secteur privé ou public. Il convient de noter que les ventes ne se font pas nécessairement par l'intermédiaire du réseau public.

2. L'autoproduction désigne les installations qui produisent de l'électricité et/ou de la chaleur, en totalité ou en partie pour leur consommation propre, en tant qu'activité qui contribue à leur activité principale. Elles peuvent appartenir au secteur privé ou public.

industriels et commerciaux, entre autres, pour le chauffage des locaux, la cuisson des aliments, la production d'eau chaude et les procédés industriels.

Ligne 13 : La production de gaz dans des usines à gaz est traitée de la même manière que la production d'électricité : les quantités produites figurent, affectées d'un signe positif dans la colonne du gaz naturel, les quantités utilisées figurent, affectées d'un signe négatif dans les colonnes du charbon, des produits pétroliers et du gaz naturel, et les pertes de transformation apparaissent dans la colonne du total.

Ligne 14 : La ligne raffineries de pétrole indique les quantités d'énergie primaire utilisées pour l'élaboration de produits pétroliers finis et la production des produits pétroliers. Le total tient compte des pertes de transformation. Dans certains cas les données dans la colonne total sont des nombres positifs. Cela peut être dû soit à des incohérences du bilan primaire de raffinage, soit au fait que l'AIE utilise des pouvoirs calorifiques inférieurs normalisés pour les produits pétroliers.

Ligne 15 : La transformation du charbon comprend les pertes liées à la transformation du charbon pour passer du combustible primaire à un combustible secondaire et d'un combustible secondaire à un combustible tertiaire (transformation de la houille en coke, du coke en gaz de haut fourneau, du lignite en briquettes de lignite, etc.). Il est souvent difficile de prendre en compte correctement l'ensemble des entrées et des sorties des industries de transformation de l'énergie, et de faire la distinction entre énergie transformée et énergie brûlée. Par conséquent, dans certains cas, les données dans la colonne du total sont des chiffres positifs, ce qui laisse supposer qu'il existe un problème dans les données.

Ligne 16 : La ligne unités de liquéfaction comprend divers procédés de liquéfaction, notamment ceux qui sont mis en œuvre dans les usines de liquéfaction du charbon et dans les installations de conversion de gaz en hydrocarbures liquides (GTL), comme, par exemple, la liquéfaction du charbon et du gaz naturel en hydrocarbure en Afrique du Sud.

Ligne 17 : La ligne autres transformations comprend les transformations non spécifiées ailleurs, telles que la transformation de la biomasse solide en charbon de bois et le mélange d'autres gaz avec le gaz naturel. Elle comprend aussi les retours de l'industrie pétrochimique. Il convient de noter que les retours en raffinerie des produits pétroliers utilisés à des fins non énergétiques (notamment, white spirit et lubrifiants)

ne sont pas inclus sous cette rubrique, mais sous celle des utilisations non énergétiques.

Ligne 18 : La ligne consommation propre indique la consommation d'énergie primaire et secondaire des industries de transformation pour le chauffage, le pompage, la traction et l'éclairage [Divisions 10-12, 23 et 40 de la CITI³], ces chiffres étant affectés d'un signe négatif. Cette rubrique comprend, par exemple, la consommation propre d'énergie des mines de charbon, celle des centrales électriques (y compris la quantité nette d'électricité consommée par les centrales de pompage) et l'énergie employée pour l'extraction du pétrole et du gaz.

Ligne 19 : Les pertes de distribution et de transport comprennent les pertes dans la distribution du gaz ainsi que les pertes dans le transport de l'électricité et du charbon.

Ligne 20 : La ligne consommation finale totale (CFT) donne la somme des consommations des différents secteurs d'utilisation finale. Les retours de l'industrie pétrochimique ne sont pas comptabilisés dans la consommation finale (voir ligne 16, autres transformations et ligne 50, dont : produits d'alimentation de l'industrie pétrochimique).

Lignes 21 à 34 : La consommation du secteur industrie est répartie entre les sous-secteurs suivants (l'énergie utilisée par l'industrie pour les transports n'est pas prise en compte ici mais figure dans la rubrique transports) :

Industrie sidérurgique [Groupe 271 et Classe 2731 de la CITI] ;

Industrie chimique et pétrochimique [Division 24 de la CITI] à l'exclusion des produits d'alimentation de la pétrochimie. Avant l'année dernière, les produits d'alimentation de l'industrie pétrochimique étaient comptabilisés avec la consommation d'énergie du secteur industrie : depuis l'année dernière, ils le sont avec les utilisations non énergétiques ;

Industries de base des métaux non ferreux [Groupe 272 et Classe 2732 de la CITI] ;

Produits minéraux non métalliques tels que verre, céramiques, ciment, etc. [Division 26 de la CITI] ;

Matériel de transport [Divisions 34 et 35 de la CITI] ;

3. Classification internationale type par industries de toutes les branches d'activité économique, Série M, N° 4 / Rév. 3, Nations Unies, New York, 1990.

Construction mécanique. Ouvrages en métaux, machines et matériels autres que le matériel de transport [Divisions 28 à 32 de la CITI] ;

Industries extractives (à l'exclusion de l'extraction de combustibles) [Divisions 13 et 14 de la CITI] ;

Industrie alimentaire et tabacs [Divisions 15 et 16 de la CITI] ;

Papier, pâte à papier et imprimerie [Divisions 21 et 22 de la CITI] ;

Bois et produits dérivés (sauf pâtes et papiers) [Division 20 de la CITI] ;

Construction [Division 45 de la CITI] ;

Textiles et cuir [Division 17 à 19 de la CITI] ;

Non spécifiés (tout autre secteur industriel non spécifié précédemment) [Division 25, 33, 36 et 37 de la CITI].

Note : La plupart des pays éprouvent des difficultés à fournir une ventilation par branche d'activité pour tous les combustibles. Dans ces cas, la rubrique *non spécifiés* a été utilisée. *Les agrégats régionaux de la consommation industrielle doivent donc être employés avec précaution.*

Lignes 35 à 41 : Le secteur *transports* regroupe tous les carburants utilisés pour les transports [Divisions 60 à 62 de la CITI], à l'exception des soutes maritimes internationales et des soutes aériennes internationales. Il englobe les transports dans le secteur industriel et couvre *l'aviation intérieure, le transport routier, le transport ferroviaire, le transport par conduites, la navigation intérieure* et les *transports non spécifiés*. L'aviation intérieure recouvre les livraisons de carburants aviation pour les aéronefs utilisés dans l'aviation intérieure - commerciale, privée, agricole, etc. Elle comprend également les quantités utilisées à des fins autres que le vol proprement dit, par exemple, l'essai de moteurs au banc, mais non le carburant utilisé par les compagnies aériennes pour le transport routier. La différenciation entre aviation intérieure et internationale devrait être établie en fonction des aéroports de départ et d'arrivée, et non de la nationalité de la compagnie aérienne. On notera qu'il peut entrer dans cette rubrique des parcours d'une longueur considérable entre deux aéroports d'un même pays (par exemple de San Francisco à Honolulu). Pour nombre de pays, la ventilation entre aviation internationale et aviation intérieure impute, à tort, à l'aviation intérieure la consommation de carburants pour les vols intérieurs et internationaux des transporteurs nationaux. Le carburant utilisé pour les pêches hauturière, côtière et continentale (prise en compte dans le secteur de la pêche) ainsi que pour des activités militaires (prise en compte

dans *autres secteurs non spécifiés*) sont exclus du secteur transports.

Lignes 42 à 47 : La rubrique *autres secteurs* couvre les secteurs *résidentiel, commercial et services publics* [Divisions 41, 50-52, 55, 63-67, 70-75, 80, 85, 90-93, 95 et 99 de la CITI], de *l'agriculture/sylviculture* [Divisions 01 et 02 de la CITI], de *la pêche* [Division 05 de la CITI], ainsi que les *consommations non spécifiées*. Il est comptabilisé dans *consommations non spécifiées* la consommation de combustibles ou carburants dans les activités militaires, qu'il s'agisse d'usages mobiles ou stationnaires (par exemple navires, aéronefs, véhicules routiers, énergie consommée dans les quartiers), que les combustibles ou carburants fournis soient destinés à des usages militaires du pays même ou d'un autre pays. Cependant, l'information sur la consommation relative aux activités militaires n'est pas disponible pour la majorité des pays non OCDE. Dans bien des cas, les administrations n'arrivent pas à faire la ventilation de la consommation d'énergie entre le secteur *commercial/services publics* et le secteur *résidentiel*. D'autres administrations ne peuvent pas ventiler les consommations des secteurs *agriculture* et *résidentiel*. Dans ces cas, le secteur *résidentiel* comprend également la consommation dans *l'agriculture* et/ou celle du secteur *commercial/services publics*. Le total de la ligne *autres secteurs* est donc plus exact que les éléments qui le composent.

Lignes 48 à 52 : L'utilisation non énergétique fait référence aux combustibles utilisés dans différents secteurs en tant que matières premières. Ces combustibles ne sont pas utilisés comme énergie ou transformés en un autre combustible. L'utilisation non énergétique est présentée séparément de la consommation finale, sous la rubrique *utilisations non énergétiques*.

La séparation entre utilisations énergétiques et non énergétiques de tous les produits pétroliers est établie, pour chaque produit, sur la base des informations communiquées par les pays.

dont : produits d'alimentation de l'industrie pétrochimique. L'industrie pétrochimique comprend les opérations de craquage et de reformage destinées à la production de l'éthylène, du propylène, du butylène, des gaz de synthèse, des aromatiques, du butadiène et d'autres matières premières à base d'hydrocarbures dans les procédés mis en œuvre, par exemple, pour le vapocraquage, dans les installations d'élaboration d'aromatiques et pour le reformage à la vapeur [partie du Groupe 241 de la CITI].

Lignes 53 à 55 : La rubrique *électricité produite* indique le nombre total de GWh produits par les centrales thermiques, ventilées entre centrales électriques et installations de cogénération, ainsi que la production des centrales nucléaires, hydroélectriques (à l'exclusion des centrales à accumulation par pompage), géothermiques, etc. (voir cependant les notes relatives aux lignes 10 et 11). L'électricité produite à partir de chaleur de procédés chimiques est indiquée à la colonne *chaleur*.

Lignes 56 à 58 : La rubrique *chaleur produite* indique le nombre total de TJ produits dans les centrales, avec une distinction faite entre centrales de cogénération et centrales calogènes. La chaleur produite au moyen de chaudières électriques est comptabilisée à la colonne *électricité*. La chaleur obtenue au moyen de pompes à chaleur, de procédés chimiques ainsi que la chaleur produite à partir de combustibles non spécifiés figure à la colonne *chaleur*.

Indicateurs

Production énergétique : la production énergétique primaire totale exprimée en Mtep.

Importations nettes : les importations moins les exportations exprimées en Mtep.

Approvisionnements totaux en énergie primaire : exprimés en Mtep.

Approvisionnement de pétrole : l'approvisionnement primaire de pétrole exprimé en Mtep.

Consommation d'électricité : consommation nationale (c'est-à-dire la production brute) + les importations – les exportations – les pertes de distribution exprimée en GWh.

Population : *World Development Indicators*, La Banque mondiale, Washington D.C., 2009, est la principale source de données concernant la population.

Les données de population pour **Gibraltar, l'Iraq** et le **Taipei chinois** ainsi que pour quelques pays dans les trois régions⁴ **Autres pays d'Afrique, Autres pays d'Amérique latine** et **Autres pays d'Asie** proviennent de la base Chelem CEPII, 2009.

4. En raison de séries incomplètes, la population et le PIB des Autres pays d'Amérique latine n'incluent pas les Iles Vierges Britanniques, les Iles Caïmans, les Iles Malouines, la Martinique, Montserrat, Saint-Pierre et Miquelon et les Iles Turques et Caïques; les Autres pays d'Asie n'incluent pas les Iles Cook.

PIB : *World Development Indicators*, La Banque mondiale, Washington D.C., 2009, est la principale source de données concernant le PIB et le PIB en PPA.

Les données du PIB pour les **Antilles néerlandaises** (disponibles depuis 1980), la **Bosnie-Herzégovine**, **Brunei Darussalam**, la **République populaire démocratique de Corée**, **Cuba**, **Gibraltar**, **l'Iraq**, la **Jamahiriya arabe libyenne**, **Myanmar**, la **Namibie** (1971-1979), le **Qatar**, le **Taipei chinois**, le **Turkménistan**, **l'Ex-Union Soviétique** (avant 1990), **l'Ex-Yougoslavie** (avant 1990) ainsi que pour quelques pays dans les trois régions **autres pays d'Afrique, autres pays d'Amérique latine** et **autres pays d'Asie** proviennent des bases Chelem CEPII, 2008 et 2009.

Les données du PIB pour **l'Albanie** (1971-1979), **l'Angola** (1971-1979), **Bahreïn** (1971-1979, 2006-2007), la **Bulgarie** (1971-1979), les **Emirats arabes unis** (1971-1972 et 2006-2007), **l'Ethiopie** (1971-1980), la **Jordanie** (1971-1974), le **Koweït** (1990-1991, 2006-2007), le **Liban** (1971-1987), **Malte** (2007), le **Mozambique** (1971-1979), **Oman** (2006-2007), la **Roumanie** (1971-1979), la **Serbie**⁵ (1990-1992 et 2005), la **République unie de Tanzanie** (1971-1987), le **Viet Nam** (1971-1983), le **Yémen** (1971-1989) et le **Zimbabwe** (2006-2007) ont été estimées à partir des taux de croissance de la base Chelem CEPII, 2009.

Les données PIB ont été établies par pays aux prix du marché en monnaie locale et taux de change annuel. Les données ont été ajustées aux niveaux des prix 2000 et puis converties en dollars US en utilisant les taux de change annuels 2000 moyens ou les parités de pouvoir d'achat (PPA)⁶.

Alors que les deux sources des données du PIB ont rebasé leur séries temporelles du PIB PPA sur 2005, cette publication reporte les données du PIB sur la base de 2000. Ainsi, uniquement pour cette édition, les séries temporelles du PIB PPA ont été obtenues en appliquant le ratio PIB PPA 2000 US\$ sur PIB 2000 US\$ de l'édition de l'année dernière aux nouvelles données du PIB 2000 US\$.

5. La Serbie inclut le Monténégro jusqu'en 2004.

6. Les parités de pouvoir d'achat représentent les taux de conversion monétaire qui égalisent les pouvoirs d'achat des différentes monnaies. Ainsi, une somme donnée d'argent, une fois convertie en différentes unités monétaires à partir des taux PPA, permet d'acheter le même panier de biens et de services dans tous les pays. En d'autres termes, les PPA sont les taux de conversion monétaires qui permettent d'éliminer les différences dans les niveaux de prix entre pays.

3. UNITES ET COEFFICIENTS DE CONVERSION

Coefficients de conversion généraux pour l'énergie

| Vers : | TJ | Gcal | Mtep | MBtu | GWh |
|--------|-------------------------|--------|------------------------|---------------------|------------------------|
| De : | multiplier par : | | | | |
| TJ | 1 | 238,8 | $2,388 \times 10^{-5}$ | 947,8 | 0,2778 |
| Gcal | $4,1868 \times 10^{-3}$ | 1 | 10^{-7} | 3,968 | $1,163 \times 10^{-3}$ |
| Mtep | $4,1868 \times 10^4$ | 10^7 | 1 | $3,968 \times 10^7$ | 11630 |
| MBtu | $1,0551 \times 10^{-3}$ | 0,252 | $2,52 \times 10^{-8}$ | 1 | $2,931 \times 10^{-4}$ |
| GWh | 3,6 | 860 | $8,6 \times 10^{-5}$ | 3412 | 1 |

Coefficients de conversion pour les mesures de masse

| Vers : | kg | t | lt | st | lb |
|-------------------|------------------|-----------------------|-----------------------|------------------------|--------|
| De : | multiplier par : | | | | |
| kilogramme (kg) | 1 | 0,001 | $9,84 \times 10^{-4}$ | $1,102 \times 10^{-3}$ | 2,2046 |
| tonne (t) | 1000 | 1 | 0,984 | 1,1023 | 2204,6 |
| tonne longue (lt) | 1016 | 1,016 | 1 | 1,120 | 2240,0 |
| tonne courte (st) | 907,2 | 0,9072 | 0,893 | 1 | 2000,0 |
| livre (lb) | 0,454 | $4,54 \times 10^{-4}$ | $4,46 \times 10^{-4}$ | $5,0 \times 10^{-4}$ | 1 |

Coefficients de conversion pour les mesures de volume

| Vers : | gal U.S. | gal U.K. | Bbl | ft ³ | l | cm |
|------------------------------|------------------|----------|---------|-----------------|--------|--------|
| De : | multiplier par : | | | | | |
| Gallon U.S. (gal) | 1 | 0,8327 | 0,02381 | 0,1337 | 3,785 | 0,0038 |
| Gallon U.K. (gal) | 1,201 | 1 | 0,02859 | 0,1605 | 4,546 | 0,0045 |
| Baril (bbl) | 42,0 | 34,97 | 1 | 5,615 | 159,0 | 0,159 |
| Pied cube (ft ³) | 7,48 | 6,229 | 0,1781 | 1 | 28,3 | 0,0283 |
| Litre (l) | 0,2642 | 0,220 | 0,0063 | 0,0353 | 1 | 0,001 |
| Mètre cube (m ³) | 264,2 | 220,0 | 6,289 | 35,3147 | 1000,0 | 1 |

Préfixes décimaux

| | | | |
|------------------|-----------|-------------------|-----------|
| 10 ¹ | déca (da) | 10 ⁻¹ | déci (d) |
| 10 ² | hecto (h) | 10 ⁻² | centi (c) |
| 10 ³ | kilo (k) | 10 ⁻³ | milli (m) |
| 10 ⁶ | méga (M) | 10 ⁻⁶ | micro (μ) |
| 10 ⁹ | giga (G) | 10 ⁻⁹ | nano (n) |
| 10 ¹² | téra (T) | 10 ⁻¹² | pico (p) |
| 10 ¹⁵ | péta (P) | 10 ⁻¹⁵ | femto (f) |
| 10 ¹⁸ | exa (E) | 10 ⁻¹⁸ | atto (a) |

Charbon

Les pouvoirs calorifiques inférieurs utilisés pour le charbon diffèrent selon qu'il s'agit de la production, des importations, des exportations, de l'alimentation des centrales des producteurs pour lesquels la production d'électricité constitue l'activité principale, ou du charbon employé dans les fours à coke, les hauts fourneaux et l'industrie. Pour tous les autres flux, la conversion est effectuée en utilisant le pouvoir calorifique inférieur (PCI) moyen. Les pouvoirs calorifiques inférieurs spécifiques par pays pour 2007 sont indiqués dans la partie II.

Pétrole brut

Dans le calcul des bilans, ce sont les pouvoirs calorifiques inférieurs (PCI) qui s'appliquent pour la production, les importations et les exportations. La valeur moyenne est utilisée pour convertir en pouvoir calorifique tous les autres flux. Les pouvoirs calorifiques inférieurs spécifiques par pays pour 2007 sont indiqués dans la partie II.

Gaz

Dans les *Statistiques de l'énergie des pays non membres*, les gaz indiqués ci-après sont toujours comptabilisés en térajoules et le pouvoir calorifique utilisé est le pouvoir calorifique supérieur (PCS).

1 térajoule = 0,00002388 Mtep.

Pour convertir le pouvoir calorifique supérieur (PCS) d'un gaz en pouvoir calorifique inférieur (PCI), il

convient de multiplier le PCS par le coefficient indiqué dans le tableau ci-dessous.

| Gaz | Ratio PCI / PCS |
|----------------------------------|-----------------|
| Gaz naturel | 0,9 |
| Gaz d'usine à gaz | 0,9 |
| Gaz de cokerie | 0,9 |
| Gaz de haut-fourneau | 1,0 |
| Gaz de convertisseur à l'oxygène | 1,0 |

Energies renouvelables combustibles et déchets

Le pouvoir calorifique de la biomasse solide primaire, du biogaz, des déchets urbains et assimilés ainsi que des déchets industriels, exprimé en térajoules sur la base du pouvoir calorifique inférieur, est présenté dans les *Statistiques de l'énergie des pays non membres*. Le Secrétariat ne reçoit pas des données sur le volume et les autres caractéristiques des ces combustibles.

1 térajoule = 0,00002388 Mtep.

Les données sur le charbon de bois exprimées en tonnes sont converties en appliquant le coefficient de conversion indiqué dans la partie II.

A moins que d'autres informations propres à l'un ou l'autre pays ne soient fournies, les données concernant la bioessence exprimées en tonnes sont converties en utilisant le ratio 26 800 kJ/kg. Les biogazoles et autres biocombustibles liquides sont supposés avoir un pouvoir calorifique inférieur de 36 800 kJ/kg, sauf indication contraire.

Produits pétroliers

Jusqu'à l'année dernière, les données sur les produits pétroliers étaient converties en appliquant, pour la quasi-totalité des pays, le même ensemble d'unités de pouvoir calorifique inférieur. L'année dernière, l'AIE a décidé d'utiliser des facteurs de conversion spécifiques à chaque région (conjointement avec Eurostat pour les pays européens) pour les produits pétroliers. Les valeurs qui étaient spécifiques par pays ont été gardées.

Pouvoirs calorifiques inférieurs régionaux applicables aux produits pétroliers

| Produits pétroliers | Valeurs régionaux par défaut | | Valeurs spécifiques à certains pays | | | |
|-----------------------------------|------------------------------|----------|-------------------------------------|--------|----------|----------------|
| | Europe* | non-OCDE | Algérie | Brésil | Malaisie | Afrique du Sud |
| | kJ/kg | kJ/kg | kJ/kg | kJ/kg | kJ/kg | kJ/kg |
| Gaz de raffinerie | 49 500 | 48 100 | - | 35 169 | - | - |
| Éthane | 49 500 | 49 400 | - | - | - | - |
| Gaz de pétrole liquéfiés | 46 000 | 47 300 | 49 404 | 46 725 | 45 594 | 46 767 |
| Essence moteur | 44 000 | 44 800 | - | 45 008 | 44 129 | 44 924 |
| Essence aviation | 44 000 | 44 800 | - | 44 882 | 43 961 | 45 552 |
| Carburéacteur type essence | 43 000 | 44 800 | - | 44 589 | 44 003 | 44 045 |
| Carburéacteur type kérosène | 43 000 | 44 600 | - | - | - | 40 738 |
| Autre kérosène | 43 000 | 43 800 | - | 44 171 | 43 208 | 41 073 |
| Gazole/carburant diesel | 42 600 | 43 300 | - | 44 129 | 43 208 | 43 250 |
| Fioul résiduel | 40 000 | 40 200 | - | 42 789 | 42 496 | 42 915 |
| Naphtas | 44 000 | 45 000 | - | - | 41 533 | 41 826 |
| White spirit | 43 600 | 43 000 | - | 47 060 | 43 208 | 42 496 |
| Lubrifiants | 42 000 | | - | 42 831 | 42 119 | - |
| Bitume | 39 000 | | - | - | 41 826 | - |
| Paraffines | 40 000 | | - | - | 43 333 | - |
| Coke de pétrole | 32 000 | | - | 33 913 | 36 383 | - |
| Produits pétroliers non spécifiés | 40 000 | | - | 42 705 | 42 496 | - |

* Les valeurs par défaut pour l'Europe ont été utilisées pour les pays de l'Europe hors OCDE et de l'ex-Union Soviétique.

Electricité

Les données relatives à la production, aux échanges et à la consommation finale d'électricité sont calculées en fonction du contenu énergétique de l'électricité, (c'est-à-dire selon le coefficient suivant : 1 TWh = 0,086 Mtep).

Pour la production hydro-électrique (production des centrales à accumulation par pompage non comprise) et l'électricité produite par d'autres moyens non thermiques (énergie éolienne, énergie des marées/vagues/courants marins, photovoltaïque, etc.), le même coefficient s'applique. Cependant, le contenu en énergie primaire de l'électricité d'origine nucléaire est calculé à partir de la production brute, compte tenu d'un coefficient hypothétique de rendement de conversion des installations de 33%. En d'autres termes, 1 TWh = (0,086 ÷ 0,33) Mtep. Dans le cas de l'électricité produite à partir de chaleur géothermique, si le rendement de conversion effectif de l'énergie géothermique n'est pas connu, l'équivalent primaire pris pour hypothèse est de 10%, soit 1 TWh = (0,086 ÷ 0,1) Mtep.

Chaleur

Les données sur la chaleur sont exprimées en téra-joules et 1 térajoule = 0,00002388 Mtep.

Exemples

Les exemples ci-après montrent comment calculer le contenu calorifique inférieur (en Mtep) des quantités exprimées en unités d'origine dans les *Statistiques de l'énergie des pays non membres*.

| A partir des unités d'origines | Vers les Mtep (PCI) |
|--|---|
| Production de charbon à coke (Colombie) pour 2007 en milliers de tonnes | diviser par 41 868 puis multiplier par 27,214 |
| Gaz naturel en térajoules (PCS) | multiplier par 0.00002388 puis multiplier par 0,9 |
| Essence moteur (sauf Brésil, Malaisie et Afrique du Sud) en milliers de tonnes | diviser par 41 868 puis multiplier par 44,800 |
| Chaleur en térajoules (PCI) | multiplier par 0,00002388 |

4. COUVERTURE GEOGRAPHIQUE

L'Afrique comprend l'Afrique du Sud, l'Algérie, l'Angola, le Bénin, le Botswana (depuis 1981), le Cameroun, le Congo, la République démocratique du Congo, la Côte d'Ivoire, l'Égypte, l'Érythrée, l'Éthiopie, le Gabon, le Ghana, le Kenya, la Jamahiriya arabe libyenne, le Maroc, le Mozambique, la Namibie (depuis 1991), le Nigéria, le Sénégal, le Soudan, la République unie de Tanzanie, le Togo, la Tunisie, la Zambie, le Zimbabwe et les **autres pays d'Afrique**.

Les autres pays d'Afrique comprennent le Botswana (jusqu'en 1980), le Burkina Faso, le Burundi, le Cap-Vert, la République centrafricaine, les Comores, Djibouti, la Gambie, la Guinée, la Guinée-Bissau, la Guinée équatoriale, le Lesotho, le Libéria, Madagascar, le Malawi, le Mali, la Mauritanie, Maurice, la Namibie (jusqu'en 1990), le Niger, l'Ouganda, la Réunion, le Rwanda, Sao Tomé-et-Principe, les Seychelles, la Sierra Leone, la Somalie, le Swaziland et le Tchad.

Le Moyen-Orient comprend l'Arabie saoudite, Bahreïn, les Emirats arabes unis, la République islamique d'Iran, l'Iraq, Israël, la Jordanie, le Koweït, le Liban, Oman, le Qatar, la République arabe syrienne et le Yémen.

La région Europe hors OCDE comprend l'Albanie, la Bosnie-Herzégovine, la Bulgarie, Chypre¹, la Croatie, Gibraltar, l'ex-République yougoslave de Macédoine (FYROM), Malte, la Roumanie, la Serbie² et la Slovénie.

L'ex-Union Soviétique comprend l'Arménie, l'Azerbaïdjan, la Biélorussie, l'Estonie, la Géorgie, le

Kazakhstan, le Kirghizistan, la Lettonie, la Lituanie, la République de Moldavie, l'Ouzbékistan, la Fédération de Russie, le Tadjikistan, le Turkménistan et l'Ukraine.

L'Amérique latine comprend les Antilles néerlandaises, l'Argentine, la Bolivie, le Brésil, le Chili, la Colombie, le Costa Rica, Cuba, la République dominicaine, El Salvador, l'Équateur, le Guatemala, Haïti, le Honduras, la Jamaïque, le Nicaragua, Panama, le Paraguay, le Pérou, Trinité-et-Tobago, l'Uruguay, le Venezuela et les **autres pays d'Amérique latine**.

Les autres pays d'Amérique latine comprennent Antigua-et-Barbuda, Aruba, les Bahamas, la Barbade, le Belize, les Bermudes, la Dominique, la Grenade, la Guadeloupe, la Guyane, la Guyane française, les Iles Vierges Britanniques, les Iles Caïmans, les Iles Malouines, les Iles Turques et Caïques, la Martinique, Montserrat, Porto-Rico³ (pour le gaz naturel), Saint-Kitts et Nevis, Sainte-Lucie, Saint-Pierre et Miquelon, Saint-Vincent et les Grenadines et le Suriname.

La Chine comprend la République populaire de Chine et Hong Kong (Chine).

L'Asie comprend le Bangladesh, Brunei Darussalam, le Cambodge (depuis 1995), la République populaire démocratique de Corée, l'Inde, l'Indonésie, la Malaisie, la Mongolie (depuis 1985), Myanmar, le Népal, le Pakistan, les Philippines, Singapour, Sri Lanka, le Taipei chinois, la Thaïlande, le Viet Nam et les **autres pays d'Asie**.

Les autres pays d'Asie comprennent l'Afghanistan, le Bhoutan, le Cambodge (jusqu'en 1994), les Fidji, les Iles Cook, Kiribati, le Laos, Macao, les Maldives, la Mongolie (jusqu'en 1984), la Nouvelle-Calédonie,

1. Se référer à la note sur Chypre dans la partie I.5, *Country notes and sources*.

2. La Serbie inclut le Monténégro jusqu'en 2004 et le Kosovo jusqu'en 1999.

3. Les statistiques sur le pétrole et sur les échanges de charbon de Porto-Rico sont incluses dans les États-Unis.

la Papouasie-Nouvelle-Guinée, la Polynésie française, le Samoa, les Iles Salomon, Timor Oriental, Tonga et Vanuatu.

L'**Organisation de coopération et de développement économiques (OCDE)** comprend l'Allemagne, l'Australie, l'Autriche, la Belgique, le Canada, la Corée, le Danemark, l'Espagne, les Etats-Unis, la Finlande, la France, la Grèce, la Hongrie, l'Irlande, l'Islande, l'Italie, le Japon, le Luxembourg, le Mexique, la Norvège, la Nouvelle-Zélande, les Pays-Bas, la Pologne, le Portugal, le Royaume-Uni, la République slovaque, la Suède, la Suisse, la République tchèque et la Turquie.

L'**Union européenne - 27 (UE-27)** comprend l'Allemagne, l'Autriche, la Belgique, la Bulgarie, Chypre,¹ le Danemark, l'Espagne, l'Estonie, la Finlande, la France, la Grèce, la Hongrie, l'Irlande, l'Italie, la Lettonie, la Lituanie, le Luxembourg, Malte, les Pays-Bas, la Pologne, le Portugal, la Roumanie, le Royaume-Uni, la République slovaque, la Slovénie, la Suède, la République tchèque. Veuillez prendre note que dans le but de pouvoir comparer les données, tous ces pays sont inclus au sein de l'Union Européenne depuis 1990 quelle que soit leur date d'adhésion à l'Union.

Dans la zone de l'OCDE :

- L'**Australie** ne comprend pas les territoires d'outre-mer ;
- L'**Allemagne** tient compte des nouveaux Länder à partir de 1970 ;
- Le Groenland et les Iles Féroé danoises ne sont pas pris en compte dans les données relatives au **Danemark**. Cependant, les données sur le pétrole du Groenland sont prises en compte dans les statistiques danoises avant 1990. L'administration danoise envisage de réviser les séries chronologiques en remontant jusqu'en 1974 afin d'en retirer ces quantités ;

- L'**Espagne** englobe les Iles Canaries ;
- Les **Etats-Unis** englobent les 50 Etats fédérés et le District de Columbia. Les statistiques sur le pétrole et sur les échanges de charbon concernent également Porto-Rico⁴, l'Ile de Guam, les Iles Vierges des Etats-Unis, le Territoire non incorporé des Samoa américaines, l'Ile Johnston, les Iles Midway, l'Ile de Wake et les Iles Mariannes-du-Nord ;
- Dans les données relatives à la **France**, Monaco est pris en compte, mais pas les départements et territoires d'outre-mer (Guadeloupe, Guyane, Martinique, Nouvelle-Calédonie, Polynésie française, Ile de la Réunion et Saint-Pierre-et-Miquelon) ;
- L'**Italie** englobe Saint-Marin et le Vatican ;
- Le **Japon** englobe Okinawa ;
- Ni le Suriname ni les Antilles néerlandaises ne sont pris en compte dans les données relatives aux **Pays-Bas** ;
- Le **Portugal** englobe les Açores et l'Ile de Madère ;
- La **Suisse** englobe le Liechtenstein seulement pour les données de pétrole.

L'**Organisation des pays exportateurs de pétrole (OPEP)**⁵ comprend l'Algérie, l'Angola, l'Arabie saoudite, l'Equateur, l'Iran, l'Iraq, le Koweït, la Jamahiriya arabe libyenne, le Nigéria, le Qatar, les Emirats arabes unis et le Venezuela.

On notera que les pays suivants n'ont pas été pris en compte par suite d'un manque de données :

- **Europe hors OCDE** : Liechtenstein⁶ (sauf pour les statistiques sur le pétrole), Monténégro⁷ (après 2004) ;
- **Afrique** : Sainte-Hélène et Sahara Occidental ;
- **Amérique** : Anguilla ;
- **Asie et Océanie** : Ile Christmas, Nauru, Nioué-et-Palaos.

4. Les statistiques sur le gaz naturel de Porto-Rico sont incluses dans les autres pays d'Amérique latine.

5. Les données de l'Indonésie, qui a quitté l'OPEP en 2009, ont été déduites de l'OPEP dans l'édition courante de cette publication.

6. Les statistiques sur le pétrole pour le Liechtenstein sont incluses dans la Suisse.

7. Les données du Monténégro sont incluses dans la Serbie jusqu'en 2004.

PART II: STATISTICAL DATA

PARTIE II : DONNEES STATISTIQUES

**COUNTRY-SPECIFIC NET
CALORIFIC VALUES**

**POUVOIRS CALORIFIQUES
INFÉRIEURS SPÉCIFIQUES PAR PAYS**

2007

Country specific net calorific values (kilojoule per kilogramme)
Pouvoirs calorifiques inférieurs spécifiques par pays (kilojoules par kilogramme)

2007

| | Albania | Algeria | Angola | Argentina | Armenia | Azerbaijan | Bahrain | Bangladesh | Belarus | Benin |
|--------------------------------|---------|---------|--------|-----------|---------|------------|---------|------------|---------|-------|
| Crude oil | | | | | | | | | | |
| Production | 41449 | 43292 | 42747 | 41868 | - | 42077 | 42705 | - | 42077 | - |
| Imports | - | 42370 | - | 41868 | - | - | 42705 | 42161 | 42077 | - |
| Exports | - | 43292 | 42747 | 41868 | - | 42077 | - | - | 42077 | - |
| Average | 41449 | 43292 | 42747 | 41868 | - | 42077 | 42705 | 42161 | 42077 | - |
| NGL | - | 46725 | 41868 | 42496 | - | 41910 | 42705 | 42705 | - | - |
| Refinery feedstocks | - | - | - | - | - | - | - | - | - | - |
| Additives | - | - | - | - | - | - | - | - | - | - |
| Other hydrocarbons | - | - | - | - | - | - | - | - | - | - |
| Biogasoline | - | - | - | - | - | - | - | - | - | - |
| Biodiesel | - | - | - | - | - | - | - | - | - | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | 28200 | - | 30145 | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Coke ovens | - | 28200 | - | 30145 | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | 28200 | - | 24702 | - | - | - | - | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | - | - | 24702 | - | - | - | - | - | - |
| Imports | - | - | - | 30145 | 18581 | - | - | 20926 | 21787 | - |
| Exports | - | - | - | 24702 | - | - | - | - | - | - |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | 24702 | - | - | - | - | 21787 | - |
| Industry | - | - | - | 30145 | - | - | - | 20926 | 21787 | - |
| Other uses | - | - | - | 24702 | 18581 | - | - | 20926 | 21787 | - |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | 9843 | - | - | - | - | - | - | - | - | - |
| Imports | 9843 | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | 9843 | - | - | - | - | - | - | - | - | - |
| Industry | 9843 | - | - | - | - | - | - | - | - | - |
| Other uses | 9843 | - | - | - | - | - | - | - | - | - |
| Patent fuel | - | - | - | - | - | - | - | - | - | - |
| Coke oven coke | - | 28200 | - | 28458 | - | - | - | - | 29015 | - |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | - | - | - | - | 15240 | - |
| Peat | - | - | - | - | - | - | - | - | 10172 | - |
| Charcoal | - | - | 30800 | 27214 | - | - | - | - | 30800 | 30800 |

Country specific net calorific values (kilojoule per kilogramme)
Pouvoirs calorifiques inférieurs spécifiques par pays (kilojoules par kilogramme)

2007

| | Bolivia | Bosnia and Herz. | Bots- wana | Brazil | Brunei Daruss. | Bulgaria | Cam- bodia | Came- roon | Chile | PR of China |
|--------------------------------|---------|---------------------|---------------|--------|-------------------|----------|---------------|---------------|-------|----------------|
| Crude oil | | | | | | | | | | |
| Production | 43333 | - | - | 42705 | 42747 | 40721 | - | 42454 | 45887 | 41868 |
| Imports | - | 42747 | - | 42705 | - | 42454 | - | 42454 | 45469 | 41868 |
| Exports | 43333 | - | - | 42705 | 42747 | - | - | 42454 | - | 41868 |
| Average | 43333 | 42747 | - | 42705 | 42747 | 42454 | - | 42454 | 45511 | 41868 |
| NGL | 43333 | - | - | 45217 | 42747 | - | - | - | 42873 | 42705 |
| Refinery feedstocks | - | 42496 | - | 45008 | - | 44799 | - | - | - | - |
| Additives | - | - | - | - | - | 25121 | - | - | - | - |
| Other hydrocarbons | - | - | - | - | - | 41868 | - | - | - | - |
| Biogasoline | - | - | - | 27214 | - | - | - | - | - | 26800 |
| Biodiesel | - | - | - | 42789 | - | - | - | - | - | 36800 |
| Other liquid biofuels | - | - | - | 27214 | - | 36800 | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | 23899 | - | - | - | 20934 |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | 23250 | - | - | - | - |
| Industry | - | - | - | - | - | 24757 | - | - | - | 18899 |
| Other uses | - | - | - | - | - | 23899 | - | - | - | 22659 |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | 26879 | - | - | - | - | - | 26745 |
| Imports | - | 30685 | - | 30982 | - | 27973 | - | - | 28619 | 26745 |
| Exports | - | - | - | - | - | - | - | - | - | 26745 |
| Coke ovens | - | 30308 | - | 30982 | - | 27917 | - | - | 28619 | 26745 |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | 26745 |
| Industry | - | - | - | - | - | - | - | - | - | 26745 |
| Other uses | - | 25946 | - | 30982 | - | 27973 | - | - | 28619 | 26745 |
| Other bituminous coal | | | | | | | | | | |
| Production | - | - | 25800 | 23865 | - | 15245 | - | - | 17904 | 22215 |
| Imports | - | - | 25800 | 23865 | - | 24816 | - | - | 24566 | 20934 |
| Exports | - | - | - | - | - | 22455 | - | - | - | 27214 |
| Coke ovens | - | - | - | - | - | - | - | - | - | 22155 |
| Main activity elec. generation | - | - | 25800 | 23865 | - | 26641 | - | - | 24191 | 21246 |
| Industry | - | - | 25800 | 23865 | - | 23550 | - | - | 26730 | 21246 |
| Other uses | - | - | 25800 | 23865 | - | 22941 | - | - | 24858 | 21246 |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | 17999 | - | 18254 | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | 17999 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | 17999 | - | 18254 | - | - | - | - | - | - |
| Industry | - | 17999 | - | 18254 | - | - | - | - | - | - |
| Other uses | - | 17999 | - | 18254 | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | 8893 | - | 12979 | - | 6973 | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | 8893 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | 8893 | - | 12979 | - | 6875 | - | - | - | - |
| Industry | - | 8893 | - | 12979 | - | 12391 | - | - | - | - |
| Other uses | - | 8893 | - | 12979 | - | 7101 | - | - | - | - |
| Patent fuel | - | - | - | - | - | - | - | - | - | 17752 |
| Coke oven coke | - | 26900 | - | 27758 | - | 28500 | - | - | 28428 | 26796 |
| Coal tar | - | - | - | 38000 | - | 38000 | - | - | 41338 | 33494 |
| BKB | - | - | - | - | - | 18258 | - | - | - | - |
| Peat | - | - | - | - | - | - | - | - | - | - |
| Charcoal | 30354 | - | - | 30800 | - | - | 30800 | 30800 | - | - |

Country specific net calorific values (kilojoule per kilogramme)
Pouvoirs calorifiques inférieurs spécifiques par pays (kilojoules par kilogramme)

2007

| | Chinese Taipei | Colom- bia | Congo | Dem.Rep Congo | Costa Rica | Côte d'Ivoire | Croatia | Cuba | Cyprus | Domi- nican R. |
|--------------------------------|-------------------|---------------|-------|------------------|---------------|------------------|---------|-------|--------|-------------------|
| Crude oil | | | | | | | | | | |
| Production | 42370 | 42245 | 42915 | 42161 | - | 42622 | 42400 | 41156 | - | - |
| Imports | 42370 | 42245 | - | - | 42161 | 42622 | 42400 | 41156 | - | 42161 |
| Exports | - | 42245 | 42915 | 42161 | - | 42622 | - | - | - | - |
| Average | 42370 | 42245 | 42915 | 42161 | 42161 | 42622 | 42400 | 41156 | - | 42161 |
| NGL | - | 41868 | 45217 | - | - | - | 46579 | - | - | - |
| Refinery feedstocks | - | 42287 | - | - | - | 42622 | 42400 | - | - | - |
| Additives | 41868 | - | - | - | - | - | 42400 | - | - | - |
| Other hydrocarbons | - | - | - | - | - | - | - | - | - | - |
| Biogasoline | - | 26800 | - | - | - | - | - | - | - | - |
| Biodiesel | - | - | - | - | - | - | 36800 | - | 36800 | - |
| Other liquid biofuels | - | - | - | - | - | - | - | 36800 | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | 27424 | - | - | - | - | - | 29310 | - | - | - |
| Exports | - | - | - | - | - | - | 29310 | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | 26377 | - | - | - | - | - | - | - | - | - |
| Other uses | 26796 | - | - | - | - | - | 24501 | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | 27214 | - | - | - | - | - | - | - | - |
| Imports | 27424 | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Coke ovens | 28889 | 27214 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | 26796 | 27214 | - | - | - | - | - | - | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | 27214 | - | 25228 | - | - | - | - | - | - |
| Imports | 27424 | - | - | 25228 | 25800 | - | 24900 | 25800 | 28360 | 25800 |
| Exports | - | 27214 | - | - | - | - | - | - | - | - |
| Coke ovens | 28889 | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | 26796 | 27214 | - | - | - | - | 24900 | - | - | 25800 |
| Industry | 26377 | 27214 | - | 25228 | 25800 | - | 24900 | 25800 | 28360 | - |
| Other uses | 26796 | 27214 | - | 25228 | 25800 | - | 24900 | 25800 | 25800 | 25800 |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | 18900 | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | 18900 | - | - | - | - | - | - | - | - | - |
| Industry | 18900 | - | - | - | - | - | - | - | - | - |
| Other uses | 18900 | - | - | - | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | 18412 | - | 11900 | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | 18412 | - | - | - |
| Other uses | - | - | - | - | - | - | 18412 | - | 11900 | - |
| Patent fuel | - | - | - | 29000 | - | - | - | - | - | - |
| Coke oven coke | 28200 | 20097 | - | 28200 | 28200 | - | 29312 | 28200 | - | 28200 |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | - | - | - | - | - | - |
| Peat | - | - | - | - | - | - | - | - | - | - |
| Charcoal | - | 30800 | 30800 | 30800 | 30800 | 30800 | - | 30800 | 30800 | 30800 |

Country specific net calorific values (kilojoule per kilogramme)
Pouvoirs calorifiques inférieurs spécifiques par pays (kilojoules par kilogramme)

2007

| | Ecuador | Egypt | EI Salvador | Eritrea | Estonia | Ethiopia | Gabon | Georgia | Ghana | Gibraltar |
|--------------------------------|---------|-------|----------------|---------|---------|----------|-------|---------|-------|-----------|
| Crude oil | | | | | | | | | | |
| Production | 41868 | 42538 | - | - | - | - | 42622 | 42077 | - | - |
| Imports | - | 42538 | 42161 | - | - | - | - | 42077 | 42622 | - |
| Exports | 41868 | 42538 | - | - | - | - | 42622 | 42077 | - | - |
| Average | 41868 | 42538 | 42161 | - | - | - | 42622 | 42077 | 42622 | - |
| NGL | 42454 | 42538 | - | - | - | - | - | - | - | - |
| Refinery feedstocks | - | - | - | - | - | - | - | - | - | - |
| Additives | - | - | - | - | - | - | - | - | - | - |
| Other hydrocarbons | - | - | - | - | 38854 | - | - | - | - | - |
| Biogasoline | - | - | - | - | - | - | - | - | - | - |
| Biodiesel | - | - | - | - | - | - | - | - | - | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | 28200 | - | - | - | - | - | - | - | - |
| Exports | - | 28200 | - | - | - | - | - | - | - | - |
| Coke ovens | - | 28200 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | 28200 | - | - | - | - | - | - | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | 25800 | - | - | - | - | - | 18581 | - | - |
| Imports | - | - | - | - | 27156 | - | - | 18581 | - | - |
| Exports | - | 25800 | - | - | - | - | - | - | - | - |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | 27156 | - | - | - | - | - |
| Industry | - | - | - | - | 27156 | - | - | 18581 | - | - |
| Other uses | - | 25800 | - | - | 27156 | - | - | 18581 | - | - |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | - | - | - | 8974 | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | 8974 | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | 8390 | - | - | - | - | - |
| Industry | - | - | - | - | 11570 | - | - | - | - | - |
| Other uses | - | - | - | - | 11330 | - | - | - | - | - |
| Patent fuel | - | - | - | - | - | - | - | - | - | - |
| Coke oven coke | - | 28200 | 28200 | - | 29308 | - | - | - | - | - |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | 16000 | - | - | - | - | - |
| Peat | - | - | - | - | 9107 | - | - | - | - | - |
| Charcoal | - | - | 30800 | 30800 | - | 30800 | - | - | 30800 | - |

Country specific net calorific values (kilojoule per kilogramme)
Pouvoirs calorifiques inférieurs spécifiques par pays (kilojoules par kilogramme)

2007

| | Guatemala | Haiti | Honduras | Hong Kong | India | Indonesia | Islamic Rep. Iran | Iraq | Israel | Jamaica |
|--------------------------------|-----------|-------|----------|-----------|-------|-----------|-------------------|-------|--------|---------|
| Crude oil | | | | | | | | | | |
| Production | 42454 | - | - | - | 42789 | 42663 | 42663 | 42831 | 42538 | - |
| Imports | - | - | - | - | 42789 | 42663 | 42663 | - | 42538 | 42161 |
| Exports | 42454 | - | - | - | - | 42663 | 42663 | 42831 | - | - |
| Average | 42454 | - | - | - | 42789 | 42663 | 42663 | 42831 | 42538 | 42161 |
| NGL | - | - | - | - | 42998 | 42768 | 42538 | 42831 | - | - |
| Refinery feedstocks | - | - | - | - | - | 44799 | - | - | 44799 | - |
| Additives | - | - | - | - | - | - | - | - | - | - |
| Other hydrocarbons | - | - | - | - | - | - | - | - | - | - |
| Biogasoline | - | - | - | - | 26800 | - | - | - | - | - |
| Biodiesel | - | - | - | - | - | - | - | - | - | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | - | 24283 | 28200 | 28200 | - | - | - |
| Imports | 28200 | - | - | - | 27089 | 28200 | 28200 | - | - | 28200 |
| Exports | - | - | - | - | 28200 | 28200 | - | - | - | - |
| Coke ovens | - | - | - | - | 26000 | - | 28200 | - | - | - |
| Main activity elec. generation | - | - | - | - | 28200 | - | - | - | - | - |
| Industry | 28200 | - | - | - | 28200 | - | - | - | - | 28200 |
| Other uses | 28200 | - | - | - | 24283 | 28200 | 28200 | - | - | 28200 |
| Other bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | 18464 | 25800 | 25800 | - | - | - |
| Imports | 25800 | - | 25800 | 25800 | 25800 | - | - | - | 26218 | - |
| Exports | - | - | - | - | 18464 | 25800 | 25800 | - | - | - |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | 25800 | - | - | 25800 | 18631 | - | - | - | 26218 | - |
| Industry | - | - | 25800 | 25800 | 18631 | 25800 | 25800 | - | - | - |
| Other uses | 25800 | - | 25800 | 25800 | 18631 | 25800 | 25800 | - | 26218 | - |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | - | 22000 | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | 22000 | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | 22000 | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | - | - | - | 9546 | 11900 | - | - | 4187 | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | 11900 | - | - | - | - |
| Main activity elec. generation | - | - | - | - | 9546 | - | - | - | 4187 | - |
| Industry | - | - | - | - | 9546 | - | - | - | 4187 | - |
| Other uses | - | - | - | - | 9546 | 11900 | - | - | 4187 | - |
| Patent fuel | - | - | - | - | - | 25749 | - | - | - | - |
| Coke oven coke | - | - | - | - | 28200 | - | 28200 | - | - | - |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | 20000 | - | - | - | - | - |
| Peat | - | - | - | - | - | - | - | - | - | - |
| Charcoal | 30800 | 30800 | - | 30800 | - | 30800 | 30800 | 30800 | 30800 | 30800 |

Country specific net calorific values (kilojoule per kilogramme)
Pouvoirs calorifiques inférieurs spécifiques par pays (kilojoules par kilogramme)

2007

| | Jordan | Kazakhstan | Kenya | DPR of Korea | Kuwait | Kyrgyzstan | Latvia | Lebanon | Libyan Arab J. | Lithuania |
|--------------------------------|--------|------------|-------|--------------|--------|------------|--------|---------|----------------|-----------|
| Crude oil | | | | | | | | | | |
| Production | 42705 | 42077 | - | - | 42538 | 42077 | - | - | 42998 | 42077 |
| Imports | 42705 | 42077 | 42077 | 42161 | - | 42077 | - | - | - | 42077 |
| Exports | - | 42077 | - | - | 42538 | - | - | - | 42998 | 42077 |
| Average | 42705 | 42077 | 42077 | 42161 | 42538 | 42077 | - | - | 42998 | 42077 |
| NGL | - | 41910 | - | - | 42622 | - | - | - | 42998 | - |
| Refinery feedstocks | - | - | - | - | - | - | - | - | - | 44799 |
| Additives | - | - | - | - | - | - | - | - | - | 25121 |
| Other hydrocarbons | - | - | - | - | - | - | 41868 | - | - | 27500 |
| Biogasoline | - | - | - | - | - | - | 26800 | - | - | 26800 |
| Biodiesel | - | - | - | - | - | - | 36800 | - | - | 36800 |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | 26700 | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | 26700 | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | 26700 | - | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | 18581 | - | - | - | - | - | - | - | - |
| Imports | - | - | - | 28200 | - | - | - | - | - | - |
| Exports | - | 18581 | - | - | - | - | - | - | - | - |
| Coke ovens | - | 18581 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | 18581 | - | 28200 | - | - | - | - | - | - |
| Other uses | - | 18581 | - | 28200 | - | - | - | - | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | 18581 | - | 25800 | - | 18581 | - | - | - | - |
| Imports | - | 18581 | 25800 | - | - | 18581 | 26220 | 27675 | - | 25120 |
| Exports | - | 18581 | - | - | - | 18581 | - | - | - | 25120 |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | 18581 | - | 25800 | - | 18581 | 26220 | - | - | 25120 |
| Industry | - | 18581 | 25800 | 25800 | - | 18581 | 26220 | 27675 | - | 25120 |
| Other uses | - | 18581 | 25800 | 25800 | - | 18581 | 26220 | 27675 | - | 25120 |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | 17585 | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | 17585 | - | - | - | - | - | - |
| Industry | - | - | - | 17585 | - | - | - | - | - | - |
| Other uses | - | - | - | 17585 | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | 14654 | - | - | - | 14654 | - | - | - | - |
| Imports | - | - | - | - | - | 14654 | - | - | - | - |
| Exports | - | 14654 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | 14654 | - | - | - | 14654 | - | - | - | - |
| Other uses | - | 14654 | - | - | - | 14654 | - | - | - | - |
| Patent fuel | - | - | - | - | - | - | - | - | - | - |
| Coke oven coke | - | 25121 | - | 28200 | - | - | 26790 | - | - | 29300 |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | - | - | - | - | - | 15001 |
| Peat | - | 9760 | - | - | - | - | 10050 | - | - | 9672 |
| Charcoal | 30800 | - | 30800 | - | - | - | 30800 | 30800 | - | 30800 |

Country specific net calorific values (kilojoule per kilogramme)
Pouvoirs calorifiques inférieurs spécifiques par pays (kilojoules par kilogramme)

2007

| | FYR of Maced. | Malaysia | Malta | Rep. of Moldova | Mongolia | Morocco | Mozam- bique | Myanmar | Namibia | Nepal |
|--------------------------------|------------------|----------|-------|--------------------|----------|---------|-----------------|---------|---------|-------|
| Crude oil | | | | | | | | | | |
| Production | - | 43333 | - | 42077 | 42161 | 38937 | - | 42245 | - | - |
| Imports | 42747 | 42622 | - | - | - | 42460 | - | - | - | - |
| Exports | - | 43333 | - | - | 42161 | - | - | 42245 | - | - |
| Average | 42747 | 43333 | - | 42077 | 42161 | 42460 | - | 42245 | - | - |
| NGL | - | 44343 | - | - | - | - | - | 42705 | - | - |
| Refinery feedstocks | 42496 | 42538 | - | - | - | - | - | - | - | - |
| Additives | - | - | - | - | - | - | - | - | - | - |
| Other hydrocarbons | - | 42119 | - | - | - | - | - | - | - | - |
| Biogasoline | - | - | - | - | - | - | - | - | - | - |
| Biodiesel | 36800 | - | - | - | - | - | - | - | - | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | 25445 | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | 25445 | - | - | - | - | - | - | - | - | - |
| Other uses | 25986 | - | - | - | - | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | - | 28200 | - | - | - | - | - |
| Imports | - | - | - | 18581 | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Coke ovens | - | - | - | - | 28200 | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | 18581 | - | - | - | - | - | - |
| Other uses | - | - | - | 18581 | 28200 | - | - | - | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | 22441 | - | - | 28596 | - | 24995 | 25800 | - | 25121 |
| Imports | - | 22441 | - | 18581 | - | 27633 | - | - | 22692 | 25121 |
| Exports | - | 22441 | - | - | - | - | 24995 | 25800 | - | - |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | 22441 | - | - | - | 24702 | - | - | 22692 | - |
| Industry | - | 22441 | - | 18581 | 28596 | 24702 | 24995 | 25800 | - | 25121 |
| Other uses | - | 22441 | - | 18581 | 28596 | 24702 | 24995 | 25800 | 22692 | 25121 |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | 21824 | - | - | - | - | - | - | - | - | - |
| Exports | 16902 | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | 21792 | - | - | - | - | - | - | - | - | - |
| Other uses | 18209 | - | - | - | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | 8068 | - | - | - | 14403 | - | - | 11900 | - | - |
| Imports | 13621 | - | - | - | 14403 | - | - | - | - | - |
| Exports | - | - | - | - | 14403 | - | - | 11900 | - | - |
| Main activity elec. generation | 8034 | - | - | - | 14403 | - | - | - | - | - |
| Industry | 6890 | - | - | - | 14403 | - | - | 11900 | - | - |
| Other uses | 6890 | - | - | - | 14403 | - | - | 11900 | - | - |
| Patent fuel | - | - | - | - | - | - | - | - | - | - |
| Coke oven coke | 25077 | - | - | - | 28200 | - | - | - | - | - |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | - | - | - | - | - | - |
| Peat | 8781 | - | - | - | - | - | - | - | - | - |
| Charcoal | - | 30800 | - | - | 30800 | - | 30019 | 30800 | - | 29730 |

Country specific net calorific values (kilojoule per kilogramme)
Pouvoirs calorifiques inférieurs spécifiques par pays (kilojoules par kilogramme)

2007

| | Neth. Antilles | Nica- ragua | Nigeria | Oman | Pakistan | Panama | Paraguay | Peru | Philippi- nes | Qatar |
|--------------------------------|-------------------|----------------|---------|-------|----------|--------|----------|-------|------------------|-------|
| Crude oil | | | | | | | | | | |
| Production | - | - | 42747 | 42705 | 41990 | - | - | 42747 | 42580 | 42873 |
| Imports | 42161 | 40863 | - | - | 43415 | - | - | 42161 | 42580 | - |
| Exports | - | - | 42747 | 42705 | - | - | - | 42747 | - | 42873 |
| Average | 42161 | 40863 | 42747 | 42705 | 43003 | - | - | 42747 | 42580 | 42873 |
| NGL | - | - | 42747 | 42705 | 42873 | - | - | 42747 | 41868 | 42998 |
| Refinery feedstocks | 44799 | - | - | - | - | - | - | - | - | - |
| Additives | - | - | - | - | 25121 | - | - | - | - | - |
| Other hydrocarbons | - | - | - | - | - | - | - | - | - | - |
| Biogasoline | - | - | - | - | - | - | 26800 | - | 26800 | - |
| Biodiesel | - | - | - | - | - | - | - | - | 36800 | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | 27545 | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Coke ovens | - | - | - | - | 27545 | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | 18732 | - | - | - | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | - | 25800 | - | 17820 | - | - | 29308 | 20097 | - |
| Imports | - | - | - | - | 26190 | - | - | 29308 | 25121 | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | 22611 | - | - | 29308 | 24325 | - |
| Industry | - | - | 25800 | - | 22611 | - | - | 29308 | 24325 | - |
| Other uses | - | - | 25800 | - | 22611 | - | - | 29308 | 24325 | - |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | 11900 | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | 11900 | - |
| Other uses | - | - | - | - | - | - | - | - | 11900 | - |
| Patent fuel | - | - | - | - | - | - | - | - | - | - |
| Coke oven coke | - | - | - | - | 28200 | - | - | 28200 | 28200 | - |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | - | - | - | - | - | - |
| Peat | - | - | - | - | - | - | - | - | - | - |
| Charcoal | - | 30800 | 30800 | - | 30800 | 30800 | 28889 | 27214 | 25104 | 30800 |

Country specific net calorific values (kilojoule per kilogramme)
Pouvoirs calorifiques inférieurs spécifiques par pays (kilojoules par kilogramme)

2007

| | Romania | Russian Fed. | Saudi Arabia | Senegal | Serbia | Singapore | Slovenia | South Africa | Sri Lanka | Sudan |
|--------------------------------|---------|--------------|--------------|---------|--------|-----------|----------|--------------|-----------|-------|
| Crude oil | | | | | | | | | | |
| Production | 40645 | 42077 | 42538 | - | 42747 | - | - | 40520 | - | 42622 |
| Imports | 40645 | 42077 | - | 42622 | 42747 | 42705 | - | 40520 | 43124 | - |
| Exports | - | 42077 | 42538 | - | - | 42705 | - | 40520 | - | 42622 |
| Average | 40645 | 42077 | 42538 | 42622 | 42747 | 42705 | - | 40520 | 43124 | 42622 |
| NGL | 45176 | 41910 | 44924 | - | 45217 | - | - | 42743 | - | - |
| Refinery feedstocks | 44799 | - | - | - | 42496 | - | - | - | - | - |
| Additives | - | - | - | - | 41868 | - | - | - | - | - |
| Other hydrocarbons | 38854 | - | - | - | - | - | - | 40520 | - | - |
| Biogasoline | - | - | - | - | - | - | - | - | - | - |
| Biodiesel | 36800 | - | - | - | - | - | 36800 | - | - | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | 22831 | - | - | - | - | - | - | - | - |
| Imports | 25533 | 22831 | - | - | 21648 | - | - | - | - | - |
| Exports | - | 22831 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | 25533 | - | - | - | 21699 | - | - | - | - | - |
| Other uses | 25533 | 22831 | - | - | 21205 | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | 22831 | - | - | - | - | - | 30995 | - | - |
| Imports | 27500 | - | - | - | - | - | - | 30995 | - | - |
| Exports | 24070 | 22831 | - | - | - | - | - | 30995 | - | - |
| Coke ovens | 27500 | 22831 | - | - | - | - | - | 30995 | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | 27500 | - | - | - | - | - | - | - | - | - |
| Other uses | 27482 | 22831 | - | - | - | - | - | 30995 | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | 22831 | - | - | - | - | - | 23597 | - | - |
| Imports | - | 22831 | - | 25916 | 22805 | - | 25394 | - | 29308 | - |
| Exports | - | 22831 | - | - | 22604 | - | 30132 | 27993 | - | - |
| Coke ovens | - | 22831 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | 22831 | - | - | - | - | - | 20097 | - | - |
| Industry | - | 22831 | - | 25916 | 22748 | - | 24806 | 26996 | 29308 | - |
| Other uses | - | 22831 | - | 25916 | 27298 | - | 25120 | 26996 | 25800 | - |
| Sub-bituminous coal | | | | | | | | | | |
| Production | 18707 | - | - | - | 20510 | - | - | - | - | - |
| Imports | 18711 | - | - | - | 17499 | - | 19067 | - | - | - |
| Exports | - | - | - | - | 20476 | - | 19067 | - | - | - |
| Main activity elec. generation | 18711 | - | - | - | 19747 | - | 20388 | - | - | - |
| Industry | 18728 | - | - | - | 16518 | - | 18391 | - | - | - |
| Other uses | 18711 | - | - | - | 16984 | - | 18866 | - | - | - |
| Lignite | | | | | | | | | | |
| Production | 7850 | 15914 | - | - | 7970 | - | 11441 | - | - | - |
| Imports | 7310 | 15914 | - | - | 16902 | - | 14613 | - | - | - |
| Exports | - | 15914 | - | - | 7970 | - | - | - | - | - |
| Main activity elec. generation | 7658 | 15914 | - | - | 7930 | - | 11350 | - | - | - |
| Industry | 7762 | 15914 | - | - | 10063 | - | - | - | - | - |
| Other uses | 7771 | 15914 | - | - | 13050 | - | 11419 | - | - | - |
| Patent fuel | - | - | - | - | - | - | - | - | - | - |
| Coke oven coke | 26370 | 29015 | - | - | 28700 | 28200 | 30181 | 26498 | 28200 | - |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | 17585 | - | - | 17686 | - | - | - | - | - |
| Peat | 8788 | 9965 | - | - | - | - | - | - | - | - |
| Charcoal | - | - | 30800 | 28889 | - | - | - | 30800 | 30800 | 30145 |

Country specific net calorific values (kilojoule per kilogramme)
Pouvoirs calorifiques inférieurs spécifiques par pays (kilojoules par kilogramme)

2007

| | Syrian Arab R. | Tajiki- stan | United R. Tanzania | Thailand | Togo | Trinidad and Tob. | Tunisia | Turkmeni- stan | Ukraine | United A. Emirates |
|--------------------------------|-------------------|-----------------|-----------------------|----------|-------|----------------------|---------|-------------------|---------|-----------------------|
| Crude oil | | | | | | | | | | |
| Production | 42035 | 42077 | - | 42622 | - | 42245 | 43124 | 42077 | 42077 | 42622 |
| Imports | 42035 | - | - | 42622 | - | 42245 | 43124 | - | 42077 | - |
| Exports | 42035 | 42077 | - | 42622 | - | 42245 | 43124 | 42077 | 42077 | 42622 |
| Average | 42035 | 42077 | - | 42622 | - | 42245 | 43124 | 42077 | 42077 | 42622 |
| NGL | - | - | - | 46850 | - | 41868 | 43124 | 41910 | 41910 | 42622 |
| Refinery feedstocks | - | - | - | 44799 | - | - | - | - | 44799 | - |
| Additives | - | - | - | - | - | - | - | - | 41868 | - |
| Other hydrocarbons | - | - | - | - | - | - | - | - | - | - |
| Biogasoline | - | - | - | 26800 | - | - | - | - | - | - |
| Biodiesel | - | - | - | 36800 | - | - | - | - | - | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | 21160 | - |
| Imports | - | - | - | 26377 | - | - | - | - | 25539 | - |
| Exports | - | - | - | - | - | - | - | - | 21587 | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | 21160 | - |
| Industry | - | - | - | 26377 | - | - | - | - | - | - |
| Other uses | - | - | - | 26377 | - | - | - | - | 21160 | - |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | 28604 | - |
| Imports | - | 18581 | - | - | - | - | - | - | 25539 | - |
| Exports | - | - | - | - | - | - | - | - | 21587 | - |
| Coke ovens | - | - | - | - | - | - | - | - | 28604 | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | 18581 | - | - | - | - | - | - | 28604 | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | 18581 | 25800 | - | - | - | - | - | 21160 | - |
| Imports | - | 18581 | - | 26377 | - | - | - | - | 25539 | - |
| Exports | - | - | - | - | - | - | - | - | 21587 | - |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | 26377 | - | - | - | - | 21160 | - |
| Industry | - | - | 25800 | 26377 | - | - | - | - | 21160 | - |
| Other uses | - | 18581 | 25800 | 26377 | - | - | - | - | 21160 | - |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | 14654 | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | 14654 | - | - | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | - | - | 12142 | - | - | - | - | 7737 | - |
| Imports | - | - | - | - | - | - | - | - | 14654 | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | 10802 | - | - | - | - | 7737 | - |
| Industry | - | - | - | 18250 | - | - | - | - | 7737 | - |
| Other uses | - | - | - | 12142 | - | - | - | - | 7737 | - |
| Patent fuel | - | - | - | - | - | - | - | - | 29000 | - |
| Coke oven coke | 28200 | 25121 | - | 28200 | - | - | - | - | 25121 | - |
| Coal tar | - | - | - | - | - | - | - | - | 38000 | - |
| BKB | - | - | - | 20000 | - | - | - | - | 20000 | - |
| Peat | - | - | - | - | - | - | - | - | 9760 | - |
| Charcoal | 30800 | - | 30800 | 30800 | 30800 | - | 30800 | - | 30800 | 30800 |

Country specific net calorific values (kilojoule per kilogramme)
Pouvoirs calorifiques inférieurs spécifiques par pays (kilojoules par kilogramme)

2007

| | Uruguay | Uzbeki- stan | Vene- zuela | Vietnam | Yemen | Zambia | Zimbab- we | Other Africa | Other Latin Am. | Other Asia |
|--------------------------------|---------|-----------------|----------------|---------|-------|--------|---------------|-----------------|--------------------|------------|
| Crude oil | | | | | | | | | | |
| Production | - | 42077 | 44736 | 42622 | 42998 | - | - | 42161 | 42161 | 42161 |
| Imports | 42270 | - | - | - | - | 42702 | - | 42161 | 42161 | 42161 |
| Exports | - | - | 44736 | 42622 | 42998 | - | - | 42161 | 42161 | 42161 |
| Average | 42270 | 42077 | 44736 | 42622 | 42998 | 42702 | - | 42161 | 42161 | 42161 |
| NGL | - | 41910 | 41994 | 42705 | 42538 | - | - | - | - | 42705 |
| Refinery feedstocks | - | - | - | - | - | - | - | - | - | - |
| Additives | - | 25121 | - | - | - | - | - | - | - | - |
| Other hydrocarbons | - | 41868 | - | - | - | - | - | - | - | - |
| Biogasoline | - | - | - | - | - | - | - | - | - | - |
| Biodiesel | - | - | - | - | - | - | - | - | - | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | 23446 | - | - | - | - | - | - |
| Imports | - | - | - | 23446 | - | - | - | - | - | - |
| Exports | - | - | - | 23446 | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | 23446 | - | - | - | - | - | - |
| Industry | - | - | - | 23446 | - | - | - | - | - | - |
| Other uses | - | - | - | 23446 | - | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | 26996 | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Coke ovens | - | - | - | - | - | - | 26996 | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | 26996 | - | - | - |
| Other uses | - | - | - | - | - | - | 26996 | - | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | - | 30564 | - | - | 24706 | 26996 | 25800 | - | 25800 |
| Imports | 25800 | - | - | 23446 | - | - | 26996 | 25800 | - | 25800 |
| Exports | - | - | 30564 | - | - | 24706 | - | 25800 | - | 25800 |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | 26996 | 25800 | - | 25800 |
| Industry | 25800 | - | 30564 | 23446 | - | 24706 | 26996 | 25800 | - | 25800 |
| Other uses | 25800 | - | 30564 | 23446 | - | 24706 | 26996 | 25800 | - | 25800 |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | 14654 | - | 11900 | - | - | - | - | - | - |
| Imports | - | 14654 | - | 11900 | - | - | - | - | - | - |
| Exports | - | 14654 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | 14654 | - | - | - | - | - | - | - | - |
| Industry | - | 14654 | - | 11900 | - | - | - | - | - | - |
| Other uses | - | 14654 | - | 11900 | - | - | - | - | - | - |
| Patent fuel | - | - | - | - | - | - | - | - | 29000 | - |
| Coke oven coke | 28200 | - | - | 28200 | - | - | 25121 | - | - | - |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | - | - | - | - | - | - |
| Peat | - | - | - | - | - | - | - | 9760 | - | - |
| Charcoal | - | - | 30800 | 30800 | 30800 | 32594 | - | 30800 | 30800 | - |

Country specific net calorific values (tonne of oil equivalent per tonne)
Pouvoirs calorifiques inférieurs spécifiques par pays (tonnes d'équivalent pétrole par tonne)

2007

| | Albania | Algeria | Angola | Argentina | Armenia | Azerbaijan | Bahrain | Bangladesh | Belarus | Benin |
|--------------------------------|---------|---------|--------|-----------|---------|------------|---------|------------|---------|--------|
| Crude oil | | | | | | | | | | |
| Production | 0.9900 | 1.0340 | 1.0210 | 1.0000 | - | 1.0050 | 1.0200 | - | 1.0050 | - |
| Imports | - | 1.0120 | - | 1.0000 | - | - | 1.0200 | 1.0070 | 1.0050 | - |
| Exports | - | 1.0340 | 1.0210 | 1.0000 | - | 1.0050 | - | - | 1.0050 | - |
| Average | 0.9900 | 1.0340 | 1.0210 | 1.0000 | - | 1.0050 | 1.0200 | 1.0070 | 1.0050 | - |
| NGL | - | 1.1160 | 1.0000 | 1.0150 | - | 1.0010 | 1.0200 | 1.0200 | - | - |
| Refinery feedstocks | - | - | - | - | - | - | - | - | - | - |
| Additives | - | - | - | - | - | - | - | - | - | - |
| Other hydrocarbons | - | - | - | - | - | - | - | - | - | - |
| Biogasoline | - | - | - | - | - | - | - | - | - | - |
| Biodiesel | - | - | - | - | - | - | - | - | - | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | 0.6735 | - | 0.7200 | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Coke ovens | - | 0.6735 | - | 0.7200 | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | 0.6735 | - | 0.5900 | - | - | - | - | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | - | - | 0.5900 | - | - | - | - | - | - |
| Imports | - | - | - | 0.7200 | 0.4438 | - | - | 0.4998 | 0.5204 | - |
| Exports | - | - | - | 0.5900 | - | - | - | - | - | - |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | 0.5900 | - | - | - | - | 0.5204 | - |
| Industry | - | - | - | 0.7200 | - | - | - | 0.4998 | 0.5204 | - |
| Other uses | - | - | - | 0.5900 | 0.4438 | - | - | 0.4998 | 0.5204 | - |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | 0.2351 | - | - | - | - | - | - | - | - | - |
| Imports | 0.2351 | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | 0.2351 | - | - | - | - | - | - | - | - | - |
| Industry | 0.2351 | - | - | - | - | - | - | - | - | - |
| Other uses | 0.2351 | - | - | - | - | - | - | - | - | - |
| Patent fuel | - | - | - | - | - | - | - | - | - | - |
| Coke oven coke | - | 0.6735 | - | 0.6797 | - | - | - | - | 0.6930 | - |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | - | - | - | - | 0.3640 | - |
| Peat | - | - | - | - | - | - | - | - | 0.2430 | - |
| Charcoal | - | - | 0.7356 | 0.6500 | - | - | - | - | 0.7356 | 0.7356 |

Country specific net calorific values (tonne of oil equivalent per tonne)
Pouvoirs calorifiques inférieurs spécifiques par pays (tonnes d'équivalent pétrole par tonne)

2007

| | Bolivia | Bosnia and Herz. | Bots- wana | Brazil | Brunei Daruss. | Bulgaria | Cam- bodia | Came- roon | Chile | PR of China |
|--------------------------------|---------|---------------------|---------------|--------|-------------------|----------|---------------|---------------|--------|----------------|
| Crude oil | | | | | | | | | | |
| Production | 1.0350 | - | - | 1.0200 | 1.0210 | 0.9726 | - | 1.0140 | 1.0960 | 1.0000 |
| Imports | - | 1.0210 | - | 1.0200 | - | 1.0140 | - | 1.0140 | 1.0860 | 1.0000 |
| Exports | 1.0350 | - | - | 1.0200 | 1.0210 | - | - | 1.0140 | - | 1.0000 |
| Average | 1.0350 | 1.0210 | - | 1.0200 | 1.0210 | 1.0140 | - | 1.0140 | 1.0870 | 1.0000 |
| NGL | 1.0350 | - | - | 1.0800 | 1.0210 | - | - | - | 1.0240 | 1.0200 |
| Refinery feedstocks | - | 1.0150 | - | 1.0750 | - | 1.0700 | - | - | - | - |
| Additives | - | - | - | - | - | 0.6000 | - | - | - | - |
| Other hydrocarbons | - | - | - | - | - | 1.0000 | - | - | - | - |
| Biogasoline | - | - | - | 0.6500 | - | - | - | - | - | 0.6401 |
| Biodiesel | - | - | - | 1.0220 | - | - | - | - | - | 0.8790 |
| Other liquid biofuels | - | - | - | 0.6500 | - | 0.8790 | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | 0.5708 | - | - | - | 0.5000 |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | 0.5553 | - | - | - | - |
| Industry | - | - | - | - | - | 0.5913 | - | - | - | 0.4514 |
| Other uses | - | - | - | - | - | 0.5708 | - | - | - | 0.5412 |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | 0.6420 | - | - | - | - | - | 0.6388 |
| Imports | - | 0.7329 | - | 0.7400 | - | 0.6681 | - | - | 0.6836 | 0.6388 |
| Exports | - | - | - | - | - | - | - | - | - | 0.6388 |
| Coke ovens | - | 0.7239 | - | 0.7400 | - | 0.6668 | - | - | 0.6836 | 0.6388 |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | 0.6388 |
| Industry | - | - | - | - | - | - | - | - | - | 0.6388 |
| Other uses | - | 0.6197 | - | 0.7400 | - | 0.6681 | - | - | 0.6836 | 0.6388 |
| Other bituminous coal | | | | | | | | | | |
| Production | - | - | 0.6162 | 0.5700 | - | 0.3641 | - | - | 0.4276 | 0.5306 |
| Imports | - | - | 0.6162 | 0.5700 | - | 0.5927 | - | - | 0.5867 | 0.5000 |
| Exports | - | - | - | - | - | 0.5363 | - | - | - | 0.6500 |
| Coke ovens | - | - | - | - | - | - | - | - | - | 0.5292 |
| Main activity elec. generation | - | - | 0.6162 | 0.5700 | - | 0.6363 | - | - | 0.5778 | 0.5075 |
| Industry | - | - | 0.6162 | 0.5700 | - | 0.5625 | - | - | 0.6384 | 0.5075 |
| Other uses | - | - | 0.6162 | 0.5700 | - | 0.5479 | - | - | 0.5937 | 0.5075 |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | 0.4299 | - | 0.4360 | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | 0.4299 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | 0.4299 | - | 0.4360 | - | - | - | - | - | - |
| Industry | - | 0.4299 | - | 0.4360 | - | - | - | - | - | - |
| Other uses | - | 0.4299 | - | 0.4360 | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | 0.2124 | - | 0.3100 | - | 0.1665 | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | 0.2124 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | 0.2124 | - | 0.3100 | - | 0.1642 | - | - | - | - |
| Industry | - | 0.2124 | - | 0.3100 | - | 0.2960 | - | - | - | - |
| Other uses | - | 0.2124 | - | 0.3100 | - | 0.1696 | - | - | - | - |
| Patent fuel | - | - | - | - | - | - | - | - | - | 0.4240 |
| Coke oven coke | - | 0.6425 | - | 0.6630 | - | 0.6807 | - | - | 0.6790 | 0.6400 |
| Coal tar | - | - | - | 0.9076 | - | 0.9076 | - | - | 0.9873 | 0.8000 |
| BKB | - | - | - | - | - | 0.4361 | - | - | - | - |
| Peat | - | - | - | - | - | - | - | - | - | - |
| Charcoal | 0.7250 | - | - | 0.7356 | - | - | 0.7356 | 0.7356 | - | - |

Country specific net calorific values (tonne of oil equivalent per tonne)
Pouvoirs calorifiques inférieurs spécifiques par pays (tonnes d'équivalent pétrole par tonne)

2007

| | Chinese Taipei | Colom- bia | Congo | Dem.Rep Congo | Costa Rica | Côte d'Ivoire | Croatia | Cuba | Cyprus | Domi- nican R. |
|--------------------------------|-------------------|---------------|--------|------------------|---------------|------------------|---------|--------|--------|-------------------|
| Crude oil | | | | | | | | | | |
| Production | 1.0120 | 1.0090 | 1.0250 | 1.0070 | - | 1.0180 | 1.0127 | 0.9830 | - | - |
| Imports | 1.0120 | 1.0090 | - | - | 1.0070 | 1.0180 | 1.0127 | 0.9830 | - | 1.0070 |
| Exports | - | 1.0090 | 1.0250 | 1.0070 | - | 1.0180 | - | - | - | - |
| Average | 1.0120 | 1.0090 | 1.0250 | 1.0070 | 1.0070 | 1.0180 | 1.0127 | 0.9830 | - | 1.0070 |
| NGL | - | 1.0000 | 1.0800 | - | - | - | 1.1125 | - | - | - |
| Refinery feedstocks | - | 1.0100 | - | - | - | 1.0180 | 1.0127 | - | - | - |
| Additives | 1.0000 | - | - | - | - | - | 1.0127 | - | - | - |
| Other hydrocarbons | - | - | - | - | - | - | - | - | - | - |
| Biogasoline | - | 0.6401 | - | - | - | - | - | - | - | - |
| Biodiesel | - | - | - | - | - | - | 0.8790 | - | 0.8790 | - |
| Other liquid biofuels | - | - | - | - | - | - | - | 0.8790 | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | 0.6550 | - | - | - | - | - | 0.7001 | - | - | - |
| Exports | - | - | - | - | - | - | 0.7001 | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | 0.6300 | - | - | - | - | - | - | - | - | - |
| Other uses | 0.6400 | - | - | - | - | - | 0.5852 | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | 0.6500 | - | - | - | - | - | - | - | - |
| Imports | 0.6550 | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Coke ovens | 0.6900 | 0.6500 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | 0.6400 | 0.6500 | - | - | - | - | - | - | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | 0.6500 | - | 0.6026 | - | - | - | - | - | - |
| Imports | 0.6550 | - | - | 0.6026 | 0.6162 | - | 0.5947 | 0.6162 | 0.6774 | 0.6162 |
| Exports | - | 0.6500 | - | - | - | - | - | - | - | - |
| Coke ovens | 0.6900 | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | 0.6400 | 0.6500 | - | - | - | - | 0.5947 | - | - | 0.6162 |
| Industry | 0.6300 | 0.6500 | - | 0.6026 | 0.6162 | - | 0.5947 | 0.6162 | 0.6774 | - |
| Other uses | 0.6400 | 0.6500 | - | 0.6026 | 0.6162 | - | 0.5947 | 0.6162 | 0.6162 | 0.6162 |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | 0.4514 | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | 0.4514 | - | - | - | - | - | - | - | - | - |
| Industry | 0.4514 | - | - | - | - | - | - | - | - | - |
| Other uses | 0.4514 | - | - | - | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | 0.4398 | - | 0.2842 | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | 0.4398 | - | - | - |
| Other uses | - | - | - | - | - | - | 0.4398 | - | 0.2842 | - |
| Patent fuel | - | - | - | 0.6927 | - | - | - | - | - | - |
| Coke oven coke | 0.6735 | 0.4800 | - | 0.6735 | 0.6735 | - | 0.7001 | 0.6735 | - | 0.6735 |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | - | - | - | - | - | - |
| Peat | - | - | - | - | - | - | - | - | - | - |
| Charcoal | - | 0.7356 | 0.7356 | 0.7356 | 0.7356 | 0.7356 | - | 0.7356 | 0.7356 | 0.7356 |

Country specific net calorific values (tonne of oil equivalent per tonne)
Pouvoirs calorifiques inférieurs spécifiques par pays (tonnes d'équivalent pétrole par tonne)

2007

| | Ecuador | Egypt | EI Salvador | Eritrea | Estonia | Ethiopia | Gabon | Georgia | Ghana | Gibraltar |
|--------------------------------|---------|--------|----------------|---------|---------|----------|--------|---------|--------|-----------|
| Crude oil | | | | | | | | | | |
| Production | 1.0000 | 1.0160 | - | - | - | - | 1.0180 | 1.0050 | - | - |
| Imports | - | 1.0160 | 1.0070 | - | - | - | - | 1.0050 | 1.0180 | - |
| Exports | 1.0000 | 1.0160 | - | - | - | - | 1.0180 | 1.0050 | - | - |
| Average | 1.0000 | 1.0160 | 1.0070 | - | - | - | 1.0180 | 1.0050 | 1.0180 | - |
| NGL | 1.0140 | 1.0160 | - | - | - | - | - | - | - | - |
| Refinery feedstocks | - | - | - | - | - | - | - | - | - | - |
| Additives | - | - | - | - | - | - | - | - | - | - |
| Other hydrocarbons | - | - | - | - | 0.9280 | - | - | - | - | - |
| Biogasoline | - | - | - | - | - | - | - | - | - | - |
| Biodiesel | - | - | - | - | - | - | - | - | - | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | 0.6735 | - | - | - | - | - | - | - | - |
| Exports | - | 0.6735 | - | - | - | - | - | - | - | - |
| Coke ovens | - | 0.6735 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | 0.6735 | - | - | - | - | - | - | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | 0.6162 | - | - | - | - | - | 0.4438 | - | - |
| Imports | - | - | - | - | 0.6486 | - | - | 0.4438 | - | - |
| Exports | - | 0.6162 | - | - | - | - | - | - | - | - |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | 0.6486 | - | - | - | - | - |
| Industry | - | - | - | - | 0.6486 | - | - | 0.4438 | - | - |
| Other uses | - | 0.6162 | - | - | 0.6486 | - | - | 0.4438 | - | - |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | - | - | - | 0.2143 | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | 0.2143 | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | 0.2004 | - | - | - | - | - |
| Industry | - | - | - | - | 0.2763 | - | - | - | - | - |
| Other uses | - | - | - | - | 0.2706 | - | - | - | - | - |
| Patent fuel | - | - | - | - | - | - | - | - | - | - |
| Coke oven coke | - | 0.6735 | 0.6735 | - | 0.7000 | - | - | - | - | - |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | 0.3822 | - | - | - | - | - |
| Peat | - | - | - | - | 0.2175 | - | - | - | - | - |
| Charcoal | - | - | 0.7356 | 0.7356 | - | 0.7356 | - | - | 0.7356 | - |

Country specific net calorific values (tonne of oil equivalent per tonne)
Pouvoirs calorifiques inférieurs spécifiques par pays (tonnes d'équivalent pétrole par tonne)

2007

| | Guatemala | Haiti | Honduras | Hong Kong | India | Indonesia | Islamic Rep. Iran | Iraq | Israel | Jamaica |
|--------------------------------|-----------|--------|----------|-----------|--------|-----------|-------------------|--------|--------|---------|
| Crude oil | | | | | | | | | | |
| Production | 1.0140 | - | - | - | 1.0220 | 1.0190 | 1.0190 | 1.0230 | 1.0160 | - |
| Imports | - | - | - | - | 1.0220 | 1.0190 | 1.0190 | - | 1.0160 | 1.0070 |
| Exports | 1.0140 | - | - | - | - | 1.0190 | 1.0190 | 1.0230 | - | - |
| Average | 1.0140 | - | - | - | 1.0220 | 1.0190 | 1.0190 | 1.0230 | 1.0160 | 1.0070 |
| NGL | - | - | - | - | 1.0270 | 1.0215 | 1.0160 | 1.0230 | - | - |
| Refinery feedstocks | - | - | - | - | - | 1.0700 | - | - | 1.0700 | - |
| Additives | - | - | - | - | - | - | - | - | - | - |
| Other hydrocarbons | - | - | - | - | - | - | - | - | - | - |
| Biogasoline | - | - | - | - | 0.6401 | - | - | - | - | - |
| Biodiesel | - | - | - | - | - | - | - | - | - | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | - | 0.5800 | 0.6735 | 0.6735 | - | - | - |
| Imports | 0.6735 | - | - | - | 0.6470 | 0.6735 | 0.6735 | - | - | 0.6735 |
| Exports | - | - | - | - | 0.6735 | 0.6735 | - | - | - | - |
| Coke ovens | - | - | - | - | 0.6210 | - | 0.6735 | - | - | - |
| Main activity elec. generation | - | - | - | - | 0.6735 | - | - | - | - | - |
| Industry | 0.6735 | - | - | - | 0.6735 | - | - | - | - | 0.6735 |
| Other uses | 0.6735 | - | - | - | 0.5800 | 0.6735 | 0.6735 | - | - | 0.6735 |
| Other bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | 0.4410 | 0.6162 | 0.6162 | - | - | - |
| Imports | 0.6162 | - | 0.6162 | 0.6162 | 0.6162 | - | - | - | 0.6262 | - |
| Exports | - | - | - | - | 0.4410 | 0.6162 | 0.6162 | - | - | - |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | 0.6162 | - | - | 0.6162 | 0.4450 | - | - | - | 0.6262 | - |
| Industry | - | - | 0.6162 | 0.6162 | 0.4450 | 0.6162 | 0.6162 | - | - | - |
| Other uses | 0.6162 | - | 0.6162 | 0.6162 | 0.4450 | 0.6162 | 0.6162 | - | 0.6262 | - |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | - | 0.5255 | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | 0.5255 | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | 0.5255 | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | - | - | - | 0.2280 | 0.2842 | - | - | 0.1000 | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | 0.2842 | - | - | - | - |
| Main activity elec. generation | - | - | - | - | 0.2280 | - | - | - | 0.1000 | - |
| Industry | - | - | - | - | 0.2280 | - | - | - | 0.1000 | - |
| Other uses | - | - | - | - | 0.2280 | 0.2842 | - | - | 0.1000 | - |
| Patent fuel | - | - | - | - | - | 0.6150 | - | - | - | - |
| Coke oven coke | - | - | - | - | 0.6735 | - | 0.6735 | - | - | - |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | 0.4777 | - | - | - | - | - |
| Peat | - | - | - | - | - | - | - | - | - | - |
| Charcoal | 0.7356 | 0.7356 | - | 0.7356 | - | 0.7356 | 0.7356 | 0.7356 | 0.7356 | 0.7356 |

Country specific net calorific values (tonne of oil equivalent per tonne)
Pouvoirs calorifiques inférieurs spécifiques par pays (tonnes d'équivalent pétrole par tonne)

2007

| | Jordan | Kazakhstan | Kenya | DPR of Korea | Kuwait | Kyrgyzstan | Latvia | Lebanon | Libyan Arab J. | Lithuania |
|--------------------------------|--------|------------|--------|--------------|--------|------------|--------|---------|----------------|-----------|
| Crude oil | | | | | | | | | | |
| Production | 1.0200 | 1.0050 | - | - | 1.0160 | 1.0050 | - | - | 1.0270 | 1.0050 |
| Imports | 1.0200 | 1.0050 | 1.0050 | 1.0070 | - | 1.0050 | - | - | - | 1.0050 |
| Exports | - | 1.0050 | - | - | 1.0160 | - | - | - | 1.0270 | 1.0050 |
| Average | 1.0200 | 1.0050 | 1.0050 | 1.0070 | 1.0160 | 1.0050 | - | - | 1.0270 | 1.0050 |
| NGL | - | 1.0010 | - | - | 1.0180 | - | - | - | 1.0270 | - |
| Refinery feedstocks | - | - | - | - | - | - | - | - | - | 1.0700 |
| Additives | - | - | - | - | - | - | - | - | - | 0.6000 |
| Other hydrocarbons | - | - | - | - | - | - | 1.0000 | - | - | 0.6568 |
| Biogasoline | - | - | - | - | - | - | 0.6401 | - | - | 0.6401 |
| Biodiesel | - | - | - | - | - | - | 0.8790 | - | - | 0.8790 |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | 0.6377 | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | 0.6377 | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | 0.6377 | - | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | 0.4438 | - | - | - | - | - | - | - | - |
| Imports | - | - | - | 0.6735 | - | - | - | - | - | - |
| Exports | - | 0.4438 | - | - | - | - | - | - | - | - |
| Coke ovens | - | 0.4438 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | 0.4438 | - | 0.6735 | - | - | - | - | - | - |
| Other uses | - | 0.4438 | - | 0.6735 | - | - | - | - | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | 0.4438 | - | 0.6162 | - | 0.4438 | - | - | - | - |
| Imports | - | 0.4438 | 0.6162 | - | - | 0.4438 | 0.6263 | 0.6610 | - | 0.6000 |
| Exports | - | 0.4438 | - | - | - | 0.4438 | - | - | - | 0.6000 |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | 0.4438 | - | 0.6162 | - | 0.4438 | 0.6263 | - | - | 0.6000 |
| Industry | - | 0.4438 | 0.6162 | 0.6162 | - | 0.4438 | 0.6263 | 0.6610 | - | 0.6000 |
| Other uses | - | 0.4438 | 0.6162 | 0.6162 | - | 0.4438 | 0.6263 | 0.6610 | - | 0.6000 |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | 0.4200 | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | 0.4200 | - | - | - | - | - | - |
| Industry | - | - | - | 0.4200 | - | - | - | - | - | - |
| Other uses | - | - | - | 0.4200 | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | 0.3500 | - | - | - | 0.3500 | - | - | - | - |
| Imports | - | - | - | - | - | 0.3500 | - | - | - | - |
| Exports | - | 0.3500 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | 0.3500 | - | - | - | 0.3500 | - | - | - | - |
| Other uses | - | 0.3500 | - | - | - | 0.3500 | - | - | - | - |
| Patent fuel | - | - | - | - | - | - | - | - | - | - |
| Coke oven coke | - | 0.6000 | - | 0.6735 | - | - | 0.6399 | - | - | 0.6998 |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | - | - | - | - | - | 0.3583 |
| Peat | - | 0.2331 | - | - | - | - | 0.2400 | - | - | 0.2310 |
| Charcoal | 0.7356 | - | 0.7356 | - | - | - | 0.7356 | 0.7356 | - | 0.7356 |

Country specific net calorific values (tonne of oil equivalent per tonne)
Pouvoirs calorifiques inférieurs spécifiques par pays (tonnes d'équivalent pétrole par tonne)

2007

| | FYR of Maced. | Malaysia | Malta | Rep. of Moldova | Mongolia | Morocco | Mozam- bique | Myanmar | Namibia | Nepal |
|--------------------------------|------------------|----------|-------|--------------------|----------|---------|-----------------|---------|---------|--------|
| Crude oil | | | | | | | | | | |
| Production | - | 1.0350 | - | 1.0050 | 1.0070 | 0.9300 | - | 1.0090 | - | - |
| Imports | 1.0210 | 1.0180 | - | - | - | 1.0141 | - | - | - | - |
| Exports | - | 1.0350 | - | - | 1.0070 | - | - | 1.0090 | - | - |
| Average | 1.0210 | 1.0350 | - | 1.0050 | 1.0070 | 1.0141 | - | 1.0090 | - | - |
| NGL | - | 1.0591 | - | - | - | - | - | 1.0200 | - | - |
| Refinery feedstocks | 1.0150 | 1.0160 | - | - | - | - | - | - | - | - |
| Additives | - | - | - | - | - | - | - | - | - | - |
| Other hydrocarbons | - | 1.0060 | - | - | - | - | - | - | - | - |
| Biogasoline | - | - | - | - | - | - | - | - | - | - |
| Biodiesel | 0.8790 | - | - | - | - | - | - | - | - | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | 0.6077 | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | 0.6077 | - | - | - | - | - | - | - | - | - |
| Other uses | 0.6207 | - | - | - | - | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | - | 0.6735 | - | - | - | - | - |
| Imports | - | - | - | 0.4438 | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Coke ovens | - | - | - | - | 0.6735 | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | 0.4438 | - | - | - | - | - | - |
| Other uses | - | - | - | 0.4438 | 0.6735 | - | - | - | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | 0.5360 | - | - | 0.6830 | - | 0.5970 | 0.6162 | - | 0.6000 |
| Imports | - | 0.5360 | - | 0.4438 | - | 0.6600 | - | - | 0.5420 | 0.6000 |
| Exports | - | 0.5360 | - | - | - | - | 0.5970 | 0.6162 | - | - |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | 0.5360 | - | - | - | 0.5900 | - | - | 0.5420 | - |
| Industry | - | 0.5360 | - | 0.4438 | 0.6830 | 0.5900 | 0.5970 | 0.6162 | - | 0.6000 |
| Other uses | - | 0.5360 | - | 0.4438 | 0.6830 | 0.5900 | 0.5970 | 0.6162 | 0.5420 | 0.6000 |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | 0.5213 | - | - | - | - | - | - | - | - | - |
| Exports | 0.4037 | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | 0.5205 | - | - | - | - | - | - | - | - | - |
| Other uses | 0.4349 | - | - | - | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | 0.1927 | - | - | - | 0.3440 | - | - | 0.2842 | - | - |
| Imports | 0.3253 | - | - | - | 0.3440 | - | - | - | - | - |
| Exports | - | - | - | - | 0.3440 | - | - | 0.2842 | - | - |
| Main activity elec. generation | 0.1919 | - | - | - | 0.3440 | - | - | - | - | - |
| Industry | 0.1646 | - | - | - | 0.3440 | - | - | 0.2842 | - | - |
| Other uses | 0.1646 | - | - | - | 0.3440 | - | - | 0.2842 | - | - |
| Patent fuel | - | - | - | - | - | - | - | - | - | - |
| Coke oven coke | 0.5990 | - | - | - | 0.6735 | - | - | - | - | - |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | - | - | - | - | - | - |
| Peat | 0.2097 | - | - | - | - | - | - | - | - | - |
| Charcoal | - | 0.7356 | - | - | 0.7356 | - | 0.7170 | 0.7356 | - | 0.7101 |

Country specific net calorific values (tonne of oil equivalent per tonne)
Pouvoirs calorifiques inférieurs spécifiques par pays (tonnes d'équivalent pétrole par tonne)

2007

| | Neth. Antilles | Nica- ragua | Nigeria | Oman | Pakistan | Panama | Paraguay | Peru | Philippi- nes | Qatar |
|--------------------------------|-------------------|----------------|---------|--------|----------|--------|----------|--------|------------------|--------|
| Crude oil | | | | | | | | | | |
| Production | - | - | 1.0210 | 1.0200 | 1.0029 | - | - | 1.0210 | 1.0170 | 1.0240 |
| Imports | 1.0070 | 0.9760 | - | - | 1.0369 | - | - | 1.0070 | 1.0170 | - |
| Exports | - | - | 1.0210 | 1.0200 | - | - | - | 1.0210 | - | 1.0240 |
| Average | 1.0070 | 0.9760 | 1.0210 | 1.0200 | 1.0271 | - | - | 1.0210 | 1.0170 | 1.0240 |
| NGL | - | - | 1.0210 | 1.0200 | 1.0240 | - | - | 1.0210 | 1.0000 | 1.0270 |
| Refinery feedstocks | 1.0700 | - | - | - | - | - | - | - | - | - |
| Additives | - | - | - | - | 0.6000 | - | - | - | - | - |
| Other hydrocarbons | - | - | - | - | - | - | - | - | - | - |
| Biogasoline | - | - | - | - | - | - | 0.6401 | - | 0.6401 | - |
| Biodiesel | - | - | - | - | - | - | - | - | 0.8790 | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | 0.6579 | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Coke ovens | - | - | - | - | 0.6579 | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | 0.4474 | - | - | - | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | - | 0.6162 | - | 0.4256 | - | - | 0.7000 | 0.4800 | - |
| Imports | - | - | - | - | 0.6255 | - | - | 0.7000 | 0.6000 | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | 0.5401 | - | - | 0.7000 | 0.5810 | - |
| Industry | - | - | 0.6162 | - | 0.5401 | - | - | 0.7000 | 0.5810 | - |
| Other uses | - | - | 0.6162 | - | 0.5401 | - | - | 0.7000 | 0.5810 | - |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | 0.2842 | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | 0.2842 | - |
| Other uses | - | - | - | - | - | - | - | - | 0.2842 | - |
| Patent fuel | - | - | - | - | - | - | - | - | - | - |
| Coke oven coke | - | - | - | - | 0.6735 | - | - | 0.6735 | 0.6735 | - |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | - | - | - | - | - | - |
| Peat | - | - | - | - | - | - | - | - | - | - |
| Charcoal | - | 0.7356 | 0.7356 | - | 0.7356 | 0.7356 | 0.6900 | 0.6500 | 0.5996 | 0.7356 |

Country specific net calorific values (tonne of oil equivalent per tonne)
Pouvoirs calorifiques inférieurs spécifiques par pays (tonnes d'équivalent pétrole par tonne)

2007

| | Romania | Russian Fed. | Saudi Arabia | Senegal | Serbia | Singapore | Slovenia | South Africa | Sri Lanka | Sudan |
|--------------------------------|---------|--------------|--------------|---------|--------|-----------|----------|--------------|-----------|--------|
| Crude oil | | | | | | | | | | |
| Production | 0.9708 | 1.0050 | 1.0160 | - | 1.0210 | - | - | 0.9678 | - | 1.0180 |
| Imports | 0.9708 | 1.0050 | - | 1.0180 | 1.0210 | 1.0200 | - | 0.9678 | 1.0300 | - |
| Exports | - | 1.0050 | 1.0160 | - | - | 1.0200 | - | 0.9678 | - | 1.0180 |
| Average | 0.9708 | 1.0050 | 1.0160 | 1.0180 | 1.0210 | 1.0200 | - | 0.9678 | 1.0300 | 1.0180 |
| NGL | 1.0790 | 1.0010 | 1.0730 | - | 1.0800 | - | - | 1.0209 | - | - |
| Refinery feedstocks | 1.0700 | - | - | - | 1.0150 | - | - | - | - | - |
| Additives | - | - | - | - | 1.0000 | - | - | - | - | - |
| Other hydrocarbons | 0.9280 | - | - | - | - | - | - | 0.9678 | - | - |
| Biogasoline | - | - | - | - | - | - | - | - | - | - |
| Biodiesel | 0.8790 | - | - | - | - | - | 0.8790 | - | - | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | 0.5453 | - | - | - | - | - | - | - | - |
| Imports | 0.6098 | 0.5453 | - | - | 0.5171 | - | - | - | - | - |
| Exports | - | 0.5453 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | 0.6098 | - | - | - | 0.5183 | - | - | - | - | - |
| Other uses | 0.6098 | 0.5453 | - | - | 0.5065 | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | 0.5453 | - | - | - | - | - | 0.7403 | - | - |
| Imports | 0.6568 | - | - | - | - | - | - | 0.7403 | - | - |
| Exports | 0.5749 | 0.5453 | - | - | - | - | - | 0.7403 | - | - |
| Coke ovens | 0.6568 | 0.5453 | - | - | - | - | - | 0.7403 | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | 0.6568 | - | - | - | - | - | - | - | - | - |
| Other uses | 0.6564 | 0.5453 | - | - | - | - | - | 0.7403 | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | 0.5453 | - | - | - | - | - | 0.5636 | - | - |
| Imports | - | 0.5453 | - | 0.6190 | 0.5447 | - | 0.6065 | - | 0.7000 | - |
| Exports | - | 0.5453 | - | - | 0.5399 | - | 0.7197 | 0.6686 | - | - |
| Coke ovens | - | 0.5453 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | 0.5453 | - | - | - | - | - | 0.4800 | - | - |
| Industry | - | 0.5453 | - | 0.6190 | 0.5433 | - | 0.5925 | 0.6448 | 0.7000 | - |
| Other uses | - | 0.5453 | - | 0.6190 | 0.6520 | - | 0.6000 | 0.6448 | 0.6162 | - |
| Sub-bituminous coal | | | | | | | | | | |
| Production | 0.4468 | - | - | - | 0.4899 | - | - | - | - | - |
| Imports | 0.4469 | - | - | - | 0.4180 | - | 0.4554 | - | - | - |
| Exports | - | - | - | - | 0.4891 | - | 0.4554 | - | - | - |
| Main activity elec. generation | 0.4469 | - | - | - | 0.4716 | - | 0.4870 | - | - | - |
| Industry | 0.4473 | - | - | - | 0.3945 | - | 0.4393 | - | - | - |
| Other uses | 0.4469 | - | - | - | 0.4057 | - | 0.4506 | - | - | - |
| Lignite | | | | | | | | | | |
| Production | 0.1875 | 0.3801 | - | - | 0.1904 | - | 0.2733 | - | - | - |
| Imports | 0.1746 | 0.3801 | - | - | 0.4037 | - | 0.3490 | - | - | - |
| Exports | - | 0.3801 | - | - | 0.1904 | - | - | - | - | - |
| Main activity elec. generation | 0.1829 | 0.3801 | - | - | 0.1894 | - | 0.2711 | - | - | - |
| Industry | 0.1854 | 0.3801 | - | - | 0.2404 | - | - | - | - | - |
| Other uses | 0.1856 | 0.3801 | - | - | 0.3117 | - | 0.2727 | - | - | - |
| Patent fuel | - | - | - | - | - | - | - | - | - | - |
| Coke oven coke | 0.6298 | 0.6930 | - | - | 0.6855 | 0.6735 | 0.7209 | 0.6329 | 0.6735 | - |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | 0.4200 | - | - | 0.4224 | - | - | - | - | - |
| Peat | 0.2099 | 0.2380 | - | - | - | - | - | - | - | - |
| Charcoal | - | - | 0.7356 | 0.6900 | - | - | - | 0.7356 | 0.7356 | 0.7200 |

Country specific net calorific values (tonne of oil equivalent per tonne)
Pouvoirs calorifiques inférieurs spécifiques par pays (tonnes d'équivalent pétrole par tonne)

2007

| | Syrian Arab R. | Tajiki-stan | United R. Tanzania | Thailand | Togo | Trinidad and Tob. | Tunisia | Turkmeni-stan | Ukraine | United A. Emirates |
|--------------------------------|----------------|-------------|--------------------|----------|--------|-------------------|---------|---------------|---------|--------------------|
| Crude oil | | | | | | | | | | |
| Production | 1.0040 | 1.0050 | - | 1.0180 | - | 1.0090 | 1.0300 | 1.0050 | 1.0050 | 1.0180 |
| Imports | 1.0040 | - | - | 1.0180 | - | 1.0090 | 1.0300 | - | 1.0050 | - |
| Exports | 1.0040 | 1.0050 | - | 1.0180 | - | 1.0090 | 1.0300 | 1.0050 | 1.0050 | 1.0180 |
| Average | 1.0040 | 1.0050 | - | 1.0180 | - | 1.0090 | 1.0300 | 1.0050 | 1.0050 | 1.0180 |
| NGL | - | - | - | 1.1190 | - | 1.0000 | 1.0300 | 1.0010 | 1.0010 | 1.0180 |
| Refinery feedstocks | - | - | - | 1.0700 | - | - | - | - | 1.0700 | - |
| Additives | - | - | - | - | - | - | - | - | 1.0000 | - |
| Other hydrocarbons | - | - | - | - | - | - | - | - | - | - |
| Biogasoline | - | - | - | 0.6401 | - | - | - | - | - | - |
| Biodiesel | - | - | - | 0.8790 | - | - | - | - | - | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | 0.5054 | - |
| Imports | - | - | - | 0.6300 | - | - | - | - | 0.6100 | - |
| Exports | - | - | - | - | - | - | - | - | 0.5156 | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | 0.5054 | - |
| Industry | - | - | - | 0.6300 | - | - | - | - | - | - |
| Other uses | - | - | - | 0.6300 | - | - | - | - | 0.5054 | - |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | 0.6832 | - |
| Imports | - | 0.4438 | - | - | - | - | - | - | 0.6100 | - |
| Exports | - | - | - | - | - | - | - | - | 0.5156 | - |
| Coke ovens | - | - | - | - | - | - | - | - | 0.6832 | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | 0.4438 | - | - | - | - | - | - | 0.6832 | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | 0.4438 | 0.6162 | - | - | - | - | - | 0.5054 | - |
| Imports | - | 0.4438 | - | 0.6300 | - | - | - | - | 0.6100 | - |
| Exports | - | - | - | - | - | - | - | - | 0.5156 | - |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | 0.6300 | - | - | - | - | 0.5054 | - |
| Industry | - | - | 0.6162 | 0.6300 | - | - | - | - | 0.5054 | - |
| Other uses | - | 0.4438 | 0.6162 | 0.6300 | - | - | - | - | 0.5054 | - |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | 0.3500 | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | 0.3500 | - | - | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | - | - | 0.2900 | - | - | - | - | 0.1848 | - |
| Imports | - | - | - | - | - | - | - | - | 0.3500 | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | 0.2580 | - | - | - | - | 0.1848 | - |
| Industry | - | - | - | 0.4359 | - | - | - | - | 0.1848 | - |
| Other uses | - | - | - | 0.2900 | - | - | - | - | 0.1848 | - |
| Patent fuel | - | - | - | - | - | - | - | - | 0.6927 | - |
| Coke oven coke | 0.6735 | 0.6000 | - | 0.6735 | - | - | - | - | 0.6000 | - |
| Coal tar | - | - | - | - | - | - | - | - | 0.9076 | - |
| BKB | - | - | - | 0.4777 | - | - | - | - | 0.4777 | - |
| Peat | - | - | - | - | - | - | - | - | 0.2331 | - |
| Charcoal | 0.7356 | - | 0.7356 | 0.7356 | 0.7356 | - | 0.7356 | - | 0.7356 | 0.7356 |

Country specific net calorific values (tonne of oil equivalent per tonne)
Pouvoirs calorifiques inférieurs spécifiques par pays (tonnes d'équivalent pétrole par tonne)

2007

| | Uruguay | Uzbeki- stan | Vene- zuela | Vietnam | Yemen | Zambia | Zimbab- we | Other Africa | Other Latin Am. | Other Asia |
|--------------------------------|---------|-----------------|----------------|---------|--------|--------|---------------|-----------------|--------------------|------------|
| Crude oil | | | | | | | | | | |
| Production | - | 1.0050 | 1.0685 | 1.0180 | 1.0270 | - | - | 1.0070 | 1.0070 | 1.0070 |
| Imports | 1.0096 | - | - | - | - | 1.0199 | - | 1.0070 | 1.0070 | 1.0070 |
| Exports | - | - | 1.0685 | 1.0180 | 1.0270 | - | - | 1.0070 | 1.0070 | 1.0070 |
| Average | 1.0096 | 1.0050 | 1.0685 | 1.0180 | 1.0270 | 1.0199 | - | 1.0070 | 1.0070 | 1.0070 |
| NGL | - | 1.0010 | 1.0030 | 1.0200 | 1.0160 | - | - | - | - | 1.0200 |
| Refinery feedstocks | - | - | - | - | - | - | - | - | - | - |
| Additives | - | 0.6000 | - | - | - | - | - | - | - | - |
| Other hydrocarbons | - | 1.0000 | - | - | - | - | - | - | - | - |
| Biogasoline | - | - | - | - | - | - | - | - | - | - |
| Biodiesel | - | - | - | - | - | - | - | - | - | - |
| Other liquid biofuels | - | - | - | - | - | - | - | - | - | - |
| Anthracite | | | | | | | | | | |
| Production | - | - | - | 0.5600 | - | - | - | - | - | - |
| Imports | - | - | - | 0.5600 | - | - | - | - | - | - |
| Exports | - | - | - | 0.5600 | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | 0.5600 | - | - | - | - | - | - |
| Industry | - | - | - | 0.5600 | - | - | - | - | - | - |
| Other uses | - | - | - | 0.5600 | - | - | - | - | - | - |
| Coking coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | 0.6448 | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Coke ovens | - | - | - | - | - | - | 0.6448 | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | 0.6448 | - | - | - |
| Other uses | - | - | - | - | - | - | 0.6448 | - | - | - |
| Other bituminous coal | | | | | | | | | | |
| Production | - | - | 0.7300 | - | - | 0.5901 | 0.6448 | 0.6162 | - | 0.6162 |
| Imports | 0.6162 | - | - | 0.5600 | - | - | 0.6448 | 0.6162 | - | 0.6162 |
| Exports | - | - | 0.7300 | - | - | 0.5901 | - | 0.6162 | - | 0.6162 |
| Coke ovens | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | 0.6448 | 0.6162 | - | 0.6162 |
| Industry | 0.6162 | - | 0.7300 | 0.5600 | - | 0.5901 | 0.6448 | 0.6162 | - | 0.6162 |
| Other uses | 0.6162 | - | 0.7300 | 0.5600 | - | 0.5901 | 0.6448 | 0.6162 | - | 0.6162 |
| Sub-bituminous coal | | | | | | | | | | |
| Production | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | - | - | - | - | - | - | - | - |
| Exports | - | - | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | - | - | - | - | - | - | - | - | - |
| Industry | - | - | - | - | - | - | - | - | - | - |
| Other uses | - | - | - | - | - | - | - | - | - | - |
| Lignite | | | | | | | | | | |
| Production | - | 0.3500 | - | 0.2842 | - | - | - | - | - | - |
| Imports | - | 0.3500 | - | 0.2842 | - | - | - | - | - | - |
| Exports | - | 0.3500 | - | - | - | - | - | - | - | - |
| Main activity elec. generation | - | 0.3500 | - | - | - | - | - | - | - | - |
| Industry | - | 0.3500 | - | 0.2842 | - | - | - | - | - | - |
| Other uses | - | 0.3500 | - | 0.2842 | - | - | - | - | - | - |
| Patent fuel | - | - | - | - | - | - | - | - | 0.6927 | - |
| Coke oven coke | 0.6735 | - | - | 0.6735 | - | - | 0.6000 | - | - | - |
| Coal tar | - | - | - | - | - | - | - | - | - | - |
| BKB | - | - | - | - | - | - | - | - | - | - |
| Peat | - | - | - | - | - | - | - | 0.2331 | - | - |
| Charcoal | - | - | 0.7356 | 0.7356 | 0.7356 | 0.7785 | - | 0.7356 | 0.7356 | - |

**GRAPHS AND
ENERGY BALANCE SHEETS**

**GRAPHIQUES ET
BILANS ENERGETIQUES**

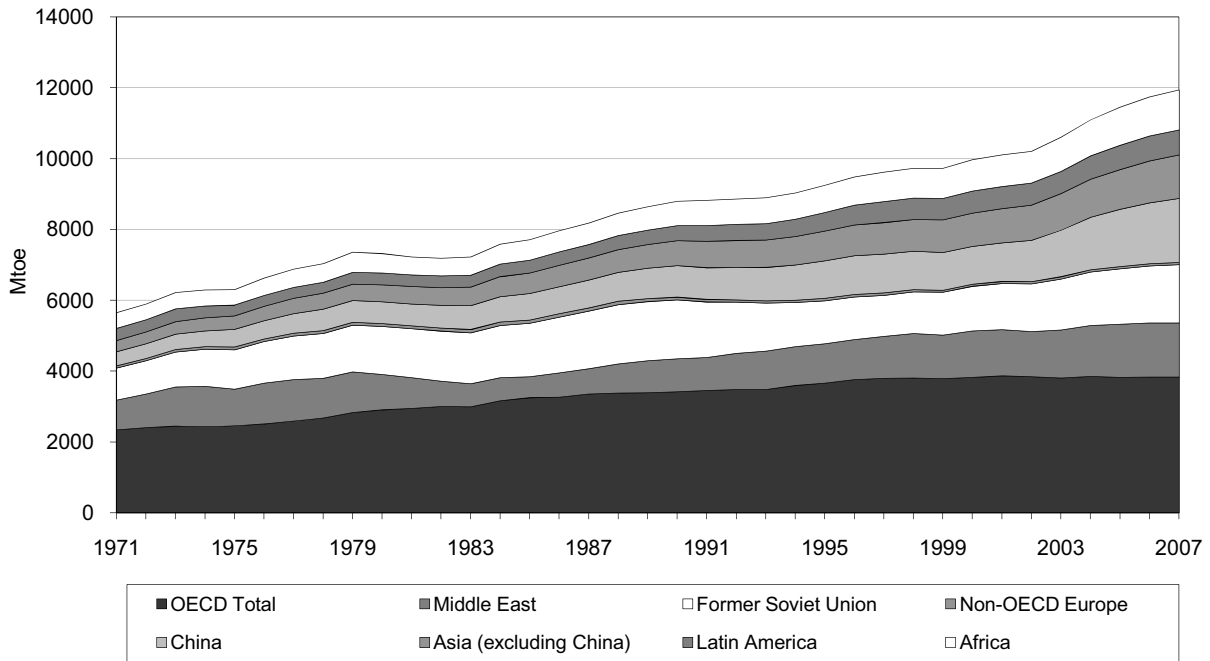
2006-2007

REGIONAL TOTALS

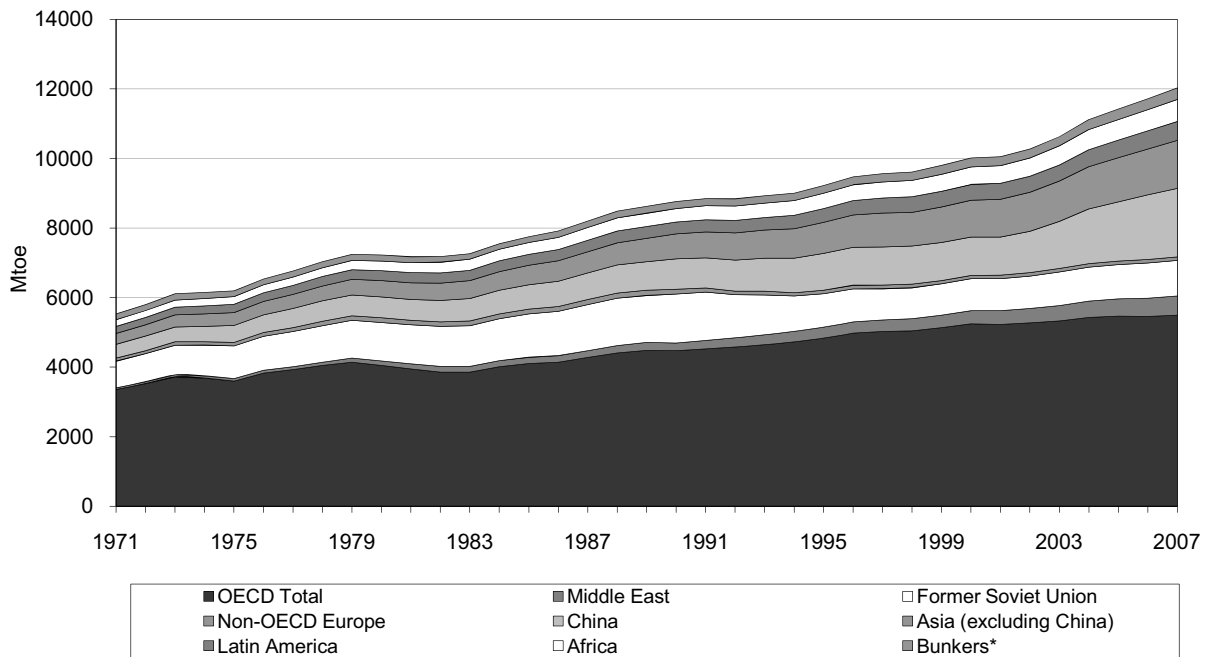
TOTAUX REGIONAUX

World / Monde

Total production of energy by region



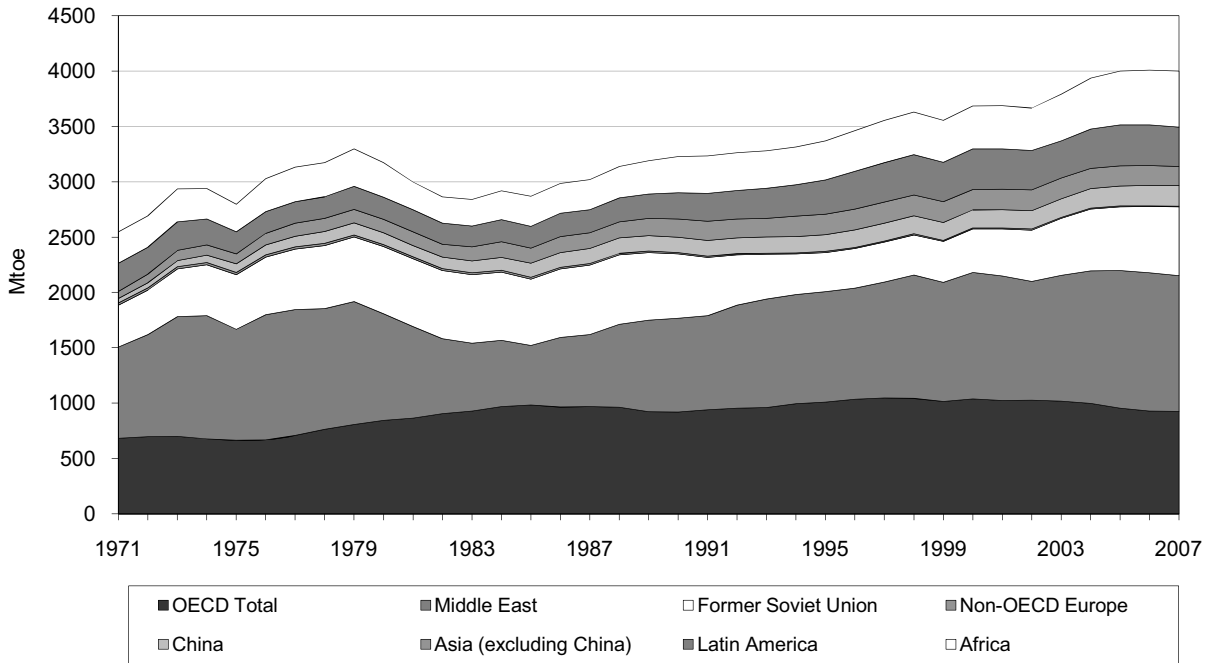
Total primary energy supply (TPES) by region



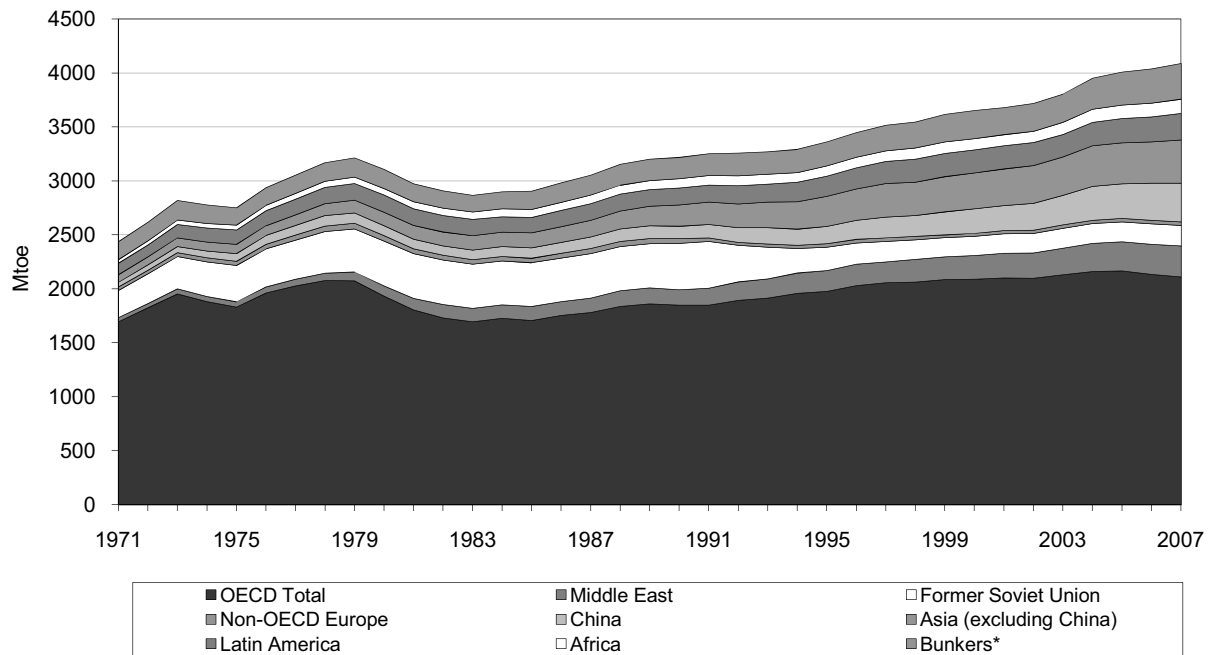
* Includes world marine bunkers and world aviation bunkers.

World / Monde

Production of crude oil and NGL by region



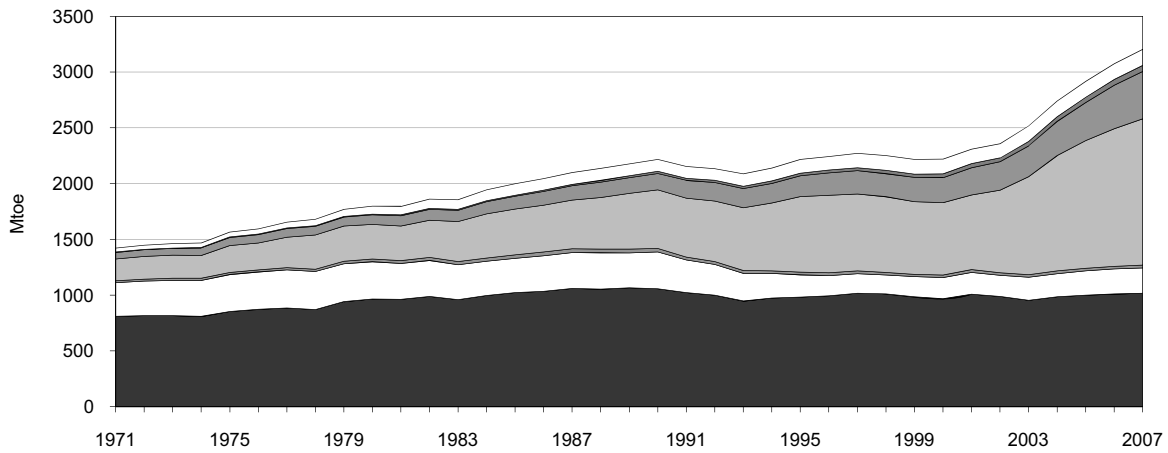
Primary supply of oil by region



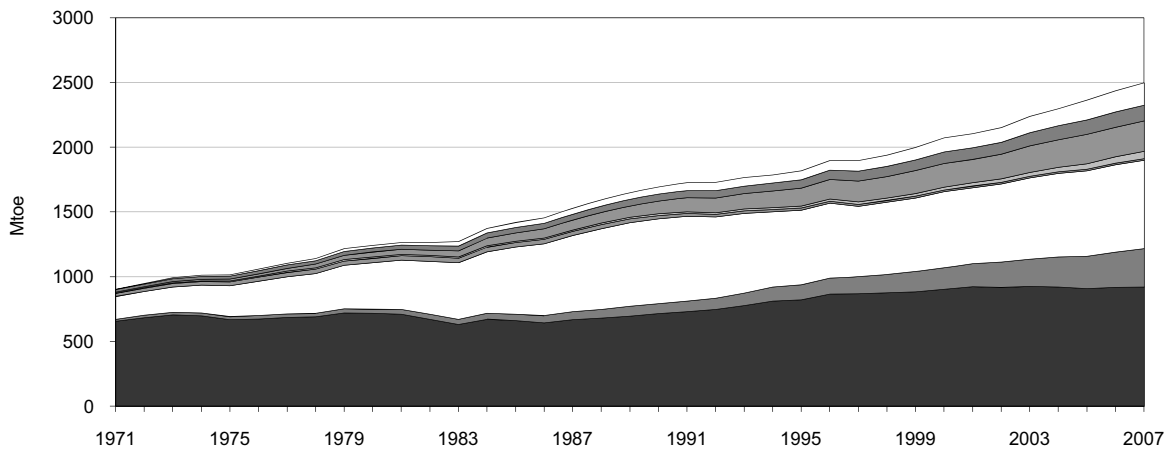
* Includes world marine bunkers and world aviation bunkers.

World / Monde

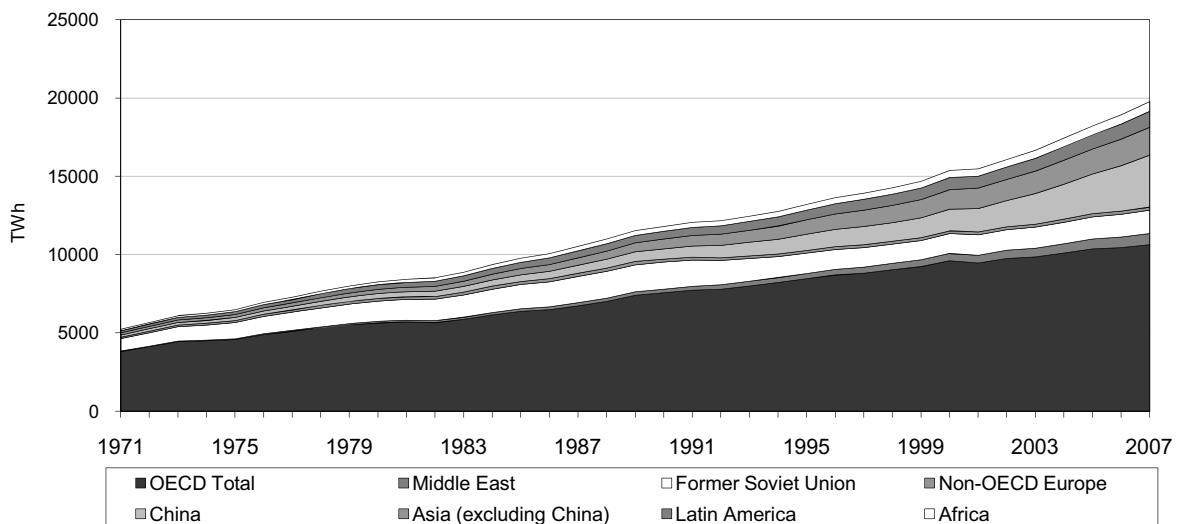
Production of coal/peat by region



Production of natural gas by region



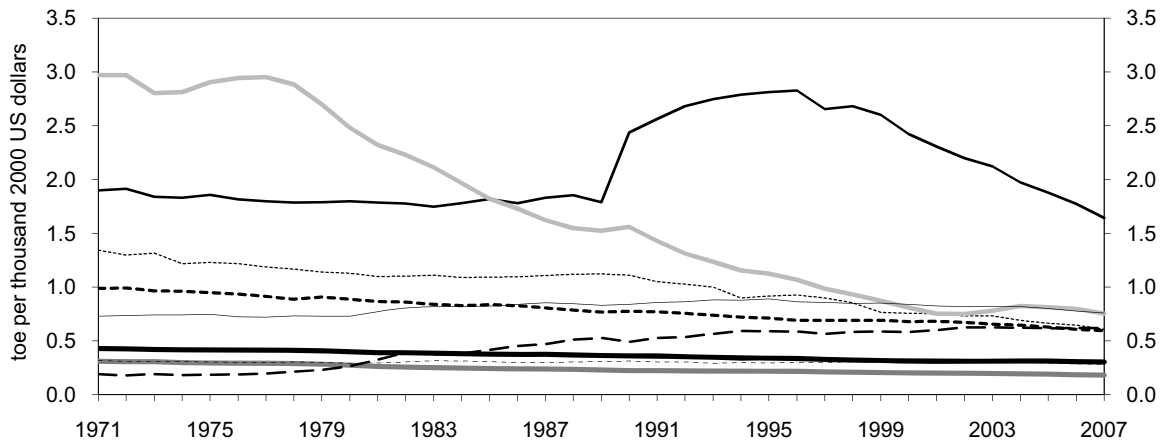
Electricity generation* by region



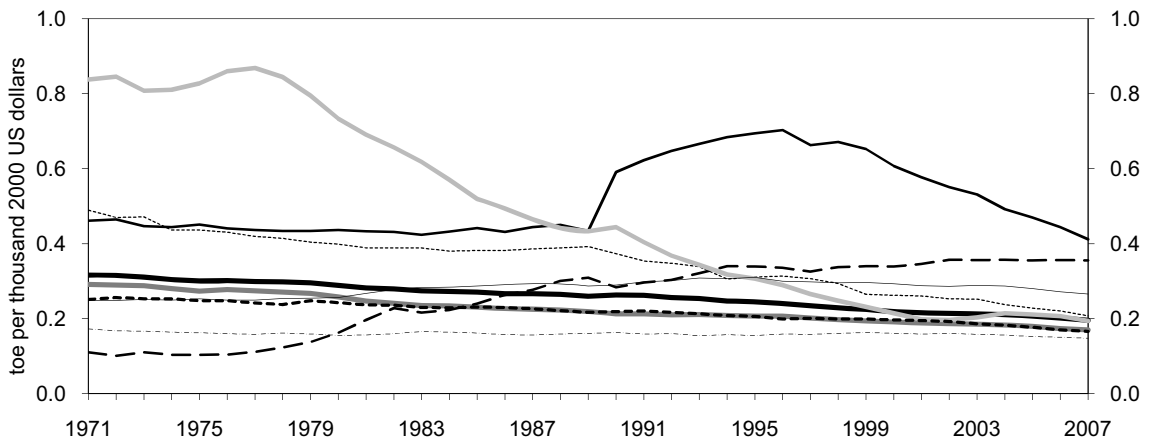
* Excludes production from pumped storage.

World / Monde

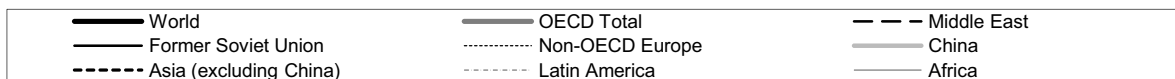
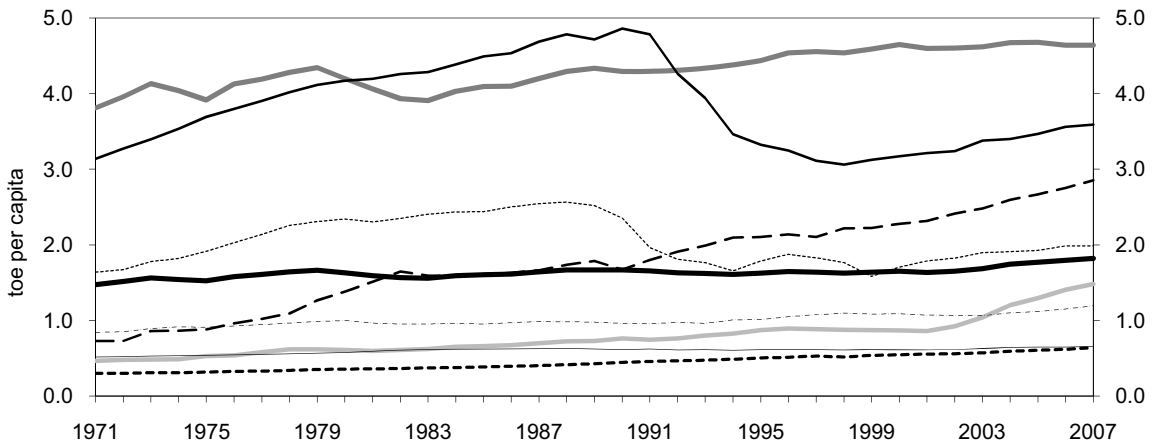
TPES/GDP



TPES/GDP PPP



TPES/population



World / Monde

Figure 1. Energy production

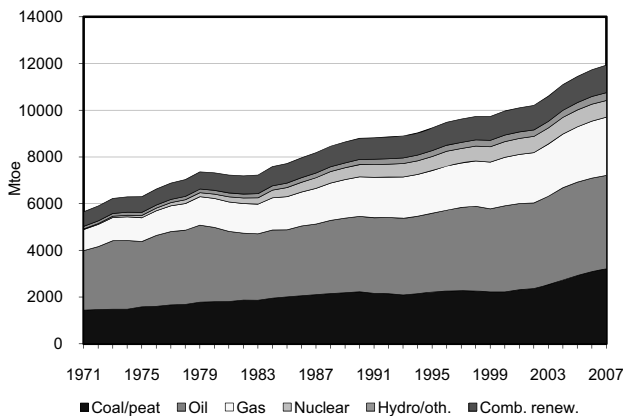


Figure 2. Total primary energy supply*

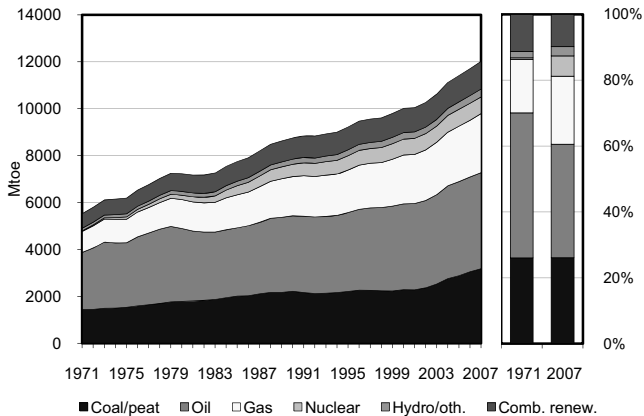


Figure 3. Energy self-sufficiency**

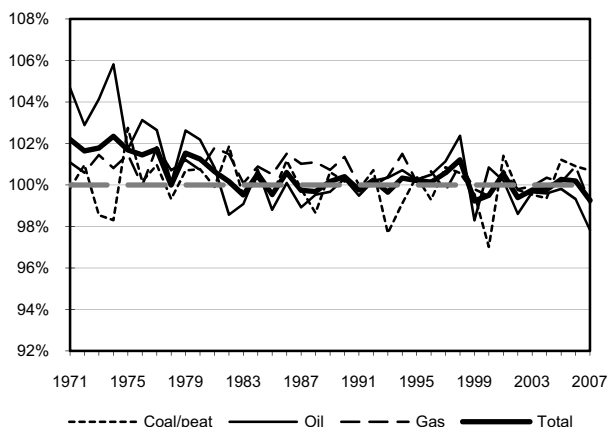


Figure 4. Oil products demand***

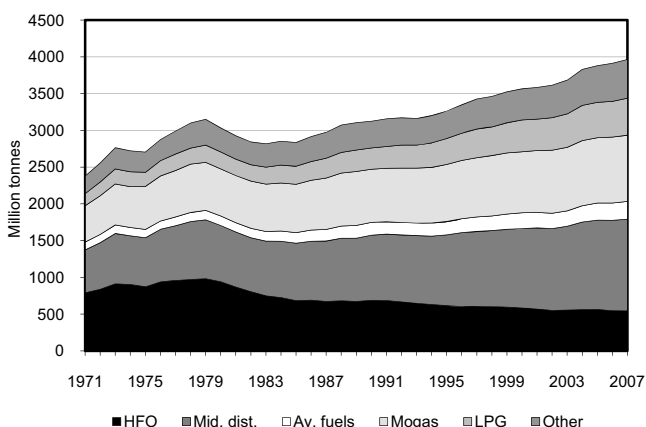


Figure 5. Electricity generation by fuel

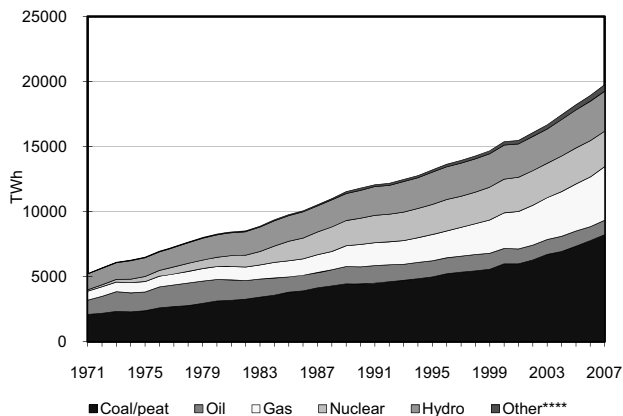
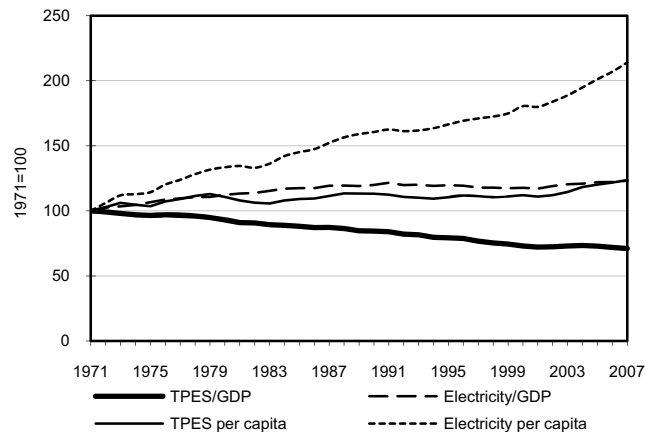


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

World / Monde

2006

| Million tonnes of oil equivalent / Millions de tonnes d'équivalent pétrole | | | | | | | | | | | |
|--|------------------|----------------|---------------------|----------------|----------------|----------------|------------------------|-------------------------|----------------|---------------|-----------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | 3081.69 | 4011.42 | - | 2437.44 | 728.01 | 260.86 | 66.68 | 1146.03 | - | 9.88 | 11742.01 |
| Imports | 557.32 | 2322.52 | 951.76 | 733.69 | - | - | - | 5.26 | 52.52 | - | 4623.07 |
| Exports | -566.09 | -2218.55 | -1016.64 | -725.70 | - | - | - | -4.30 | -52.80 | -0.01 | -4584.08 |
| Stock changes | -18.98 | -4.81 | -6.85 | -29.66 | - | - | - | -0.62 | - | - | -60.92 |
| TPES | 3053.94 | 4110.58 | -71.73 | 2415.77 | 728.01 | 260.86 | 66.68 | 1146.37 | -0.28 | 9.88 | 11720.08 |
| Transfers | - | -134.39 | 153.19 | - | - | - | - | - | - | - | 18.79 |
| Statistical differences | 4.13 | -15.60 | 1.31 | 3.62 | - | - | - | 0.09 | 0.02 | 0.16 | -6.27 |
| Electricity plants | -1779.45 | -21.64 | -214.78 | -561.87 | -720.53 | -260.86 | -53.75 | -38.52 | 1457.88 | -0.66 | -2194.18 |
| CHP plants | -196.18 | -0.05 | -30.22 | -289.05 | -7.48 | - | -1.07 | -30.99 | 170.49 | 157.63 | -226.93 |
| Heat plants | -98.21 | -0.77 | -13.60 | -90.66 | - | - | -0.14 | -7.43 | -0.34 | 171.49 | -39.65 |
| Gas works | -13.87 | - | -3.26 | 11.13 | - | - | - | - | - | - | -6.00 |
| Petroleum refineries | - | -3951.59 | 3896.45 | -0.63 | - | - | - | - | - | - | -55.77 |
| Coal transformation | -182.76 | 0.02 | -3.20 | -0.17 | - | - | - | -0.01 | - | - | -186.11 |
| Liquefaction plants | -18.94 | 8.57 | - | -5.59 | - | - | - | - | - | - | -15.96 |
| Other transformation | - | 28.97 | -30.31 | -2.14 | - | - | - | -51.76 | - | - | -55.23 |
| Own use | -66.62 | -8.70 | -214.49 | -208.43 | - | - | - | -9.46 | -139.68 | -38.59 | -685.98 |
| Distribution losses | -2.46 | -4.56 | -0.36 | -27.14 | - | - | -0.21 | -0.23 | -140.02 | -23.39 | -198.36 |
| TFC | 699.57 | 10.85 | 3469.01 | 1244.84 | - | - | 11.51 | 1008.06 | 1348.07 | 276.52 | 8068.42 |
| INDUSTRY SECTOR | 551.33 | 3.98 | 322.50 | 437.17 | - | - | 0.42 | 186.91 | 561.14 | 120.56 | 2184.01 |
| Iron and steel | 208.06 | 0.01 | 14.46 | 56.59 | - | - | - | 6.20 | 74.58 | 12.75 | 372.65 |
| Chemical and petrochemical | 47.33 | 0.04 | 58.05 | 114.02 | - | - | - | 2.38 | 88.42 | 38.11 | 348.35 |
| Non-ferrous metals | 11.85 | - | 7.55 | 16.89 | - | - | - | 0.12 | 61.19 | 2.56 | 100.16 |
| Non-metallic minerals | 137.37 | 0.01 | 37.54 | 49.64 | - | - | - | 5.57 | 35.12 | 2.63 | 267.87 |
| Transport equipment | 3.64 | - | 2.81 | 9.90 | - | - | - | - | 14.57 | 3.36 | 34.29 |
| Machinery | 11.25 | 0.01 | 10.72 | 21.24 | - | - | - | 0.07 | 55.04 | 4.70 | 103.04 |
| Mining and quarrying | 7.05 | - | 14.54 | 10.11 | - | - | 0.03 | 0.01 | 22.45 | 2.56 | 56.76 |
| Food and tobacco | 19.07 | 0.04 | 25.35 | 31.00 | - | - | 0.01 | 30.39 | 31.78 | 9.68 | 147.32 |
| Paper pulp and printing | 19.21 | - | 13.47 | 24.60 | - | - | 0.14 | 53.97 | 42.40 | 9.17 | 162.94 |
| Wood and wood products | 2.07 | - | 3.33 | 2.67 | - | - | - | 10.47 | 7.46 | 2.00 | 28.00 |
| Construction | 5.14 | 0.02 | 19.63 | 4.94 | - | - | - | 0.17 | 5.77 | 1.18 | 36.86 |
| Textile and leather | 10.69 | 0.02 | 7.68 | 7.47 | - | - | - | 0.22 | 20.76 | 6.26 | 53.10 |
| Non-specified | 68.58 | 3.82 | 107.35 | 88.10 | - | - | 0.25 | 77.34 | 101.60 | 25.62 | 472.66 |
| TRANSPORT SECTOR | 3.78 | 0.01 | 2107.90 | 71.04 | - | - | - | 24.86 | 22.44 | 0.09 | 2230.12 |
| World aviation bunkers | - | - | 135.04 | - | - | - | - | - | - | - | 135.04 |
| Domestic aviation | - | - | 111.48 | - | - | - | - | - | - | - | 111.48 |
| Road | - | - | 1593.57 | 9.92 | - | - | - | 24.85 | - | - | 1628.34 |
| Rail | 3.70 | - | 37.23 | - | - | - | - | - | 16.43 | - | 57.36 |
| Pipeline transport | - | 0.01 | 5.42 | 60.76 | - | - | - | - | 3.02 | - | 69.21 |
| World marine bunkers | - | - | 182.35 | - | - | - | - | - | - | - | 182.35 |
| Domestic navigation | 0.08 | - | 38.67 | - | - | - | - | - | - | - | 38.75 |
| Non-specified | - | - | 4.14 | 0.36 | - | - | - | 0.01 | 2.99 | 0.09 | 7.59 |
| OTHER SECTORS | 114.80 | 0.32 | 467.56 | 596.43 | - | - | 11.09 | 796.28 | 764.48 | 155.87 | 2906.83 |
| Residential | 71.23 | - | 228.96 | 400.73 | - | - | 5.92 | 749.91 | 371.31 | 97.24 | 1925.30 |
| Comm. and publ. services | 17.03 | 0.03 | 109.07 | 157.43 | - | - | 1.02 | 15.43 | 318.85 | 28.65 | 647.52 |
| Agriculture/forestry | 13.90 | 0.01 | 112.11 | 6.26 | - | - | 0.20 | 6.73 | 34.94 | 3.69 | 177.83 |
| Fishing | 0.02 | - | 5.44 | 0.03 | - | - | - | - | 0.34 | 0.01 | 5.84 |
| Non-specified | 12.62 | 0.28 | 11.98 | 31.98 | - | - | 3.94 | 24.21 | 39.05 | 26.27 | 150.33 |
| NON-ENERGY USE | 29.66 | 6.55 | 571.05 | 140.19 | - | - | - | 0.01 | - | - | 747.46 |
| in industry/transf./energy | 29.10 | 6.55 | 561.77 | 140.19 | - | - | - | - | - | - | 737.61 |
| of which: feedstocks | 1.84 | 6.45 | 354.63 | 137.56 | - | - | - | - | - | - | 500.48 |
| in transport | - | - | 5.26 | - | - | - | - | - | - | - | 5.26 |
| in other sectors | 0.56 | - | 4.02 | - | - | - | - | 0.01 | - | - | 4.59 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. Generated - GWh | 7771909 | 27266 | 1049629 | 3820767 | 2791471 | 3033252 | 197971 | 240727 | - | 1501 | 18934493 |
| Electricity plants | 7132263 | 27118 | 932416 | 2734491 | 2764808 | 3033252 | 195451 | 130775 | - | 1020 | 16951594 |
| CHP plants | 639646 | 148 | 117213 | 1086276 | 26663 | - | 2520 | 109952 | - | 481 | 1982899 |
| Heat Generated - TJ | 4977354 | 117 | 980630 | 6919840 | 22399 | - | 24690 | 595303 | 7071 | 668552 | 14195956 |
| CHP plants | 2008135 | 117 | 467250 | 3640385 | 22399 | - | 9524 | 344760 | 1459 | 119907 | 6613936 |
| Heat plants | 2969219 | - | 513380 | 3279455 | - | - | 15166 | 250543 | 5612 | 548645 | 7582020 |

World / Monde

2007

Million tonnes of oil equivalent / Millions de tonnes d'équivalent pétrole

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|---|------------------|----------------|---------------------|----------------|----------------|----------------|------------------------|-------------------------|----------------|---------------|-----------------|
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | 3208.54 | 4000.95 | - | 2498.03 | 709.14 | 264.74 | 73.64 | 1175.12 | - | 9.37 | 11939.53 |
| Imports | 589.63 | 2350.05 | 972.51 | 757.55 | - | - | - | 5.58 | 53.26 | - | 4728.59 |
| Exports | -602.67 | -2217.49 | -1024.66 | -742.66 | - | - | - | -4.65 | -53.34 | -0.01 | -4645.48 |
| Stock changes | -9.18 | -1.54 | 10.07 | 6.94 | - | - | - | 0.34 | - | - | 6.64 |
| TPES | 3186.32 | 4131.97 | -42.08 | 2519.87 | 709.14 | 264.74 | 73.64 | 1176.39 | -0.08 | 9.37 | 12029.27 |
| Transfers | - | -146.65 | 166.61 | - | - | - | - | - | - | - | 19.96 |
| Statistical differences | 12.77 | -7.61 | -12.31 | 13.83 | - | - | - | -0.25 | 0.12 | 0.45 | 7.00 |
| Electricity plants | -1883.67 | -27.11 | -216.90 | -609.03 | -702.82 | -264.74 | -59.34 | -48.34 | 1530.65 | -0.92 | -2282.22 |
| CHP plants | -183.29 | -0.05 | -25.86 | -295.88 | -6.32 | - | -1.01 | -28.29 | 169.67 | 154.04 | -216.98 |
| Heat plants | -99.95 | -0.71 | -12.28 | -87.43 | - | - | -0.18 | -7.34 | -0.35 | 168.45 | -39.78 |
| Gas works | -14.39 | - | -3.07 | 10.87 | - | - | - | - | - | - | -6.59 |
| Petroleum refineries | - | -3959.95 | 3913.99 | -0.57 | - | - | - | - | - | - | -46.53 |
| Coal transformation | -195.02 | 0.02 | -3.07 | -0.17 | - | - | - | - | - | - | -198.24 |
| Liquefaction plants | -18.23 | 8.26 | - | -5.74 | - | - | - | - | - | - | -15.71 |
| Other transformation | 0.01 | 29.15 | -30.10 | -1.93 | - | - | - | -52.09 | - | - | -54.96 |
| Own use | -73.18 | -9.38 | -216.91 | -220.56 | - | - | - | -10.85 | -142.31 | -35.36 | -708.54 |
| Distribution losses | -2.66 | -3.91 | -0.32 | -27.06 | - | - | -0.27 | -0.24 | -143.36 | -22.80 | -200.62 |
| TFC | 728.71 | 14.05 | 3517.69 | 1296.19 | - | - | 12.84 | 1029.00 | 1414.33 | 273.24 | 8286.07 |
| INDUSTRY SECTOR | 583.23 | 4.68 | 319.36 | 461.34 | - | - | 0.42 | 188.78 | 596.81 | 120.09 | 2274.72 |
| Iron and steel | 223.28 | 0.01 | 13.64 | 57.57 | - | - | - | 6.40 | 82.36 | 13.12 | 396.38 |
| Chemical and petrochemical | 50.34 | 0.09 | 57.31 | 121.78 | - | - | - | 2.37 | 93.57 | 39.04 | 364.49 |
| Non-ferrous metals | 12.39 | - | 7.01 | 17.26 | - | - | - | 0.12 | 67.58 | 2.63 | 106.99 |
| Non-metallic minerals | 142.65 | 0.01 | 37.17 | 49.98 | - | - | - | 5.63 | 37.57 | 2.65 | 275.66 |
| Transport equipment | 3.72 | - | 2.67 | 9.61 | - | - | - | - | 15.52 | 3.21 | 34.72 |
| Machinery | 11.70 | 0.01 | 10.20 | 22.72 | - | - | - | 0.06 | 58.88 | 4.92 | 108.50 |
| Mining and quarrying | 7.40 | - | 15.96 | 12.43 | - | - | - | 0.01 | 23.93 | 2.18 | 61.90 |
| Food and tobacco | 19.84 | 0.04 | 25.62 | 31.71 | - | - | - | 31.81 | 32.99 | 9.70 | 151.72 |
| Paper pulp and printing | 19.45 | - | 11.68 | 25.75 | - | - | 0.14 | 53.51 | 42.17 | 9.90 | 162.60 |
| Wood and wood products | 2.06 | - | 3.19 | 2.67 | - | - | - | 10.72 | 7.81 | 2.10 | 28.55 |
| Construction | 5.25 | 0.02 | 19.22 | 4.91 | - | - | - | 0.16 | 6.30 | 1.25 | 37.10 |
| Textile and leather | 11.25 | 0.02 | 7.11 | 7.24 | - | - | - | 0.21 | 22.01 | 6.83 | 54.67 |
| Non-specified | 73.92 | 4.48 | 108.57 | 97.71 | - | - | 0.28 | 77.76 | 106.13 | 22.58 | 491.44 |
| TRANSPORT SECTOR | 3.53 | 0.01 | 2160.94 | 74.77 | - | - | - | 34.15 | 23.24 | 0.10 | 2296.73 |
| World aviation bunkers | - | - | 138.90 | - | - | - | - | - | - | - | 138.90 |
| Domestic aviation | - | - | 112.75 | - | - | - | - | - | - | - | 112.75 |
| Road | - | - | 1628.81 | 12.08 | - | - | - | 34.14 | - | - | 1675.04 |
| Rail | 3.43 | - | 38.11 | - | - | - | - | - | 17.22 | - | 58.77 |
| Pipeline transport | - | 0.01 | 6.45 | 62.22 | - | - | - | - | 2.97 | - | 71.64 |
| World marine bunkers | - | - | 191.64 | - | - | - | - | - | - | - | 191.64 |
| Domestic navigation | 0.09 | - | 39.91 | - | - | - | - | - | - | - | 39.99 |
| Non-specified | 0.01 | - | 4.37 | 0.47 | - | - | - | - | 3.05 | 0.10 | 8.01 |
| OTHER SECTORS | 110.21 | 0.22 | 453.44 | 614.99 | - | - | 12.43 | 806.06 | 794.28 | 153.05 | 2944.68 |
| Residential | 67.54 | - | 220.62 | 409.73 | - | - | 6.24 | 758.48 | 384.67 | 94.16 | 1941.45 |
| Comm. and publ. services | 16.56 | - | 101.71 | 164.26 | - | - | 1.14 | 15.79 | 329.58 | 29.11 | 658.14 |
| Agriculture/forestry | 13.88 | 0.02 | 111.95 | 7.17 | - | - | 0.16 | 6.96 | 36.28 | 3.53 | 179.96 |
| Fishing | 0.01 | - | 5.52 | 0.03 | - | - | 0.04 | 0.02 | 0.35 | 0.04 | 6.01 |
| Non-specified | 12.21 | 0.20 | 13.63 | 33.81 | - | - | 4.85 | 24.81 | 43.40 | 26.21 | 159.11 |
| NON-ENERGY USE | 31.75 | 9.15 | 583.95 | 145.09 | - | - | - | 0.01 | - | - | 769.94 |
| in industry/transf./energy of which: feedstocks | 31.21 | 9.15 | 575.00 | 145.09 | - | - | - | - | - | - | 760.45 |
| in transport | - | - | 5.28 | - | - | - | - | - | - | - | 5.29 |
| in other sectors | 0.53 | - | 3.67 | - | - | - | - | 0.01 | - | - | 4.21 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. Generated - GWh | 8227950 | 46637 | 1067818 | 4126912 | 2719058 | 3078422 | 243394 | 258502 | - | 2435 | 19771128 |
| Electricity plants | 7617759 | 46490 | 963457 | 2990150 | 2696867 | 3078422 | 240955 | 161728 | - | 1933 | 17797761 |
| CHP plants | 610191 | 147 | 104361 | 1136762 | 22191 | - | 2439 | 96774 | - | 502 | 1973367 |
| Heat Generated - TJ | 4998496 | 184 | 872462 | 6744835 | 22375 | - | 26239 | 618664 | 7442 | 606576 | 13897273 |
| CHP plants | 1924609 | 184 | 406099 | 3632900 | 22375 | - | 8297 | 369884 | 1731 | 98391 | 6464470 |
| Heat plants | 3073887 | - | 466363 | 3111935 | - | - | 17942 | 248780 | 5711 | 508185 | 7432803 |

OECD Total / Total OCDE

Figure 1. Energy production

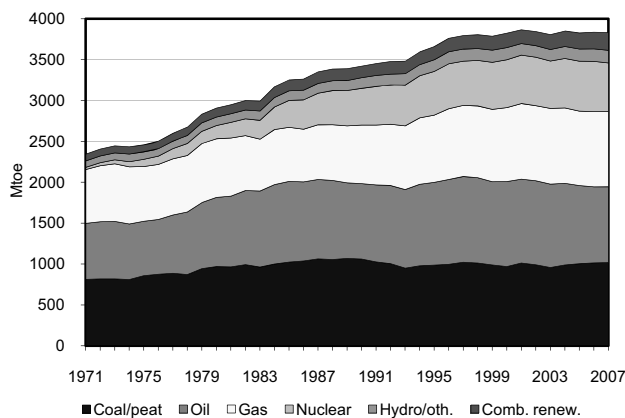


Figure 2. Total primary energy supply*

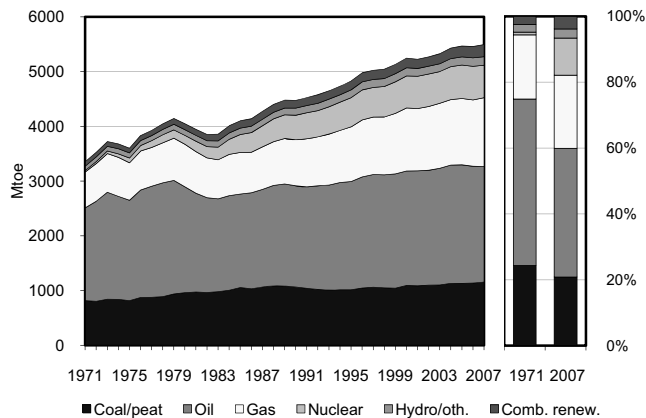


Figure 3. Energy self-sufficiency**

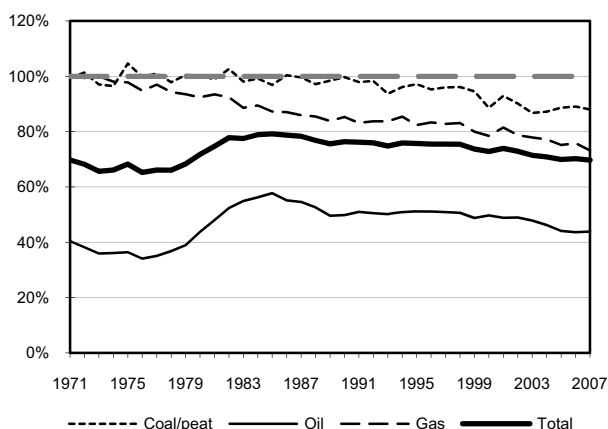


Figure 4. Oil products demand***

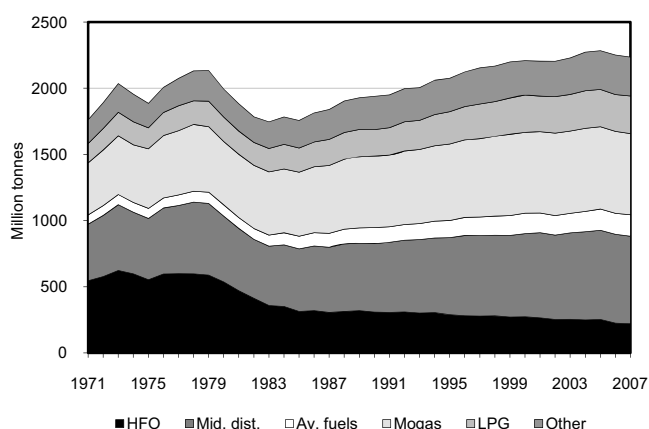


Figure 5. Electricity generation by fuel

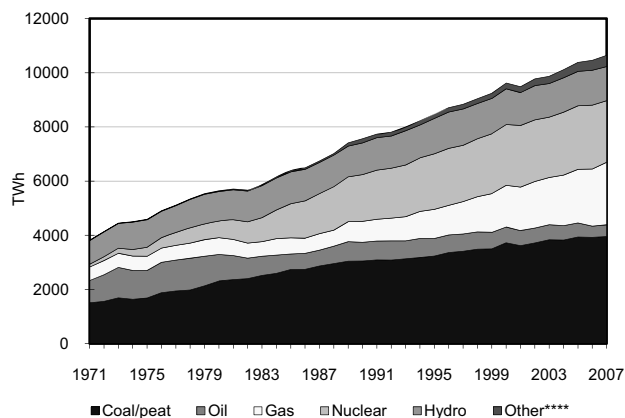
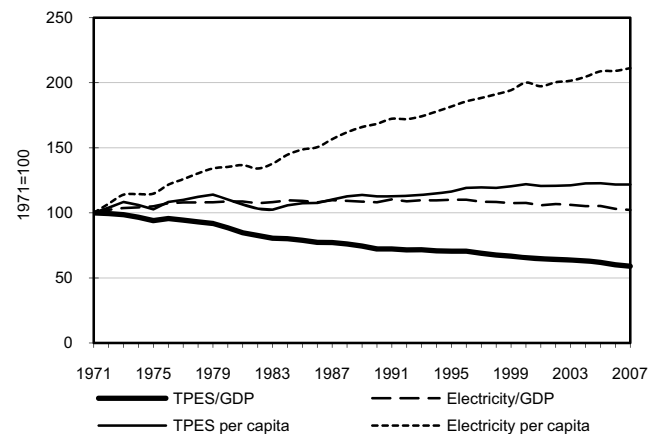


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

OECD Total / Total OCDE

2006

Million tonnes of oil equivalent / Millions de tonnes d'équivalent pétrole

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------|------------------|----------------|---------------------|----------------|---------------|---------------|------------------------|-------------------------|---------------|--------------|----------------|
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | 1014.17 | 930.96 | - | 919.67 | 614.00 | 110.81 | 42.31 | 203.57 | - | 0.49 | 3835.98 |
| Imports | 374.78 | 1664.27 | 550.37 | 565.87 | - | - | - | 5.12 | 34.70 | - | 3195.11 |
| Exports | -232.44 | -390.84 | -429.83 | -254.31 | - | - | - | -1.13 | -33.45 | -0.01 | -1342.01 |
| Intl. marine bunkers | - | - | -101.04 | - | - | - | - | - | - | - | -101.04 |
| Intl. aviation bunkers | - | - | -77.36 | - | - | - | - | - | - | - | -77.36 |
| Stock changes | -17.62 | -1.16 | -11.37 | -18.44 | - | - | - | -0.31 | - | - | -48.90 |
| TPES | 1138.89 | 2203.23 | -69.22 | 1212.79 | 614.00 | 110.81 | 42.31 | 207.25 | 1.25 | 0.48 | 5461.79 |
| Transfers | - | -34.00 | 45.57 | - | - | - | - | - | - | - | 11.57 |
| Statistical differences | -6.92 | -16.24 | -3.71 | 4.51 | - | - | - | 0.04 | -0.03 | 0.16 | -22.19 |
| Electricity plants | -831.00 | -6.09 | -71.16 | -291.87 | -609.18 | -110.81 | -34.18 | -28.63 | 808.57 | -0.46 | -1174.81 |
| CHP plants | -87.50 | - | -16.79 | -107.42 | -4.82 | - | -1.07 | -28.52 | 91.06 | 66.76 | -88.30 |
| Heat plants | -4.16 | - | -1.47 | -5.29 | - | - | -0.13 | -3.55 | -0.34 | 15.40 | 0.46 |
| Gas works | -2.58 | - | -1.94 | 3.16 | - | - | - | - | - | - | -1.36 |
| Petroleum refineries | - | -2170.45 | 2165.01 | -0.63 | - | - | - | - | - | - | -6.07 |
| Coal transformation | -57.07 | 0.02 | -2.42 | -0.17 | - | - | - | - | - | - | -59.64 |
| Liquefaction plants | - | 0.63 | - | -0.99 | - | - | - | - | - | - | -0.36 |
| Other transformation | - | 23.53 | -23.83 | -0.15 | - | - | - | -0.11 | - | - | -0.55 |
| Own use | -12.40 | -0.08 | -122.38 | -92.47 | - | - | - | -0.09 | -65.21 | -6.75 | -299.37 |
| Distribution losses | -1.00 | - | -0.01 | -3.04 | - | - | -0.21 | -0.01 | -57.46 | -5.52 | -67.26 |
| TFC | 136.28 | 0.55 | 1897.65 | 718.42 | - | - | 6.71 | 146.38 | 777.85 | 70.06 | 3753.90 |
| INDUSTRY SECTOR | 116.16 | 0.04 | 136.64 | 249.02 | - | - | 0.42 | 71.80 | 265.05 | 27.04 | 866.16 |
| Iron and steel | 40.62 | - | 5.59 | 26.82 | - | - | - | 0.03 | 31.86 | 0.53 | 105.45 |
| Chemical and petrochemical | 11.53 | 0.04 | 29.45 | 69.10 | - | - | - | 1.68 | 50.15 | 8.97 | 170.93 |
| Non-ferrous metals | 2.45 | - | 3.32 | 12.40 | - | - | - | 0.11 | 27.79 | 0.30 | 46.37 |
| Non-metallic minerals | 21.88 | - | 20.02 | 28.30 | - | - | - | 2.66 | 15.21 | 0.11 | 88.19 |
| Transport equipment | 0.26 | - | 1.57 | 8.26 | - | - | - | - | 9.70 | 0.34 | 20.12 |
| Machinery | 0.66 | - | 5.36 | 18.11 | - | - | - | 0.04 | 30.63 | 0.47 | 55.27 |
| Mining and quarrying | 0.73 | - | 5.41 | 7.48 | - | - | 0.03 | - | 8.57 | 0.28 | 22.50 |
| Food and tobacco | 6.41 | - | 11.09 | 27.06 | - | - | 0.01 | 4.94 | 20.24 | 1.13 | 70.87 |
| Paper pulp and printing | 7.76 | - | 11.27 | 22.91 | - | - | 0.14 | 47.17 | 33.36 | 1.71 | 124.30 |
| Wood and wood products | 0.19 | - | 2.81 | 2.25 | - | - | - | 9.87 | 5.24 | 0.38 | 20.74 |
| Construction | 2.01 | - | 11.20 | 1.74 | - | - | - | 0.13 | 1.64 | 0.06 | 16.77 |
| Textile and leather | 0.76 | - | 2.60 | 6.56 | - | - | - | 0.09 | 7.26 | 0.96 | 18.24 |
| Non-specified | 20.89 | - | 26.96 | 18.03 | - | - | 0.24 | 5.07 | 23.41 | 11.80 | 106.42 |
| TRANSPORT SECTOR | 0.09 | - | 1174.48 | 21.82 | - | - | - | 16.98 | 9.69 | - | 1223.05 |
| Domestic aviation | - | - | 88.17 | - | - | - | - | - | - | - | 88.17 |
| Road | - | - | 1046.01 | 1.65 | - | - | - | 16.98 | - | - | 1064.63 |
| Rail | 0.01 | - | 19.98 | - | - | - | - | - | 7.92 | - | 27.90 |
| Pipeline transport | - | - | 0.01 | 20.08 | - | - | - | - | 0.42 | - | 20.51 |
| Domestic navigation | 0.08 | - | 18.64 | - | - | - | - | - | - | - | 18.72 |
| Non-specified | - | - | 1.67 | 0.09 | - | - | - | - | 1.35 | - | 3.12 |
| OTHER SECTORS | 18.16 | - | 233.62 | 413.14 | - | - | 6.29 | 57.60 | 503.11 | 43.02 | 1274.94 |
| Residential | 13.03 | - | 109.93 | 260.71 | - | - | 4.89 | 51.25 | 242.25 | 15.02 | 697.08 |
| Comm. and publ. services | 3.74 | - | 70.82 | 137.69 | - | - | 0.96 | 4.44 | 240.15 | 7.67 | 465.47 |
| Agriculture/forestry | 1.28 | - | 46.73 | 4.90 | - | - | 0.19 | 1.89 | 7.31 | 0.34 | 62.64 |
| Fishing | - | - | 4.12 | - | - | - | - | - | 0.20 | - | 4.32 |
| Non-specified | 0.11 | - | 2.02 | 9.85 | - | - | 0.25 | 0.02 | 13.19 | 19.99 | 45.43 |
| NON-ENERGY USE | 1.88 | 0.51 | 352.91 | 34.44 | - | - | - | - | - | - | 389.74 |
| in industry/transf./energy | 1.71 | 0.51 | 344.22 | 34.44 | - | - | - | - | - | - | 380.88 |
| of which: feedstocks | 0.53 | 0.51 | 236.11 | 33.44 | - | - | - | - | - | - | 270.59 |
| in transport | - | - | 5.05 | - | - | - | - | - | - | - | 5.05 |
| in other sectors | 0.17 | - | 3.64 | - | - | - | - | - | - | - | 3.81 |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|----------------|--------------|---------------|----------------|----------------|----------------|---------------|---------------|-------------|---------------|-----------------|
| Electr. generated - GWh | 3928752 | 27122 | 383475 | 2110628 | 2355572 | 1288510 | 161714 | 204403 | - | 718 | 10460894 |
| Electricity plants | 3595186 | 27100 | 312588 | 1583657 | 2337560 | 1288510 | 159194 | 97508 | - | 434 | 9401737 |
| CHP plants | 333566 | 22 | 70887 | 526971 | 18012 | - | 2520 | 106895 | - | 284 | 1059157 |
| Heat generated - TJ | 887027 | 105 | 349877 | 1485732 | 5271 | - | 24387 | 426228 | 7036 | 275154 | 3460817 |
| CHP plants | 752075 | 105 | 307340 | 1307109 | 5271 | - | 9508 | 306133 | 1459 | 115108 | 2804108 |
| Heat plants | 134952 | - | 42537 | 178623 | - | - | 14879 | 120095 | 5577 | 160046 | 656709 |

OECD Total / Total OCDE

2007

| Million tonnes of oil equivalent / Millions de tonnes d'équivalent pétrole | | | | | | | | | | | |
|--|------------------|----------------|---------------------|----------------|----------------|----------------|------------------------|-------------------------|---------------|---------------|-----------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | 1018.94 | 926.40 | - | 921.91 | 592.38 | 108.23 | 47.28 | 217.27 | - | 0.48 | 3832.87 |
| Imports | 383.06 | 1654.83 | 529.30 | 588.30 | - | - | - | 5.34 | 35.14 | - | 3195.97 |
| Exports | -245.61 | -388.11 | -436.55 | -268.70 | - | - | - | -1.32 | -34.39 | -0.01 | -1374.68 |
| Intl. marine bunkers | - | - | -103.11 | - | - | - | - | - | - | - | -103.11 |
| Intl. aviation bunkers | - | - | -79.75 | - | - | - | - | - | - | - | -79.75 |
| Stock changes | 1.30 | 2.13 | 5.21 | 17.40 | - | - | - | -0.22 | - | - | 25.82 |
| TPES | 1157.68 | 2195.25 | -84.90 | 1258.91 | 592.38 | 108.23 | 47.28 | 221.08 | 0.75 | 0.47 | 5497.13 |
| Transfers | - | -44.81 | 57.25 | - | - | - | - | - | - | - | 12.43 |
| Statistical differences | -12.30 | -8.85 | -7.63 | 15.56 | - | - | - | -0.09 | 0.36 | 0.45 | -12.49 |
| Electricity plants | -847.84 | -9.80 | -72.09 | -323.17 | -589.04 | -108.23 | -38.71 | -37.40 | 825.29 | -0.48 | -1201.46 |
| CHP plants | -84.74 | - | -15.83 | -108.93 | -3.34 | - | -1.01 | -26.37 | 90.18 | 65.91 | -84.13 |
| Heat plants | -4.34 | - | -1.22 | -4.92 | - | - | -0.13 | -3.48 | -0.35 | 14.36 | -0.07 |
| Gas works | -2.30 | - | -1.96 | 3.07 | - | - | - | - | - | - | -1.19 |
| Petroleum refineries | - | -2153.49 | 2147.83 | -0.57 | - | - | - | - | - | - | -6.23 |
| Coal transformation | -56.18 | 0.02 | -2.31 | -0.17 | - | - | - | - | - | - | -58.64 |
| Liquefaction plants | - | 0.57 | - | -1.15 | - | - | - | - | - | - | -0.58 |
| Other transformation | 0.01 | 24.03 | -24.22 | -0.17 | - | - | - | -0.12 | - | - | -0.49 |
| Own use | -14.18 | -0.08 | -123.34 | -97.56 | - | - | - | -0.08 | -62.84 | -6.75 | -304.82 |
| Distribution losses | -1.03 | - | -0.02 | -2.70 | - | - | -0.27 | -0.02 | -58.44 | -5.49 | -67.97 |
| TFC | 134.77 | 2.85 | 1871.55 | 738.20 | - | - | 7.16 | 153.53 | 794.96 | 68.48 | 3771.48 |
| INDUSTRY SECTOR | 115.19 | 0.04 | 128.80 | 258.85 | - | - | 0.42 | 71.42 | 270.43 | 26.62 | 871.77 |
| Iron and steel | 39.19 | - | 5.33 | 27.87 | - | - | - | 0.04 | 32.57 | 0.54 | 105.54 |
| Chemical and petrochemical | 10.77 | 0.04 | 28.40 | 70.68 | - | - | - | 1.66 | 50.55 | 9.21 | 171.31 |
| Non-ferrous metals | 2.49 | - | 2.91 | 12.88 | - | - | - | 0.11 | 28.43 | 0.37 | 47.19 |
| Non-metallic minerals | 22.93 | - | 19.49 | 28.68 | - | - | - | 2.58 | 15.56 | 0.12 | 89.36 |
| Transport equipment | 0.24 | - | 1.53 | 8.21 | - | - | - | - | 9.90 | 0.34 | 20.23 |
| Machinery | 0.63 | - | 5.11 | 19.20 | - | - | - | 0.05 | 31.18 | 0.53 | 56.69 |
| Mining and quarrying | 0.71 | - | 5.82 | 10.25 | - | - | - | - | 8.83 | 0.28 | 25.89 |
| Food and tobacco | 6.47 | - | 10.50 | 28.15 | - | - | - | 5.00 | 20.55 | 1.25 | 71.92 |
| Paper pulp and printing | 7.45 | - | 9.48 | 23.98 | - | - | 0.14 | 46.18 | 32.90 | 2.68 | 122.81 |
| Wood and wood products | 0.17 | - | 2.67 | 2.29 | - | - | - | 10.10 | 5.33 | 0.62 | 21.18 |
| Construction | 2.16 | - | 10.61 | 1.87 | - | - | - | 0.12 | 1.73 | 0.06 | 16.55 |
| Textile and leather | 0.75 | - | 2.22 | 6.32 | - | - | - | 0.08 | 7.33 | 0.97 | 17.66 |
| Non-specified | 21.23 | - | 24.72 | 18.46 | - | - | 0.28 | 5.49 | 25.58 | 9.66 | 105.41 |
| TRANSPORT SECTOR | 0.09 | - | 1180.62 | 23.31 | - | - | - | 23.48 | 9.79 | - | 1237.28 |
| Domestic aviation | - | - | 87.84 | - | - | - | - | - | - | - | 87.84 |
| Road | - | - | 1052.94 | 1.89 | - | - | - | 23.48 | - | - | 1078.30 |
| Rail | - | - | 19.59 | - | - | - | - | - | 8.02 | - | 27.61 |
| Pipeline transport | - | - | 0.02 | 21.28 | - | - | - | - | 0.40 | - | 21.70 |
| Domestic navigation | 0.09 | - | 18.48 | - | - | - | - | - | - | - | 18.56 |
| Non-specified | - | - | 1.75 | 0.14 | - | - | - | - | 1.37 | - | 3.27 |
| OTHER SECTORS | 17.03 | - | 212.02 | 420.87 | - | - | 6.74 | 58.63 | 514.74 | 41.85 | 1271.88 |
| Residential | 12.09 | - | 98.64 | 264.60 | - | - | 5.23 | 52.07 | 247.60 | 14.42 | 694.64 |
| Comm. and publ. services | 3.70 | - | 61.97 | 141.81 | - | - | 1.06 | 4.61 | 245.38 | 7.67 | 466.21 |
| Agriculture/forestry | 1.16 | - | 45.30 | 5.07 | - | - | 0.15 | 1.92 | 7.36 | 0.34 | 61.31 |
| Fishing | - | - | 4.20 | - | - | - | 0.04 | - | 0.21 | - | 4.45 |
| Non-specified | 0.09 | - | 1.91 | 9.39 | - | - | 0.26 | 0.02 | 14.18 | 19.42 | 45.28 |
| NON-ENERGY USE | 2.46 | 2.81 | 350.12 | 35.16 | - | - | - | - | - | - | 390.55 |
| in industry/transf./energy | 2.29 | 2.81 | 341.68 | 35.16 | - | - | - | - | - | - | 381.95 |
| of which: feedstocks | 0.93 | 2.81 | 236.42 | 34.14 | - | - | - | - | - | - | 274.31 |
| in transport | - | - | 4.99 | - | - | - | - | - | - | - | 4.99 |
| in other sectors | 0.17 | - | 3.45 | - | - | - | - | - | - | - | 3.61 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 3957324 | 46476 | 387296 | 2306850 | 2272638 | 1258456 | 197951 | 217258 | - | 737 | 10644986 |
| Electricity plants | 3632656 | 46454 | 318171 | 1761238 | 2260280 | 1258456 | 195512 | 122923 | - | 466 | 9596156 |
| CHP plants | 324668 | 22 | 69125 | 545612 | 12358 | - | 2439 | 94335 | - | 271 | 1048830 |
| Heat generated - TJ | 857119 | 75 | 324350 | 1467898 | 4848 | - | 24202 | 461125 | 7419 | 234075 | 3381111 |
| CHP plants | 717788 | 75 | 295288 | 1305128 | 4848 | - | 8279 | 342297 | 1731 | 92885 | 2768319 |
| Heat plants | 139331 | - | 29062 | 162770 | - | - | 15923 | 118828 | 5688 | 141190 | 612792 |

Non-OECD Total / Total non-OCDE

Figure 1. Energy production

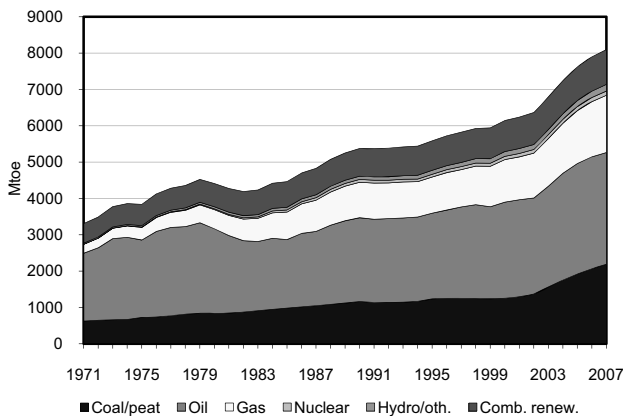


Figure 2. Total primary energy supply*

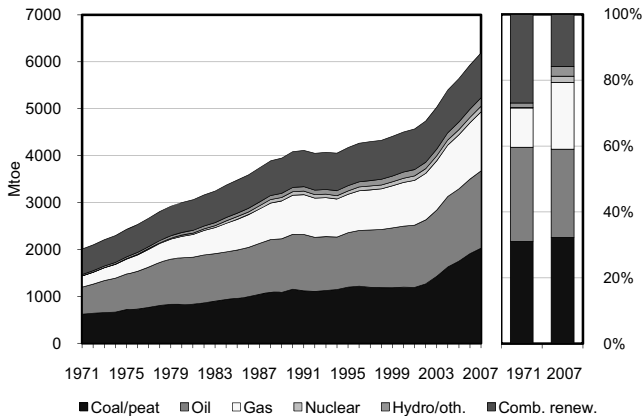


Figure 3. Energy self-sufficiency**

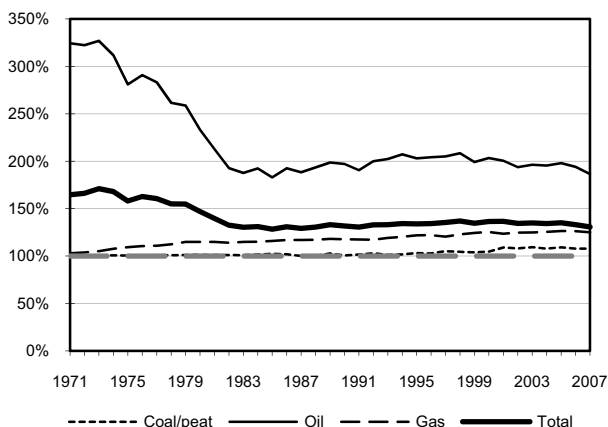


Figure 4. Oil products demand***

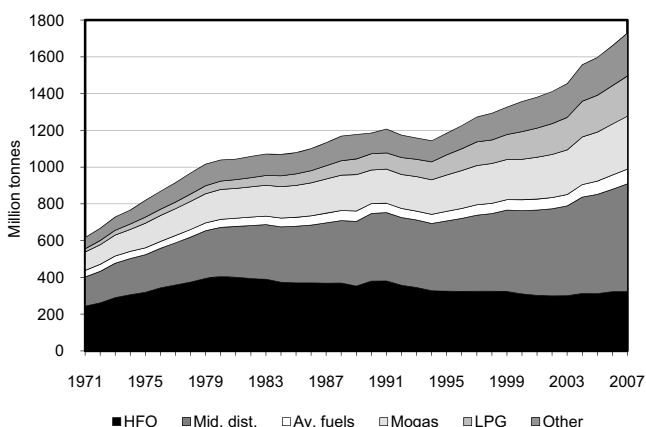


Figure 5. Electricity generation by fuel

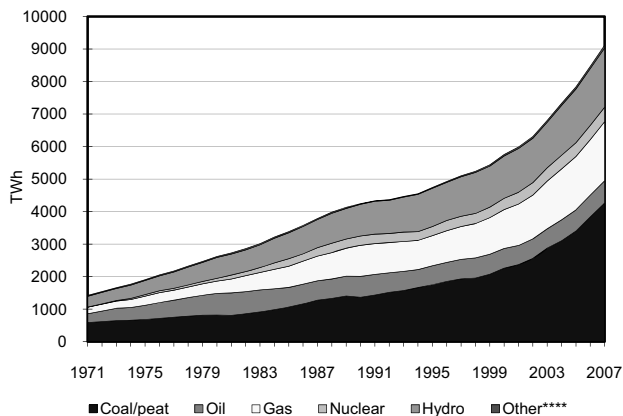
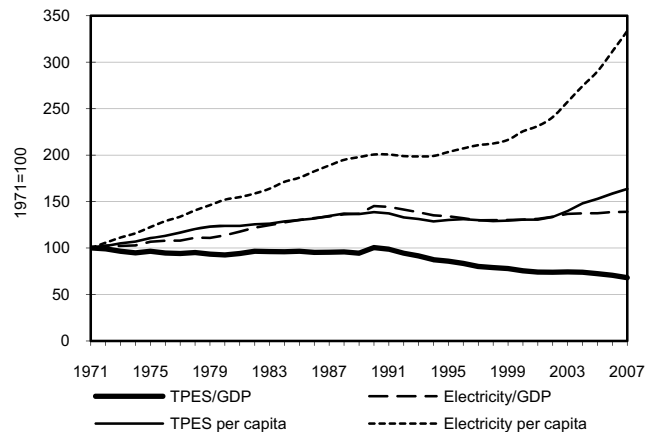


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Non-OECD Total / Total non-OCDE

2006

| Million tonnes of oil equivalent / Millions de tonnes d'équivalent pétrole | | | | | | | | | | | |
|--|------------------|----------------|---------------------|----------------|---------------|---------------|------------------------|-------------------------|---------------|---------------|----------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | 2067.52 | 3080.46 | - | 1517.77 | 114.01 | 150.05 | 24.38 | 942.45 | - | 9.39 | 7906.03 |
| Imports | 182.54 | 658.26 | 401.39 | 167.82 | - | - | - | 0.14 | 17.82 | - | 1427.96 |
| Exports | -333.64 | -1827.71 | -586.81 | -471.39 | - | - | - | -3.16 | -19.35 | - | -3242.08 |
| Intl. marine bunkers | - | - | -81.31 | - | - | - | - | - | - | - | -81.31 |
| Intl. aviation bunkers | - | - | -57.68 | - | - | - | - | - | - | - | -57.68 |
| Stock changes | -1.35 | -3.65 | 4.52 | -11.22 | - | - | - | -0.31 | - | - | -12.02 |
| TPES | 1915.05 | 1907.35 | -319.89 | 1202.98 | 114.01 | 150.05 | 24.38 | 939.13 | -1.53 | 9.39 | 5940.91 |
| Transfers | - | -100.40 | 107.62 | - | - | - | - | - | - | - | 7.22 |
| Statistical differences | 11.04 | 0.64 | 5.02 | -0.89 | - | - | - | 0.05 | 0.06 | - | 15.92 |
| Electricity plants | -948.45 | -15.55 | -143.62 | -270.00 | -111.34 | -150.05 | -19.57 | -9.90 | 649.31 | -0.20 | -1019.36 |
| CHP plants | -108.69 | -0.05 | -13.43 | -181.62 | -2.66 | - | - | -2.47 | 79.42 | 90.86 | -138.63 |
| Heat plants | -94.05 | -0.77 | -12.13 | -85.38 | - | - | -0.01 | -3.88 | - | 156.10 | -40.11 |
| Gas works | -11.29 | - | -1.32 | 7.97 | - | - | - | - | - | - | -4.64 |
| Petroleum refineries | - | -1781.14 | 1731.43 | - | - | - | - | - | - | - | -49.71 |
| Coal transformation | -125.69 | - | -0.78 | - | - | - | - | -0.01 | - | - | -126.47 |
| Liquefaction plants | -18.94 | 7.94 | - | -4.60 | - | - | - | - | - | - | -15.60 |
| Other transformation | - | 5.44 | -6.48 | -1.99 | - | - | - | -51.66 | - | - | -54.68 |
| Own use | -54.23 | -8.62 | -92.11 | -115.96 | - | - | - | -9.38 | -74.48 | -31.84 | -386.61 |
| Distribution losses | -1.46 | -4.56 | -0.35 | -24.09 | - | - | - | -0.21 | -82.56 | -17.87 | -131.10 |
| TFC | 563.29 | 10.30 | 1253.97 | 526.42 | - | - | 4.80 | 861.68 | 570.22 | 206.45 | 3997.14 |
| INDUSTRY SECTOR | 435.17 | 3.93 | 185.86 | 188.15 | - | - | - | 115.11 | 296.10 | 93.52 | 1317.85 |
| Iron and steel | 167.44 | 0.01 | 8.88 | 29.77 | - | - | - | 6.17 | 42.72 | 12.22 | 267.21 |
| Chemical and petrochemical | 35.80 | - | 28.60 | 44.91 | - | - | - | 0.70 | 38.27 | 29.14 | 177.42 |
| Non-ferrous metals | 9.40 | - | 4.24 | 4.49 | - | - | - | 0.01 | 33.40 | 2.25 | 53.79 |
| Non-metallic minerals | 115.49 | 0.01 | 17.52 | 21.34 | - | - | - | 2.91 | 19.91 | 2.51 | 179.69 |
| Transport equipment | 3.39 | - | 1.24 | 1.64 | - | - | - | - | 4.87 | 3.03 | 14.17 |
| Machinery | 10.60 | 0.01 | 5.36 | 3.13 | - | - | - | 0.03 | 24.41 | 4.22 | 47.77 |
| Mining and quarrying | 6.32 | - | 9.14 | 2.63 | - | - | - | 0.01 | 13.89 | 2.28 | 34.27 |
| Food and tobacco | 12.66 | 0.04 | 14.26 | 3.95 | - | - | - | 25.44 | 11.54 | 8.55 | 76.45 |
| Paper pulp and printing | 11.44 | - | 2.21 | 1.69 | - | - | - | 6.80 | 9.04 | 7.46 | 38.64 |
| Wood and wood products | 1.88 | - | 0.52 | 0.42 | - | - | - | 0.61 | 2.22 | 1.62 | 7.26 |
| Construction | 3.14 | 0.02 | 8.44 | 3.20 | - | - | - | 0.04 | 4.13 | 1.13 | 20.08 |
| Textile and leather | 9.93 | 0.02 | 5.08 | 0.91 | - | - | - | 0.13 | 13.50 | 5.29 | 34.86 |
| Non-specified | 47.69 | 3.82 | 80.39 | 70.07 | - | - | - | 72.26 | 78.19 | 13.81 | 366.24 |
| TRANSPORT SECTOR | 3.70 | 0.01 | 616.04 | 49.22 | - | - | - | 7.88 | 12.75 | 0.09 | 689.68 |
| Domestic aviation | - | - | 23.31 | - | - | - | - | - | - | - | 23.31 |
| Road | - | - | 547.56 | 8.27 | - | - | - | 7.87 | - | - | 563.71 |
| Rail | 3.69 | - | 17.25 | - | - | - | - | - | 8.51 | - | 29.46 |
| Pipeline transport | - | 0.01 | 5.41 | 40.68 | - | - | - | - | 2.60 | - | 48.70 |
| Domestic navigation | - | - | 20.03 | - | - | - | - | - | - | - | 20.03 |
| Non-specified | - | - | 2.47 | 0.26 | - | - | - | 0.01 | 1.64 | 0.09 | 4.47 |
| OTHER SECTORS | 96.65 | 0.32 | 233.94 | 183.29 | - | - | 4.80 | 738.68 | 261.37 | 112.84 | 1631.89 |
| Residential | 58.21 | - | 119.03 | 140.02 | - | - | 1.04 | 698.66 | 129.06 | 82.22 | 1228.23 |
| Comm. and publ. services | 13.29 | 0.03 | 38.25 | 19.74 | - | - | 0.06 | 10.99 | 78.70 | 20.98 | 182.05 |
| Agriculture/forestry | 12.62 | 0.01 | 65.38 | 1.36 | - | - | 0.01 | 4.84 | 27.62 | 3.36 | 115.19 |
| Fishing | 0.02 | - | 1.32 | 0.03 | - | - | - | - | 0.14 | 0.01 | 1.52 |
| Non-specified | 12.51 | 0.28 | 9.97 | 22.13 | - | - | 3.69 | 24.19 | 25.86 | 6.28 | 104.91 |
| NON-ENERGY USE | 27.78 | 6.04 | 218.14 | 105.75 | - | - | - | 0.01 | - | - | 357.72 |
| in industry/transf./energy | 27.39 | 6.04 | 217.55 | 105.75 | - | - | - | - | - | - | 356.73 |
| of which: feedstocks | 1.31 | 5.94 | 118.52 | 104.12 | - | - | - | - | - | - | 229.89 |
| in transport | - | - | 0.21 | - | - | - | - | - | - | - | 0.21 |
| in other sectors | 0.39 | - | 0.38 | - | - | - | - | 0.01 | - | - | 0.78 |

| Electricity and Heat Output | | | | | | | | | | | |
|--------------------------------|----------------|------------|---------------|----------------|---------------|----------------|--------------|---------------|-----------|---------------|-----------------|
| Electr. generated - GWh | 3843157 | 144 | 666154 | 1710139 | 435899 | 1744742 | 36257 | 36324 | - | 783 | 8473599 |
| Electricity plants | 3537077 | 18 | 619828 | 1150834 | 427248 | 1744742 | 36257 | 33267 | - | 586 | 7549857 |
| CHP plants | 306080 | 126 | 46326 | 559305 | 8651 | - | - | 3057 | - | 197 | 923742 |
| Heat generated - TJ | 4090327 | 12 | 630753 | 5434108 | 17128 | - | 303 | 169075 | 35 | 393398 | 10735139 |
| CHP plants | 1256060 | 12 | 159910 | 2333276 | 17128 | - | 16 | 38627 | - | 4799 | 3809828 |
| Heat plants | 2834267 | - | 470843 | 3100832 | - | - | 287 | 130448 | 35 | 388599 | 6925311 |

Non-OECD Total / Total non-OCDE

2007

Million tonnes of oil equivalent / Millions de tonnes d'équivalent pétrole

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------|------------------|----------------|---------------------|----------------|---------------|---------------|------------------------|-------------------------|---------------|---------------|----------------|
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | 2189.60 | 3074.55 | - | 1576.13 | 116.76 | 156.52 | 26.36 | 957.84 | - | 8.90 | 8106.66 |
| Imports | 206.57 | 695.23 | 443.21 | 169.26 | - | - | - | 0.23 | 18.12 | - | 1532.62 |
| Exports | -357.05 | -1829.38 | -588.11 | -473.96 | - | - | - | -3.34 | -18.96 | - | -3270.80 |
| Intl. marine bunkers | - | - | -88.53 | - | - | - | - | - | - | - | -88.53 |
| Intl. aviation bunkers | - | - | -59.15 | - | - | - | - | - | - | - | -59.15 |
| Stock changes | -10.48 | -3.67 | 4.87 | -10.46 | - | - | - | 0.56 | - | - | -19.19 |
| TPES | 2028.64 | 1936.72 | -287.72 | 1260.96 | 116.76 | 156.52 | 26.36 | 955.31 | -0.83 | 8.90 | 6201.61 |
| Transfers | - | -101.84 | 109.36 | - | - | - | - | - | - | - | 7.52 |
| Statistical differences | 25.06 | 1.24 | -4.67 | -1.73 | - | - | - | -0.16 | -0.25 | - | 19.49 |
| Electricity plants | -1035.83 | -17.31 | -144.81 | -285.86 | -113.78 | -156.52 | -20.63 | -10.94 | 705.36 | -0.44 | -1080.76 |
| CHP plants | -98.55 | -0.05 | -10.03 | -186.96 | -2.98 | - | - | -1.92 | 79.49 | 88.13 | -132.85 |
| Heat plants | -95.61 | -0.71 | -11.06 | -82.51 | - | - | -0.05 | -3.86 | - | 154.10 | -39.70 |
| Gas works | -12.08 | - | -1.12 | 7.81 | - | - | - | - | - | - | -5.40 |
| Petroleum refineries | - | -1806.46 | 1766.16 | - | - | - | - | - | - | - | -40.30 |
| Coal transformation | -138.84 | - | -0.76 | - | - | - | - | - | - | - | -139.60 |
| Liquefaction plants | -18.23 | 7.69 | - | -4.59 | - | - | - | - | - | - | -15.12 |
| Other transformation | - | 5.12 | -5.88 | -1.76 | - | - | - | -51.96 | - | - | -54.47 |
| Own use | -59.00 | -9.30 | -93.57 | -123.00 | - | - | - | -10.76 | -79.47 | -28.61 | -403.72 |
| Distribution losses | -1.62 | -3.91 | -0.30 | -24.36 | - | - | - | -0.22 | -84.92 | -17.31 | -132.65 |
| TFC | 593.94 | 11.21 | 1315.60 | 558.00 | - | - | 5.68 | 875.48 | 619.38 | 204.76 | 4184.05 |
| INDUSTRY SECTOR | 468.04 | 4.64 | 190.56 | 202.49 | - | - | - | 117.37 | 326.38 | 93.47 | 1402.95 |
| Iron and steel | 184.09 | 0.01 | 8.31 | 29.70 | - | - | - | 6.36 | 49.79 | 12.57 | 290.84 |
| Chemical and petrochemical | 39.57 | 0.05 | 28.91 | 51.10 | - | - | - | 0.71 | 43.01 | 29.84 | 193.18 |
| Non-ferrous metals | 9.90 | - | 4.09 | 4.38 | - | - | - | 0.01 | 39.15 | 2.26 | 59.80 |
| Non-metallic minerals | 119.72 | 0.01 | 17.68 | 21.30 | - | - | - | 3.05 | 22.00 | 2.52 | 186.30 |
| Transport equipment | 3.48 | - | 1.13 | 1.39 | - | - | - | - | 5.63 | 2.86 | 14.49 |
| Machinery | 11.07 | 0.01 | 5.09 | 3.52 | - | - | - | 0.02 | 27.71 | 4.39 | 51.81 |
| Mining and quarrying | 6.68 | - | 10.14 | 2.17 | - | - | - | 0.01 | 15.10 | 1.90 | 36.00 |
| Food and tobacco | 13.38 | 0.04 | 15.12 | 3.56 | - | - | - | 26.81 | 12.44 | 8.45 | 79.80 |
| Paper pulp and printing | 12.00 | - | 2.20 | 1.77 | - | - | - | 7.34 | 9.27 | 7.22 | 39.79 |
| Wood and wood products | 1.89 | - | 0.52 | 0.38 | - | - | - | 0.62 | 2.48 | 1.48 | 7.36 |
| Construction | 3.08 | 0.02 | 8.61 | 3.04 | - | - | - | 0.03 | 4.58 | 1.19 | 20.55 |
| Textile and leather | 10.50 | 0.02 | 4.90 | 0.92 | - | - | - | 0.13 | 14.68 | 5.86 | 37.00 |
| Non-specified | 52.69 | 4.48 | 83.85 | 79.26 | - | - | - | 72.28 | 80.55 | 12.92 | 386.02 |
| TRANSPORT SECTOR | 3.44 | 0.01 | 649.79 | 51.46 | - | - | - | 10.67 | 13.45 | 0.10 | 728.91 |
| Domestic aviation | - | - | 24.91 | - | - | - | - | - | - | - | 24.91 |
| Road | - | - | 575.87 | 10.19 | - | - | - | 10.67 | - | - | 596.73 |
| Rail | 3.43 | - | 18.53 | - | - | - | - | - | 9.20 | - | 31.16 |
| Pipeline transport | - | 0.01 | 6.43 | 40.94 | - | - | - | - | 2.57 | - | 49.95 |
| Domestic navigation | - | - | 21.43 | - | - | - | - | - | - | - | 21.43 |
| Non-specified | 0.01 | - | 2.62 | 0.33 | - | - | - | - | 1.68 | 0.10 | 4.74 |
| OTHER SECTORS | 93.17 | 0.22 | 241.42 | 194.12 | - | - | 5.68 | 747.43 | 279.55 | 111.20 | 1672.79 |
| Residential | 55.45 | - | 121.98 | 145.13 | - | - | 1.02 | 706.41 | 137.08 | 79.74 | 1246.81 |
| Comm. and publ. services | 12.86 | - | 39.74 | 22.45 | - | - | 0.07 | 11.18 | 84.20 | 21.44 | 191.94 |
| Agriculture/forestry | 12.72 | 0.02 | 66.65 | 2.10 | - | - | 0.01 | 5.04 | 28.92 | 3.19 | 118.64 |
| Fishing | 0.01 | - | 1.32 | 0.03 | - | - | - | 0.02 | 0.14 | 0.04 | 1.56 |
| Non-specified | 12.12 | 0.20 | 11.72 | 24.41 | - | - | 4.59 | 24.79 | 29.21 | 6.79 | 113.84 |
| NON-ENERGY USE | 29.28 | 6.34 | 233.84 | 109.92 | - | - | - | 0.01 | - | - | 379.39 |
| in industry/transf./energy | 28.92 | 6.34 | 233.32 | 109.92 | - | - | - | - | - | - | 378.50 |
| of which: feedstocks | 1.37 | 6.24 | 124.82 | 108.28 | - | - | - | - | - | - | 240.70 |
| in transport | - | - | 0.30 | - | - | - | - | - | - | - | 0.30 |
| in other sectors | 0.36 | - | 0.22 | - | - | - | - | 0.01 | - | - | 0.59 |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|----------------|------------|---------------|----------------|---------------|----------------|--------------|---------------|-----------|---------------|-----------------|
| Electr. generated - GWh | 4270626 | 161 | 680522 | 1820062 | 446420 | 1819966 | 45443 | 41244 | - | 1698 | 9126142 |
| Electricity plants | 3985103 | 36 | 645286 | 1228912 | 436587 | 1819966 | 45443 | 38805 | - | 1467 | 8201605 |
| CHP plants | 285523 | 125 | 35236 | 591150 | 9833 | - | - | 2439 | - | 231 | 924537 |
| Heat generated - TJ | 4141377 | 109 | 548112 | 5276937 | 17527 | - | 2037 | 157539 | 23 | 372501 | 10516162 |
| CHP plants | 1206821 | 109 | 110811 | 2327772 | 17527 | - | 18 | 27587 | - | 5506 | 3696151 |
| Heat plants | 2934556 | - | 437301 | 2949165 | - | - | 2019 | 129952 | 23 | 366995 | 6820011 |

Africa / Afrique

Figure 1. Energy production

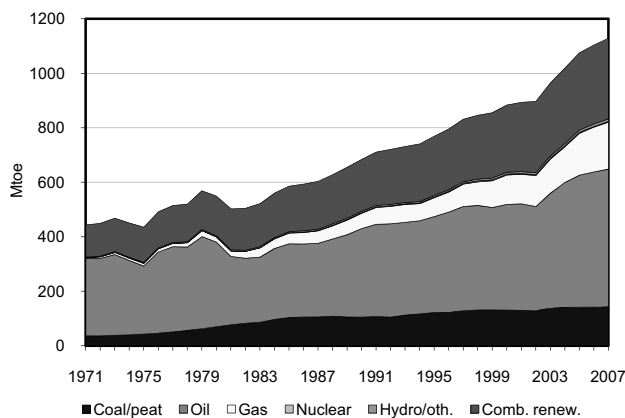


Figure 2. Total primary energy supply*

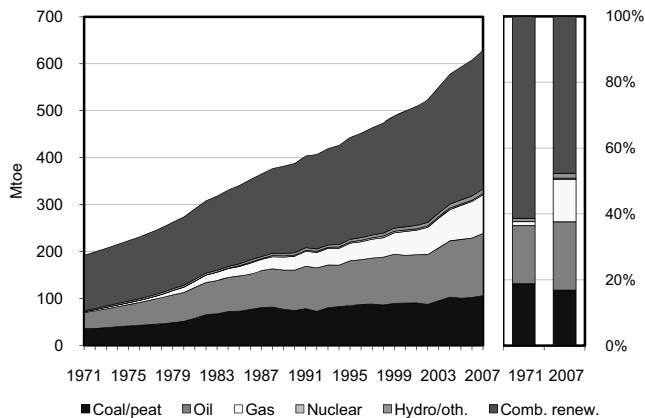


Figure 3. Energy self-sufficiency**

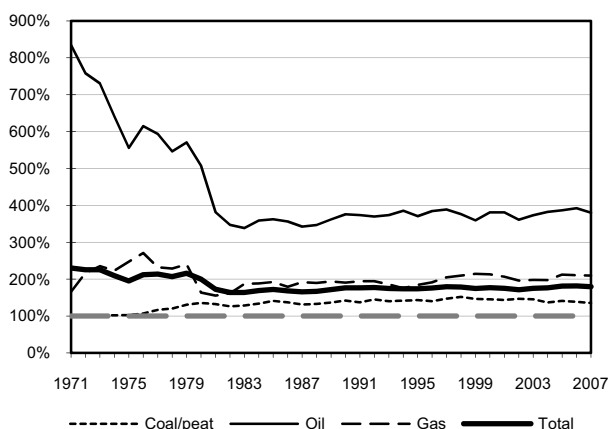


Figure 4. Oil products demand***

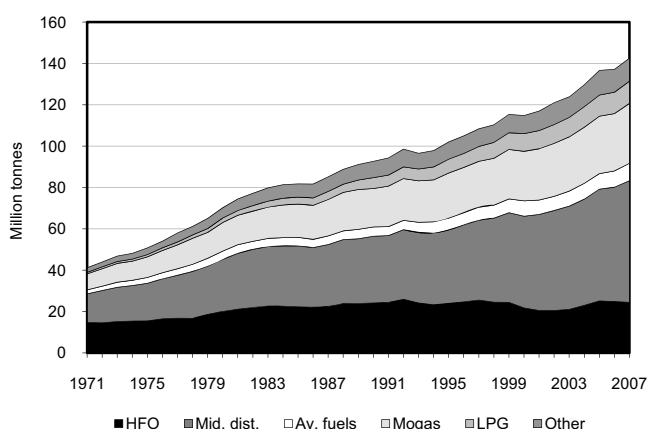


Figure 5. Electricity generation by fuel

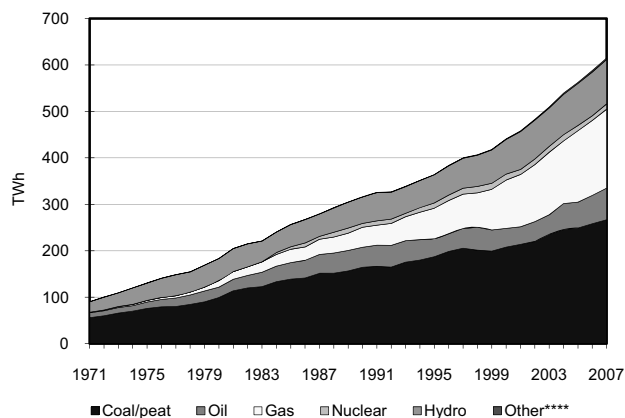
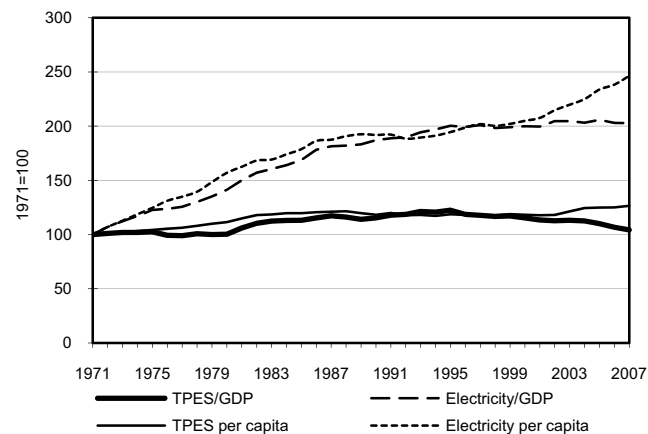


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Africa / Afrique

2006

Million tonnes of oil equivalent / Millions de tonnes d'équivalent pétrole

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|---------------|---------------|--------------------|--------------|-------------|-------------|----------------------|-------------------------|--------------|-------------|---------------|
| Production | 141.82 | 496.19 | - | 164.27 | 2.61 | 8.09 | 0.97 | 290.04 | - | 0.01 | 1104.00 |
| Imports | 7.41 | 38.94 | 46.83 | 4.03 | - | - | - | - | 2.90 | - | 100.11 |
| Exports | -46.82 | -402.38 | -40.79 | -90.31 | - | - | - | -0.28 | -2.72 | - | -583.30 |
| Intl. marine bunkers | - | - | -5.67 | - | - | - | - | - | - | - | -5.67 |
| Intl. aviation bunkers | - | - | -5.55 | - | - | - | - | - | - | - | -5.55 |
| Stock changes | -0.04 | -0.90 | -0.25 | - | - | - | - | - | - | - | -1.19 |
| TPES | 102.37 | 131.85 | -5.43 | 77.99 | 2.61 | 8.09 | 0.97 | 289.76 | 0.18 | 0.01 | 608.40 |
| Electricity and CHP plants | -59.07 | -0.76 | -16.72 | -36.37 | -2.61 | -8.09 | -0.95 | -0.75 | 50.59 | -0.01 | -74.73 |
| Petroleum refineries | - | -126.08 | 120.56 | - | - | - | - | - | - | - | -5.52 |
| Other transformation* | -26.98 | -4.99 | 9.45 | -14.86 | - | - | - | -32.90 | -9.55 | - | -79.83 |
| TFC | 16.33 | - | 107.85 | 26.77 | - | - | 0.02 | 256.10 | 41.23 | - | 448.30 |
| INDUSTRY SECTOR | 9.37 | - | 14.38 | 14.32 | - | - | - | 24.96 | 18.83 | - | 81.86 |
| Iron and steel | 4.73 | - | 0.14 | 0.88 | - | - | - | - | 0.57 | - | 6.31 |
| Chemical and petrochemical | - | - | 0.03 | 1.91 | - | - | - | - | 1.06 | - | 3.00 |
| Non-metallic minerals | 0.71 | - | 0.74 | 0.21 | - | - | - | - | 0.59 | - | 2.24 |
| Other/non-specified | 3.93 | - | 13.47 | 11.32 | - | - | - | 24.96 | 16.61 | - | 70.31 |
| TRANSPORT SECTOR | 0.01 | - | 62.76 | 1.65 | - | - | - | - | 0.40 | - | 64.81 |
| Domestic aviation | - | - | 2.66 | - | - | - | - | - | - | - | 2.66 |
| Road | - | - | 58.96 | 0.28 | - | - | - | - | - | - | 59.24 |
| Other/non-specified | 0.01 | - | 1.14 | 1.37 | - | - | - | - | 0.40 | - | 2.91 |
| OTHER SECTORS | 5.74 | - | 24.15 | 5.11 | - | - | 0.02 | 231.15 | 22.00 | - | 288.16 |
| Residential | 3.65 | - | 16.42 | 4.74 | - | - | - | 207.26 | 12.33 | - | 244.40 |
| Comm. and publ. services | 1.86 | - | 1.37 | 0.07 | - | - | - | 2.75 | 6.15 | - | 12.19 |
| Agriculture/forestry | 0.18 | - | 5.27 | - | - | - | - | 1.28 | 1.49 | - | 8.22 |
| Other/non-specified | 0.05 | - | 1.09 | 0.30 | - | - | 0.02 | 19.86 | 2.03 | - | 23.36 |
| NON-ENERGY USE | 1.21 | - | 6.56 | 5.69 | - | - | - | - | - | - | 13.47 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 258296 | - | 61187 | 161380 | 10026 | 94077 | 1915 | 1395 | - | 28 | 588304 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | 305 | 305 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|---------------|---------------------|--------------|-------------|-------------|------------------------|----------------------|--------------|-------------|---------------|
| Production | 143.37 | 504.90 | - | 172.58 | 2.95 | 8.23 | 1.00 | 295.70 | - | 0.01 | 1128.73 |
| Imports | 7.47 | 39.85 | 51.42 | 4.37 | - | - | - | - | 2.91 | - | 106.01 |
| Exports | -44.86 | -411.23 | -40.79 | -94.67 | - | - | - | -0.28 | -2.64 | - | -594.48 |
| Intl. marine bunkers | - | - | -5.70 | - | - | - | - | - | - | - | -5.70 |
| Intl. aviation bunkers | - | - | -5.96 | - | - | - | - | - | - | - | -5.96 |
| Stock changes | 0.05 | 0.37 | 0.03 | - | - | - | - | - | - | - | 0.44 |
| TPES | 106.02 | 133.88 | -1.01 | 82.28 | 2.95 | 8.23 | 1.00 | 295.42 | 0.27 | 0.01 | 629.04 |
| Electricity and CHP plants | -61.66 | -0.83 | -17.35 | -38.10 | -2.95 | -8.23 | -0.98 | -0.62 | 52.90 | -0.01 | -77.83 |
| Petroleum refineries | - | -125.93 | 121.22 | - | - | - | - | - | - | - | -4.71 |
| Other transformation* | -27.78 | -7.12 | 9.61 | -15.89 | - | - | - | -33.31 | -9.79 | - | -84.30 |
| TFC | 16.58 | - | 112.46 | 28.28 | - | - | 0.02 | 261.50 | 43.38 | - | 462.21 |
| INDUSTRY SECTOR | 9.49 | - | 14.41 | 15.34 | - | - | - | 25.65 | 19.64 | - | 84.54 |
| Iron and steel | 4.51 | - | 0.15 | 0.87 | - | - | - | - | 0.53 | - | 6.06 |
| Chemical and petrochemical | - | - | 0.03 | 2.08 | - | - | - | - | 1.10 | - | 3.21 |
| Non-metallic minerals | 0.73 | - | 0.78 | 0.21 | - | - | - | - | 0.61 | - | 2.34 |
| Other/non-specified | 4.25 | - | 13.45 | 12.18 | - | - | - | 25.65 | 17.40 | - | 72.93 |
| TRANSPORT SECTOR | 0.01 | - | 66.23 | 1.46 | - | - | - | - | 0.39 | - | 68.09 |
| Domestic aviation | - | - | 2.83 | - | - | - | - | - | - | - | 2.83 |
| Road | - | - | 62.35 | 0.30 | - | - | - | - | - | - | 62.65 |
| Other/non-specified | 0.01 | - | 1.05 | 1.16 | - | - | - | - | 0.39 | - | 2.61 |
| OTHER SECTORS | 5.81 | - | 25.27 | 5.62 | - | - | 0.02 | 235.84 | 23.34 | - | 295.89 |
| Residential | 3.71 | - | 16.88 | 5.40 | - | - | - | 211.48 | 13.15 | - | 250.62 |
| Comm. and publ. services | 1.88 | - | 1.59 | 0.09 | - | - | - | 2.69 | 6.25 | - | 12.51 |
| Agriculture/forestry | 0.17 | - | 5.67 | - | - | - | - | 1.31 | 1.56 | - | 8.71 |
| Other/non-specified | 0.05 | - | 1.13 | 0.13 | - | - | 0.02 | 20.36 | 2.38 | - | 24.06 |
| NON-ENERGY USE | 1.27 | - | 6.55 | 5.86 | - | - | - | - | - | - | 13.68 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 267037 | - | 67986 | 170069 | 11317 | 95648 | 2239 | 763 | - | 28 | 615087 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | 305 | 305 |

* Includes transfers, statistical differences, own use and distribution losses.

Latin America / Amérique latine

Figure 1. Energy production

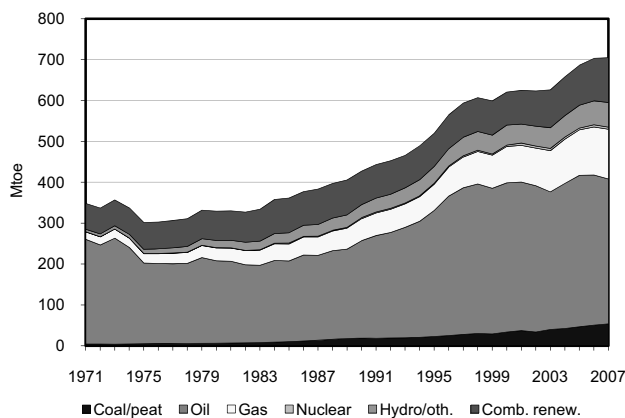


Figure 2. Total primary energy supply*

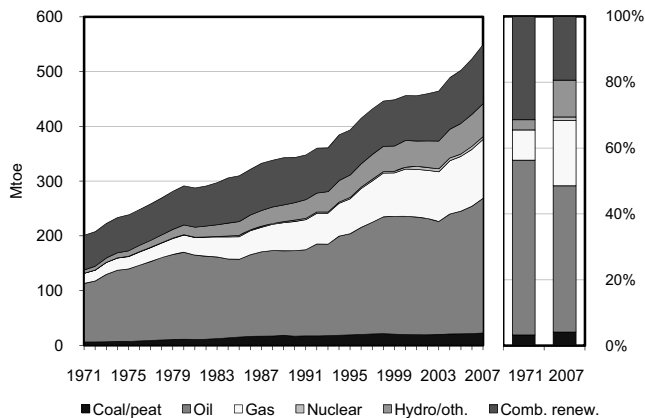


Figure 3. Energy self-sufficiency**

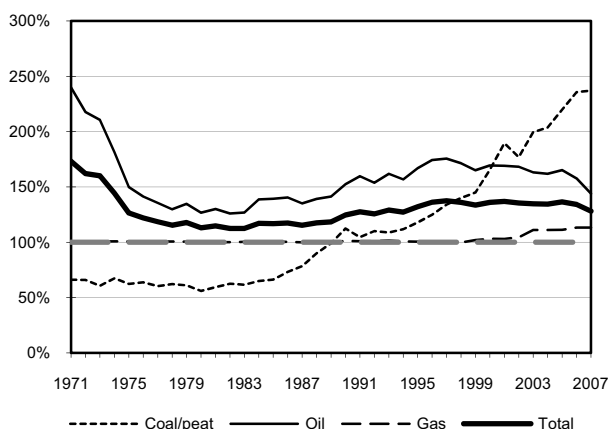


Figure 4. Oil products demand***

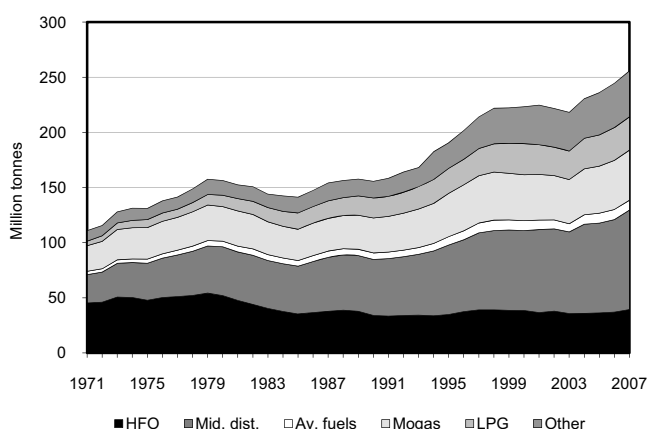


Figure 5. Electricity generation by fuel

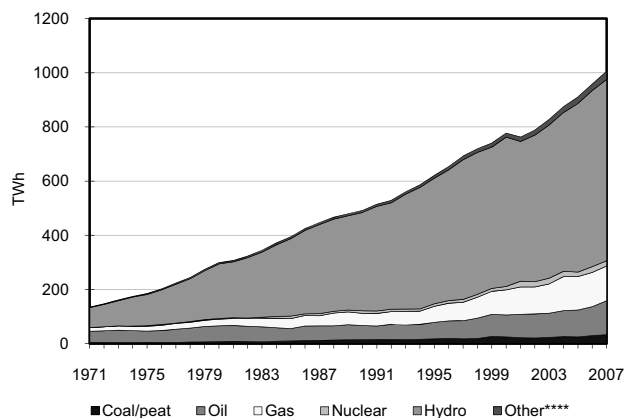
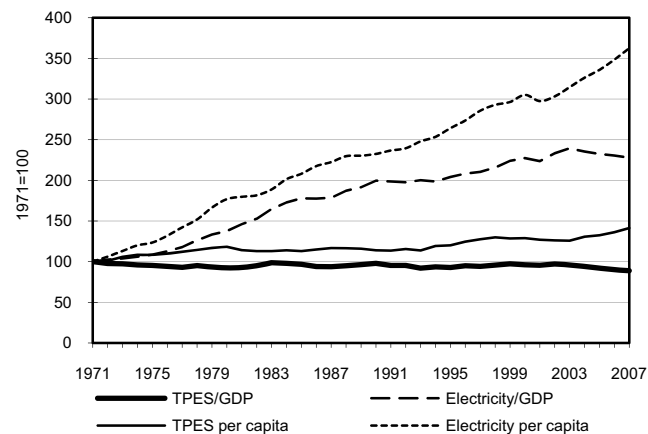


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Latin America / Amérique latine

2006

| Million tonnes of oil equivalent / Millions de tonnes d'équivalent pétrole | | | | | | | | | | | |
|--|--------------|---------------|--------------------|---------------|-------------|--------------|----------------------|-------------------------|--------------|-------------|---------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | 50.72 | 367.09 | - | 117.57 | 5.59 | 55.88 | 2.53 | 103.82 | - | 0.15 | 703.33 |
| Imports | 15.97 | 72.04 | 56.35 | 15.29 | - | - | - | 0.01 | 4.92 | - | 164.59 |
| Exports | -45.73 | -155.84 | -95.03 | -28.93 | - | - | - | -1.98 | -4.61 | - | -332.12 |
| Intl. marine bunkers | - | - | -8.46 | - | - | - | - | - | - | - | -8.46 |
| Intl. aviation bunkers | - | - | -5.90 | - | - | - | - | - | - | - | -5.90 |
| Stock changes | 0.54 | 0.71 | 1.90 | -0.12 | - | - | - | -0.32 | - | - | 2.73 |
| TPES | 21.51 | 284.00 | -51.14 | 103.82 | 5.59 | 55.88 | 2.53 | 101.53 | 0.31 | 0.15 | 524.16 |
| Electricity and CHP plants | -7.69 | -2.53 | -24.21 | -27.77 | -5.59 | -55.88 | -2.35 | -5.64 | 82.52 | -0.15 | -49.28 |
| Petroleum refineries | - | -271.29 | 265.11 | - | - | - | - | - | - | - | -6.18 |
| Other transformation* | -3.76 | -10.00 | 0.72 | -15.24 | - | - | - | -15.35 | -16.60 | - | -60.23 |
| TFC | 10.06 | 0.19 | 190.48 | 60.81 | - | - | 0.17 | 80.54 | 66.23 | - | 408.48 |
| INDUSTRY SECTOR | 9.80 | 0.18 | 30.18 | 29.79 | - | - | - | 41.91 | 31.23 | - | 143.09 |
| Iron and steel | 6.09 | 0.01 | 1.13 | 7.06 | - | - | - | 6.03 | 3.68 | - | 24.00 |
| Chemical and petrochemical | 0.14 | - | 4.54 | 6.29 | - | - | - | 0.20 | 2.56 | - | 13.72 |
| Non-metallic minerals | 0.96 | 0.01 | 2.82 | 3.58 | - | - | - | 2.34 | 0.84 | - | 10.53 |
| Other/non-specified | 2.61 | 0.16 | 21.69 | 12.86 | - | - | - | 33.34 | 24.15 | - | 94.84 |
| TRANSPORT SECTOR | 0.01 | - | 108.87 | 6.06 | - | - | - | 6.65 | 0.25 | - | 121.84 |
| Domestic aviation | - | - | 3.84 | - | - | - | - | - | - | - | 3.84 |
| Road | - | - | 99.22 | 5.04 | - | - | - | 6.65 | - | - | 110.91 |
| Other/non-specified | 0.01 | - | 5.81 | 1.02 | - | - | - | - | 0.25 | - | 7.09 |
| OTHER SECTORS | 0.09 | 0.01 | 29.40 | 11.41 | - | - | 0.17 | 31.98 | 34.75 | - | 107.81 |
| Residential | 0.06 | - | 15.35 | 8.92 | - | - | 0.06 | 28.03 | 17.78 | - | 70.20 |
| Comm. and publ. services | - | - | 2.84 | 1.86 | - | - | - | 0.49 | 14.66 | - | 19.85 |
| Agriculture/forestry | - | - | 10.25 | - | - | - | - | 3.15 | 1.79 | - | 15.21 |
| Other/non-specified | 0.01 | 0.01 | 0.96 | 0.62 | - | - | 0.12 | 0.31 | 0.52 | - | 2.55 |
| NON-ENERGY USE | 0.16 | - | 22.03 | 13.54 | - | - | - | - | - | - | 35.74 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 29985 | - | 106841 | 126542 | 21445 | 649715 | 3373 | 21097 | - | 558 | 959556 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | 6092 | 6092 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|---------------|---------------------|---------------|-------------|--------------|------------------------|----------------------|--------------|-------------|---------------|
| Production | 53.62 | 354.59 | - | 121.63 | 5.10 | 57.54 | 2.69 | 109.69 | - | 0.37 | 705.22 |
| Imports | 18.38 | 76.75 | 63.74 | 13.49 | - | - | - | 0.01 | 4.86 | - | 177.23 |
| Exports | -47.46 | -144.49 | -86.78 | -27.58 | - | - | - | -2.12 | -4.52 | - | -312.93 |
| Intl. marine bunkers | - | - | -9.12 | - | - | - | - | - | - | - | -9.12 |
| Intl. aviation bunkers | - | - | -5.26 | - | - | - | - | - | - | - | -5.26 |
| Stock changes | -1.94 | -0.56 | -2.66 | -0.07 | - | - | - | 0.48 | - | - | -4.75 |
| TPES | 22.60 | 286.29 | -40.08 | 107.47 | 5.10 | 57.54 | 2.69 | 108.06 | 0.34 | 0.37 | 550.38 |
| Electricity and CHP plants | -7.98 | -2.97 | -27.34 | -28.40 | -5.10 | -57.54 | -2.55 | -6.46 | 86.57 | -0.37 | -52.14 |
| Petroleum refineries | - | -274.06 | 268.46 | - | - | - | - | - | - | - | -5.60 |
| Other transformation* | -4.07 | -9.15 | -3.16 | -17.99 | - | - | - | -16.99 | -17.64 | - | -69.00 |
| TFC | 10.56 | 0.11 | 197.89 | 61.08 | - | - | 0.14 | 84.59 | 69.27 | - | 423.65 |
| INDUSTRY SECTOR | 10.31 | 0.11 | 32.34 | 30.68 | - | - | - | 43.32 | 32.38 | - | 149.14 |
| Iron and steel | 6.57 | 0.01 | 1.23 | 7.40 | - | - | - | 6.24 | 4.02 | - | 25.47 |
| Chemical and petrochemical | 0.16 | - | 4.38 | 6.33 | - | - | - | 0.20 | 2.66 | - | 13.73 |
| Non-metallic minerals | 0.93 | 0.01 | 3.20 | 3.70 | - | - | - | 2.43 | 0.87 | - | 11.14 |
| Other/non-specified | 2.65 | 0.09 | 23.53 | 13.25 | - | - | - | 34.45 | 24.83 | - | 98.80 |
| TRANSPORT SECTOR | 0.01 | - | 113.75 | 5.68 | - | - | - | 9.13 | 0.26 | - | 128.83 |
| Domestic aviation | - | - | 4.19 | - | - | - | - | - | - | - | 4.19 |
| Road | - | - | 103.31 | 5.08 | - | - | - | 9.13 | - | - | 117.51 |
| Other/non-specified | 0.01 | - | 6.25 | 0.60 | - | - | - | - | 0.26 | - | 7.13 |
| OTHER SECTORS | 0.08 | - | 29.17 | 12.76 | - | - | 0.14 | 32.14 | 36.63 | - | 110.92 |
| Residential | 0.06 | - | 14.73 | 10.16 | - | - | 0.01 | 28.13 | 18.89 | - | 71.98 |
| Comm. and publ. services | - | - | 2.71 | 1.96 | - | - | - | 0.57 | 15.17 | - | 20.42 |
| Agriculture/forestry | - | - | 10.47 | 0.01 | - | - | - | 3.18 | 1.97 | - | 15.64 |
| Other/non-specified | 0.01 | - | 1.26 | 0.62 | - | - | 0.14 | 0.26 | 0.59 | - | 2.88 |
| NON-ENERGY USE | 0.16 | - | 22.63 | 11.97 | - | - | - | - | - | - | 34.76 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 33291 | - | 125346 | 128175 | 19567 | 669063 | 3836 | 25946 | - | 1439 | 1006663 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | 15701 | 15701 |

* Includes transfers, statistical differences, own use and distribution losses.

Asia (excluding China) / Asie (Chine non incluse)

Figure 1. Energy production

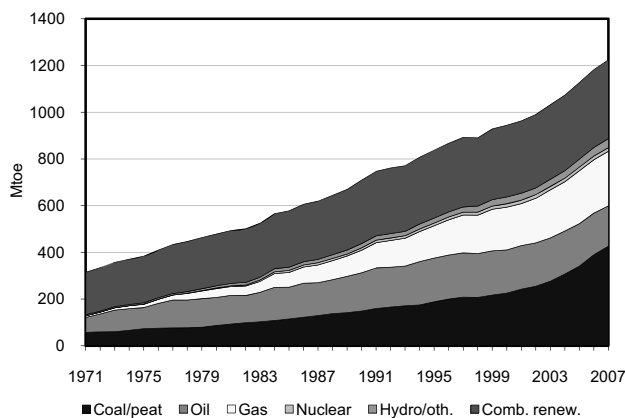


Figure 2. Total primary energy supply*

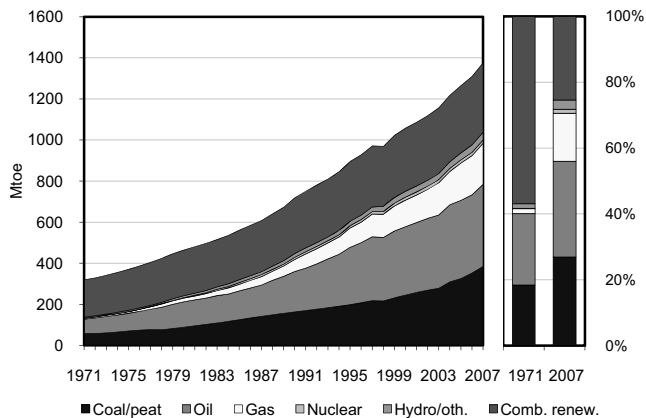


Figure 3. Energy self-sufficiency**

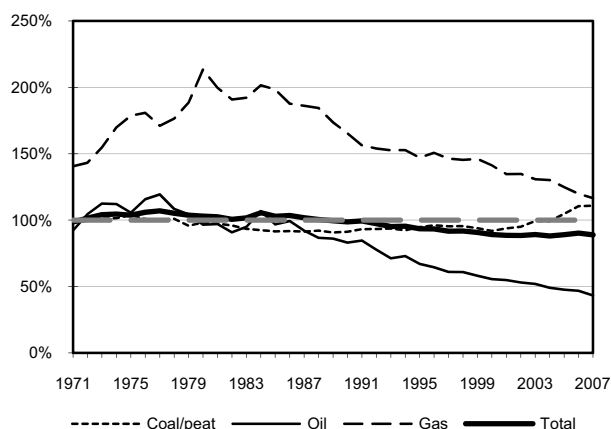


Figure 4. Oil products demand***

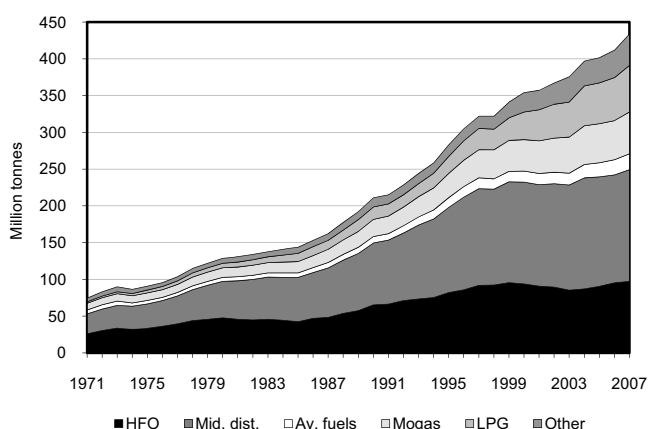


Figure 5. Electricity generation by fuel

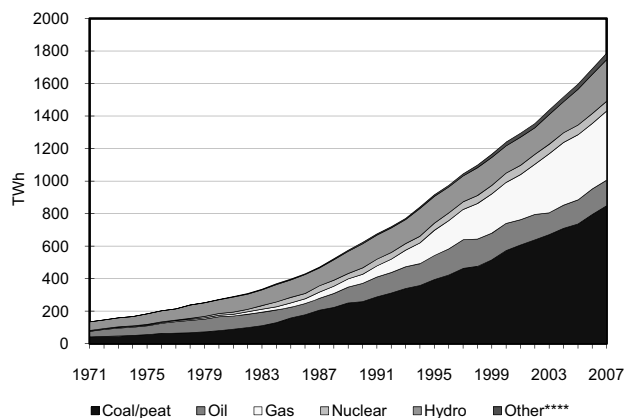
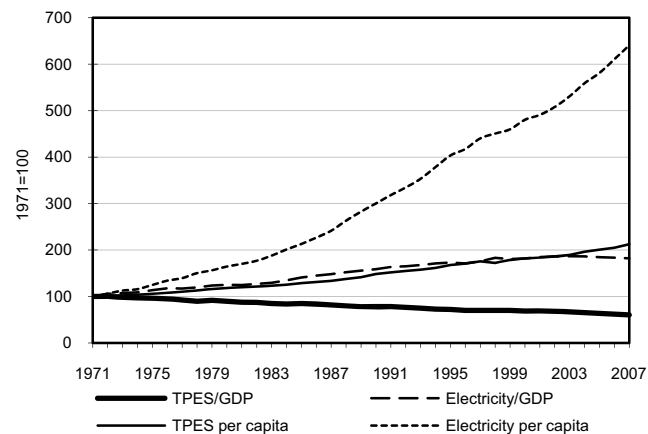


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Asia (excluding China) / Asie (Chine non incluse)

2006

| Million tonnes of oil equivalent / Millions de tonnes d'équivalent pétrole | | | | | | | | | | | |
|--|---------------|---------------|--------------------|---------------|--------------|--------------|----------------------|-------------------------|---------------|-------------|----------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | 390.06 | 178.04 | - | 228.82 | 15.89 | 20.74 | 15.71 | 333.07 | - | - | 1182.32 |
| Imports | 92.70 | 308.91 | 152.29 | 34.42 | - | - | - | 0.04 | 0.85 | - | 589.21 |
| Exports | -123.75 | -67.70 | -143.71 | -72.44 | - | - | - | -0.13 | -0.72 | - | -408.45 |
| Intl. marine bunkers | - | - | -32.40 | - | - | - | - | - | - | - | -32.40 |
| Intl. aviation bunkers | - | - | -20.26 | - | - | - | - | - | - | - | -20.26 |
| Stock changes | -6.25 | 2.15 | 3.51 | 0.14 | - | - | - | -0.02 | - | - | -0.47 |
| TPES | 352.77 | 421.40 | -40.57 | 190.93 | 15.89 | 20.74 | 15.71 | 332.95 | 0.13 | - | 1309.95 |
| Electricity and CHP plants | -234.51 | - | -37.88 | -85.52 | -15.89 | -20.74 | -15.50 | -3.18 | 145.51 | 0.78 | -266.93 |
| Petroleum refineries | - | -408.07 | 393.85 | - | - | - | - | - | - | - | -14.23 |
| Other transformation* | -15.72 | -10.37 | -11.94 | -39.25 | - | - | - | -11.68 | -31.86 | -0.05 | -120.87 |
| TFC | 102.54 | 2.95 | 303.45 | 66.17 | - | - | 0.21 | 318.09 | 113.79 | 0.73 | 907.92 |
| INDUSTRY SECTOR | 86.83 | - | 47.09 | 30.61 | - | - | - | 46.47 | 51.66 | 0.20 | 262.86 |
| Iron and steel | 18.98 | - | 2.61 | 0.40 | - | - | - | - | 1.97 | - | 23.96 |
| Chemical and petrochemical | 4.48 | - | 7.52 | 0.89 | - | - | - | 0.29 | 4.08 | - | 17.25 |
| Non-metallic minerals | 27.16 | - | 2.95 | 0.62 | - | - | - | 0.49 | 1.26 | - | 32.48 |
| Other/non-specified | 36.21 | - | 34.01 | 28.70 | - | - | - | 45.69 | 44.35 | 0.20 | 189.17 |
| TRANSPORT SECTOR | 0.04 | - | 135.51 | 2.36 | - | - | - | 0.19 | 1.07 | - | 139.17 |
| Domestic aviation | - | - | 1.36 | - | - | - | - | - | - | - | 1.36 |
| Road | - | - | 127.14 | 2.23 | - | - | - | 0.19 | - | - | 129.56 |
| Other/non-specified | 0.04 | - | 7.01 | 0.13 | - | - | - | - | 1.07 | - | 8.25 |
| OTHER SECTORS | 15.27 | - | 59.03 | 9.84 | - | - | 0.21 | 271.42 | 61.05 | 0.53 | 417.35 |
| Residential | 3.85 | - | 38.53 | 7.35 | - | - | 0.09 | 261.75 | 29.16 | 0.34 | 341.07 |
| Comm. and publ. services | 3.48 | - | 4.75 | 1.16 | - | - | - | 6.76 | 18.07 | 0.16 | 34.38 |
| Agriculture/forestry | 0.02 | - | 13.73 | 0.24 | - | - | - | 0.04 | 9.53 | - | 23.58 |
| Other/non-specified | 7.91 | - | 2.02 | 1.08 | - | - | 0.12 | 2.87 | 4.29 | 0.03 | 18.32 |
| NON-ENERGY USE | 0.39 | 2.95 | 61.82 | 23.37 | - | - | - | 0.01 | - | - | 88.54 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 795387 | - | 157088 | 402741 | 60960 | 241190 | 26185 | 8417 | - | - | 1691968 |
| Heat generated - TJ | 32786 | - | 80 | - | - | - | - | - | - | - | 32866 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|---------------|---------------------|---------------|--------------|--------------|------------------------|----------------------|---------------|-------------|----------------|
| Production | 426.38 | 173.06 | - | 233.40 | 15.74 | 22.02 | 16.10 | 337.76 | - | - | 1224.45 |
| Imports | 103.58 | 317.92 | 176.20 | 39.48 | - | - | - | 0.03 | 0.99 | - | 638.20 |
| Exports | -147.41 | -62.72 | -157.23 | -72.56 | - | - | - | -0.17 | -0.79 | - | -440.88 |
| Intl. marine bunkers | - | - | -35.30 | - | - | - | - | - | - | - | -35.30 |
| Intl. aviation bunkers | - | - | -21.34 | - | - | - | - | - | - | - | -21.34 |
| Stock changes | 2.14 | 2.58 | 6.92 | -0.11 | - | - | - | -0.02 | - | - | 11.50 |
| TPES | 384.68 | 430.84 | -30.76 | 200.22 | 15.74 | 22.02 | 16.10 | 337.61 | 0.20 | - | 1376.64 |
| Electricity and CHP plants | -251.16 | - | -37.79 | -89.00 | -15.74 | -22.02 | -15.87 | -3.54 | 153.72 | 0.77 | -280.64 |
| Petroleum refineries | - | -415.11 | 403.91 | - | - | - | - | - | - | - | -11.20 |
| Other transformation* | -23.10 | -12.47 | -14.12 | -38.11 | - | - | - | -12.04 | -32.38 | -0.05 | -132.27 |
| TFC | 110.42 | 3.26 | 321.24 | 73.11 | - | - | 0.23 | 322.03 | 121.55 | 0.72 | 952.56 |
| INDUSTRY SECTOR | 94.94 | - | 47.86 | 38.13 | - | - | - | 46.60 | 54.88 | 0.21 | 282.61 |
| Iron and steel | 19.84 | - | 2.54 | 0.41 | - | - | - | - | 2.07 | - | 24.87 |
| Chemical and petrochemical | 5.16 | - | 7.13 | 0.88 | - | - | - | 0.30 | 4.35 | - | 17.82 |
| Non-metallic minerals | 29.39 | - | 2.94 | 0.57 | - | - | - | 0.52 | 1.27 | - | 34.69 |
| Other/non-specified | 40.55 | - | 35.25 | 36.27 | - | - | - | 45.78 | 47.19 | 0.21 | 205.23 |
| TRANSPORT SECTOR | 0.04 | - | 142.93 | 3.20 | - | - | - | 0.30 | 1.19 | - | 147.67 |
| Domestic aviation | - | - | 1.21 | - | - | - | - | - | - | - | 1.21 |
| Road | - | - | 134.98 | 3.05 | - | - | - | 0.30 | - | - | 138.33 |
| Other/non-specified | 0.04 | - | 6.74 | 0.15 | - | - | - | - | 1.19 | - | 8.13 |
| OTHER SECTORS | 14.94 | - | 59.98 | 10.29 | - | - | 0.23 | 275.12 | 65.47 | 0.51 | 426.54 |
| Residential | 3.97 | - | 38.54 | 7.78 | - | - | 0.09 | 265.33 | 30.87 | 0.34 | 346.93 |
| Comm. and publ. services | 3.59 | - | 4.87 | 1.22 | - | - | - | 6.83 | 19.34 | 0.14 | 35.98 |
| Agriculture/forestry | 0.02 | - | 14.76 | 0.23 | - | - | - | 0.05 | 10.34 | - | 25.40 |
| Other/non-specified | 7.36 | - | 1.82 | 1.05 | - | - | 0.14 | 2.91 | 4.91 | 0.03 | 18.22 |
| NON-ENERGY USE | 0.51 | 3.26 | 70.46 | 21.50 | - | - | - | 0.01 | - | - | 95.74 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 848422 | - | 157674 | 425621 | 60392 | 256038 | 29435 | 9836 | - | - | 1787418 |
| Heat generated - TJ | 32178 | - | 161 | - | - | - | - | - | - | - | 32339 |

* Includes transfers, statistical differences, own use and distribution losses.

China / Chine

Figure 1. Energy production

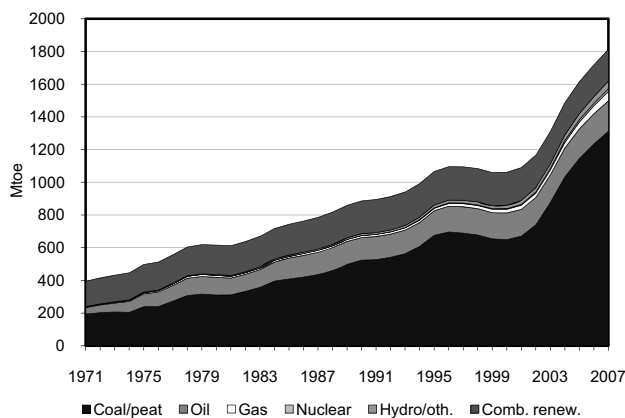


Figure 2. Total primary energy supply*

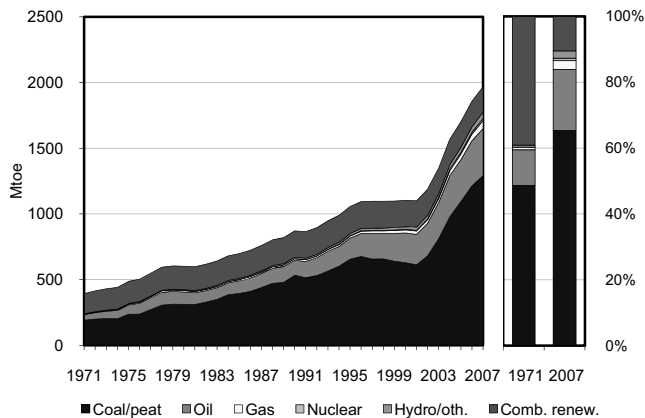


Figure 3. Energy self-sufficiency**

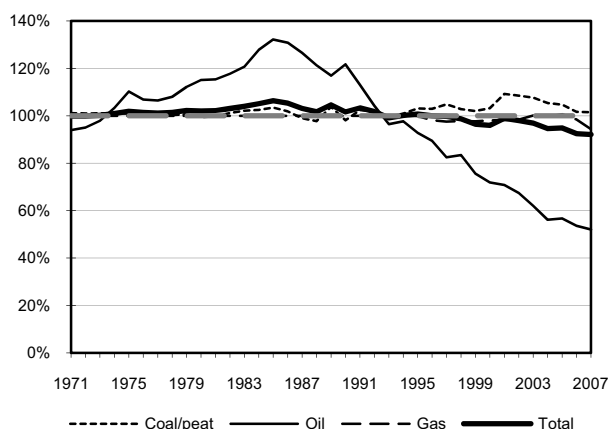


Figure 4. Oil products demand***

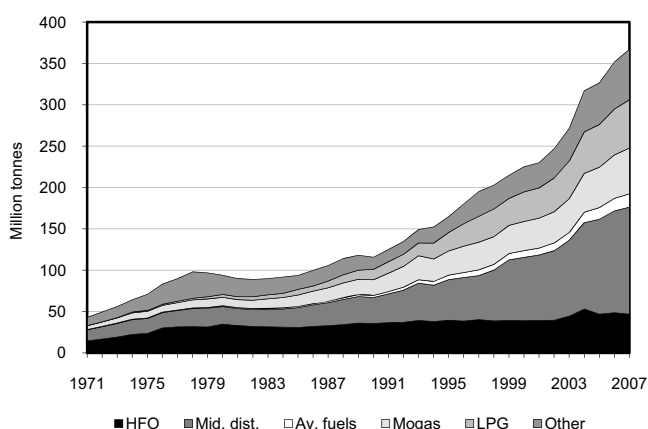


Figure 5. Electricity generation by fuel

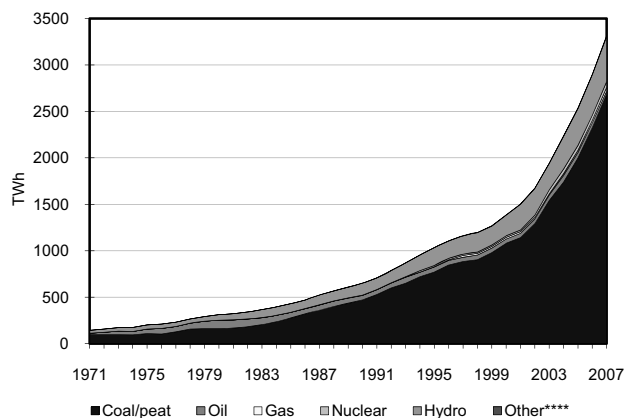
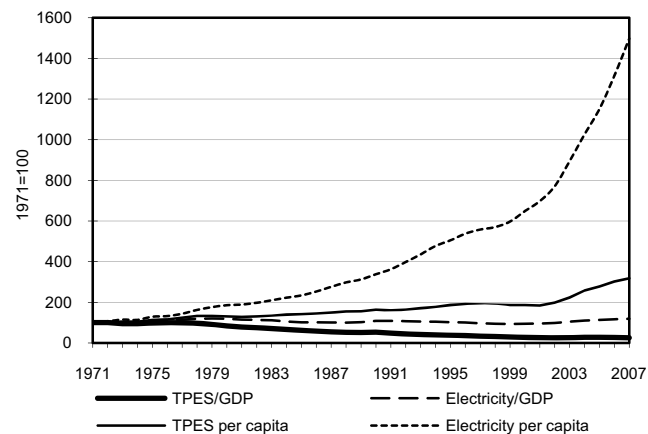


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

China / Chine

2006

Million tonnes of oil equivalent / Millions de tonnes d'équivalent pétrole

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|------------------|---------------|---------------------|--------------|--------------|---------------|------------------------|-------------------------|---------------|--------------|----------------|
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Électricité | Chaleur | Total |
| Production | 1234.45 | 184.85 | - | 48.99 | 14.29 | 37.48 | 3.78 | 194.64 | - | - | 1718.48 |
| Imports | 27.59 | 145.18 | 62.21 | 3.20 | - | - | - | - | 1.40 | - | 239.57 |
| Exports | -51.02 | -6.34 | -17.27 | -2.42 | - | - | - | - | -1.44 | - | -78.50 |
| Intl. marine bunkers | - | - | -15.35 | - | - | - | - | - | - | - | -15.35 |
| Intl. aviation bunkers | - | - | -7.20 | - | - | - | - | - | - | - | -7.20 |
| Stock changes | 2.99 | -1.11 | -0.11 | - | - | - | - | - | - | - | 1.77 |
| TPES | 1214.00 | 322.58 | 22.28 | 49.76 | 14.29 | 37.48 | 3.78 | 194.65 | -0.04 | - | 1858.78 |
| Transfers | - | -0.09 | 0.10 | - | - | - | - | - | - | - | 0.02 |
| Statistical differences | 12.60 | -1.83 | 0.36 | -1.31 | - | - | - | - | - | - | 9.81 |
| Electricity plants | -613.98 | -0.23 | -12.76 | -5.45 | -14.29 | -37.48 | -0.34 | -0.80 | 249.64 | - | -435.69 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | -77.28 | -0.01 | -3.08 | -1.78 | - | - | - | -0.47 | - | 58.94 | -23.68 |
| Gas works | -6.68 | - | -0.71 | 5.31 | - | - | - | - | - | - | -2.08 |
| Petroleum refineries | - | -310.46 | 303.26 | - | - | - | - | - | - | - | -7.20 |
| Coal transformation | -88.79 | - | - | - | - | - | - | - | - | - | -88.79 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -46.64 | -5.65 | -17.57 | -7.40 | - | - | - | - | -30.86 | -9.96 | -118.08 |
| Distribution losses | - | - | -0.02 | -1.08 | - | - | - | - | -16.02 | -0.71 | -17.83 |
| TFC | 393.24 | 4.32 | 291.86 | 38.04 | - | - | 3.44 | 193.38 | 202.72 | 48.27 | 1175.26 |
| INDUSTRY SECTOR | 299.99 | 2.82 | 39.13 | 16.19 | - | - | - | - | 136.70 | 32.35 | 527.19 |
| Iron and steel | 118.04 | - | 2.80 | 1.03 | - | - | - | - | 26.11 | 3.87 | 151.85 |
| Chemical and petrochemical | 30.59 | - | 6.07 | 8.92 | - | - | - | - | 24.43 | 13.82 | 83.84 |
| Non-ferrous metals | 8.64 | - | 1.63 | 0.86 | - | - | - | - | 15.72 | 2.08 | 28.93 |
| Non-metallic minerals | 84.90 | - | 9.74 | 2.54 | - | - | - | - | 14.39 | 0.17 | 111.74 |
| Transport equipment | 3.34 | - | 1.02 | 0.53 | - | - | - | - | 2.97 | 0.71 | 8.56 |
| Machinery | 10.45 | - | 3.77 | 1.51 | - | - | - | - | 16.21 | 1.08 | 33.01 |
| Mining and quarrying | 3.76 | - | 1.17 | 0.17 | - | - | - | - | 5.00 | 0.38 | 10.48 |
| Food and tobacco | 11.80 | - | 1.53 | 0.22 | - | - | - | - | 4.76 | 2.47 | 20.79 |
| Paper pulp and printing | 8.54 | - | 0.76 | 0.08 | - | - | - | - | 4.42 | 2.73 | 16.52 |
| Wood and wood products | 1.87 | - | 0.26 | 0.02 | - | - | - | - | 1.34 | 0.16 | 3.65 |
| Construction | 3.09 | - | 4.63 | 0.14 | - | - | - | - | 2.33 | 0.12 | 10.30 |
| Textile and leather | 9.38 | - | 1.59 | 0.06 | - | - | - | - | 10.36 | 4.23 | 25.62 |
| Non-specified | 5.59 | 2.82 | 4.18 | 0.13 | - | - | - | - | 8.66 | 0.52 | 21.90 |
| TRANSPORT SECTOR | 3.63 | - | 119.86 | 0.06 | - | - | - | 1.01 | 1.93 | - | 126.48 |
| Domestic aviation | - | - | 8.55 | - | - | - | - | - | - | - | 8.55 |
| Road | - | - | 85.99 | 0.05 | - | - | - | - | 1.01 | - | 87.05 |
| Rail | 3.63 | - | 9.86 | - | - | - | - | - | 1.93 | - | 15.41 |
| Pipeline transport | - | - | 5.30 | 0.01 | - | - | - | - | - | - | 5.31 |
| Domestic navigation | - | - | 10.17 | - | - | - | - | - | - | - | 10.17 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 65.98 | 0.20 | 65.36 | 14.55 | - | - | 3.44 | 192.37 | 64.08 | 15.91 | 421.91 |
| Residential | 44.51 | - | 19.47 | 11.38 | - | - | - | 192.36 | 28.81 | 13.60 | 310.14 |
| Comm. and publ. services | 5.28 | - | 23.28 | 3.17 | - | - | - | - | 13.41 | 1.05 | 46.20 |
| Agriculture/forestry | 12.23 | - | 22.61 | - | - | - | - | - | 8.14 | 0.02 | 43.01 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 3.96 | 0.20 | - | - | - | - | 3.44 | - | 13.71 | 1.25 | 22.56 |
| NON-ENERGY USE | 23.64 | 1.30 | 67.52 | 7.23 | - | - | - | - | - | - | 99.68 |
| in industry/transf./energy | 23.64 | 1.30 | 67.52 | 7.23 | - | - | - | - | - | - | 99.68 |
| of which: feedstocks | - | 1.30 | 34.80 | 7.23 | - | - | - | - | - | - | 43.33 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 2328195 | - | 51589 | 26104 | 54843 | 435786 | 3974 | 2331 | - | - | 2902822 |
| Electricity plants | 2328195 | - | 51589 | 26104 | 54843 | 435786 | 3974 | 2331 | - | - | 2902822 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | 2279447 | - | 109682 | 67219 | - | - | - | 11771 | - | - | 2468119 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | 2279447 | - | 109682 | 67219 | - | - | - | 11771 | - | - | 2468119 |

China / Chine

2007

| Million tonnes of oil equivalent / Millions de tonnes d'équivalent pétrole | | | | | | | | | | | |
|--|------------------|---------------|---------------------|--------------|--------------|---------------|------------------------|-------------------------|---------------|--------------|----------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | 1312.15 | 186.42 | - | 57.93 | 16.19 | 41.73 | 5.06 | 194.54 | - | - | 1814.03 |
| Imports | 35.34 | 163.16 | 60.18 | 5.61 | - | - | - | - | 1.31 | - | 265.59 |
| Exports | -45.17 | -3.88 | -19.26 | -2.18 | - | - | - | - | -1.60 | - | -72.09 |
| Intl. marine bunkers | - | - | -17.15 | - | - | - | - | - | - | - | -17.15 |
| Intl. aviation bunkers | - | - | -7.14 | - | - | - | - | - | - | - | -7.14 |
| Stock changes | -9.69 | -5.24 | 1.20 | - | - | - | - | - | - | - | -13.73 |
| TPES | 1292.62 | 340.45 | 17.84 | 61.36 | 16.19 | 41.73 | 5.06 | 194.55 | -0.29 | - | 1969.51 |
| Transfers | - | -0.10 | 0.12 | - | - | - | - | - | - | - | 0.02 |
| Statistical differences | 30.74 | -1.82 | 0.17 | -0.81 | - | - | - | - | - | - | 28.28 |
| Electricity plants | -675.39 | -0.16 | -8.32 | -8.75 | -16.19 | -41.73 | -0.77 | -0.79 | 285.36 | - | -466.74 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | -79.51 | -0.01 | -2.76 | -1.66 | - | - | - | -0.46 | - | 61.75 | -22.64 |
| Gas works | -7.43 | - | -0.48 | 5.07 | - | - | - | - | - | - | -2.84 |
| Petroleum refineries | - | -328.33 | 321.76 | - | - | - | - | - | - | - | -6.57 |
| Coal transformation | -97.72 | - | - | - | - | - | - | - | - | - | -97.72 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -50.97 | -5.69 | -17.18 | -8.74 | - | - | - | - | -34.11 | -9.35 | -126.05 |
| Distribution losses | - | - | -0.02 | -0.93 | - | - | - | - | -17.31 | -0.76 | -19.02 |
| TFC | 412.34 | 4.35 | 311.13 | 45.53 | - | - | 4.29 | 193.29 | 233.65 | 51.65 | 1256.23 |
| INDUSTRY SECTOR | 319.47 | 2.84 | 37.93 | 18.90 | - | - | - | - | 160.93 | 35.21 | 575.28 |
| Iron and steel | 130.24 | - | 2.70 | 1.19 | - | - | - | - | 31.97 | 4.38 | 170.48 |
| Chemical and petrochemical | 33.50 | - | 5.55 | 10.22 | - | - | - | - | 28.18 | 14.99 | 92.43 |
| Non-ferrous metals | 9.12 | - | 1.58 | 0.96 | - | - | - | - | 20.94 | 2.12 | 34.73 |
| Non-metallic minerals | 86.40 | - | 9.56 | 3.14 | - | - | - | - | 16.21 | 0.23 | 115.54 |
| Transport equipment | 3.44 | - | 0.94 | 0.60 | - | - | - | - | 3.65 | 0.65 | 9.28 |
| Machinery | 10.96 | - | 3.56 | 1.85 | - | - | - | - | 18.99 | 1.13 | 36.49 |
| Mining and quarrying | 4.08 | - | 1.06 | 0.19 | - | - | - | - | 5.93 | 0.40 | 11.65 |
| Food and tobacco | 12.53 | - | 1.42 | 0.25 | - | - | - | - | 5.45 | 2.61 | 22.27 |
| Paper pulp and printing | 8.58 | - | 0.72 | 0.09 | - | - | - | - | 4.45 | 2.83 | 16.67 |
| Wood and wood products | 1.88 | - | 0.25 | 0.02 | - | - | - | - | 1.56 | 0.18 | 3.88 |
| Construction | 3.01 | - | 4.67 | 0.17 | - | - | - | - | 2.66 | 0.14 | 10.65 |
| Textile and leather | 9.93 | - | 1.50 | 0.08 | - | - | - | - | 11.55 | 5.04 | 28.09 |
| Non-specified | 5.81 | 2.84 | 4.42 | 0.14 | - | - | - | - | 9.40 | 0.50 | 23.12 |
| TRANSPORT SECTOR | 3.32 | - | 133.62 | 0.07 | - | - | - | 1.11 | 2.37 | - | 140.49 |
| Domestic aviation | - | - | 9.57 | - | - | - | - | - | - | - | 9.57 |
| Road | - | - | 94.92 | 0.06 | - | - | - | - | 1.11 | - | 96.08 |
| Rail | 3.32 | - | 10.92 | - | - | - | - | - | 2.37 | - | 16.61 |
| Pipeline transport | - | - | 6.32 | 0.01 | - | - | - | - | - | - | 6.33 |
| Domestic navigation | - | - | 11.90 | - | - | - | - | - | - | - | 11.90 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 64.37 | 0.20 | 66.75 | 18.19 | - | - | 4.29 | 192.18 | 70.35 | 16.44 | 432.77 |
| Residential | 42.74 | - | 21.61 | 14.15 | - | - | - | 192.18 | 32.03 | 13.78 | 316.48 |
| Comm. and publ. services | 5.14 | - | 23.38 | 4.04 | - | - | - | - | 14.46 | 1.14 | 48.15 |
| Agriculture/forestry | 12.39 | - | 21.76 | - | - | - | - | - | 8.42 | 0.03 | 42.60 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 4.10 | 0.20 | - | - | - | - | 4.29 | - | 15.45 | 1.50 | 25.55 |
| NON-ENERGY USE | 25.17 | 1.31 | 72.83 | 8.37 | - | - | - | - | - | - | 107.69 |
| in industry/transf./energy | 25.17 | 1.31 | 72.83 | 8.37 | - | - | - | - | - | - | 107.69 |
| of which: feedstocks | - | 1.31 | 36.72 | 8.37 | - | - | - | - | - | - | 46.40 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 2684974 | - | 33745 | 40855 | 62130 | 485264 | 8907 | 2310 | - | - | 3318185 |
| Electricity plants | 2684974 | - | 33745 | 40855 | 62130 | 485264 | 8907 | 2310 | - | - | 3318185 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | 2413239 | - | 98593 | 62532 | - | - | - | 11663 | - | - | 2586027 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | 2413239 | - | 98593 | 62532 | - | - | - | 11663 | - | - | 2586027 |

Non-OECD Europe / Europe non-OCDE

Figure 1. Energy production

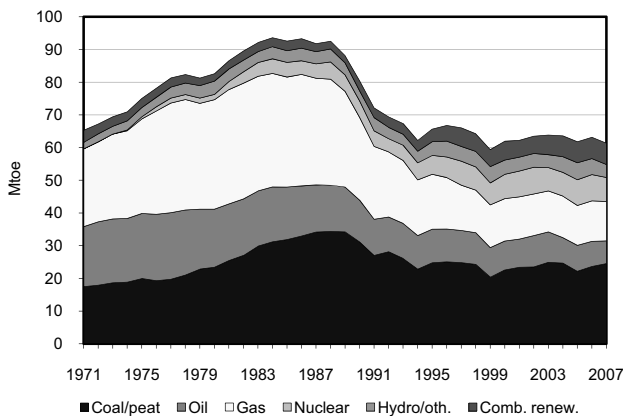


Figure 2. Total primary energy supply*

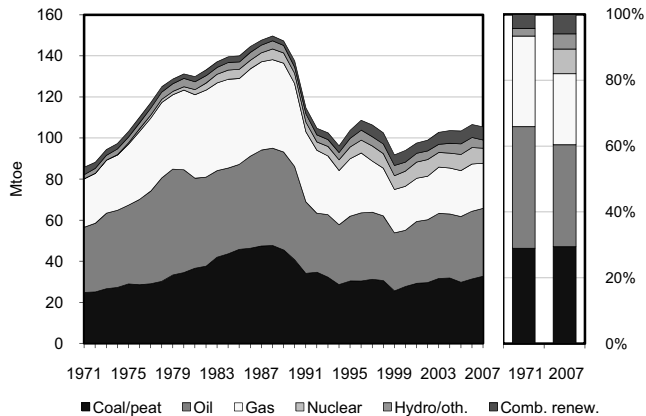


Figure 3. Energy self-sufficiency**

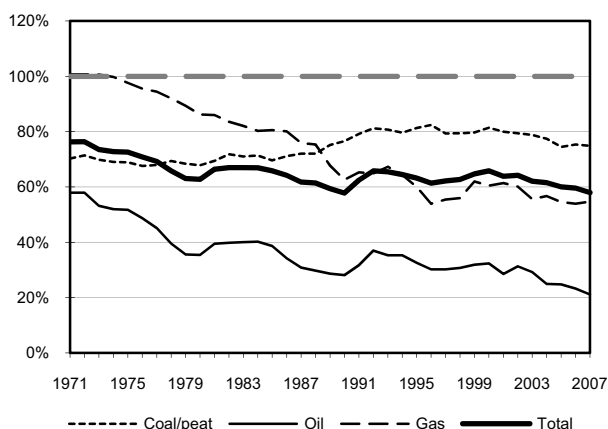


Figure 4. Oil products demand***

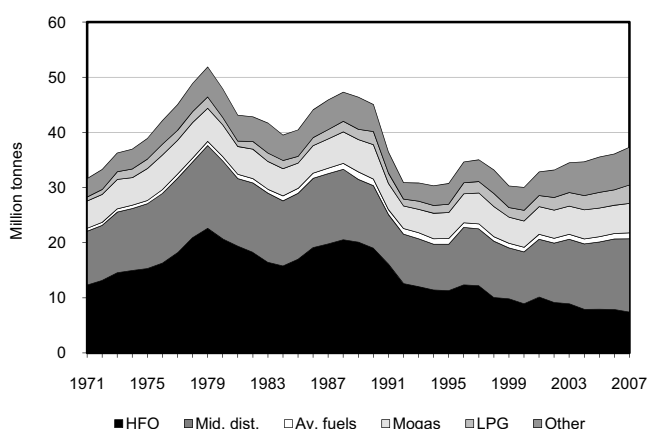


Figure 5. Electricity generation by fuel

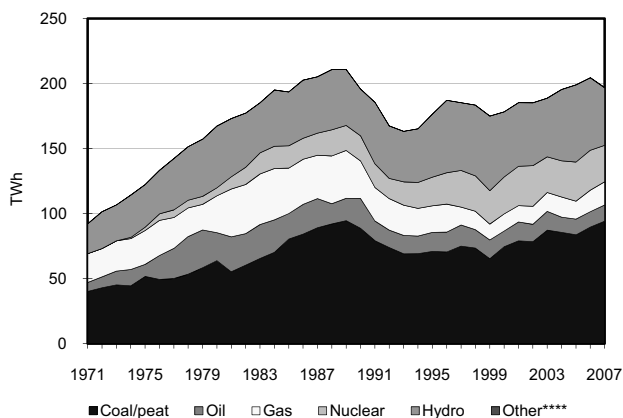
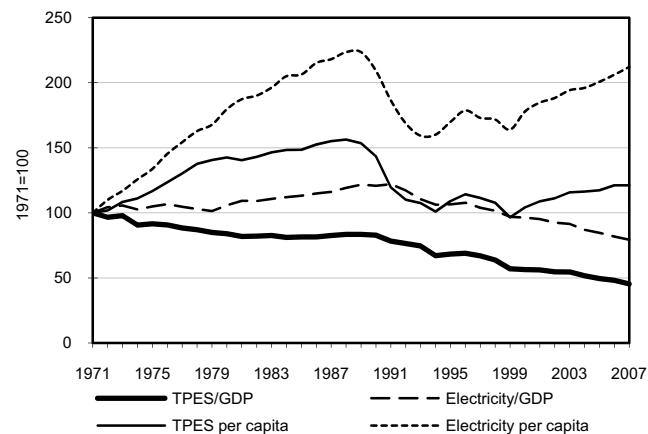


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Non-OECD Europe / Europe non-OCDE

2006

| Million tonnes of oil equivalent / Millions de tonnes d'équivalent pétrole | | | | | | | | | | | |
|--|--------------|--------------|--------------------|--------------|-------------|-------------|----------------------|-------------------------|--------------|-------------|---------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | 23.63 | 7.69 | - | 12.40 | 8.01 | 4.79 | 0.11 | 6.54 | - | - | 63.17 |
| Imports | 7.66 | 23.47 | 16.73 | 11.36 | - | - | - | 0.01 | 2.71 | - | 61.95 |
| Exports | -0.46 | - | -11.90 | -0.73 | - | - | - | -0.18 | -3.30 | - | -16.58 |
| Intl. marine bunkers | - | - | -2.37 | - | - | - | - | - | - | - | -2.37 |
| Intl. aviation bunkers | - | - | -0.91 | - | - | - | - | - | - | - | -0.91 |
| Stock changes | 0.54 | 0.17 | 0.16 | -0.05 | - | - | - | -0.05 | - | - | 0.76 |
| TPES | 31.37 | 31.33 | 1.72 | 22.98 | 8.01 | 4.79 | 0.11 | 6.31 | -0.59 | - | 106.02 |
| Electricity and CHP plants | -25.18 | - | -3.24 | -5.05 | -8.00 | -4.79 | - | -0.03 | 17.60 | 3.94 | -24.75 |
| Petroleum refineries | - | -31.33 | 31.15 | - | - | - | - | - | - | - | -0.17 |
| Other transformation* | -2.33 | -0.02 | -3.72 | -3.74 | - | - | -0.01 | -0.19 | -4.50 | 0.58 | -13.92 |
| TFC | 3.87 | - | 25.91 | 14.20 | - | - | 0.10 | 6.08 | 12.51 | 4.51 | 67.18 |
| INDUSTRY SECTOR | 2.72 | - | 4.47 | 6.56 | - | - | - | 0.66 | 5.02 | 1.32 | 20.76 |
| Iron and steel | 1.67 | - | 0.34 | 1.02 | - | - | - | 0.01 | 1.23 | 0.25 | 4.52 |
| Chemical and petrochemical | 0.23 | - | 0.97 | 1.69 | - | - | - | 0.09 | 0.73 | 0.62 | 4.32 |
| Non-metallic minerals | 0.40 | - | 0.90 | 0.94 | - | - | - | 0.03 | 0.55 | 0.02 | 2.83 |
| Other/non-specified | 0.42 | - | 2.26 | 2.91 | - | - | - | 0.53 | 2.51 | 0.43 | 9.09 |
| TRANSPORT SECTOR | - | - | 14.55 | 0.28 | - | - | - | 0.01 | 0.22 | - | 15.07 |
| Domestic aviation | - | - | 0.09 | - | - | - | - | - | - | - | 0.09 |
| Road | - | - | 14.16 | 0.03 | - | - | - | 0.01 | - | - | 14.20 |
| Other/non-specified | - | - | 0.30 | 0.25 | - | - | - | - | 0.22 | - | 0.78 |
| OTHER SECTORS | 1.13 | - | 3.63 | 5.35 | - | - | 0.10 | 5.40 | 7.26 | 3.19 | 26.06 |
| Residential | 0.74 | - | 1.44 | 3.47 | - | - | 0.04 | 5.18 | 4.66 | 2.48 | 18.00 |
| Comm. and publ. services | 0.02 | - | 0.70 | 1.80 | - | - | 0.05 | 0.04 | 2.48 | 0.59 | 5.67 |
| Agriculture/forestry | 0.01 | - | 0.88 | 0.08 | - | - | 0.01 | 0.01 | 0.09 | 0.03 | 1.11 |
| Other/non-specified | 0.36 | - | 0.62 | - | - | - | - | 0.17 | 0.02 | 0.09 | 1.27 |
| NON-ENERGY USE | 0.02 | - | 3.26 | 2.01 | - | - | - | - | - | - | 5.29 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 89678 | - | 11888 | 16538 | 30673 | 55658 | 40 | 139 | - | - | 204614 |
| Heat generated - TJ | 70473 | - | 42269 | 133373 | 585 | - | 268 | 3239 | - | - | 250207 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|--------------|-------------|-------------|------------------------|----------------------|--------------|-------------|---------------|
| Production | 24.52 | 6.98 | - | 12.04 | 7.33 | 3.80 | 0.17 | 6.52 | - | - | 61.36 |
| Imports | 8.91 | 23.97 | 16.97 | 10.58 | - | - | - | 0.10 | 3.13 | - | 63.65 |
| Exports | -0.55 | - | -11.23 | -0.61 | - | - | - | -0.17 | -2.73 | - | -15.30 |
| Intl. marine bunkers | - | - | -2.47 | - | - | - | - | - | - | - | -2.47 |
| Intl. aviation bunkers | - | - | -0.91 | - | - | - | - | - | - | - | -0.91 |
| Stock changes | -0.14 | -0.05 | -0.23 | - | - | - | - | -0.05 | - | - | -0.47 |
| TPES | 32.74 | 30.89 | 2.12 | 22.01 | 7.33 | 3.80 | 0.17 | 6.39 | 0.40 | - | 105.85 |
| Electricity and CHP plants | -26.12 | - | -3.44 | -5.32 | -7.33 | -3.80 | -0.01 | -0.03 | 16.94 | 3.78 | -25.33 |
| Petroleum refineries | - | -31.69 | 31.66 | - | - | - | - | - | - | - | -0.03 |
| Other transformation* | -2.65 | 0.85 | -3.28 | -3.54 | - | - | -0.05 | -0.20 | -4.64 | 0.40 | -13.07 |
| TFC | 3.97 | 0.04 | 27.06 | 13.15 | - | - | 0.11 | 6.16 | 12.71 | 4.19 | 67.40 |
| INDUSTRY SECTOR | 2.80 | 0.04 | 4.05 | 6.52 | - | - | - | 0.68 | 4.97 | 1.31 | 20.37 |
| Iron and steel | 1.64 | - | 0.12 | 1.09 | - | - | - | 0.01 | 1.18 | 0.20 | 4.23 |
| Chemical and petrochemical | 0.21 | 0.04 | 1.06 | 1.53 | - | - | - | 0.07 | 0.69 | 0.71 | 4.31 |
| Non-metallic minerals | 0.45 | - | 0.82 | 0.87 | - | - | - | 0.04 | 0.50 | 0.02 | 2.71 |
| Other/non-specified | 0.50 | - | 2.05 | 3.03 | - | - | - | 0.56 | 2.60 | 0.38 | 9.12 |
| TRANSPORT SECTOR | - | - | 15.32 | 0.34 | - | - | - | 0.07 | 0.23 | - | 15.96 |
| Domestic aviation | - | - | 0.20 | - | - | - | - | - | - | - | 0.20 |
| Road | - | - | 14.65 | 0.04 | - | - | - | 0.07 | - | - | 14.76 |
| Other/non-specified | - | - | 0.47 | 0.30 | - | - | - | - | 0.23 | - | 1.00 |
| OTHER SECTORS | 1.12 | - | 4.06 | 4.40 | - | - | 0.11 | 5.40 | 7.51 | 2.88 | 25.49 |
| Residential | 0.74 | - | 1.69 | 2.83 | - | - | 0.05 | 5.17 | 4.70 | 2.27 | 17.46 |
| Comm. and publ. services | 0.01 | - | 0.63 | 1.29 | - | - | 0.05 | 0.05 | 2.65 | 0.50 | 5.17 |
| Agriculture/forestry | 0.02 | - | 0.87 | 0.25 | - | - | 0.01 | 0.05 | 0.10 | 0.02 | 1.31 |
| Other/non-specified | 0.35 | - | 0.87 | 0.03 | - | - | - | 0.14 | 0.06 | 0.10 | 1.55 |
| NON-ENERGY USE | 0.06 | - | 3.62 | 1.90 | - | - | - | - | - | - | 5.57 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 94219 | - | 12496 | 17799 | 28047 | 44178 | 88 | 165 | - | - | 196992 |
| Heat generated - TJ | 70995 | - | 31136 | 130755 | 854 | - | 2004 | 1783 | - | - | 237527 |

* Includes transfers, statistical differences, own use and distribution losses.

Former Soviet Union / Ex-Union Soviétique

Figure 1. Energy production

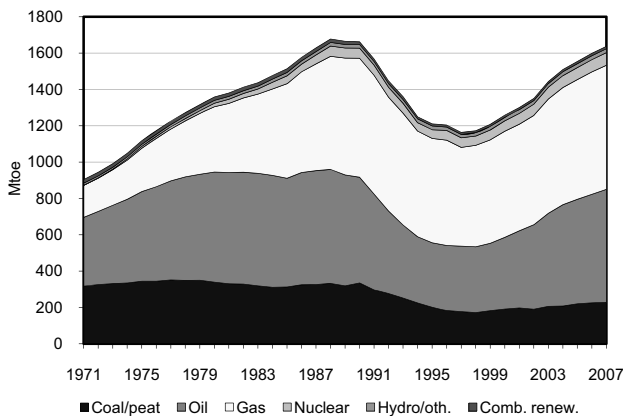


Figure 2. Total primary energy supply*

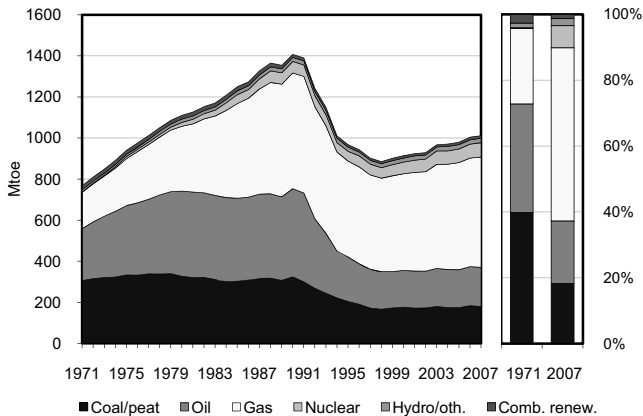


Figure 3. Energy self-sufficiency**

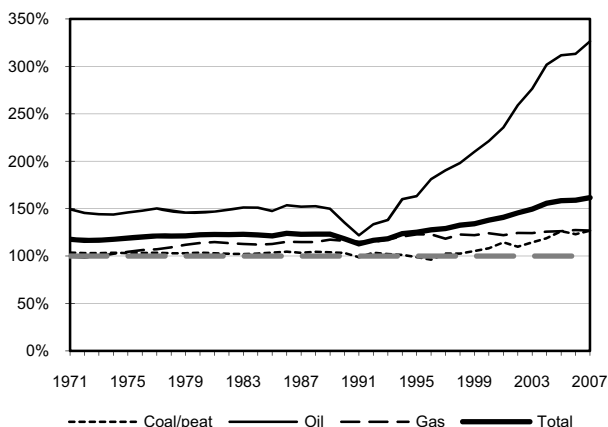


Figure 4. Oil products demand***

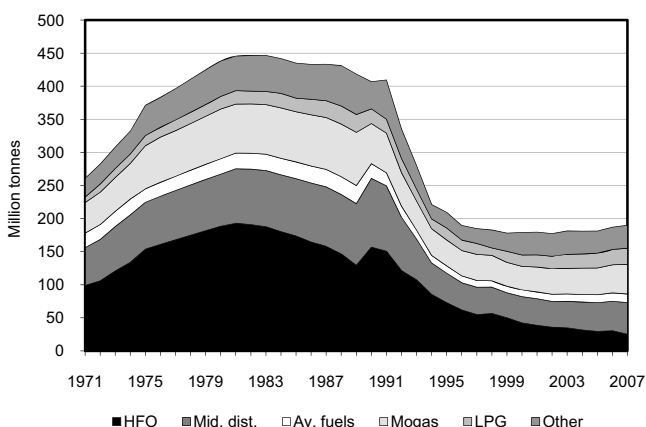


Figure 5. Electricity generation by fuel

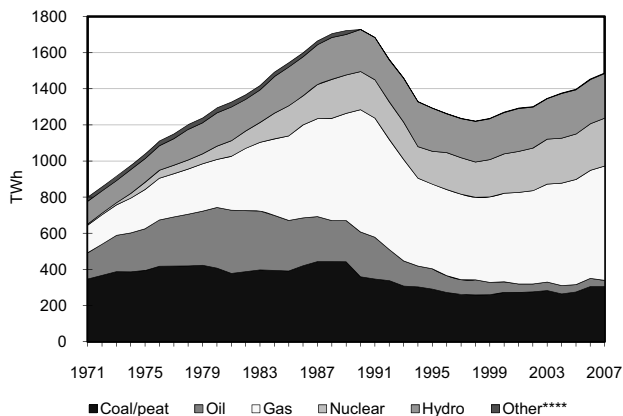
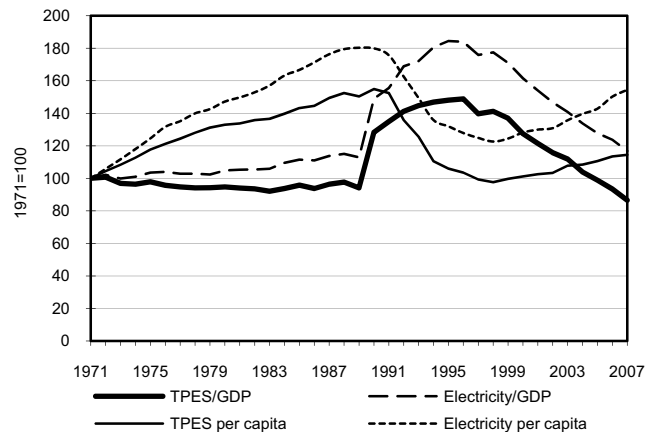


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Former Soviet Union / Ex-Union Soviétique

2006

| Million tonnes of oil equivalent / Millions de tonnes d'équivalent pétrole | | | | | | | | | | | |
|--|------------------|---------------|---------------------|---------------|--------------|--------------|------------------------|-------------------------|--------------|---------------|----------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | 225.79 | 597.40 | - | 673.69 | 67.62 | 21.05 | 0.43 | 13.18 | - | 9.24 | 1608.41 |
| Imports | 22.76 | 49.60 | 15.18 | 91.26 | - | - | - | 0.05 | 4.58 | - | 183.44 |
| Exports | -65.83 | -336.92 | -122.96 | -225.20 | - | - | - | -0.58 | -6.16 | - | -757.65 |
| Intl. marine bunkers | - | - | -0.54 | - | - | - | - | - | - | - | -0.54 |
| Intl. aviation bunkers | - | - | -6.77 | - | - | - | - | - | - | - | -6.77 |
| Stock changes | 0.71 | -2.49 | -1.77 | -11.20 | - | - | - | 0.08 | - | - | -14.66 |
| TPES | 183.44 | 307.60 | -116.86 | 528.56 | 67.62 | 21.05 | 0.43 | 12.73 | -1.58 | 9.24 | 1012.22 |
| Transfers | - | -0.17 | 0.19 | - | - | - | - | - | - | - | 0.01 |
| Statistical differences | 0.46 | -0.04 | 0.11 | -0.60 | - | - | - | 0.01 | 0.07 | - | - |
| Electricity plants | -19.75 | -0.05 | -1.27 | -13.16 | -64.97 | -21.05 | -0.41 | - | 53.63 | -0.05 | -67.09 |
| CHP plants | -88.80 | -0.05 | -11.22 | -177.70 | -2.65 | - | - | -1.95 | 71.49 | 86.14 | -124.73 |
| Heat plants | -16.61 | -0.76 | -8.25 | -82.04 | - | - | - | -3.31 | - | 95.12 | -15.85 |
| Gas works | -0.24 | - | - | 0.11 | - | - | - | - | - | - | -0.13 |
| Petroleum refineries | - | -300.93 | 293.97 | - | - | - | - | - | - | - | -6.96 |
| Coal transformation | -17.48 | - | - | - | - | - | - | -0.01 | - | - | -17.49 |
| Liquefaction plants | -0.53 | 0.37 | - | -0.03 | - | - | - | - | - | - | -0.20 |
| Other transformation | - | 0.88 | -1.95 | -1.96 | - | - | - | -0.64 | - | - | -3.69 |
| Own use | -3.01 | -0.95 | -15.71 | -20.27 | - | - | - | -0.38 | -21.80 | -21.19 | -83.32 |
| Distribution losses | -0.88 | -3.97 | -0.07 | -9.45 | - | - | - | - | -14.16 | -16.32 | -44.84 |
| TFC | 36.60 | 1.92 | 138.92 | 223.44 | - | - | 0.01 | 6.44 | 87.64 | 152.95 | 647.94 |
| INDUSTRY SECTOR | 25.82 | 0.01 | 16.94 | 53.04 | - | - | - | 0.89 | 43.72 | 59.64 | 200.06 |
| Iron and steel | 17.70 | - | 1.87 | 19.14 | - | - | - | 0.13 | 8.74 | 8.10 | 55.67 |
| Chemical and petrochemical | 0.37 | - | 6.92 | 4.12 | - | - | - | 0.12 | 5.22 | 14.70 | 31.45 |
| Non-ferrous metals | 0.02 | - | 0.49 | 0.72 | - | - | - | - | 10.02 | 0.17 | 11.42 |
| Non-metallic minerals | 1.24 | - | 0.37 | 13.32 | - | - | - | 0.05 | 2.18 | 2.33 | 19.49 |
| Transport equipment | 0.05 | - | 0.17 | 0.88 | - | - | - | - | 1.56 | 2.31 | 4.96 |
| Machinery | 0.14 | - | 0.22 | 1.09 | - | - | - | 0.02 | 3.02 | 3.09 | 7.58 |
| Mining and quarrying | 0.49 | - | 2.17 | 1.72 | - | - | - | 0.01 | 3.19 | 1.90 | 9.47 |
| Food and tobacco | 0.24 | - | 0.82 | 1.60 | - | - | - | 0.08 | 2.31 | 5.92 | 10.96 |
| Paper pulp and printing | - | - | 0.23 | 0.20 | - | - | - | 0.01 | 1.73 | 4.70 | 6.89 |
| Wood and wood products | 0.01 | - | 0.14 | 0.30 | - | - | - | 0.39 | 0.51 | 1.42 | 2.77 |
| Construction | 0.04 | 0.01 | 1.71 | 1.46 | - | - | - | 0.02 | 1.19 | 0.99 | 5.42 |
| Textile and leather | 0.01 | - | 0.04 | 0.12 | - | - | - | 0.01 | 0.50 | 1.02 | 1.70 |
| Non-specified | 5.51 | - | 1.79 | 8.36 | - | - | - | 0.05 | 3.55 | 13.00 | 32.27 |
| TRANSPORT SECTOR | 0.01 | 0.01 | 73.82 | 38.36 | - | - | - | 0.03 | 8.87 | 0.09 | 121.18 |
| Domestic aviation | - | - | 5.99 | - | - | - | - | - | - | - | 5.99 |
| Road | - | - | 62.24 | 0.20 | - | - | - | 0.02 | - | - | 62.46 |
| Rail | 0.01 | - | 3.66 | - | - | - | - | - | 4.74 | - | 8.41 |
| Pipeline transport | - | 0.01 | 0.11 | 38.14 | - | - | - | - | 2.57 | - | 40.83 |
| Domestic navigation | - | - | 1.36 | - | - | - | - | - | - | - | 1.36 |
| Non-specified | - | - | 0.46 | 0.03 | - | - | - | 0.01 | 1.55 | 0.09 | 2.13 |
| OTHER SECTORS | 8.42 | 0.11 | 22.20 | 101.36 | - | - | 0.01 | 5.53 | 35.05 | 93.22 | 265.90 |
| Residential | 5.38 | - | 9.08 | 72.96 | - | - | 0.01 | 4.07 | 16.67 | 65.81 | 173.98 |
| Comm. and publ. services | 2.64 | 0.03 | 1.30 | 7.50 | - | - | 0.01 | 0.96 | 13.03 | 19.19 | 44.67 |
| Agriculture/forestry | 0.17 | 0.01 | 7.95 | 1.00 | - | - | - | 0.34 | 4.49 | 3.30 | 17.25 |
| Fishing | - | - | 0.49 | - | - | - | - | - | 0.03 | 0.01 | 0.53 |
| Non-specified | 0.24 | 0.07 | 3.38 | 19.90 | - | - | - | 0.15 | 0.83 | 4.91 | 29.47 |
| NON-ENERGY USE | 2.36 | 1.79 | 25.97 | 30.68 | - | - | - | - | - | - | 60.80 |
| in industry/transf./energy | 2.13 | 1.79 | 25.61 | 30.68 | - | - | - | - | - | - | 60.20 |
| of which: feedstocks | 0.08 | 1.69 | 15.03 | 29.04 | - | - | - | - | - | - | 45.84 |
| in transport | - | - | 0.12 | - | - | - | - | - | - | - | 0.13 |
| in other sectors | 0.23 | - | 0.24 | - | - | - | - | - | - | - | 0.47 |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|----------------|------------|---------------|----------------|---------------|---------------|------------|---------------|-----------|---------------|----------------|
| Electr. generated - GWh | 305781 | 144 | 45063 | 597374 | 257952 | 244809 | 640 | 2939 | - | 197 | 1454899 |
| Electricity plants | 73777 | 18 | 5233 | 49620 | 249301 | 244809 | 640 | 2 | - | - | 623400 |
| CHP plants | 232004 | 126 | 39830 | 547754 | 8651 | - | - | 2937 | - | 197 | 831499 |
| Heat generated - TJ | 1707621 | 12 | 478722 | 5233516 | 16543 | - | 35 | 154065 | 35 | 387001 | 7977550 |
| CHP plants | 1157987 | 12 | 144202 | 2250229 | 16543 | - | - | 38360 | - | 4799 | 3612132 |
| Heat plants | 549634 | - | 334520 | 2983287 | - | - | 35 | 115705 | 35 | 382202 | 4365418 |

Former Soviet Union / Ex-Union Soviétique

2007

Million tonnes of oil equivalent / Millions de tonnes d'équivalent pétrole

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|------------------|---------------|---------------------|---------------|--------------|--------------|------------------------|-------------------------|--------------|---------------|----------------|
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | 228.46 | 622.23 | - | 682.65 | 69.45 | 21.25 | 0.46 | 12.44 | - | 8.51 | 1645.46 |
| Imports | 24.06 | 46.19 | 17.93 | 83.01 | - | - | - | 0.06 | 4.55 | - | 175.80 |
| Exports | -71.58 | -359.84 | -127.80 | -217.65 | - | - | - | -0.60 | -6.27 | - | -783.74 |
| Intl. marine bunkers | - | - | -0.54 | - | - | - | - | - | - | - | -0.54 |
| Intl. aviation bunkers | - | - | -6.88 | - | - | - | - | - | - | - | -6.88 |
| Stock changes | -0.77 | -0.33 | -0.33 | -10.28 | - | - | - | 0.16 | - | - | -11.56 |
| TPES | 180.17 | 308.25 | -117.62 | 537.72 | 69.45 | 21.25 | 0.46 | 12.07 | -1.72 | 8.51 | 1018.54 |
| Transfers | - | -0.12 | 0.09 | - | - | - | - | - | - | - | -0.03 |
| Statistical differences | 2.21 | 0.06 | -0.46 | -1.03 | - | - | - | - | 0.01 | - | 0.79 |
| Electricity plants | -20.76 | -0.06 | -1.16 | -14.53 | -66.49 | -21.25 | -0.44 | - | 55.10 | -0.06 | -69.65 |
| CHP plants | -82.71 | -0.05 | -8.10 | -182.90 | -2.96 | - | - | -1.40 | 72.89 | 83.58 | -121.64 |
| Heat plants | -15.94 | -0.70 | -7.74 | -79.30 | - | - | - | -3.35 | - | 90.45 | -16.58 |
| Gas works | -0.27 | - | - | 0.12 | - | - | - | - | - | - | -0.15 |
| Petroleum refineries | - | -301.06 | 298.92 | - | - | - | - | - | - | - | -2.15 |
| Coal transformation | -18.77 | - | - | - | - | - | - | - | - | - | -18.78 |
| Liquefaction plants | -0.49 | 0.40 | - | -0.02 | - | - | - | - | - | - | -0.11 |
| Other transformation | - | -0.05 | -0.91 | -1.70 | - | - | - | -0.29 | - | - | -2.96 |
| Own use | -3.10 | -1.31 | -17.21 | -23.30 | - | - | - | -0.17 | -22.69 | -18.52 | -86.30 |
| Distribution losses | -0.99 | -3.57 | -0.05 | -9.35 | - | - | - | - | -14.04 | -15.75 | -43.75 |
| TFC | 39.35 | 1.81 | 145.75 | 225.70 | - | - | 0.02 | 6.85 | 89.54 | 148.21 | 657.23 |
| INDUSTRY SECTOR | 30.33 | 0.01 | 18.18 | 48.90 | - | - | - | 0.89 | 44.07 | 56.75 | 199.13 |
| Iron and steel | 21.08 | - | 1.57 | 18.46 | - | - | - | 0.12 | 9.20 | 7.99 | 58.42 |
| Chemical and petrochemical | 0.54 | - | 8.23 | 2.98 | - | - | - | 0.13 | 5.28 | 14.14 | 31.28 |
| Non-ferrous metals | 0.02 | - | 0.34 | 0.74 | - | - | - | - | 10.49 | 0.13 | 11.71 |
| Non-metallic minerals | 1.68 | - | 0.38 | 12.64 | - | - | - | 0.06 | 2.40 | 2.27 | 19.42 |
| Transport equipment | 0.04 | - | 0.14 | 0.55 | - | - | - | - | 1.61 | 2.19 | 4.52 |
| Machinery | 0.11 | - | 0.23 | 1.13 | - | - | - | 0.01 | 3.15 | 3.22 | 7.84 |
| Mining and quarrying | 0.47 | - | 2.69 | 1.32 | - | - | - | 0.01 | 3.18 | 1.50 | 9.17 |
| Food and tobacco | 0.15 | 0.01 | 0.65 | 1.15 | - | - | - | 0.04 | 2.36 | 5.71 | 10.06 |
| Paper pulp and printing | - | - | 0.16 | 0.30 | - | - | - | 0.04 | 1.78 | 4.36 | 6.64 |
| Wood and wood products | - | - | 0.14 | 0.25 | - | - | - | 0.33 | 0.55 | 1.29 | 2.56 |
| Construction | 0.06 | - | 1.91 | 1.03 | - | - | - | 0.02 | 1.32 | 1.04 | 5.38 |
| Textile and leather | - | - | 0.05 | 0.08 | - | - | - | - | 0.48 | 0.79 | 1.40 |
| Non-specified | 6.18 | - | 1.69 | 8.27 | - | - | - | 0.14 | 2.29 | 12.13 | 30.71 |
| TRANSPORT SECTOR | 0.05 | 0.01 | 75.05 | 39.84 | - | - | - | 0.06 | 8.98 | 0.10 | 124.10 |
| Domestic aviation | - | - | 6.14 | - | - | - | - | - | - | - | 6.14 |
| Road | - | - | 63.57 | 0.79 | - | - | - | 0.05 | - | - | 64.42 |
| Rail | 0.04 | - | 3.49 | - | - | - | - | - | 4.84 | - | 8.38 |
| Pipeline transport | - | 0.01 | 0.11 | 39.03 | - | - | - | - | 2.54 | - | 41.69 |
| Domestic navigation | - | - | 1.27 | - | - | - | - | - | - | - | 1.27 |
| Non-specified | 0.01 | - | 0.47 | 0.03 | - | - | - | - | 1.60 | 0.10 | 2.20 |
| OTHER SECTORS | 6.85 | 0.02 | 25.27 | 103.59 | - | - | 0.02 | 5.90 | 36.49 | 91.36 | 269.50 |
| Residential | 4.22 | - | 9.64 | 70.59 | - | - | 0.01 | 4.12 | 16.56 | 63.36 | 168.49 |
| Comm. and publ. services | 2.25 | - | 2.43 | 9.27 | - | - | 0.01 | 1.04 | 14.63 | 19.66 | 49.28 |
| Agriculture/forestry | 0.12 | 0.02 | 8.36 | 1.46 | - | - | - | 0.45 | 4.43 | 3.13 | 17.98 |
| Fishing | 0.01 | - | 0.77 | - | - | - | - | 0.02 | 0.03 | 0.04 | 0.86 |
| Non-specified | 0.26 | - | 4.07 | 22.27 | - | - | - | 0.28 | 0.85 | 5.16 | 32.89 |
| NON-ENERGY USE | 2.12 | 1.77 | 27.25 | 33.37 | - | - | - | - | - | - | 64.51 |
| in industry/transf./energy | 1.91 | 1.77 | 27.05 | 33.37 | - | - | - | - | - | - | 64.10 |
| of which: feedstocks | 0.08 | 1.67 | 15.65 | 31.73 | - | - | - | - | - | - | 49.12 |
| in transport | - | - | 0.08 | - | - | - | - | - | - | - | 0.08 |
| in other sectors | 0.21 | - | 0.12 | - | - | - | - | - | - | - | 0.33 |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|----------------|------------|---------------|----------------|---------------|---------------|------------|---------------|-----------|---------------|----------------|
| Electr. generated - GWh | 305281 | 161 | 34222 | 633266 | 264967 | 247102 | 791 | 2214 | - | 231 | 1488235 |
| Electricity plants | 78440 | 36 | 4414 | 54523 | 255134 | 247102 | 791 | 5 | - | - | 640445 |
| CHP plants | 226841 | 125 | 29808 | 578743 | 9833 | - | - | 2209 | - | 231 | 847790 |
| Heat generated - TJ | 1624965 | 109 | 418222 | 5083650 | 16673 | - | 33 | 144093 | 23 | 356495 | 7644263 |
| CHP plants | 1108902 | 109 | 100188 | 2246774 | 16673 | - | - | 27383 | - | 5506 | 3505535 |
| Heat plants | 516063 | - | 318034 | 2836876 | - | - | 33 | 116710 | 23 | 350989 | 4138728 |

Middle East / Moyen-Orient

Figure 1. Energy production

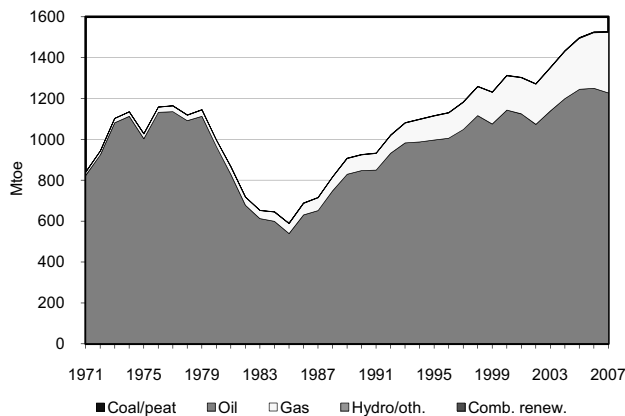


Figure 2. Total primary energy supply*

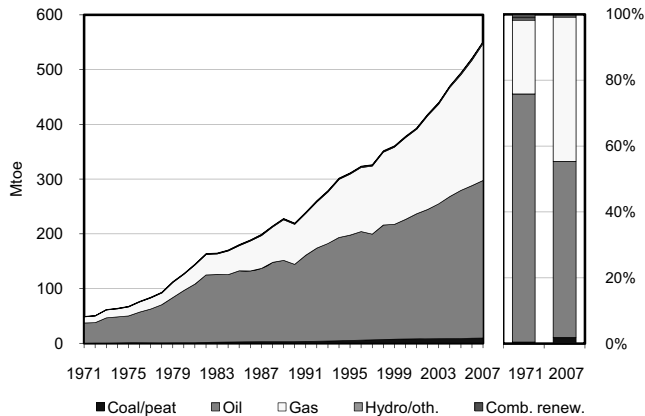


Figure 3. Energy self-sufficiency**

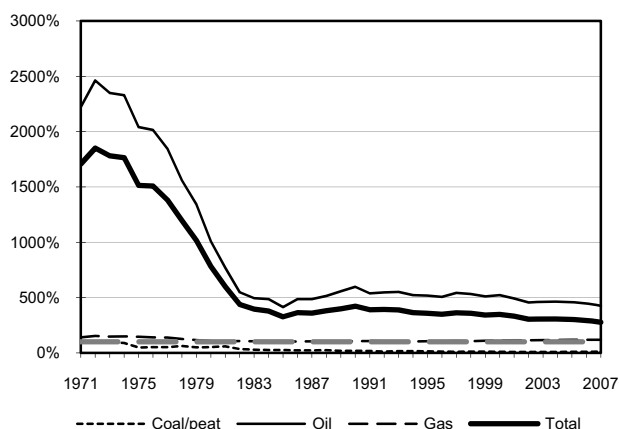


Figure 4. Oil products demand***

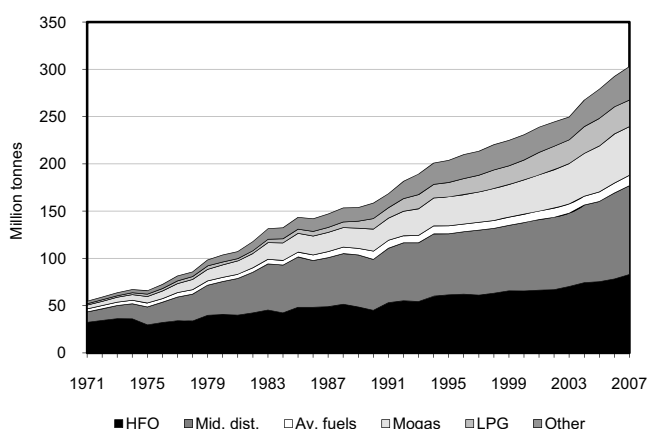


Figure 5. Electricity generation by fuel

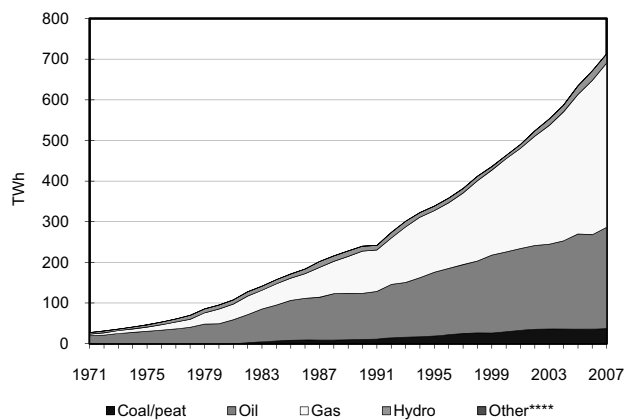
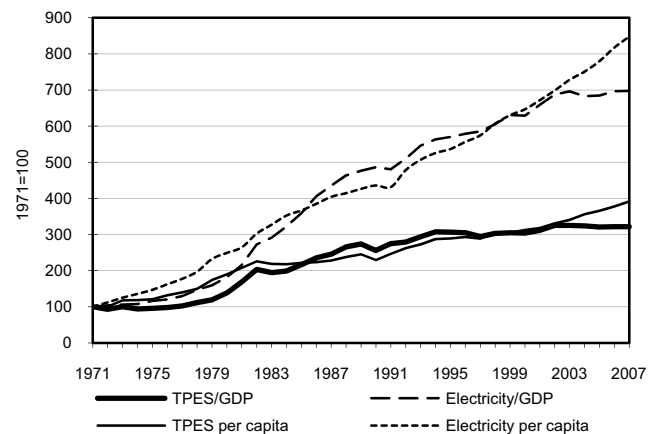


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Middle East / Moyen-Orient

2006

Million tonnes of oil equivalent / Millions de tonnes d'équivalent pétrole

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|---------------|--------------------|---------------|----------|-------------|----------------------|-------------------------|--------------|----------|---------------|
| Production | 1.05 | 1249.19 | - | 272.04 | - | 2.02 | 0.86 | 1.18 | - | - | 1526.33 |
| Imports | 8.44 | 20.12 | 51.79 | 8.26 | - | - | - | 0.03 | 0.45 | - | 89.09 |
| Exports | -0.04 | -858.53 | -155.15 | -51.36 | - | - | - | - | -0.40 | - | -1065.48 |
| Intl. marine bunkers | - | - | -16.52 | - | - | - | - | - | - | - | -16.52 |
| Intl. aviation bunkers | - | - | -11.08 | - | - | - | - | - | - | - | -11.08 |
| Stock changes | 0.15 | -2.18 | 1.07 | - | - | - | - | - | - | - | -0.96 |
| TPES | 9.60 | 408.60 | -129.88 | 228.93 | - | 2.02 | 0.86 | 1.20 | 0.05 | - | 521.38 |
| Electricity and CHP plants | -8.17 | -11.97 | -49.75 | -100.60 | - | -2.02 | -0.01 | - | 57.74 | - | -114.77 |
| Petroleum refineries | - | -332.98 | 323.54 | - | - | - | - | - | - | - | -9.44 |
| Other transformation* | -0.78 | -62.73 | 51.59 | -31.34 | - | - | - | -0.15 | -11.70 | - | -55.10 |
| TFC | 0.65 | 0.93 | 195.49 | 97.00 | - | - | 0.85 | 1.05 | 46.10 | - | 342.06 |
| INDUSTRY SECTOR | 0.64 | 0.93 | 33.67 | 37.65 | - | - | - | 0.22 | 8.92 | - | 82.02 |
| Iron and steel | 0.23 | - | - | 0.24 | - | - | - | - | 0.43 | - | 0.90 |
| Chemical and petrochemical | - | - | 2.56 | 21.10 | - | - | - | - | 0.19 | - | 23.84 |
| Non-metallic minerals | 0.13 | - | - | 0.14 | - | - | - | - | 0.10 | - | 0.37 |
| Other/non-specified | 0.28 | 0.93 | 31.11 | 16.17 | - | - | - | 0.22 | 8.20 | - | 56.91 |
| TRANSPORT SECTOR | - | - | 100.68 | 0.44 | - | - | - | - | 0.01 | - | 101.14 |
| Domestic aviation | - | - | 0.82 | - | - | - | - | - | - | - | 0.82 |
| Road | - | - | 99.85 | 0.44 | - | - | - | - | - | - | 100.29 |
| Other/non-specified | - | - | 0.01 | - | - | - | - | - | 0.01 | - | 0.03 |
| OTHER SECTORS | 0.01 | - | 30.16 | 35.68 | - | - | 0.85 | 0.83 | 37.17 | - | 104.70 |
| Residential | 0.01 | - | 18.73 | 31.21 | - | - | 0.84 | 0.01 | 19.64 | - | 70.44 |
| Comm. and publ. services | - | - | 4.01 | 4.18 | - | - | - | - | 10.89 | - | 19.08 |
| Agriculture/forestry | - | - | 4.68 | 0.05 | - | - | - | - | 2.08 | - | 6.81 |
| Other/non-specified | - | - | 2.75 | 0.25 | - | - | - | 0.82 | 4.55 | - | 8.37 |
| NON-ENERGY USE | - | - | 30.98 | 23.22 | - | - | - | - | - | - | 54.20 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 35835 | - | 232498 | 379460 | - | 23507 | 130 | 6 | - | - | 671436 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|---------------|---------------------|---------------|-----------|-------------|------------------------|----------------------|--------------|----------|---------------|
| Production | 1.11 | 1226.38 | - | 295.90 | - | 1.95 | 0.88 | 1.19 | - | - | 1527.40 |
| Imports | 8.83 | 27.39 | 56.77 | 12.73 | - | - | - | 0.03 | 0.38 | - | 106.12 |
| Exports | -0.01 | -847.23 | -145.01 | -58.71 | - | - | - | - | -0.41 | - | -1051.38 |
| Intl. marine bunkers | - | - | -18.24 | - | - | - | - | - | - | - | -18.24 |
| Intl. aviation bunkers | - | - | -11.65 | - | - | - | - | - | - | - | -11.65 |
| Stock changes | -0.12 | -0.43 | -0.06 | - | - | - | - | - | - | - | -0.62 |
| TPES | 9.80 | 406.11 | -118.20 | 249.91 | - | 1.95 | 0.88 | 1.22 | -0.04 | - | 551.63 |
| Electricity and CHP plants | -8.60 | -13.30 | -51.34 | -105.81 | - | -1.95 | -0.01 | - | 61.37 | - | -119.64 |
| Petroleum refineries | - | -330.28 | 320.23 | - | - | - | - | - | - | - | -10.05 |
| Other transformation* | -0.48 | -60.89 | 49.38 | -32.95 | - | - | - | -0.15 | -12.07 | - | -57.15 |
| TFC | 0.71 | 1.64 | 200.08 | 111.15 | - | - | 0.87 | 1.06 | 49.27 | - | 364.78 |
| INDUSTRY SECTOR | 0.70 | 1.64 | 35.80 | 44.03 | - | - | - | 0.22 | 9.50 | - | 91.89 |
| Iron and steel | 0.22 | - | - | 0.27 | - | - | - | - | 0.82 | - | 1.31 |
| Chemical and petrochemical | - | - | 2.53 | 27.09 | - | - | - | - | 0.77 | - | 30.39 |
| Non-metallic minerals | 0.13 | - | - | 0.16 | - | - | - | - | 0.15 | - | 0.45 |
| Other/non-specified | 0.35 | 1.64 | 33.27 | 16.51 | - | - | - | 0.22 | 7.76 | - | 59.74 |
| TRANSPORT SECTOR | - | - | 102.87 | 0.88 | - | - | - | - | 0.01 | - | 103.76 |
| Domestic aviation | - | - | 0.76 | - | - | - | - | - | - | - | 0.76 |
| Road | - | - | 102.10 | 0.88 | - | - | - | - | - | - | 102.98 |
| Other/non-specified | - | - | 0.01 | - | - | - | - | - | 0.01 | - | 0.02 |
| OTHER SECTORS | 0.01 | - | 30.92 | 39.29 | - | - | 0.87 | 0.84 | 39.76 | - | 111.68 |
| Residential | 0.01 | - | 18.90 | 34.21 | - | - | 0.86 | 0.01 | 20.88 | - | 74.87 |
| Comm. and publ. services | - | - | 4.14 | 4.58 | - | - | 0.01 | - | 11.70 | - | 20.43 |
| Agriculture/forestry | - | - | 4.76 | 0.15 | - | - | - | - | 2.10 | - | 7.00 |
| Other/non-specified | - | - | 3.13 | 0.34 | - | - | - | 0.83 | 5.08 | - | 9.38 |
| NON-ENERGY USE | - | - | 30.49 | 26.95 | - | - | - | - | - | - | 57.45 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 37402 | - | 249053 | 404277 | - | 22673 | 147 | 10 | - | - | 713562 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

**GRAPHS AND
ENERGY BALANCE SHEETS**

**GRAPHIQUES ET
BILANS ENERGETIQUES**

2006-2007

COUNTRIES

PAYS

Albania / Albanie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|------------|--------------------|-----------|----------|------------|----------------------|-------------------------|-------------|----------|-------------|
| Production | 22 | 500 | - | 14 | - | 430 | 2 | 230 | - | - | 1198 |
| Imports | 3 | - | 1014 | - | - | - | - | - | 53 | - | 1070 |
| Exports | - | - | -40 | - | - | - | - | - | - | - | -40 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -85 | - | - | - | - | - | - | - | -85 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 25 | 500 | 889 | 14 | - | 430 | 2 | 230 | 53 | - | 2142 |
| Electricity and CHP plants | - | - | -44 | - | - | -430 | - | - | 438 | 2 | -34 |
| Petroleum refineries | - | -500 | 480 | - | - | - | - | - | - | - | -19 |
| Other transformation* | -6 | - | -10 | -14 | - | - | -2 | -3 | -255 | -1 | -292 |
| TFC | 18 | - | 1315 | - | - | - | - | 227 | 236 | 1 | 1797 |
| INDUSTRY SECTOR | 14 | - | 187 | - | - | - | - | 10 | 62 | - | 273 |
| Iron and steel | - | - | 22 | - | - | - | - | - | 7 | - | 29 |
| Chemical and petrochemical | - | - | 34 | - | - | - | - | - | 3 | - | 37 |
| Non-metallic minerals | - | - | 5 | - | - | - | - | - | 4 | - | 9 |
| Other/non-specified | 14 | - | 126 | - | - | - | - | 10 | 48 | - | 198 |
| TRANSPORT SECTOR | - | - | 632 | - | - | - | - | - | - | - | 632 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 569 | - | - | - | - | - | - | - | 569 |
| Other/non-specified | - | - | 63 | - | - | - | - | - | - | - | 63 |
| OTHER SECTORS | 4 | - | 337 | - | - | - | - | 217 | 174 | 1 | 733 |
| Residential | 4 | - | 69 | - | - | - | - | 207 | 170 | 1 | 451 |
| Comm. and publ. services | - | - | 68 | - | - | - | - | 7 | 2 | - | 77 |
| Agriculture/forestry | - | - | 138 | - | - | - | - | 3 | - | - | 141 |
| Other/non-specified | - | - | 62 | - | - | - | - | - | 2 | - | 64 |
| NON-ENERGY USE | - | - | 159 | - | - | - | - | - | - | - | 159 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 93 | - | - | 5001 | - | - | - | - | 5094 |
| Heat generated - TJ | 50 | - | 92 | - | - | - | 84 | - | - | - | 226 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----------|-----------|------------|------------------------|----------------------|-------------|----------|-------------|
| Production | 22 | 564 | - | 14 | - | 240 | 2 | 215 | - | - | 1057 |
| Imports | 3 | - | 1059 | - | - | - | - | - | 243 | - | 1305 |
| Exports | - | - | -45 | - | - | - | - | - | - | - | -45 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -103 | - | - | - | - | - | - | - | -103 |
| Stock changes | - | - | -41 | - | - | - | - | - | - | - | -41 |
| TPES | 25 | 564 | 870 | 14 | - | 240 | 2 | 215 | 243 | - | 2173 |
| Electricity and CHP plants | - | - | -31 | - | - | -240 | - | - | 246 | 2 | -22 |
| Petroleum refineries | - | -564 | 516 | - | - | - | - | - | - | - | -48 |
| Other transformation* | -6 | - | -43 | -13 | - | - | -2 | - | -179 | - | -243 |
| TFC | 18 | - | 1313 | 2 | - | - | - | 215 | 310 | 2 | 1860 |
| INDUSTRY SECTOR | 12 | - | 159 | - | - | - | - | 9 | 56 | - | 236 |
| Iron and steel | - | - | 16 | - | - | - | - | - | 8 | - | 24 |
| Chemical and petrochemical | - | - | 27 | - | - | - | - | - | 4 | - | 30 |
| Non-metallic minerals | - | - | 4 | - | - | - | - | - | 3 | - | 7 |
| Other/non-specified | 12 | - | 112 | - | - | - | - | 9 | 41 | - | 175 |
| TRANSPORT SECTOR | - | - | 692 | - | - | - | - | - | - | - | 692 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 620 | - | - | - | - | - | - | - | 620 |
| Other/non-specified | - | - | 72 | - | - | - | - | - | - | - | 72 |
| OTHER SECTORS | 6 | - | 285 | 2 | - | - | - | 206 | 254 | 2 | 756 |
| Residential | 6 | - | 79 | 2 | - | - | - | 190 | 178 | 2 | 458 |
| Comm. and publ. services | - | - | 30 | - | - | - | - | 12 | 38 | - | 80 |
| Agriculture/forestry | - | - | 127 | - | - | - | - | 4 | - | - | 131 |
| Other/non-specified | - | - | 49 | - | - | - | - | - | 38 | - | 87 |
| NON-ENERGY USE | - | - | 177 | - | - | - | - | - | - | - | 177 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 72 | - | - | 2788 | - | - | - | - | 2860 |
| Heat generated - TJ | 50 | - | 92 | - | - | - | 84 | - | - | - | 226 |

* Includes transfers, statistical differences, own use and distribution losses.

Algeria / Algérie

Figure 1. Energy production

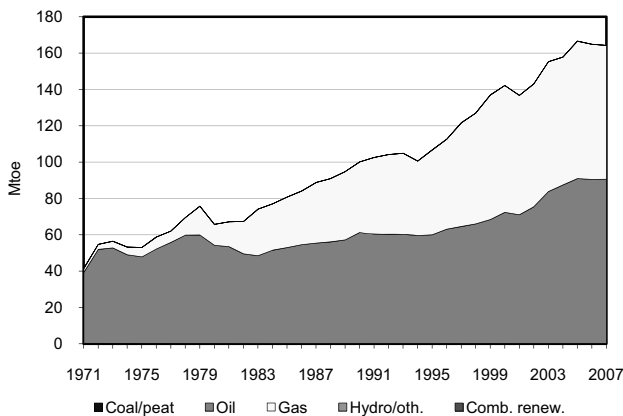


Figure 2. Total primary energy supply*

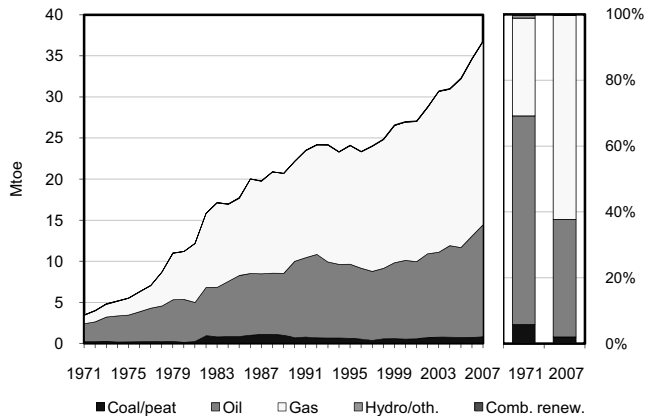


Figure 3. Energy self-sufficiency**

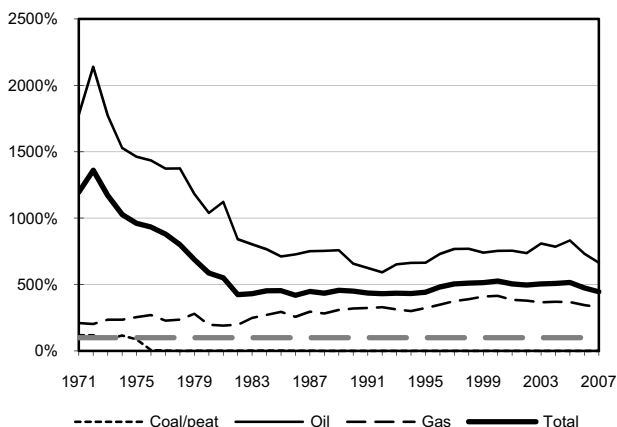


Figure 4. Oil products demand***

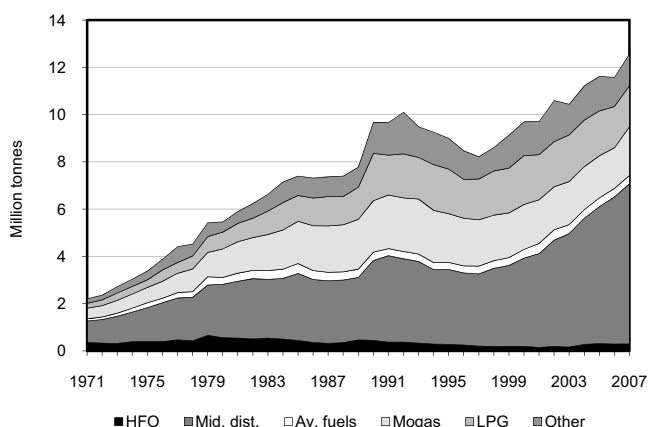


Figure 5. Electricity generation by fuel

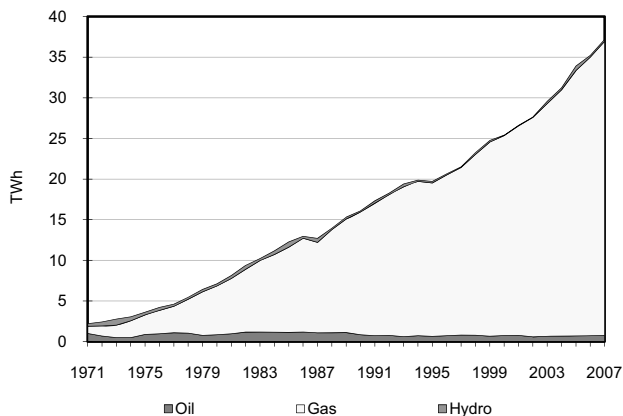
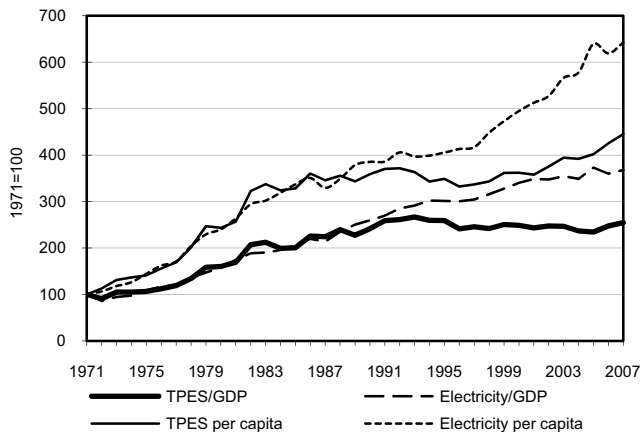


Figure 6. Selected indicators****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** GDP in 2000 US dollars.

Algeria / Algérie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | - | 90493 | - | 74364 | - | 19 | - | 68 | - | - | 164944 |
| Imports | 717 | 335 | 417 | - | - | - | - | - | 33 | - | 1502 |
| Exports | - | -60363 | -17901 | -52821 | - | - | - | - | -26 | - | -131111 |
| Intl. marine bunkers | - | - | -335 | - | - | - | - | - | - | - | -335 |
| Intl. aviation bunkers | - | - | -385 | - | - | - | - | - | - | - | -385 |
| Stock changes | -4 | 25 | 80 | - | - | - | - | - | - | - | 101 |
| TPES | 713 | 30490 | -18124 | 21543 | - | 19 | - | 68 | 7 | - | 34717 |
| Transfers | - | -9530 | 10046 | - | - | - | - | - | - | - | 517 |
| Statistical differences | - | -726 | 5 | -4 | - | - | - | - | 39 | - | -686 |
| Electricity plants | - | - | -234 | -9058 | - | -19 | - | - | 3029 | - | -6281 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -19582 | 18930 | - | - | - | - | - | - | - | -652 |
| Coal transformation | -433 | - | - | - | - | - | - | - | - | - | -433 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | - | -469 | - | -4283 | - | - | - | - | -259 | - | -5012 |
| Distribution losses | -117 | -183 | - | -177 | - | - | - | - | -541 | - | -1018 |
| TFC | 163 | - | 10624 | 8021 | - | - | - | 68 | 2275 | - | 21152 |
| INDUSTRY SECTOR | 163 | - | 1017 | 1937 | - | - | - | - | 799 | - | 3916 |
| Iron and steel | 163 | - | 137 | 290 | - | - | - | - | 75 | - | 664 |
| Chemical and petrochemical | - | - | 28 | 27 | - | - | - | - | 60 | - | 115 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | - | - | - | - | - | - | - | - | - | - | - |
| Paper pulp and printing | - | - | - | - | - | - | - | - | - | - | - |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | 113 | 1454 | - | - | - | - | 204 | - | 1771 |
| Textile and leather | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 739 | 166 | - | - | - | - | 461 | - | 1366 |
| TRANSPORT SECTOR | - | - | 5074 | 1367 | - | - | - | - | 48 | - | 6489 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 5074 | - | - | - | - | - | - | - | 5074 |
| Rail | - | - | - | - | - | - | - | - | 38 | - | 38 |
| Pipeline transport | - | - | - | 1367 | - | - | - | - | 10 | - | 1377 |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 3872 | 3451 | - | - | - | 68 | 1428 | - | 8819 |
| Residential | - | - | 3872 | 3451 | - | - | - | 68 | 1428 | - | 8819 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 662 | 1266 | - | - | - | - | - | - | 1928 |
| in industry/transf./energy | - | - | 662 | 1266 | - | - | - | - | - | - | 1928 |
| <i>of which: feedstocks</i> | - | - | 84 | 1266 | - | - | - | - | - | - | 1350 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | - | - | 750 | 34258 | - | 218 | - | - | - | - | 35226 |
| <i>Electricity plants</i> | - | - | 750 | 34258 | - | 218 | - | - | - | - | 35226 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Algeria / Algérie

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | - | 90609 | - | 73596 | - | 19 | - | 76 | - | - | 164300 |
| Imports | 748 | 363 | 554 | - | - | - | - | - | 24 | - | 1690 |
| Exports | - | -59118 | -18738 | -51279 | - | - | - | - | -23 | - | -129158 |
| Intl. marine bunkers | - | - | -341 | - | - | - | - | - | - | - | -341 |
| Intl. aviation bunkers | - | - | -377 | - | - | - | - | - | - | - | -377 |
| Stock changes | 69 | 273 | 407 | - | - | - | - | - | - | - | 750 |
| TPES | 818 | 32128 | -18494 | 22316 | - | 19 | - | 76 | 1 | - | 36863 |
| Transfers | - | -9946 | 10486 | - | - | - | - | - | - | - | 541 |
| Statistical differences | - | -1179 | -56 | 32 | - | - | - | - | 63 | - | -1140 |
| Electricity plants | - | - | -236 | -9194 | - | -19 | - | - | 3199 | - | -6250 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -20451 | 20039 | - | - | - | - | - | - | - | -412 |
| Coal transformation | -483 | - | - | - | - | - | - | - | - | - | -483 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | - | -405 | - | -4095 | - | - | - | - | -283 | - | -4784 |
| Distribution losses | -138 | -147 | - | -469 | - | - | - | - | -572 | - | -1325 |
| TFC | 197 | - | 11740 | 8590 | - | - | - | 76 | 2407 | - | 23009 |
| INDUSTRY SECTOR | 197 | - | 1139 | 2125 | - | - | - | - | 838 | - | 4299 |
| Iron and steel | 197 | - | 152 | 294 | - | - | - | - | 72 | - | 714 |
| Chemical and petrochemical | - | - | 31 | 25 | - | - | - | - | 61 | - | 117 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | - | - | - | - | - | - | - | - | - | - | - |
| Paper pulp and printing | - | - | - | - | - | - | - | - | - | - | - |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | 125 | 1586 | - | - | - | - | 223 | - | 1934 |
| Textile and leather | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 831 | 220 | - | - | - | - | 483 | - | 1534 |
| TRANSPORT SECTOR | - | - | 5764 | 1158 | - | - | - | - | 45 | - | 6968 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 5764 | - | - | - | - | - | - | - | 5764 |
| Rail | - | - | - | - | - | - | - | - | 35 | - | 35 |
| Pipeline transport | - | - | - | 1158 | - | - | - | - | 11 | - | 1169 |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 3992 | 4059 | - | - | - | 76 | 1524 | - | 9650 |
| Residential | - | - | 3992 | 4059 | - | - | - | 76 | 1524 | - | 9650 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 844 | 1248 | - | - | - | - | - | - | 2092 |
| in industry/transf./energy | - | - | 844 | 1248 | - | - | - | - | - | - | 2092 |
| <i>of which: feedstocks</i> | - | - | 84 | 1248 | - | - | - | - | - | - | 1332 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | - | - | 794 | 36176 | - | 226 | - | - | - | - | 37196 |
| <i>Electricity plants</i> | - | - | 794 | 36176 | - | 226 | - | - | - | - | 37196 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Angola

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|------------|---------|------------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | 72598 | - | 653 | - | 229 | - | 6559 | - | - | 80039 |
| Imports | - | - | 1426 | - | - | - | - | - | - | - | 1426 |
| Exports | - | -69360 | -1421 | - | - | - | - | - | - | - | -70781 |
| Intl. marine bunkers | - | - | -16 | - | - | - | - | - | - | - | -16 |
| Intl. aviation bunkers | - | - | -82 | - | - | - | - | - | - | - | -82 |
| Stock changes | - | -763 | 14 | - | - | - | - | - | - | - | -749 |
| TPES | - | 2475 | -79 | 653 | - | 229 | - | 6559 | - | - | 9838 |
| Electricity and CHP plants | - | - | -93 | - | - | -229 | - | - | 254 | - | -67 |
| Petroleum refineries | - | -1851 | 1849 | - | - | - | - | - | - | - | -2 |
| Other transformation* | - | -624 | 576 | - | - | - | - | -1707 | -51 | - | -1805 |
| TFC | - | - | 2254 | 653 | - | - | - | 4852 | 204 | - | 7963 |
| INDUSTRY SECTOR | - | - | 296 | 653 | - | - | - | 116 | 64 | - | 1129 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 296 | 653 | - | - | - | 116 | 64 | - | 1129 |
| TRANSPORT SECTOR | - | - | 1210 | - | - | - | - | - | - | - | 1210 |
| Domestic aviation | - | - | 219 | - | - | - | - | - | - | - | 219 |
| Road | - | - | 802 | - | - | - | - | - | - | - | 802 |
| Other/non-specified | - | - | 189 | - | - | - | - | - | - | - | 189 |
| OTHER SECTORS | - | - | 611 | - | - | - | - | 4736 | 140 | - | 5487 |
| Residential | - | - | 235 | - | - | - | - | 4736 | 140 | - | 5111 |
| Comm. and publ. services | - | - | 369 | - | - | - | - | - | - | - | 369 |
| Agriculture/forestry | - | - | 4 | - | - | - | - | - | - | - | 4 |
| Other/non-specified | - | - | 3 | - | - | - | - | - | - | - | 3 |
| NON-ENERGY USE | - | - | 138 | - | - | - | - | - | - | - | 138 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 294 | - | - | 2665 | - | - | - | - | 2959 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|------------|-----------|------------|------------------------|----------------------|-------------|---------|--------------|
| Production | - | 87374 | - | 572 | - | 275 | - | 6742 | - | - | 94962 |
| Imports | - | - | 1877 | - | - | - | - | - | - | - | 1877 |
| Exports | - | -84684 | -1340 | - | - | - | - | - | - | - | -86024 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -118 | - | - | - | - | - | - | - | -118 |
| Stock changes | - | -79 | 12 | - | - | - | - | - | - | - | -67 |
| TPES | - | 2611 | 431 | 572 | - | 275 | - | 6742 | - | - | 10630 |
| Electricity and CHP plants | - | - | -185 | - | - | -275 | - | - | 326 | - | -135 |
| Petroleum refineries | - | -1928 | 1927 | - | - | - | - | - | - | - | -1 |
| Other transformation* | - | -683 | 714 | - | - | - | - | -1755 | -64 | - | -1789 |
| TFC | - | - | 2886 | 572 | - | - | - | 4987 | 261 | - | 8706 |
| INDUSTRY SECTOR | - | - | 443 | 572 | - | - | - | 119 | 82 | - | 1216 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 443 | 572 | - | - | - | 119 | 82 | - | 1216 |
| TRANSPORT SECTOR | - | - | 1426 | - | - | - | - | - | - | - | 1426 |
| Domestic aviation | - | - | 221 | - | - | - | - | - | - | - | 221 |
| Road | - | - | 1189 | - | - | - | - | - | - | - | 1189 |
| Other/non-specified | - | - | 16 | - | - | - | - | - | - | - | 16 |
| OTHER SECTORS | - | - | 906 | - | - | - | - | 4868 | 179 | - | 5954 |
| Residential | - | - | 323 | - | - | - | - | 4868 | 179 | - | 5370 |
| Comm. and publ. services | - | - | 573 | - | - | - | - | - | - | - | 573 |
| Agriculture/forestry | - | - | 6 | - | - | - | - | - | - | - | 6 |
| Other/non-specified | - | - | 4 | - | - | - | - | - | - | - | 4 |
| NON-ENERGY USE | - | - | 111 | - | - | - | - | - | - | - | 111 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 588 | - | - | 3201 | - | - | - | - | 3789 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Argentina / Argentine

Figure 1. Energy production

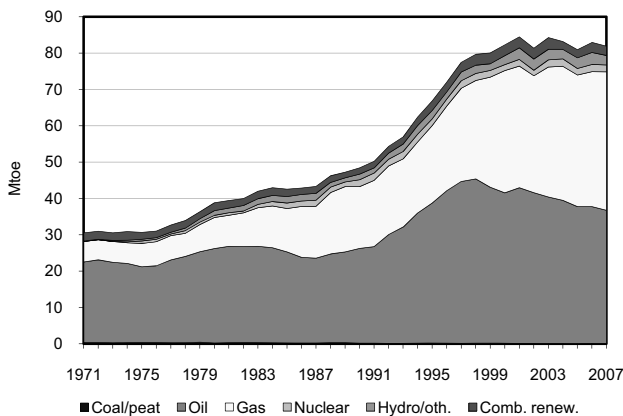


Figure 2. Total primary energy supply*

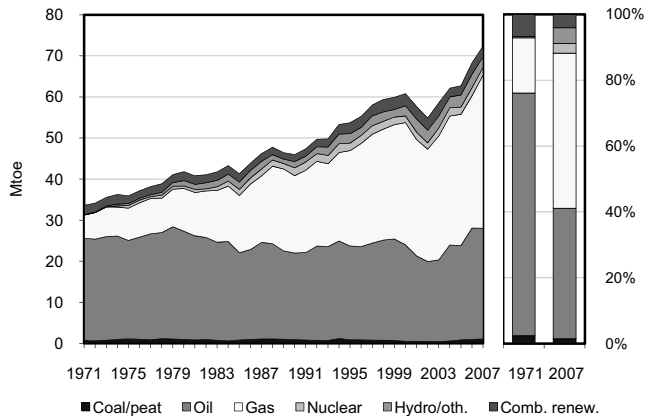


Figure 3. Energy self-sufficiency**

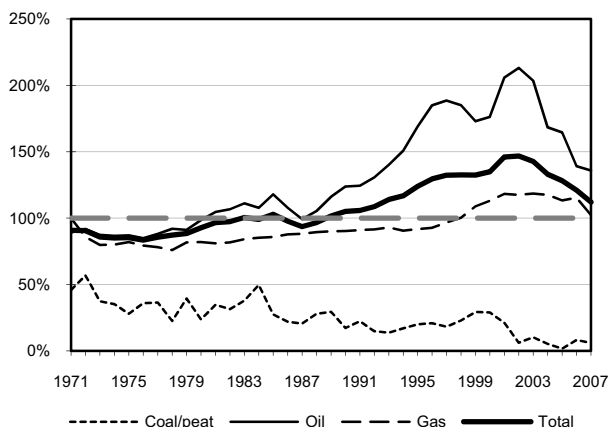


Figure 4. Oil products demand***

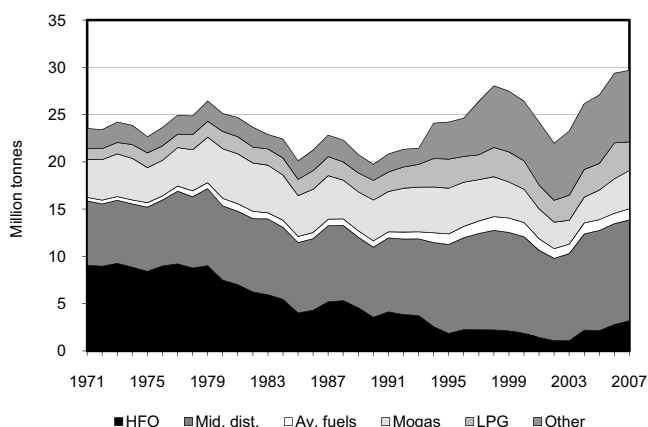


Figure 5. Electricity generation by fuel

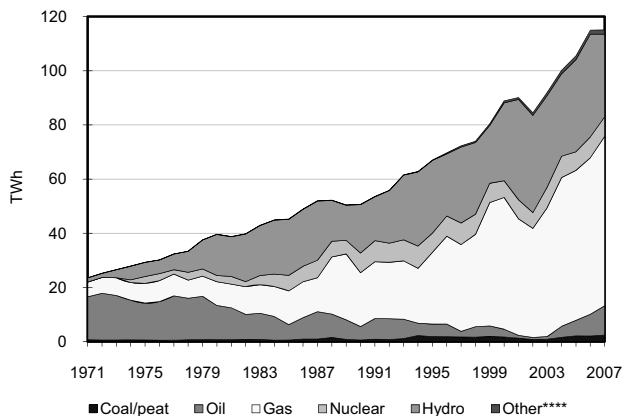
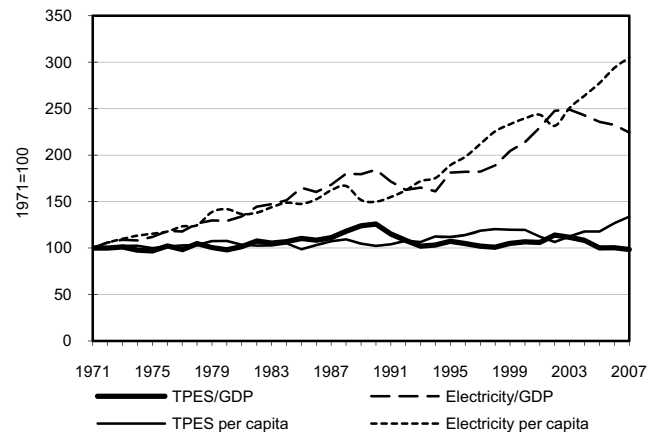


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Argentina / Argentine

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 83 | 37668 | - | 37149 | 2004 | 3264 | 6 | 2768 | - | - | 82943 |
| Imports | 1048 | 522 | 1398 | 1356 | - | - | - | - | 638 | - | 4961 |
| Exports | -108 | -4495 | -6373 | -6308 | - | - | - | - | -435 | - | -17719 |
| Intl. marine bunkers | - | - | -738 | - | - | - | - | - | - | - | -738 |
| Intl. aviation bunkers | - | - | -696 | - | - | - | - | - | - | - | -696 |
| Stock changes | -5 | -133 | -87 | - | - | - | - | - | - | - | -225 |
| TPES | 1018 | 33562 | -6496 | 32197 | 2004 | 3264 | 6 | 2768 | 203 | - | 68527 |
| Transfers | - | -3818 | 4198 | - | - | - | - | - | - | - | 380 |
| Statistical differences | -67 | 202 | 497 | 2300 | - | - | - | 1 | 98 | - | 3031 |
| Electricity plants | -530 | - | -1946 | -11355 | -2004 | -3264 | -6 | -455 | 9889 | - | -9670 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -29934 | 29841 | - | - | - | - | - | - | - | -93 |
| Coal transformation | 264 | - | -763 | - | - | - | - | - | - | - | -499 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | -276 | - | - | -276 |
| Own use | -1 | -12 | -870 | -3825 | - | - | - | - | -399 | - | -5108 |
| Distribution losses | - | - | - | -135 | - | - | - | - | -1495 | - | -1630 |
| TFC | 684 | - | 24462 | 19181 | - | - | - | 2038 | 8296 | - | 54661 |
| INDUSTRY SECTOR | 684 | - | 4585 | 6768 | - | - | - | 1513 | 3954 | - | 17504 |
| Iron and steel | 512 | - | - | 1803 | - | - | - | - | - | - | 2315 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-ferrous metals | - | - | - | 451 | - | - | - | - | - | - | 451 |
| Non-metallic minerals | - | - | - | 1179 | - | - | - | - | - | - | 1179 |
| Transport equipment | - | - | - | 48 | - | - | - | - | - | - | 48 |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | - | - | - | 917 | - | - | - | - | - | - | 917 |
| Paper pulp and printing | - | - | - | 318 | - | - | - | - | - | - | 318 |
| Wood and wood products | - | - | - | 25 | - | - | - | - | - | - | 25 |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | - | - | - | 119 | - | - | - | - | - | - | 119 |
| Non-specified | 172 | - | 4585 | 1908 | - | - | - | 1513 | 3954 | - | 12132 |
| TRANSPORT SECTOR | - | - | 11470 | 3457 | - | - | - | - | 54 | - | 14981 |
| Domestic aviation | - | - | 434 | - | - | - | - | - | - | - | 434 |
| Road | - | - | 10842 | 2546 | - | - | - | - | - | - | 13388 |
| Rail | - | - | - | - | - | - | - | - | 54 | - | 54 |
| Pipeline transport | - | - | - | 911 | - | - | - | - | - | - | 911 |
| Domestic navigation | - | - | 194 | - | - | - | - | - | - | - | 194 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 5093 | 7115 | - | - | - | 525 | 4288 | - | 17021 |
| Residential | - | - | 1616 | 6193 | - | - | - | 327 | 2243 | - | 10380 |
| Comm. and publ. services | - | - | 337 | 922 | - | - | - | 176 | 1902 | - | 3337 |
| Agriculture/forestry | - | - | 3140 | - | - | - | - | 23 | 73 | - | 3235 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | 69 | - | 69 |
| NON-ENERGY USE | - | - | 3315 | 1840 | - | - | - | - | - | - | 5155 |
| in industry/transf./energy | - | - | 3315 | 1840 | - | - | - | - | - | - | 5155 |
| <i>of which: feedstocks</i> | - | - | 2082 | 1840 | - | - | - | - | - | - | 3922 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 2098 | - | 8039 | 57755 | 7691 | 37950 | 70 | 1387 | - | - | 114990 |
| <i>Electricity plants</i> | 2098 | - | 8039 | 57755 | 7691 | 37950 | 70 | 1387 | - | - | 114990 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Argentina / Argentine

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 65 | 36681 | - | 38115 | 1881 | 2624 | 5 | 2539 | - | - | 81911 |
| Imports | 989 | 40 | 960 | 1424 | - | - | - | - | 884 | - | 4297 |
| Exports | -51 | -2922 | -6316 | -2251 | - | - | - | - | -226 | - | -11766 |
| Intl. marine bunkers | - | - | -892 | - | - | - | - | - | - | - | -892 |
| Intl. aviation bunkers | - | - | -759 | - | - | - | - | - | - | - | -759 |
| Stock changes | 75 | 173 | 26 | - | - | - | - | - | - | - | 274 |
| TPES | 1079 | 33972 | -6982 | 37289 | 1881 | 2624 | 5 | 2539 | 658 | - | 73065 |
| Transfers | - | -3736 | 4112 | - | - | - | - | - | - | - | 376 |
| Statistical differences | -61 | 1685 | -926 | -1699 | - | - | - | - | -185 | - | -1186 |
| Electricity plants | -607 | - | -2666 | -12510 | -1881 | -2624 | -5 | -473 | 9897 | - | -10870 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -31909 | 31888 | - | - | - | - | - | - | - | -21 |
| Coal transformation | 256 | - | -743 | - | - | - | - | - | - | - | -487 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | -186 | - | - | -186 |
| Own use | -1 | -12 | -866 | -3075 | - | - | - | - | -352 | - | -4306 |
| Distribution losses | - | - | - | -139 | - | - | - | - | -1544 | - | -1683 |
| TFC | 666 | - | 23817 | 19864 | - | - | - | 1880 | 8475 | - | 54702 |
| INDUSTRY SECTOR | 666 | - | 4680 | 6832 | - | - | - | 1425 | 3882 | - | 17484 |
| Iron and steel | 498 | - | - | 1665 | - | - | - | - | - | - | 2164 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-ferrous metals | - | - | - | 389 | - | - | - | - | - | - | 389 |
| Non-metallic minerals | - | - | - | 1205 | - | - | - | - | - | - | 1205 |
| Transport equipment | - | - | - | 49 | - | - | - | - | - | - | 49 |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | - | - | - | 874 | - | - | - | - | - | - | 874 |
| Paper pulp and printing | - | - | - | 288 | - | - | - | - | - | - | 288 |
| Wood and wood products | - | - | - | 24 | - | - | - | - | - | - | 24 |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | - | - | - | 116 | - | - | - | - | - | - | 116 |
| Non-specified | 167 | - | 4680 | 2222 | - | - | - | 1425 | 3882 | - | 12375 |
| TRANSPORT SECTOR | - | - | 11729 | 2834 | - | - | - | - | 53 | - | 14615 |
| Domestic aviation | - | - | 472 | - | - | - | - | - | - | - | 472 |
| Road | - | - | 11141 | 2391 | - | - | - | - | - | - | 13532 |
| Rail | - | - | - | - | - | - | - | - | 53 | - | 53 |
| Pipeline transport | - | - | - | 442 | - | - | - | - | - | - | 442 |
| Domestic navigation | - | - | 116 | - | - | - | - | - | - | - | 116 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 4017 | 8569 | - | - | - | 455 | 4540 | - | 17582 |
| Residential | - | - | 929 | 7531 | - | - | - | 293 | 2455 | - | 11209 |
| Comm. and publ. services | - | - | 251 | 1039 | - | - | - | 140 | 1936 | - | 3366 |
| Agriculture/forestry | - | - | 2837 | - | - | - | - | 22 | 73 | - | 2932 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | 75 | - | 75 |
| NON-ENERGY USE | - | - | 3392 | 1629 | - | - | - | - | - | - | 5021 |
| in industry/transf./energy | - | - | 3392 | 1629 | - | - | - | - | - | - | 5021 |
| <i>of which: feedstocks</i> | - | - | 2159 | 1629 | - | - | - | - | - | - | 3788 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|-------------|----------|--------------|--------------|-------------|--------------|-----------|-------------|----------|----------|---------------|
| Electr. generated - GWh | 2494 | - | 10790 | 62528 | 7217 | 30514 | 61 | 1477 | - | - | 115081 |
| <i>Electricity plants</i> | 2494 | - | 10790 | 62528 | 7217 | 30514 | 61 | 1477 | - | - | 115081 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Armenia / Arménie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|-------------|------------|------------|----------------------|-------------------------|-------------|-----------|-------------|
| Production | - | - | - | - | 688 | 157 | - | 1 | - | - | 846 |
| Imports | - | - | 394 | 1390 | - | - | - | - | 30 | - | 1815 |
| Exports | - | - | - | -18 | - | - | - | - | -57 | - | -75 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -40 | - | - | - | - | - | - | - | -40 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | - | 354 | 1372 | 688 | 157 | - | 1 | -27 | - | 2546 |
| Electricity and CHP plants | - | - | - | -378 | -688 | -157 | - | - | 511 | 42 | -670 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | -7 | - | - | - | - | -95 | -7 | -108 |
| TFC | - | - | 354 | 988 | - | - | - | 1 | 389 | 35 | 1768 |
| INDUSTRY SECTOR | - | - | - | 612 | - | - | - | - | 89 | 19 | 720 |
| Iron and steel | - | - | - | - | - | - | - | - | 3 | - | 3 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 18 | - | 18 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | 18 | - | 18 |
| Other/non-specified | - | - | - | 612 | - | - | - | - | 50 | 19 | 681 |
| TRANSPORT SECTOR | - | - | 181 | - | - | - | - | - | 10 | - | 191 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 181 | - | - | - | - | - | - | - | 181 |
| Other/non-specified | - | - | - | - | - | - | - | - | 10 | - | 10 |
| OTHER SECTORS | - | - | 131 | 376 | - | - | - | 1 | 290 | 16 | 816 |
| Residential | - | - | - | - | - | - | - | - | 147 | 16 | 164 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 65 | - | 65 |
| Agriculture/forestry | - | - | - | 37 | - | - | - | - | 20 | - | 56 |
| Other/non-specified | - | - | 131 | 339 | - | - | - | 1 | 59 | - | 531 |
| NON-ENERGY USE | - | - | 42 | - | - | - | - | - | - | - | 42 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | - | 1476 | 2640 | 1825 | - | - | - | - | 5941 |
| Heat generated - TJ | - | - | - | 2006 | - | - | - | - | - | - | 2006 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-------------|------------|------------|------------------------|----------------------|-------------|-----------|-------------|
| Production | - | - | - | - | 665 | 159 | - | - | - | - | 825 |
| Imports | 1 | - | 426 | 1664 | - | - | - | - | 34 | - | 2126 |
| Exports | - | - | - | -21 | - | - | - | - | -28 | - | -49 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -58 | - | - | - | - | - | - | - | -58 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 1 | - | 368 | 1643 | 665 | 159 | - | - | 7 | - | 2844 |
| Electricity and CHP plants | - | - | - | -452 | -665 | -159 | - | - | 507 | 52 | -719 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | -8 | - | - | - | - | -104 | -9 | -120 |
| TFC | 1 | - | 368 | 1183 | - | - | - | - | 410 | 43 | 2005 |
| INDUSTRY SECTOR | - | - | - | 732 | - | - | - | - | 104 | 23 | 860 |
| Iron and steel | - | - | - | - | - | - | - | - | 3 | - | 3 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 24 | - | 24 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | 17 | - | 17 |
| Other/non-specified | - | - | - | 732 | - | - | - | - | 60 | 23 | 816 |
| TRANSPORT SECTOR | - | - | 178 | - | - | - | - | - | 11 | - | 188 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 178 | - | - | - | - | - | - | - | 178 |
| Other/non-specified | - | - | - | - | - | - | - | - | 11 | - | 10 |
| OTHER SECTORS | 1 | - | 136 | 451 | - | - | - | - | 295 | 20 | 903 |
| Residential | 1 | - | - | - | - | - | - | - | 152 | 20 | 173 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 71 | - | 71 |
| Agriculture/forestry | - | - | - | 44 | - | - | - | - | 16 | - | 60 |
| Other/non-specified | - | - | 136 | 406 | - | - | - | - | 57 | - | 600 |
| NON-ENERGY USE | - | - | 54 | - | - | - | - | - | - | - | 54 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | - | 1489 | 2553 | 1853 | 3 | - | - | - | 5898 |
| Heat generated - TJ | - | - | - | 2460 | - | - | - | - | - | - | 2460 |

* Includes transfers, statistical differences, own use and distribution losses.

Azerbaijan / Azerbaïdjan

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|-------------|---------|------------|----------------------|-------------------------|-------------|------------|--------------|
| Production | - | 32427 | - | 5482 | - | 217 | - | 2 | - | - | 38127 |
| Imports | - | - | 147 | 3716 | - | - | - | 3 | 152 | - | 4017 |
| Exports | - | -24944 | -3146 | -54 | - | - | - | - | -76 | - | -28220 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -498 | - | - | - | - | - | - | - | -498 |
| Stock changes | - | 259 | 95 | -201 | - | - | - | - | - | - | 153 |
| TPES | - | 7742 | -3403 | 8941 | - | 217 | - | 4 | 76 | - | 13578 |
| Electricity and CHP plants | - | - | -1257 | -4379 | - | -217 | - | - | 2031 | 560 | -3262 |
| Petroleum refineries | - | -8399 | 7913 | - | - | - | - | - | - | - | -486 |
| Other transformation* | - | 722 | -1129 | -1448 | - | - | - | - | -391 | -126 | -2371 |
| TFC | - | 66 | 2124 | 3115 | - | - | - | 4 | 1716 | 434 | 7460 |
| INDUSTRY SECTOR | - | - | 316 | 705 | - | - | - | - | 334 | 377 | 1732 |
| Iron and steel | - | - | 2 | 19 | - | - | - | - | 13 | - | 34 |
| Chemical and petrochemical | - | - | 260 | 413 | - | - | - | - | 77 | 200 | 950 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | 14 | 1 | 15 |
| Other/non-specified | - | - | 54 | 273 | - | - | - | - | 230 | 176 | 733 |
| TRANSPORT SECTOR | - | - | 1519 | 11 | - | - | - | - | 56 | - | 1586 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1519 | - | - | - | - | - | - | - | 1519 |
| Other/non-specified | - | - | - | 11 | - | - | - | - | 56 | - | 67 |
| OTHER SECTORS | - | 66 | 119 | 2399 | - | - | - | 4 | 1326 | 57 | 3973 |
| Residential | - | - | 67 | 2338 | - | - | - | - | 1186 | 27 | 3618 |
| Comm. and publ. services | - | - | 29 | 25 | - | - | - | - | 95 | 11 | 159 |
| Agriculture/forestry | - | - | 23 | 32 | - | - | - | - | 44 | - | 100 |
| Other/non-specified | - | 66 | - | 4 | - | - | - | 4 | 1 | 20 | 96 |
| NON-ENERGY USE | - | - | 169 | - | - | - | - | - | - | - | 169 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 6110 | 14983 | - | 2518 | - | - | - | - | 23611 |
| Heat generated - TJ | - | - | 3154 | 20312 | - | - | - | - | - | - | 23466 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-------------|-----------|------------|------------------------|----------------------|-------------|------------|--------------|
| Production | - | 42806 | - | 9083 | - | 203 | - | 2 | - | - | 52094 |
| Imports | - | - | 75 | - | - | - | - | 3 | 47 | - | 124 |
| Exports | - | -34954 | -3182 | -1529 | - | - | - | - | -68 | - | -39732 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -391 | - | - | - | - | - | - | - | -391 |
| Stock changes | - | -206 | -134 | 155 | - | - | - | - | - | - | -185 |
| TPES | - | 7646 | -3633 | 7710 | - | 203 | - | 4 | -20 | - | 11910 |
| Electricity and CHP plants | - | - | -975 | -4190 | - | -203 | - | - | 2083 | 465 | -2821 |
| Petroleum refineries | - | -7517 | 7327 | - | - | - | - | - | - | - | -191 |
| Other transformation* | - | -128 | -208 | -930 | - | - | - | - | -737 | -126 | -2128 |
| TFC | - | - | 2511 | 2590 | - | - | - | 4 | 1325 | 340 | 6770 |
| INDUSTRY SECTOR | - | - | 335 | 472 | - | - | - | - | 399 | 295 | 1501 |
| Iron and steel | - | - | 11 | 13 | - | - | - | - | 18 | - | 42 |
| Chemical and petrochemical | - | - | 236 | 346 | - | - | - | - | 34 | 152 | 768 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | 16 | - | 16 |
| Other/non-specified | - | - | 88 | 113 | - | - | - | - | 331 | 143 | 675 |
| TRANSPORT SECTOR | - | - | 1225 | 12 | - | - | - | - | 68 | - | 1306 |
| Domestic aviation | - | - | 75 | - | - | - | - | - | - | - | 75 |
| Road | - | - | 1149 | - | - | - | - | - | - | - | 1149 |
| Other/non-specified | - | - | 1 | 12 | - | - | - | - | 68 | - | 82 |
| OTHER SECTORS | - | - | 763 | 2106 | - | - | - | 4 | 858 | 45 | 3776 |
| Residential | - | - | 375 | 2081 | - | - | - | - | 717 | 28 | 3201 |
| Comm. and publ. services | - | - | 47 | 9 | - | - | - | - | 87 | 14 | 156 |
| Agriculture/forestry | - | - | 22 | 14 | - | - | - | - | 50 | - | 86 |
| Other/non-specified | - | - | 319 | 2 | - | - | - | 4 | 4 | 3 | 333 |
| NON-ENERGY USE | - | - | 187 | - | - | - | - | - | - | - | 187 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 3800 | 18047 | - | 2364 | - | - | - | - | 24211 |
| Heat generated - TJ | - | - | 3388 | 16093 | - | - | - | - | - | - | 19481 |

* Includes transfers, statistical differences, own use and distribution losses.

Bahrain / Bahreïn

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-------------|--------------|--------------------|-------------|---------|-------|----------------------|-------------------------|-------------|------|-------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | - | 9704 | - | 6792 | - | - | - | - | - | - | 16496 |
| Imports | - | 3835 | - | - | - | - | - | - | - | - | 3835 |
| Exports | - | - | -12203 | - | - | - | - | - | - | - | -12203 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -626 | - | - | - | - | - | - | - | -626 |
| Stock changes | - | - | 780 | - | - | - | - | - | - | - | 780 |
| TPES | - | 13539 | -12049 | 6792 | - | - | - | - | - | - | 8282 |
| Electricity and CHP plants | - | - | -231 | -3149 | - | - | - | - | 838 | - | -2542 |
| Petroleum refineries | - | -13158 | 13141 | - | - | - | - | - | - | - | -17 |
| Other transformation* | - | -381 | 115 | -1306 | - | - | - | - | -55 | - | -1628 |
| TFC | - | - | 975 | 2337 | - | - | - | - | 783 | - | 4095 |
| INDUSTRY SECTOR | - | - | - | 2337 | - | - | - | - | 119 | - | 2455 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | 1096 | - | - | - | - | - | - | 1096 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | 1241 | - | - | - | - | 119 | - | 1359 |
| TRANSPORT SECTOR | - | - | 868 | - | - | - | - | - | - | - | 868 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 868 | - | - | - | - | - | - | - | 868 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 68 | - | - | - | - | - | 664 | - | 732 |
| Residential | - | - | 68 | - | - | - | - | - | 438 | - | 507 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 222 | - | 222 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 4 | - | 4 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 39 | - | - | - | - | - | - | - | 39 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 604 | 9141 | - | - | - | - | - | - | 9745 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|-------------------------------------|------------------|--------------|---------------------|-------------|-----------|-------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | 9734 | - | 7283 | - | - | - | - | - | - | 17017 |
| Imports | - | 3888 | - | - | - | - | - | - | - | - | 3888 |
| Exports | - | - | -11975 | - | - | - | - | - | - | - | -11975 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -625 | - | - | - | - | - | - | - | -625 |
| Stock changes | - | -1 | 470 | - | - | - | - | - | - | - | 469 |
| TPES | - | 13621 | -12130 | 7283 | - | - | - | - | - | - | 8774 |
| Electricity and CHP plants | - | - | -135 | -3766 | - | - | - | - | 938 | - | -2963 |
| Petroleum refineries | - | -13260 | 13242 | - | - | - | - | - | - | - | -18 |
| Other transformation* | - | -361 | 91 | -1401 | - | - | - | - | -19 | - | -1690 |
| TFC | - | - | 1068 | 2117 | - | - | - | - | 919 | - | 4104 |
| INDUSTRY SECTOR | - | - | - | 2117 | - | - | - | - | 139 | - | 2256 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | 1175 | - | - | - | - | - | - | 1175 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | 942 | - | - | - | - | 139 | - | 1081 |
| TRANSPORT SECTOR | - | - | 944 | - | - | - | - | - | - | - | 944 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 944 | - | - | - | - | - | - | - | 944 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 70 | - | - | - | - | - | 780 | - | 851 |
| Residential | - | - | 70 | - | - | - | - | - | 515 | - | 585 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 261 | - | 261 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 4 | - | 4 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 54 | - | - | - | - | - | - | - | 54 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 342 | 10566 | - | - | - | - | - | - | 10908 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Bangladesh

Figure 1. Energy production

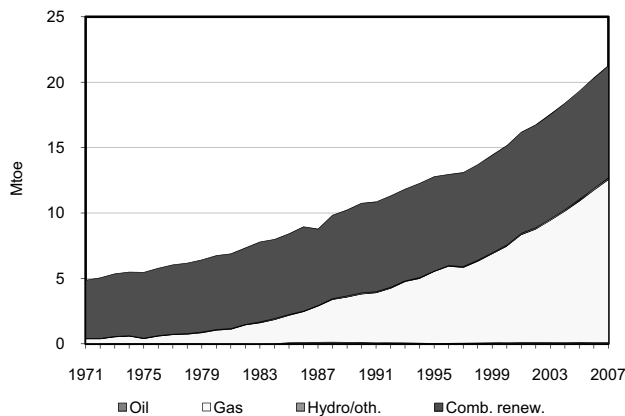


Figure 2. Total primary energy supply*

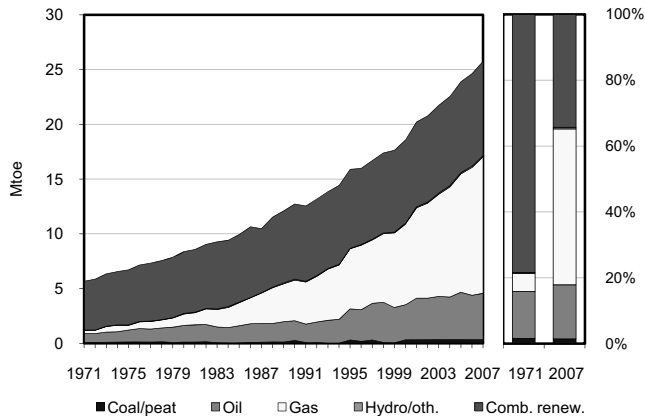


Figure 3. Energy self-sufficiency**

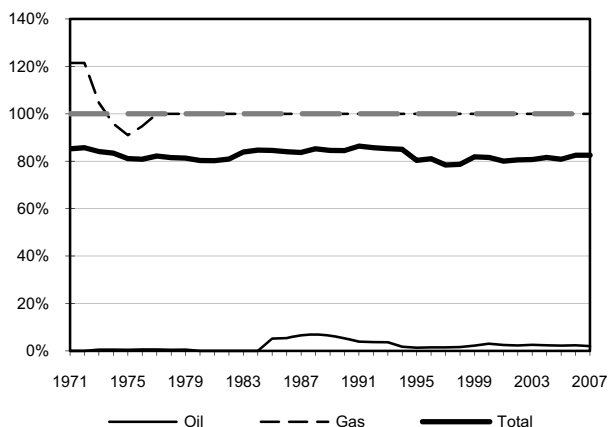


Figure 4. Oil products demand***

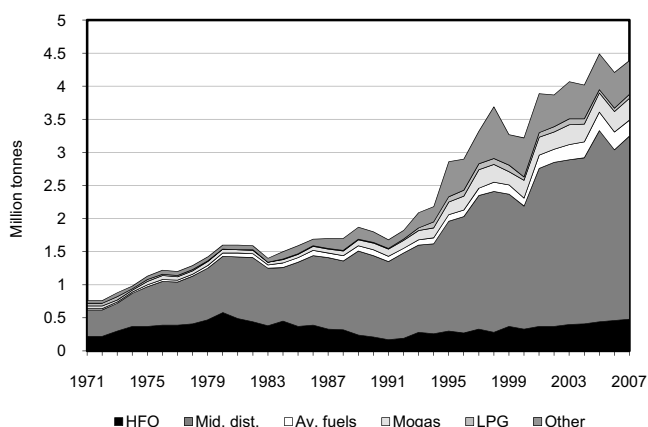


Figure 5. Electricity generation by fuel

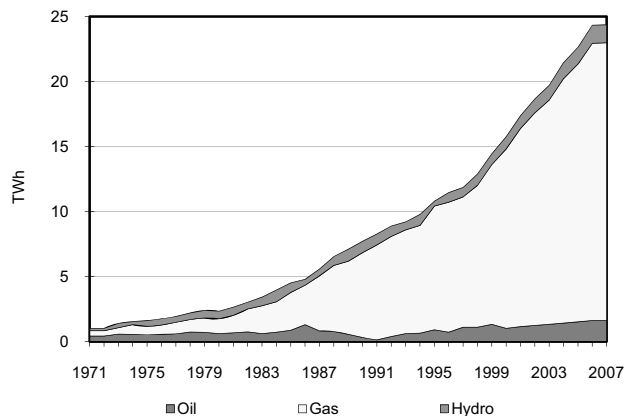
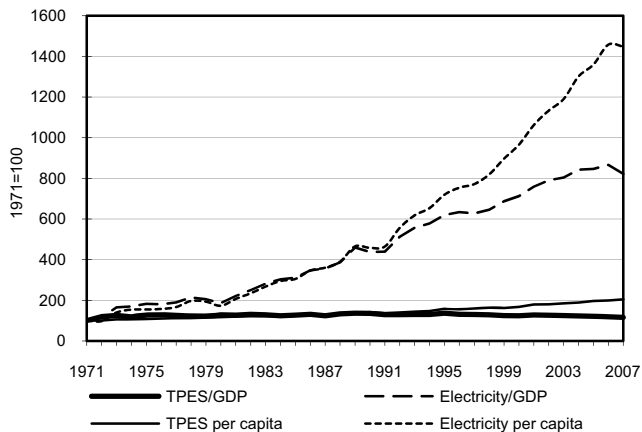


Figure 6. Selected indicators****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** GDP in 2000 US dollars.

Bangladesh

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|--------------|----------|------------|----------------------|-------------------------|-------------|----------|--------------|
| Production | - | 95 | - | 11671 | - | 119 | - | 8446 | - | - | 20331 |
| Imports | 350 | 1262 | 3037 | - | - | - | - | - | - | - | 4649 |
| Exports | - | - | -125 | - | - | - | - | - | - | - | -125 |
| Intl. marine bunkers | - | - | -35 | - | - | - | - | - | - | - | -35 |
| Intl. aviation bunkers | - | - | -289 | - | - | - | - | - | - | - | -289 |
| Stock changes | - | 83 | 20 | - | - | - | - | - | - | - | 103 |
| TPES | 350 | 1439 | 2610 | 11671 | - | 119 | - | 8446 | - | - | 24635 |
| Electricity and CHP plants | - | - | -575 | -5315 | - | -119 | - | - | 2093 | - | -3917 |
| Petroleum refineries | - | -1439 | 1380 | - | - | - | - | - | - | - | -59 |
| Other transformation* | - | - | -69 | -743 | - | - | - | - | -290 | - | -1102 |
| TFC | 350 | - | 3345 | 5614 | - | - | - | 8446 | 1803 | - | 19557 |
| INDUSTRY SECTOR | 350 | - | 246 | 1636 | - | - | - | - | 772 | - | 3004 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 350 | - | - | - | - | - | - | - | - | - | 350 |
| Other/non-specified | - | - | 246 | 1636 | - | - | - | - | 772 | - | 2654 |
| TRANSPORT SECTOR | - | - | 1518 | - | - | - | - | - | - | - | 1518 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1119 | - | - | - | - | - | - | - | 1119 |
| Other/non-specified | - | - | 399 | - | - | - | - | - | - | - | 399 |
| OTHER SECTORS | - | - | 1095 | 2003 | - | - | - | 8446 | 1030 | - | 12574 |
| Residential | - | - | 543 | 1732 | - | - | - | 8446 | 801 | - | 11521 |
| Comm. and publ. services | - | - | - | 170 | - | - | - | - | 151 | - | 321 |
| Agriculture/forestry | - | - | 552 | 101 | - | - | - | - | 49 | - | 703 |
| Other/non-specified | - | - | - | - | - | - | - | - | 30 | - | 30 |
| NON-ENERGY USE | - | - | 487 | 1975 | - | - | - | - | - | - | 2462 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 1640 | 21305 | - | 1389 | - | - | - | - | 24334 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|--------------|-----------|------------|------------------------|----------------------|-------------|----------|--------------|
| Production | - | 86 | - | 12470 | - | 120 | - | 8586 | - | - | 21261 |
| Imports | 350 | 1219 | 3236 | - | - | - | - | - | - | - | 4806 |
| Exports | - | - | -132 | - | - | - | - | - | - | - | -132 |
| Intl. marine bunkers | - | - | -35 | - | - | - | - | - | - | - | -35 |
| Intl. aviation bunkers | - | - | -252 | - | - | - | - | - | - | - | -252 |
| Stock changes | - | 1 | 110 | - | - | - | - | - | - | - | 111 |
| TPES | 350 | 1306 | 2927 | 12470 | - | 120 | - | 8586 | - | - | 25759 |
| Electricity and CHP plants | - | - | -590 | -6172 | - | -120 | - | - | 2097 | - | -4785 |
| Petroleum refineries | - | -1306 | 1272 | - | - | - | - | - | - | - | -34 |
| Other transformation* | - | - | -81 | -684 | - | - | - | - | -275 | - | -1040 |
| TFC | 350 | - | 3529 | 5614 | - | - | - | 8586 | 1822 | - | 19899 |
| INDUSTRY SECTOR | 350 | - | 262 | 1586 | - | - | - | - | 780 | - | 2978 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 350 | - | - | - | - | - | - | - | - | - | 350 |
| Other/non-specified | - | - | 262 | 1586 | - | - | - | - | 780 | - | 2628 |
| TRANSPORT SECTOR | - | - | 1638 | - | - | - | - | - | - | - | 1638 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1192 | - | - | - | - | - | - | - | 1192 |
| Other/non-specified | - | - | 446 | - | - | - | - | - | - | - | 446 |
| OTHER SECTORS | - | - | 1185 | 1942 | - | - | - | 8586 | 1041 | - | 12753 |
| Residential | - | - | 491 | 1679 | - | - | - | 8586 | 809 | - | 11564 |
| Comm. and publ. services | - | - | - | 165 | - | - | - | - | 152 | - | 317 |
| Agriculture/forestry | - | - | 694 | 98 | - | - | - | - | 50 | - | 842 |
| Other/non-specified | - | - | - | - | - | - | - | - | 30 | - | 30 |
| NON-ENERGY USE | - | - | 445 | 2086 | - | - | - | - | - | - | 2531 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 1643 | 21343 | - | 1392 | - | - | - | - | 24378 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Belarus / Bélarus

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 516 | 1789 | - | 182 | - | 3 | - | 1427 | - | - | 3917 |
| Imports | 113 | 21010 | 1323 | 17254 | - | - | - | - | 873 | - | 40572 |
| Exports | -77 | -1144 | -14157 | - | - | - | - | - | -498 | - | -15876 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | 23 | -260 | 437 | -189 | - | - | - | - | - | - | 11 |
| TPES | 575 | 21395 | -12397 | 17246 | - | 3 | - | 1427 | 375 | - | 28624 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | 5 | -36 | - | - | - | - | - | - | - | - | -31 |
| Electricity plants | - | - | -101 | -3555 | - | -3 | - | - | 1408 | - | -2252 |
| CHP plants | -10 | - | -433 | -5681 | - | - | - | -42 | 1328 | 3293 | -1545 |
| Heat plants | -126 | - | -427 | -3423 | - | - | - | -417 | - | 3665 | -729 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -19400 | 18612 | - | - | - | - | - | - | - | -789 |
| Coal transformation | -7 | - | - | - | - | - | - | -5 | - | - | -12 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -14 | - | -532 | - | - | - | - | -13 | -333 | -385 | -1277 |
| Distribution losses | -19 | -376 | -14 | -177 | - | - | - | - | -330 | -667 | -1583 |
| TFC | 403 | 1583 | 4707 | 4411 | - | - | - | 949 | 2448 | 5906 | 20406 |
| INDUSTRY SECTOR | 57 | - | 547 | 1544 | - | - | - | 153 | 1197 | 2048 | 5546 |
| Iron and steel | 15 | - | - | 90 | - | - | - | - | 149 | 13 | 267 |
| Chemical and petrochemical | - | - | 56 | 311 | - | - | - | 112 | 396 | 733 | 1609 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | 1 | - | 1 |
| Non-metallic minerals | 13 | - | 12 | 924 | - | - | - | 2 | 108 | 181 | 1240 |
| Transport equipment | - | - | - | - | - | - | - | - | 5 | - | 5 |
| Machinery | 23 | - | 14 | 128 | - | - | - | 3 | 232 | 230 | 630 |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | 5 | - | 6 | 41 | - | - | - | 1 | 96 | 501 | 650 |
| Paper pulp and printing | - | - | 16 | 17 | - | - | - | - | 29 | - | 62 |
| Wood and wood products | - | - | - | - | - | - | - | 26 | 35 | 211 | 272 |
| Construction | - | - | 86 | 2 | - | - | - | 4 | 31 | - | 122 |
| Textile and leather | - | - | 4 | 3 | - | - | - | 3 | 41 | 109 | 160 |
| Non-specified | - | - | 353 | 29 | - | - | - | 2 | 75 | 69 | 528 |
| TRANSPORT SECTOR | 7 | - | 1673 | 358 | - | - | - | - | 174 | - | 2212 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1393 | 19 | - | - | - | - | - | - | 1412 |
| Rail | 7 | - | 280 | - | - | - | - | - | 67 | - | 354 |
| Pipeline transport | - | - | - | 339 | - | - | - | - | 78 | - | 417 |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | 29 | - | 30 |
| OTHER SECTORS | 329 | - | 2041 | 1257 | - | - | - | 795 | 1077 | 3858 | 9358 |
| Residential | 255 | - | 1253 | 1190 | - | - | - | 620 | 493 | 2449 | 6261 |
| Comm. and publ. services | 1 | - | 4 | 4 | - | - | - | 146 | 291 | 1244 | 1692 |
| Agriculture/forestry | 3 | - | 726 | 29 | - | - | - | 29 | 133 | 165 | 1084 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 69 | - | 58 | 34 | - | - | - | - | 159 | - | 321 |
| NON-ENERGY USE | 10 | 1583 | 446 | 1252 | - | - | - | - | - | - | 3291 |
| in industry/transf./energy | 10 | 1583 | 446 | 1248 | - | - | - | - | - | - | 3288 |
| <i>of which: feedstocks</i> | - | 1583 | 1 | 1248 | - | - | - | - | - | - | 2832 |
| in transport | - | - | - | 3 | - | - | - | - | - | - | 3 |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|-------------|----------|--------------|---------------|----------|-----------|----------|--------------|----------|----------|---------------|
| Electr. generated - GWh | 4 | - | 1466 | 30212 | - | 35 | 1 | 93 | - | - | 31811 |
| <i>Electricity plants</i> | - | - | 454 | 15878 | - | 35 | 1 | - | - | - | 16368 |
| <i>CHP plants</i> | 4 | - | 1012 | 14334 | - | - | - | 93 | - | - | 15443 |
| Heat generated - TJ | 4165 | - | 25165 | 249788 | - | - | - | 12233 | - | - | 291351 |
| <i>CHP plants</i> | 326 | - | 10106 | 126597 | - | - | - | 866 | - | - | 137895 |
| <i>Heat plants</i> | 3839 | - | 15059 | 123191 | - | - | - | 11367 | - | - | 153456 |

Belarus / Bélarus

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 609 | 1769 | - | 167 | - | 3 | - | 1461 | - | - | 4009 |
| Imports | 96 | 20136 | 1297 | 17118 | - | - | - | - | 809 | - | 39456 |
| Exports | -80 | -855 | -14325 | - | - | - | - | - | -435 | - | -15696 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | -74 | 422 | -131 | 62 | - | - | - | - | - | - | 279 |
| TPES | 550 | 21472 | -13160 | 17348 | - | 3 | - | 1461 | 374 | - | 28047 |
| Transfers | - | - | -41 | - | - | - | - | - | - | - | -41 |
| Statistical differences | 6 | -16 | - | - | - | - | - | - | - | - | -10 |
| Electricity plants | - | - | -15 | -3753 | - | -3 | - | - | 1463 | - | -2309 |
| CHP plants | -19 | - | -56 | -5909 | - | - | - | -51 | 1275 | 3298 | -1464 |
| Heat plants | -108 | - | -300 | -2969 | - | - | - | -452 | - | 3170 | -658 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -19411 | 18856 | - | - | - | - | - | - | - | -555 |
| Coal transformation | -6 | - | - | - | - | - | - | -4 | - | - | -10 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -13 | - | -513 | - | - | - | - | -22 | -322 | -358 | -1228 |
| Distribution losses | -44 | -385 | -14 | -154 | - | - | - | - | -320 | -617 | -1534 |
| TFC | 367 | 1659 | 4756 | 4562 | - | - | - | 931 | 2468 | 5494 | 20237 |
| INDUSTRY SECTOR | 57 | - | 564 | 1692 | - | - | - | 157 | 1214 | 1980 | 5664 |
| Iron and steel | 15 | - | - | 94 | - | - | - | - | 154 | 10 | 273 |
| Chemical and petrochemical | - | - | 52 | 398 | - | - | - | 120 | 408 | 747 | 1725 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | 1 | - | 1 |
| Non-metallic minerals | 14 | - | 16 | 964 | - | - | - | 2 | 112 | 183 | 1291 |
| Transport equipment | - | - | - | - | - | - | - | - | 5 | - | 5 |
| Machinery | 23 | - | 15 | 133 | - | - | - | 4 | 235 | 192 | 602 |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | 5 | - | 8 | 45 | - | - | - | 3 | 99 | 497 | 656 |
| Paper pulp and printing | - | - | 14 | 18 | - | - | - | - | 29 | - | 61 |
| Wood and wood products | - | - | - | - | - | - | - | 22 | 35 | 205 | 262 |
| Construction | - | - | 90 | 2 | - | - | - | 5 | 29 | - | 126 |
| Textile and leather | - | - | 4 | 3 | - | - | - | 1 | 39 | 95 | 143 |
| Non-specified | - | - | 365 | 35 | - | - | - | 1 | 70 | 51 | 521 |
| TRANSPORT SECTOR | 7 | - | 1698 | 432 | - | - | - | - | 157 | - | 2295 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1405 | 18 | - | - | - | - | - | - | 1423 |
| Rail | 6 | - | 293 | - | - | - | - | - | 60 | - | 360 |
| Pipeline transport | - | - | - | 414 | - | - | - | - | 69 | - | 483 |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | 28 | - | 28 |
| OTHER SECTORS | 293 | - | 2041 | 1258 | - | - | - | 773 | 1097 | 3514 | 8976 |
| Residential | 231 | - | 1214 | 1199 | - | - | - | 580 | 517 | 2230 | 5972 |
| Comm. and publ. services | 2 | - | 4 | 3 | - | - | - | 155 | 297 | 1127 | 1589 |
| Agriculture/forestry | 3 | - | 760 | 40 | - | - | - | 37 | 123 | 157 | 1120 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 58 | - | 62 | 16 | - | - | - | - | 160 | - | 296 |
| NON-ENERGY USE | 10 | 1659 | 453 | 1179 | - | - | - | - | - | - | 3301 |
| in industry/transf./energy | 10 | 1659 | 453 | 1176 | - | - | - | - | - | - | 3298 |
| <i>of which: feedstocks</i> | - | 1659 | 1 | 1176 | - | - | - | - | - | - | 2836 |
| in transport | - | - | - | 3 | - | - | - | - | - | - | 3 |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|-------------|----------|--------------|---------------|----------|-----------|----------|--------------|----------|----------|---------------|
| Electr. generated - GWh | 8 | - | 174 | 31523 | - | 35 | 1 | 88 | - | - | 31829 |
| <i>Electricity plants</i> | - | - | 70 | 16901 | - | 35 | 1 | - | - | - | 17007 |
| <i>CHP plants</i> | 8 | - | 104 | 14622 | - | - | - | 88 | - | - | 14822 |
| Heat generated - TJ | 3904 | - | 12271 | 240878 | - | - | - | 13809 | - | - | 270862 |
| <i>CHP plants</i> | 612 | - | 1454 | 134854 | - | - | - | 1175 | - | - | 138095 |
| <i>Heat plants</i> | 3292 | - | 10817 | 106024 | - | - | - | 12634 | - | - | 132767 |

Benin / Bénin

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|-----|---------|-------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | - | - | - | - | - | - | 1720 | - | - | 1720 |
| Imports | - | - | 1568 | - | - | - | - | - | 51 | - | 1619 |
| Exports | - | - | -539 | - | - | - | - | - | - | - | -539 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -26 | - | - | - | - | - | - | - | -26 |
| Stock changes | - | - | 14 | - | - | - | - | - | - | - | 14 |
| TPES | - | - | 1019 | - | - | - | - | 1720 | 51 | - | 2790 |
| Electricity and CHP plants | - | - | -29 | - | - | - | - | - | 11 | - | -18 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | -338 | -10 | - | -348 |
| TFC | - | - | 991 | - | - | - | - | 1382 | 52 | - | 2424 |
| INDUSTRY SECTOR | - | - | 48 | - | - | - | - | - | 10 | - | 58 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | 47 | - | - | - | - | - | 7 | - | 54 |
| Other/non-specified | - | - | 1 | - | - | - | - | - | 3 | - | 4 |
| TRANSPORT SECTOR | - | - | 619 | - | - | - | - | - | - | - | 619 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 619 | - | - | - | - | - | - | - | 619 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 319 | - | - | - | - | 1382 | 41 | - | 1742 |
| Residential | - | - | 318 | - | - | - | - | 1152 | 25 | - | 1494 |
| Comm. and publ. services | - | - | 1 | - | - | - | - | 230 | 17 | - | 248 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 4 | - | - | - | - | - | - | - | 4 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 127 | - | - | - | - | - | - | - | 127 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|-------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | - | - | - | - | - | - | 1772 | - | - | 1772 |
| Imports | - | - | 1613 | - | - | - | - | - | 51 | - | 1664 |
| Exports | - | - | -527 | - | - | - | - | - | - | - | -527 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -27 | - | - | - | - | - | - | - | -27 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | - | 1060 | - | - | - | - | 1772 | 51 | - | 2883 |
| Electricity and CHP plants | - | - | -30 | - | - | - | - | - | 11 | - | -18 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | -349 | -10 | - | -359 |
| TFC | - | - | 1030 | - | - | - | - | 1423 | 52 | - | 2506 |
| INDUSTRY SECTOR | - | - | 50 | - | - | - | - | - | 10 | - | 60 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | 49 | - | - | - | - | - | 7 | - | 56 |
| Other/non-specified | - | - | 1 | - | - | - | - | - | 3 | - | 4 |
| TRANSPORT SECTOR | - | - | 648 | - | - | - | - | - | - | - | 648 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 648 | - | - | - | - | - | - | - | 648 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 328 | - | - | - | - | 1423 | 42 | - | 1793 |
| Residential | - | - | 327 | - | - | - | - | 1186 | 25 | - | 1539 |
| Comm. and publ. services | - | - | 1 | - | - | - | - | 237 | 17 | - | 255 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 4 | - | - | - | - | - | - | - | 4 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 131 | - | - | 1 | - | - | - | - | 132 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Bolivia / Bolivie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|-------------|---------|------------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | 2668 | - | 10631 | - | 186 | - | 805 | - | - | 14290 |
| Imports | - | - | 383 | - | - | - | - | - | - | - | 383 |
| Exports | - | -713 | -49 | -9020 | - | - | - | - | - | - | -9782 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | - | - | -60 | - | - | - | - | - | - | - | -60 |
| TPES | - | 1955 | 274 | 1611 | - | 186 | - | 805 | - | - | 4831 |
| Electricity and CHP plants | - | - | -367 | -661 | - | -186 | - | -33 | 455 | - | -792 |
| Petroleum refineries | - | -1619 | 1618 | - | - | - | - | - | - | - | - |
| Other transformation* | - | -337 | 157 | -352 | - | - | - | -29 | -69 | - | -632 |
| TFC | - | - | 1681 | 597 | - | - | - | 743 | 386 | - | 3407 |
| INDUSTRY SECTOR | - | - | 49 | 402 | - | - | - | 510 | 136 | - | 1097 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 49 | 402 | - | - | - | 510 | 136 | - | 1097 |
| TRANSPORT SECTOR | - | - | 1164 | 156 | - | - | - | - | - | - | 1320 |
| Domestic aviation | - | - | 139 | - | - | - | - | - | - | - | 139 |
| Road | - | - | 1006 | 156 | - | - | - | - | - | - | 1161 |
| Other/non-specified | - | - | 19 | - | - | - | - | - | - | - | 20 |
| OTHER SECTORS | - | - | 456 | 39 | - | - | - | 233 | 250 | - | 978 |
| Residential | - | - | 401 | 23 | - | - | - | 233 | 150 | - | 808 |
| Comm. and publ. services | - | - | - | 16 | - | - | - | - | 88 | - | 104 |
| Agriculture/forestry | - | - | 10 | - | - | - | - | - | - | - | 10 |
| Other/non-specified | - | - | 44 | - | - | - | - | - | 12 | - | 55 |
| NON-ENERGY USE | - | - | 12 | - | - | - | - | - | - | - | 12 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 884 | 2079 | - | 2159 | - | 171 | - | - | 5293 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-------------|-----------|------------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | 2456 | - | 11615 | - | 199 | - | 791 | - | - | 15061 |
| Imports | - | - | 446 | - | - | - | - | - | - | - | 446 |
| Exports | - | -144 | - | -9938 | - | - | - | - | - | - | -10082 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | - | - | 13 | - | - | - | - | - | - | - | 13 |
| TPES | - | 2312 | 459 | 1677 | - | 199 | - | 791 | - | - | 5438 |
| Electricity and CHP plants | - | - | -339 | -773 | - | -199 | - | -46 | 493 | - | -864 |
| Petroleum refineries | - | -2031 | 1987 | - | - | - | - | - | - | - | -44 |
| Other transformation* | - | -281 | 10 | -207 | - | - | - | -15 | -75 | - | -570 |
| TFC | - | - | 2117 | 697 | - | - | - | 730 | 418 | - | 3961 |
| INDUSTRY SECTOR | - | - | 64 | 446 | - | - | - | 519 | 155 | - | 1184 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 64 | 446 | - | - | - | 519 | 155 | - | 1184 |
| TRANSPORT SECTOR | - | - | 1343 | 211 | - | - | - | - | - | - | 1555 |
| Domestic aviation | - | - | 119 | - | - | - | - | - | - | - | 119 |
| Road | - | - | 1204 | 211 | - | - | - | - | - | - | 1416 |
| Other/non-specified | - | - | 20 | - | - | - | - | - | - | - | 20 |
| OTHER SECTORS | - | - | 696 | 40 | - | - | - | 211 | 262 | - | 1209 |
| Residential | - | - | 404 | 22 | - | - | - | 211 | 158 | - | 794 |
| Comm. and publ. services | - | - | 7 | 18 | - | - | - | - | 92 | - | 117 |
| Agriculture/forestry | - | - | 33 | - | - | - | - | - | - | - | 33 |
| Other/non-specified | - | - | 252 | - | - | - | - | - | 13 | - | 265 |
| NON-ENERGY USE | - | - | 14 | - | - | - | - | - | - | - | 14 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 819 | 2423 | - | 2319 | - | 173 | - | - | 5734 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Bosnia and Herzegovina / Bosnie-Herzégovine

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|------------|--------------------|------------|----------|------------|----------------------|-------------------------|-------------|-----------|-------------|
| Production | 3275 | - | - | - | - | 504 | - | 184 | - | - | 3963 |
| Imports | 464 | 149 | 1069 | 323 | - | - | - | - | 259 | - | 2264 |
| Exports | -390 | - | -5 | - | - | - | - | - | -441 | - | -836 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | 17 | - | - | - | - | - | - | - | - | - | 17 |
| TPES | 3366 | 149 | 1064 | 323 | - | 504 | - | 184 | -181 | - | 5407 |
| Electricity and CHP plants | -2837 | - | -49 | - | - | -504 | - | - | 1148 | 39 | -2203 |
| Petroleum refineries | - | -149 | 143 | - | - | - | - | - | - | - | -6 |
| Other transformation* | -99 | - | -22 | -61 | - | - | - | - | -297 | 54 | -423 |
| TFC | 430 | - | 1135 | 263 | - | - | - | 184 | 670 | 93 | 2774 |
| INDUSTRY SECTOR | 159 | - | - | 207 | - | - | - | - | 207 | - | 573 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 159 | - | - | 207 | - | - | - | - | 207 | - | 573 |
| TRANSPORT SECTOR | - | - | 827 | - | - | - | - | - | - | - | 827 |
| Domestic aviation | - | - | 5 | - | - | - | - | - | - | - | 5 |
| Road | - | - | 812 | - | - | - | - | - | - | - | 812 |
| Other/non-specified | - | - | 10 | - | - | - | - | - | - | - | 10 |
| OTHER SECTORS | 271 | - | 215 | 56 | - | - | - | 184 | 463 | 93 | 1281 |
| Residential | - | - | - | 48 | - | - | - | 184 | 354 | - | 586 |
| Comm. and publ. services | - | - | - | 8 | - | - | - | - | 109 | - | 116 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 271 | - | 215 | - | - | - | - | - | - | 93 | 579 |
| NON-ENERGY USE | - | - | 94 | - | - | - | - | - | - | - | 94 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 7330 | - | 159 | - | - | 5857 | - | - | - | - | 13346 |
| Heat generated - TJ | 1617 | - | 645 | 1634 | - | - | - | - | - | - | 3896 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|------------|-----------|------------|------------------------|----------------------|-------------|-----------|-------------|
| Production | 3411 | - | - | - | - | 344 | - | 183 | - | - | 3939 |
| Imports | 495 | 118 | 1161 | 345 | - | - | - | - | 322 | - | 2442 |
| Exports | -415 | - | -5 | - | - | - | - | - | -374 | - | -793 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | 17 | - | - | - | - | - | - | - | - | - | 17 |
| TPES | 3508 | 118 | 1156 | 345 | - | 344 | - | 183 | -52 | - | 5604 |
| Electricity and CHP plants | -2967 | - | -52 | - | - | -344 | - | - | 1016 | 41 | -2304 |
| Petroleum refineries | - | -118 | 114 | - | - | - | - | - | - | - | -4 |
| Other transformation* | -106 | - | -21 | -65 | - | - | - | - | -296 | 58 | -429 |
| TFC | 436 | - | 1197 | 281 | - | - | - | 183 | 669 | 99 | 2866 |
| INDUSTRY SECTOR | 166 | - | - | 221 | - | - | - | - | 207 | - | 594 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 166 | - | - | 221 | - | - | - | - | 207 | - | 594 |
| TRANSPORT SECTOR | - | - | 883 | - | - | - | - | - | - | - | 883 |
| Domestic aviation | - | - | 5 | - | - | - | - | - | - | - | 5 |
| Road | - | - | 868 | - | - | - | - | - | - | - | 868 |
| Other/non-specified | - | - | 10 | - | - | - | - | - | - | - | 10 |
| OTHER SECTORS | 270 | - | 215 | 60 | - | - | - | 183 | 462 | 99 | 1290 |
| Residential | - | - | - | 51 | - | - | - | 183 | 354 | - | 589 |
| Comm. and publ. services | - | - | - | 8 | - | - | - | - | 108 | - | 117 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 270 | - | 215 | - | - | - | - | - | - | 99 | 585 |
| NON-ENERGY USE | - | - | 99 | - | - | - | - | - | - | - | 99 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 7667 | - | 156 | - | - | 4001 | - | - | - | - | 11824 |
| Heat generated - TJ | 1727 | - | 689 | 1746 | - | - | - | - | - | - | 4162 |

* Includes transfers, statistical differences, own use and distribution losses.

Botswana

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-------------|-----------|--------------------|-----|---------|-------|----------------------|-------------------------|-------------|------|-------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | 616 | - | - | - | - | - | - | 461 | - | - | 1078 |
| Imports | 19 | - | 712 | - | - | - | - | - | 151 | - | 882 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -11 | - | - | - | - | - | - | - | -11 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 635 | - | 702 | - | - | - | - | 461 | 151 | - | 1949 |
| Electricity and CHP plants | -495 | - | -2 | - | - | - | - | - | 90 | - | -408 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | - | -21 | - | -21 |
| TFC | 140 | - | 700 | - | - | - | - | 461 | 219 | - | 1520 |
| INDUSTRY SECTOR | 137 | - | 108 | - | - | - | - | - | 113 | - | 358 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 7 | - | - | - | - | - | - | - | 1 | - | 8 |
| Other/non-specified | 130 | - | 108 | - | - | - | - | - | 112 | - | 350 |
| TRANSPORT SECTOR | - | - | 521 | - | - | - | - | - | - | - | 521 |
| Domestic aviation | - | - | 3 | - | - | - | - | - | - | - | 3 |
| Road | - | - | 512 | - | - | - | - | - | - | - | 512 |
| Other/non-specified | - | - | 6 | - | - | - | - | - | - | - | 6 |
| OTHER SECTORS | 3 | - | 61 | - | - | - | - | 461 | 107 | - | 632 |
| Residential | - | - | 36 | - | - | - | - | 461 | 49 | - | 547 |
| Comm. and publ. services | - | - | 16 | - | - | - | - | - | 51 | - | 67 |
| Agriculture/forestry | 3 | - | 8 | - | - | - | - | - | 6 | - | 18 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 10 | - | - | - | - | - | - | - | 10 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 1036 | - | 6 | - | - | - | - | - | - | - | 1042 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|-------------------------------------|------------------|--------------|---------------------|-----|-----------|-------|------------------------|----------------------|-------------|---------|-------------|
| Production | 640 | - | - | - | - | - | - | 467 | - | - | 1107 |
| Imports | 38 | - | 736 | - | - | - | - | - | 152 | - | 926 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -11 | - | - | - | - | - | - | - | -11 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 677 | - | 726 | - | - | - | - | 467 | 152 | - | 2022 |
| Electricity and CHP plants | -532 | - | -2 | - | - | - | - | - | 96 | - | -438 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | - | -23 | - | -23 |
| TFC | 145 | - | 724 | - | - | - | - | 467 | 225 | - | 1561 |
| INDUSTRY SECTOR | 142 | - | 112 | - | - | - | - | - | 117 | - | 371 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 7 | - | - | - | - | - | - | - | 1 | - | 8 |
| Other/non-specified | 135 | - | 112 | - | - | - | - | - | 116 | - | 363 |
| TRANSPORT SECTOR | - | - | 541 | - | - | - | - | - | - | - | 541 |
| Domestic aviation | - | - | 3 | - | - | - | - | - | - | - | 3 |
| Road | - | - | 532 | - | - | - | - | - | - | - | 532 |
| Other/non-specified | - | - | 6 | - | - | - | - | - | - | - | 6 |
| OTHER SECTORS | 3 | - | 61 | - | - | - | - | 467 | 108 | - | 639 |
| Residential | - | - | 36 | - | - | - | - | 467 | 50 | - | 553 |
| Comm. and publ. services | - | - | 16 | - | - | - | - | - | 52 | - | 68 |
| Agriculture/forestry | 3 | - | 8 | - | - | - | - | - | 6 | - | 18 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 10 | - | - | - | - | - | - | - | 10 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 1113 | - | 6 | - | - | - | - | - | - | - | 1119 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Brazil / Brésil

Figure 1. Energy production

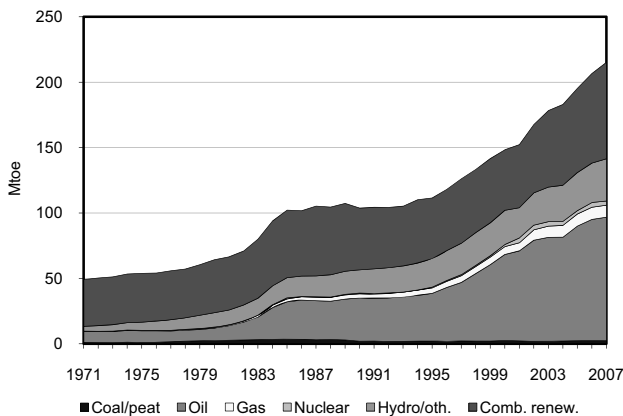


Figure 2. Total primary energy supply*

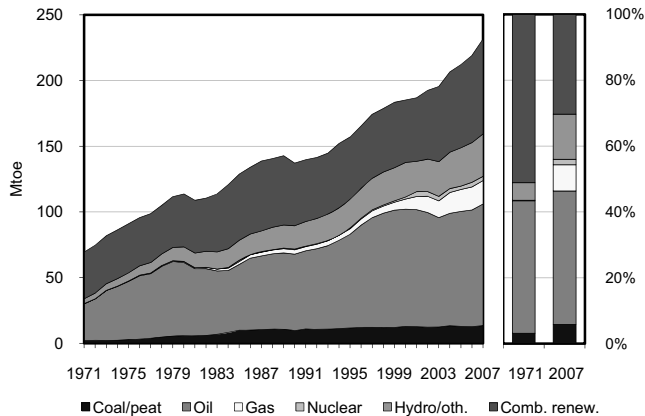


Figure 3. Energy self-sufficiency**

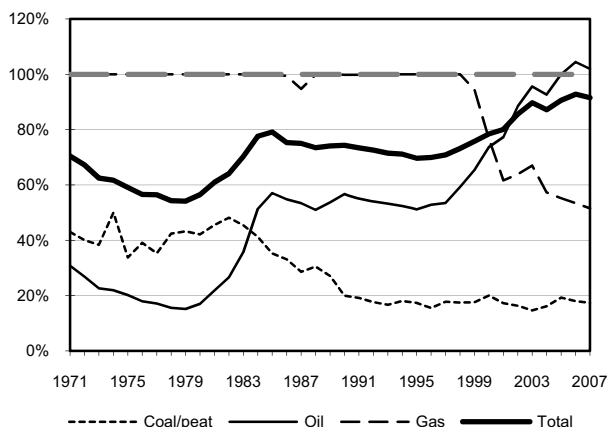


Figure 4. Oil products demand***

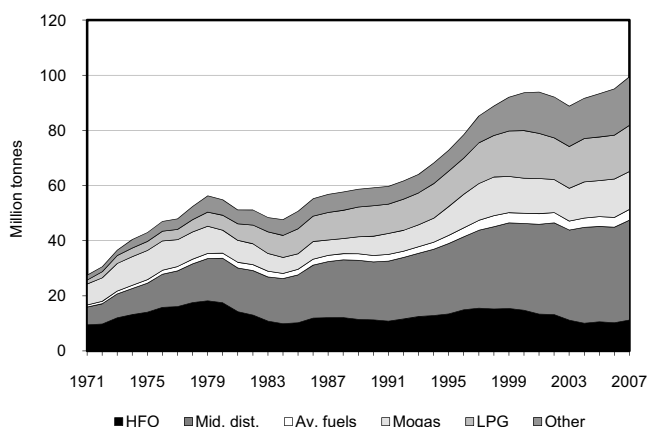


Figure 5. Electricity generation by fuel

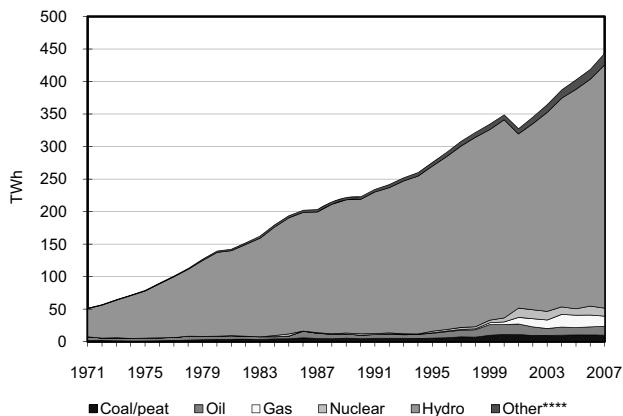
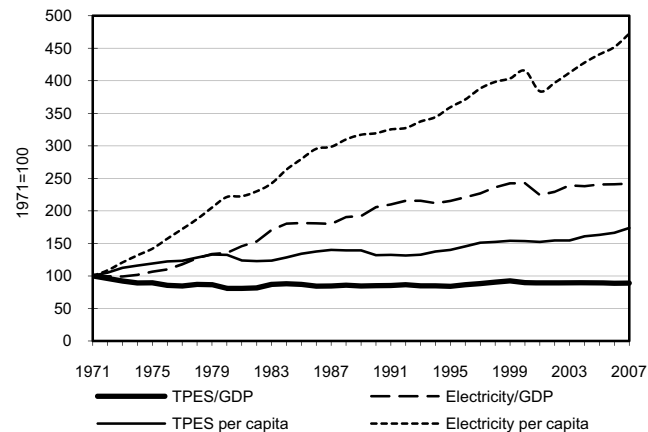


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Brazil / Brésil

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|------------------|--------------|---------------------|--------------|-------------|--------------|------------------------|-------------------------|--------------|------------|---------------|
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | 2301 | 92793 | - | 9351 | 3584 | 29997 | 138 | 68524 | - | 145 | 206835 |
| Imports | 10184 | 17353 | 11833 | 8152 | - | - | - | - | 3564 | - | 51087 |
| Exports | -4 | -19083 | -9830 | - | - | - | - | -1793 | -24 | - | -30735 |
| Intl. marine bunkers | - | - | -3341 | - | - | - | - | - | - | - | -3341 |
| Intl. aviation bunkers | - | - | -1306 | - | - | - | - | - | - | - | -1306 |
| Stock changes | 312 | 711 | -305 | - | - | - | - | -318 | - | - | 400 |
| TPES | 12792 | 91775 | -2949 | 17503 | 3584 | 29997 | 138 | 66413 | 3540 | 145 | 222939 |
| Transfers | - | -1238 | 1271 | - | - | - | - | - | - | - | 33 |
| Statistical differences | -46 | 1537 | -25 | -8 | - | - | - | 110 | - | - | 1568 |
| Electricity plants | -3095 | - | -2920 | -3521 | -3584 | -29997 | -20 | -2855 | 36063 | -145 | -10074 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -95000 | 93344 | - | - | - | - | - | - | - | -1656 |
| Coal transformation | -2704 | - | - | - | - | - | - | - | - | - | -2704 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | 2926 | -2926 | - | - | - | - | -4836 | - | - | -4836 |
| Own use | -559 | - | -4817 | -3314 | - | - | - | -8957 | -1253 | - | -18901 |
| Distribution losses | -295 | - | -37 | -112 | - | - | - | -212 | -6067 | - | -6724 |
| TFC | 6093 | - | 80940 | 10548 | - | - | 118 | 49663 | 32283 | - | 179644 |
| INDUSTRY SECTOR | 5920 | - | 11415 | 7158 | - | - | - | 31954 | 15774 | - | 72221 |
| Iron and steel | 4772 | - | 638 | 1047 | - | - | - | 6026 | 2114 | - | 14597 |
| Chemical and petrochemical | 61 | - | 2923 | 2116 | - | - | - | 170 | 1880 | - | 7149 |
| Non-ferrous metals | 227 | - | 1721 | 499 | - | - | - | 11 | 3174 | - | 5632 |
| Non-metallic minerals | 148 | - | 2540 | 870 | - | - | - | 2338 | 630 | - | 6525 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | 539 | - | 1211 | 246 | - | - | - | - | 863 | - | 2860 |
| Food and tobacco | 40 | - | 570 | 529 | - | - | - | 17045 | 1848 | - | 20031 |
| Paper pulp and printing | 73 | - | 507 | 530 | - | - | - | 5537 | 1330 | - | 7976 |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Textile and leather | - | - | 118 | 316 | - | - | - | 94 | 669 | - | 1196 |
| Non-specified | 60 | - | 1186 | 1006 | - | - | - | 733 | 3267 | - | 6252 |
| TRANSPORT SECTOR | 14 | - | 45378 | 1921 | - | - | - | 6463 | 126 | - | 53901 |
| Domestic aviation | - | - | 2469 | - | - | - | - | - | - | - | 2469 |
| Road | - | - | 41246 | 1921 | - | - | - | 6463 | - | - | 49630 |
| Rail | 14 | - | 561 | - | - | - | - | - | 126 | - | 701 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 1102 | - | - | - | - | - | - | - | 1102 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 11752 | 503 | - | - | 118 | 11246 | 16383 | - | 40000 |
| Residential | - | - | 5776 | 196 | - | - | - | 8843 | 7380 | - | 22194 |
| Comm. and publ. services | - | - | 1038 | 303 | - | - | - | 153 | 7591 | - | 9086 |
| Agriculture/forestry | - | - | 4938 | 3 | - | - | - | 2250 | 1412 | - | 8603 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | 118 | - | - | - | 118 |
| NON-ENERGY USE | 159 | - | 12396 | 967 | - | - | - | - | - | - | 13522 |
| in industry/transf./energy | - | - | 12396 | 967 | - | - | - | - | - | - | 13363 |
| of which: feedstocks | - | - | 7436 | 967 | - | - | - | - | - | - | 8403 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | 159 | - | - | - | - | - | - | - | - | - | 159 |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|--------------|---|--------------|--------------|--------------|---------------|------------|--------------|---|-------------|---------------|
| Electr. generated - GWh | 10541 | - | 12374 | 18259 | 13754 | 348805 | 237 | 14809 | - | 558 | 419337 |
| <i>Electricity plants</i> | 10541 | - | 12374 | 18259 | 13754 | 348805 | 237 | 14809 | - | 558 | 419337 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | 6092 | 6092 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | 6092 | 6092 |

Brazil / Brésil

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|---------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 2352 | 94445 | - | 9162 | 3218 | 32165 | 183 | 73684 | - | 375 | 215584 |
| Imports | 11261 | 21551 | 13709 | 8606 | - | - | - | 4 | 3514 | - | 58646 |
| Exports | -6 | -21850 | -9975 | - | - | - | - | -1827 | -175 | - | -33834 |
| Intl. marine bunkers | - | - | -3595 | - | - | - | - | - | - | - | -3595 |
| Intl. aviation bunkers | - | - | -1417 | - | - | - | - | - | - | - | -1417 |
| Stock changes | -54 | -344 | 95 | - | - | - | - | 474 | - | - | 172 |
| TPES | 13553 | 93803 | -1184 | 17768 | 3218 | 32165 | 183 | 72335 | 3340 | 375 | 235556 |
| Transfers | - | -1765 | 1804 | - | - | - | - | - | - | - | 39 |
| Statistical differences | -60 | 1550 | -494 | 116 | - | - | - | 1 | - | - | 1114 |
| Electricity plants | -2988 | - | -3101 | -2984 | -3218 | -32165 | -48 | -3258 | 38282 | -375 | -9855 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -96684 | 95511 | - | - | - | - | - | - | - | -1173 |
| Coal transformation | -3028 | - | - | - | - | - | - | - | - | - | -3028 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | 3096 | -3096 | - | - | - | - | -4805 | - | - | -4805 |
| Own use | -622 | - | -4817 | -3619 | - | - | - | -10588 | -1485 | - | -21131 |
| Distribution losses | -307 | - | -50 | -227 | - | - | - | -213 | -6131 | - | -6928 |
| TFC | 6549 | - | 84574 | 11054 | - | - | 135 | 53472 | 34006 | - | 189790 |
| INDUSTRY SECTOR | 6378 | - | 12518 | 7658 | - | - | - | 33598 | 16565 | - | 76718 |
| Iron and steel | 5163 | - | 728 | 1176 | - | - | - | 6237 | 2325 | - | 15629 |
| Chemical and petrochemical | 83 | - | 3035 | 2138 | - | - | - | 176 | 1985 | - | 7418 |
| Non-ferrous metals | 237 | - | 1794 | 598 | - | - | - | 12 | 3273 | - | 5914 |
| Non-metallic minerals | 138 | - | 2929 | 932 | - | - | - | 2432 | 655 | - | 7085 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | 575 | - | 1454 | 220 | - | - | - | - | 928 | - | 3177 |
| Food and tobacco | 46 | - | 624 | 555 | - | - | - | 18000 | 1926 | - | 21152 |
| Paper pulp and printing | 72 | - | 573 | 565 | - | - | - | 5880 | 1426 | - | 8515 |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | 12 | - | - | - | - | - | - | - | 12 |
| Textile and leather | - | - | 124 | 352 | - | - | - | 96 | 685 | - | 1257 |
| Non-specified | 65 | - | 1245 | 1123 | - | - | - | 765 | 3362 | - | 6559 |
| TRANSPORT SECTOR | 14 | - | 47057 | 2131 | - | - | - | 8954 | 135 | - | 58293 |
| Domestic aviation | - | - | 2711 | - | - | - | - | - | - | - | 2711 |
| Road | - | - | 42403 | 2131 | - | - | - | 8954 | - | - | 53488 |
| Rail | 14 | - | 588 | - | - | - | - | - | 135 | - | 737 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 1356 | - | - | - | - | - | - | - | 1356 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 12280 | 534 | - | - | 135 | 10920 | 17306 | - | 41175 |
| Residential | - | - | 5959 | 209 | - | - | - | 8397 | 7816 | - | 22380 |
| Comm. and publ. services | - | - | 1087 | 314 | - | - | - | 160 | 7934 | - | 9495 |
| Agriculture/forestry | - | - | 5234 | 12 | - | - | - | 2363 | 1508 | - | 9117 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | 135 | - | 48 | - | 183 |
| NON-ENERGY USE | 156 | - | 12718 | 730 | - | - | - | - | - | - | 13604 |
| in industry/transf./energy | - | - | 12718 | 730 | - | - | - | - | - | - | 13448 |
| <i>of which: feedstocks</i> | - | - | 7905 | 730 | - | - | - | - | - | - | 8635 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | 156 | - | - | - | - | - | - | - | - | - | 156 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 10114 | - | 13767 | 15497 | 12350 | 374015 | 559 | 17401 | - | 1439 | 445142 |
| <i>Electricity plants</i> | 10114 | - | 13767 | 15497 | 12350 | 374015 | 559 | 17401 | - | 1439 | 445142 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | 15701 | 15701 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | 15701 | 15701 |

Brunei Darussalam

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-------------|------------|--------------------|-------------|---------|-------|----------------------|-------------------------|-------------|------|-------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | - | 11207 | - | 10583 | - | - | - | - | - | - | 21791 |
| Imports | - | - | 13 | - | - | - | - | - | - | - | 13 |
| Exports | - | -10536 | - | -8542 | - | - | - | - | - | - | -19078 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -79 | - | - | - | - | - | - | - | -79 |
| Stock changes | - | 77 | -7 | 10 | - | - | - | - | - | - | 79 |
| TPES | - | 748 | -73 | 2051 | - | - | - | - | - | - | 2727 |
| Electricity and CHP plants | - | - | -8 | -1148 | - | - | - | - | 284 | - | -872 |
| Petroleum refineries | - | -735 | 679 | - | - | - | - | - | - | - | -57 |
| Other transformation* | - | -13 | -153 | -891 | - | - | - | - | -25 | - | -1084 |
| TFC | - | - | 443 | 13 | - | - | - | - | 258 | - | 714 |
| INDUSTRY SECTOR | - | - | 59 | - | - | - | - | - | 48 | - | 107 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 59 | - | - | - | - | - | 48 | - | 107 |
| TRANSPORT SECTOR | - | - | 346 | - | - | - | - | - | - | - | 346 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 346 | - | - | - | - | - | - | - | 346 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 18 | 13 | - | - | - | - | 210 | - | 241 |
| Residential | - | - | 18 | 13 | - | - | - | - | 27 | - | 58 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 183 | - | 183 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 20 | - | - | - | - | - | - | - | 20 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 33 | 3265 | - | - | - | - | - | - | 3298 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|-------------------------------------|------------------|--------------|---------------------|-------------|-----------|-------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | 9919 | - | 10275 | - | - | - | - | - | - | 20194 |
| Imports | - | - | 8 | - | - | - | - | - | - | - | 8 |
| Exports | - | -9161 | - | -8246 | - | - | - | - | - | - | -17407 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -82 | - | - | - | - | - | - | - | -82 |
| Stock changes | - | 42 | 1 | 12 | - | - | - | - | - | - | 55 |
| TPES | - | 799 | -74 | 2042 | - | - | - | - | - | - | 2767 |
| Electricity and CHP plants | - | - | -8 | -1209 | - | - | - | - | 292 | - | -925 |
| Petroleum refineries | - | -733 | 695 | - | - | - | - | - | - | - | -38 |
| Other transformation* | - | -66 | -140 | -808 | - | - | - | - | -24 | - | -1038 |
| TFC | - | - | 472 | 26 | - | - | - | - | 268 | - | 766 |
| INDUSTRY SECTOR | - | - | 59 | - | - | - | - | - | 48 | - | 107 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 59 | - | - | - | - | - | 48 | - | 107 |
| TRANSPORT SECTOR | - | - | 378 | - | - | - | - | - | - | - | 378 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 378 | - | - | - | - | - | - | - | 378 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 19 | 26 | - | - | - | - | 220 | - | 265 |
| Residential | - | - | 19 | 26 | - | - | - | - | 29 | - | 74 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 191 | - | 191 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 16 | - | - | - | - | - | - | - | 16 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 33 | 3362 | - | - | - | - | - | - | 3395 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

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Figure 1. Energy production

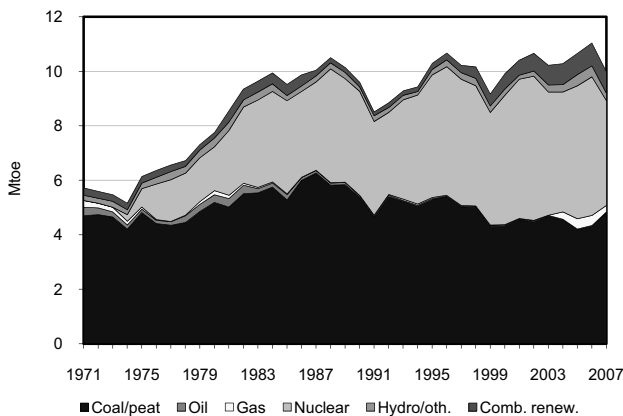


Figure 2. Total primary energy supply*

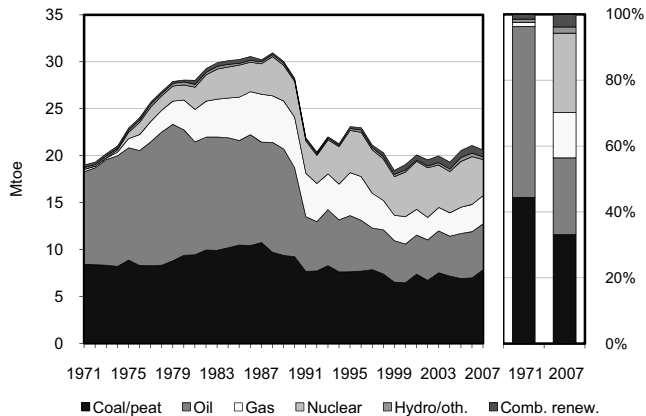


Figure 3. Energy self-sufficiency**

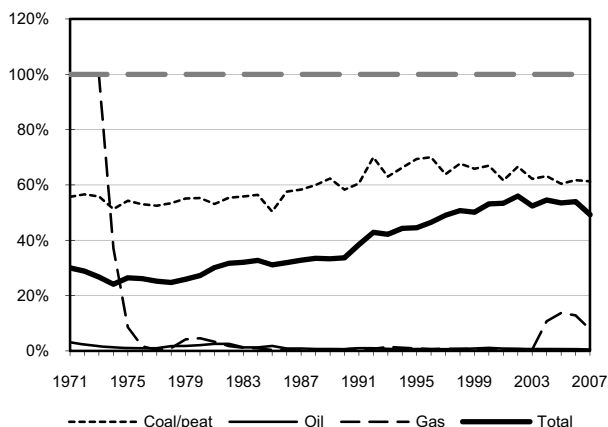


Figure 4. Oil products demand***

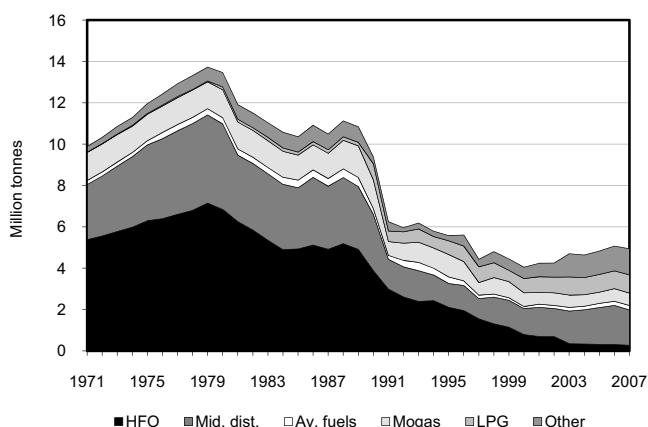


Figure 5. Electricity generation by fuel

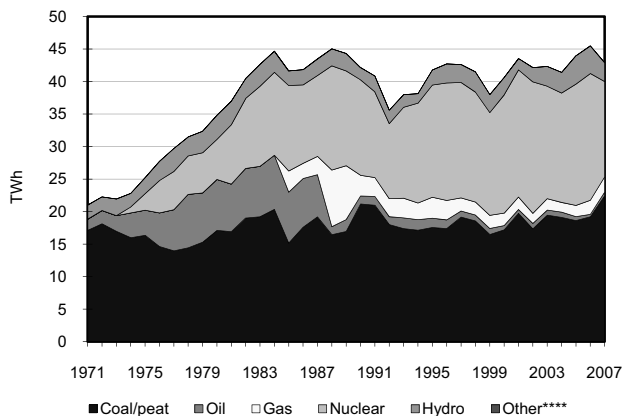
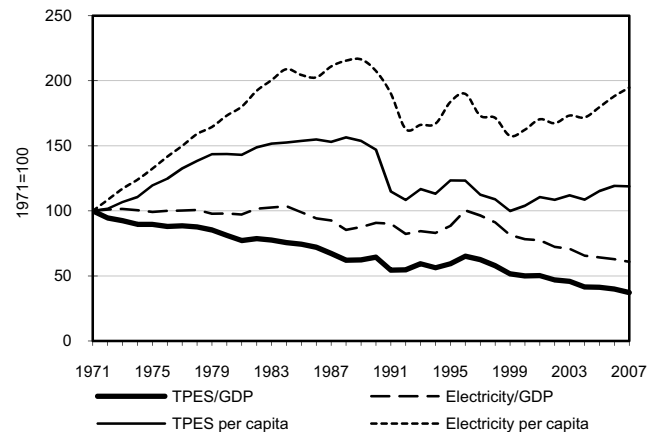


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Bulgaria / Bulgarie

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 4307 | 27 | - | 374 | 5094 | 364 | 34 | 836 | - | - | 11037 |
| Imports | 2460 | 7270 | 1637 | 2608 | - | - | - | - | 98 | - | 14073 |
| Exports | -3 | - | -3728 | - | - | - | - | -32 | -764 | - | -4526 |
| Intl. marine bunkers | - | - | -108 | - | - | - | - | - | - | - | -108 |
| Intl. aviation bunkers | - | - | -180 | - | - | - | - | - | - | - | -180 |
| Stock changes | 215 | -15 | 31 | -82 | - | - | - | -1 | - | - | 148 |
| TPES | 6980 | 7282 | -2348 | 2900 | 5094 | 364 | 34 | 803 | -666 | - | 20445 |
| Transfers | - | -71 | 82 | - | - | - | - | - | - | - | 11 |
| Statistical differences | 10 | 3 | -158 | -52 | - | - | - | - | -5 | - | -202 |
| Electricity plants | -4312 | - | -31 | -30 | -5080 | -364 | -2 | - | 3420 | - | -6399 |
| CHP plants | -1436 | - | -61 | -660 | -14 | - | - | -2 | 493 | 921 | -759 |
| Heat plants | - | - | -25 | -319 | - | - | - | -3 | - | 284 | -63 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -7452 | 7252 | - | - | - | - | - | - | - | -200 |
| Coal transformation | -308 | - | - | - | - | - | - | - | - | - | -308 |
| Liquefaction plants | - | 24 | - | - | - | - | - | - | - | - | 24 |
| Other transformation | - | 214 | -210 | -22 | - | - | - | - | - | - | -18 |
| Own use | -164 | - | -257 | -71 | - | - | - | - | -508 | -202 | -1202 |
| Distribution losses | - | - | - | -39 | - | - | - | - | -422 | -104 | -565 |
| TFC | 769 | 1 | 4243 | 1708 | - | - | 33 | 799 | 2312 | 899 | 10764 |
| INDUSTRY SECTOR | 506 | 1 | 815 | 932 | - | - | - | 135 | 863 | 318 | 3569 |
| Iron and steel | 222 | - | 2 | 267 | - | - | - | - | 167 | - | 658 |
| Chemical and petrochemical | 79 | - | 229 | 227 | - | - | - | 42 | 150 | 276 | 1002 |
| Non-ferrous metals | 33 | - | 36 | 17 | - | - | - | - | 72 | - | 157 |
| Non-metallic minerals | 102 | - | 314 | 187 | - | - | - | - | 75 | - | 679 |
| Transport equipment | - | - | 1 | 1 | - | - | - | - | 8 | - | 10 |
| Machinery | 3 | - | 14 | 34 | - | - | - | 1 | 68 | 2 | 122 |
| Mining and quarrying | 3 | - | 18 | 13 | - | - | - | - | 77 | 1 | 112 |
| Food and tobacco | 24 | 1 | 64 | 87 | - | - | - | 5 | 92 | 16 | 290 |
| Paper pulp and printing | - | - | 12 | 55 | - | - | - | 54 | 34 | 10 | 165 |
| Wood and wood products | - | - | 30 | - | - | - | - | 29 | 14 | - | 74 |
| Construction | 2 | - | 65 | 2 | - | - | - | - | 19 | 1 | 88 |
| Textile and leather | 2 | - | 27 | 35 | - | - | - | - | 51 | 9 | 125 |
| Non-specified | 37 | - | 4 | 8 | - | - | - | 2 | 36 | 1 | 88 |
| TRANSPORT SECTOR | - | - | 2529 | 253 | - | - | - | 8 | 36 | - | 2825 |
| Domestic aviation | - | - | 25 | - | - | - | - | - | - | - | 25 |
| Road | - | - | 2474 | 25 | - | - | - | 8 | - | - | 2508 |
| Rail | - | - | 30 | - | - | - | - | - | 34 | - | 63 |
| Pipeline transport | - | - | - | 228 | - | - | - | - | 2 | - | 230 |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 263 | - | 331 | 119 | - | - | 33 | 656 | 1414 | 582 | 3398 |
| Residential | 251 | - | 25 | 24 | - | - | - | 635 | 800 | 419 | 2155 |
| Comm. and publ. services | 6 | - | 65 | 63 | - | - | 33 | 18 | 597 | 162 | 944 |
| Agriculture/forestry | 6 | - | 241 | 32 | - | - | - | 3 | 17 | - | 299 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 569 | 403 | - | - | - | - | - | - | 972 |
| in industry/transf./energy | - | - | 569 | 403 | - | - | - | - | - | - | 972 |
| <i>of which: feedstocks</i> | - | - | 275 | 403 | - | - | - | - | - | - | 679 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 19206 | - | 379 | 2159 | 19493 | 4238 | 20 | 7 | - | - | 45502 |
| <i>Electricity plants</i> | 15751 | - | 125 | 138 | 19493 | 4238 | 20 | - | - | - | 39765 |
| <i>CHP plants</i> | 3455 | - | 254 | 2021 | - | - | - | 7 | - | - | 5737 |
| Heat generated - TJ | 21841 | - | 929 | 27009 | 585 | - | - | 93 | - | - | 50457 |
| <i>CHP plants</i> | 21841 | - | 141 | 15992 | 585 | - | - | 1 | - | - | 38560 |
| <i>Heat plants</i> | - | - | 788 | 11017 | - | - | - | 92 | - | - | 11897 |

Bulgaria / Bulgarie

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 4811 | 25 | - | 236 | 3836 | 247 | 37 | 780 | - | - | 9972 |
| Imports | 3064 | 7259 | 1626 | 2753 | - | - | - | - | 263 | - | 14965 |
| Exports | -1 | - | -3718 | - | - | - | - | -25 | -648 | - | -4392 |
| Intl. marine bunkers | - | - | -53 | - | - | - | - | - | - | - | -53 |
| Intl. aviation bunkers | - | - | -182 | - | - | - | - | - | - | - | -182 |
| Stock changes | -23 | -40 | -30 | 21 | - | - | - | -8 | - | - | -79 |
| TPES | 7851 | 7245 | -2357 | 3010 | 3836 | 247 | 37 | 746 | -385 | - | 20231 |
| Transfers | - | -74 | 82 | - | - | - | - | - | - | - | 8 |
| Statistical differences | - | -2 | -19 | -86 | - | - | - | - | -26 | 4 | -128 |
| Electricity plants | -5106 | - | -27 | -9 | -3816 | -247 | -4 | - | 3146 | - | -6063 |
| CHP plants | -1431 | - | -120 | -765 | -20 | - | - | -2 | 546 | 1029 | -762 |
| Heat plants | - | - | -26 | -203 | - | - | - | - | - | 217 | -11 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -7419 | 7034 | - | - | - | - | - | - | - | -385 |
| Coal transformation | -357 | - | - | - | - | - | - | - | - | - | -357 |
| Liquefaction plants | - | 28 | - | - | - | - | - | - | - | - | 28 |
| Other transformation | - | 223 | -219 | -25 | - | - | - | - | - | - | -21 |
| Own use | -148 | - | -236 | -71 | - | - | - | - | -538 | -297 | -1290 |
| Distribution losses | -3 | - | - | -45 | - | - | - | - | -404 | -139 | -589 |
| TFC | 807 | 1 | 4112 | 1807 | - | - | 33 | 745 | 2340 | 815 | 10659 |
| INDUSTRY SECTOR | 583 | 1 | 819 | 911 | - | - | - | 117 | 875 | 313 | 3619 |
| Iron and steel | 221 | - | 1 | 268 | - | - | - | - | 154 | - | 644 |
| Chemical and petrochemical | 70 | - | 270 | 168 | - | - | - | 27 | 155 | 282 | 974 |
| Non-ferrous metals | 37 | - | 20 | 16 | - | - | - | - | 73 | - | 147 |
| Non-metallic minerals | 168 | - | 316 | 210 | - | - | - | - | 85 | - | 779 |
| Transport equipment | - | - | 1 | 1 | - | - | - | - | 8 | - | 10 |
| Machinery | 3 | - | 12 | 32 | - | - | - | 1 | 73 | 2 | 122 |
| Mining and quarrying | 1 | - | 16 | 15 | - | - | - | - | 80 | 1 | 113 |
| Food and tobacco | 12 | 1 | 71 | 94 | - | - | - | 1 | 91 | 10 | 280 |
| Paper pulp and printing | - | - | 24 | 53 | - | - | - | 58 | 28 | 10 | 172 |
| Wood and wood products | - | - | 12 | 7 | - | - | - | 26 | 15 | - | 60 |
| Construction | 1 | - | 56 | 4 | - | - | - | - | 24 | 1 | 87 |
| Textile and leather | 1 | - | 18 | 34 | - | - | - | - | 53 | 7 | 113 |
| Non-specified | 68 | - | 3 | 7 | - | - | - | 3 | 36 | - | 118 |
| TRANSPORT SECTOR | - | - | 2437 | 299 | - | - | - | 4 | 34 | - | 2773 |
| Domestic aviation | - | - | 41 | - | - | - | - | - | - | - | 41 |
| Road | - | - | 2370 | 37 | - | - | - | 4 | - | - | 2411 |
| Rail | - | - | 25 | - | - | - | - | - | 32 | - | 58 |
| Pipeline transport | - | - | - | 262 | - | - | - | - | 2 | - | 264 |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 224 | - | 279 | 133 | - | - | 33 | 624 | 1431 | 502 | 3226 |
| Residential | 213 | - | 25 | 33 | - | - | - | 607 | 806 | 377 | 2062 |
| Comm. and publ. services | 3 | - | 48 | 67 | - | - | 33 | 15 | 606 | 124 | 896 |
| Agriculture/forestry | 8 | - | 206 | 32 | - | - | - | 2 | 18 | 1 | 268 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 577 | 464 | - | - | - | - | - | - | 1041 |
| in industry/transf./energy | - | - | 577 | 464 | - | - | - | - | - | - | 1041 |
| <i>of which: feedstocks</i> | - | - | 308 | 464 | - | - | - | - | - | - | 772 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 22463 | - | 568 | 2336 | 14643 | 2874 | 47 | 6 | - | - | 42937 |
| <i>Electricity plants</i> | 18883 | - | 98 | 39 | 14643 | 2874 | 47 | - | - | - | 36584 |
| <i>CHP plants</i> | 3580 | - | 470 | 2297 | - | - | - | 6 | - | - | 6353 |
| Heat generated - TJ | 27383 | - | 1350 | 22592 | 854 | - | - | 7 | - | - | 52186 |
| <i>CHP plants</i> | 27383 | - | 403 | 14440 | 854 | - | - | 1 | - | - | 43081 |
| <i>Heat plants</i> | - | - | 947 | 8152 | - | - | - | 6 | - | - | 9105 |

Cambodia / Cambodge

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-------------|-----------|--------------------|-----|---------|----------|----------------------|-------------------------|-------------|------|-------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | - | - | - | - | - | 4 | - | 3558 | - | - | 3562 |
| Imports | - | - | 1415 | - | - | - | - | - | 9 | - | 1425 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -27 | - | - | - | - | - | - | - | -27 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | - | 1389 | - | - | 4 | - | 3558 | 9 | - | 4960 |
| Electricity and CHP plants | - | - | -396 | - | - | -4 | - | -1 | 94 | - | -307 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | -14 | - | - | - | - | -140 | -17 | - | -171 |
| TFC | - | - | 979 | - | - | - | - | 3417 | 86 | - | 4481 |
| INDUSTRY SECTOR | - | - | 47 | - | - | - | - | - | 14 | - | 60 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 47 | - | - | - | - | - | 14 | - | 60 |
| TRANSPORT SECTOR | - | - | 394 | - | - | - | - | - | - | - | 394 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 391 | - | - | - | - | - | - | - | 391 |
| Other/non-specified | - | - | 3 | - | - | - | - | - | - | - | 3 |
| OTHER SECTORS | - | - | 538 | - | - | - | - | 3417 | 72 | - | 4027 |
| Residential | - | - | 436 | - | - | - | - | 3417 | 41 | - | 3894 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 32 | - | 32 |
| Agriculture/forestry | - | - | 102 | - | - | - | - | - | - | - | 102 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 1035 | - | - | 51 | - | 2 | - | - | 1088 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|-------------------------------------|------------------|--------------|---------------------|-----|-----------|----------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | - | - | - | - | 4 | - | 3620 | - | - | 3624 |
| Imports | - | - | 1525 | - | - | - | - | - | 14 | - | 1540 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -30 | - | - | - | - | - | - | - | -30 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | - | 1496 | - | - | 4 | - | 3620 | 14 | - | 5134 |
| Electricity and CHP plants | - | - | -495 | - | - | -4 | - | -2 | 116 | - | -385 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | -143 | -14 | - | -157 |
| TFC | - | - | 1000 | - | - | - | - | 3475 | 116 | - | 4592 |
| INDUSTRY SECTOR | - | - | 52 | - | - | - | - | - | 24 | - | 76 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 52 | - | - | - | - | - | 24 | - | 76 |
| TRANSPORT SECTOR | - | - | 392 | - | - | - | - | - | - | - | 392 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 389 | - | - | - | - | - | - | - | 389 |
| Other/non-specified | - | - | 3 | - | - | - | - | - | - | - | 3 |
| OTHER SECTORS | - | - | 556 | - | - | - | - | 3475 | 92 | - | 4123 |
| Residential | - | - | 444 | - | - | - | - | 3475 | 53 | - | 3972 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 39 | - | 39 |
| Agriculture/forestry | - | - | 112 | - | - | - | - | - | - | - | 112 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 1294 | - | - | 50 | - | 5 | - | - | 1349 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Cameroon / Cameroun

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|-----|---------|------------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | 4683 | - | - | - | 335 | - | 5253 | - | - | 10271 |
| Imports | - | 1729 | 356 | - | - | - | - | - | - | - | 2084 |
| Exports | - | -4568 | -975 | - | - | - | - | - | - | - | -5543 |
| Intl. marine bunkers | - | - | -43 | - | - | - | - | - | - | - | -43 |
| Intl. aviation bunkers | - | - | -44 | - | - | - | - | - | - | - | -44 |
| Stock changes | - | -17 | 15 | - | - | - | - | - | - | - | -2 |
| TPES | - | 1826 | -691 | - | - | 335 | - | 5253 | - | - | 6723 |
| Electricity and CHP plants | - | - | -136 | - | - | -335 | - | -145 | 439 | - | -176 |
| Petroleum refineries | - | -1939 | 1929 | - | - | - | - | - | - | - | -10 |
| Other transformation* | - | 113 | -245 | - | - | - | - | -210 | -75 | - | -417 |
| TFC | - | - | 857 | - | - | - | - | 4898 | 364 | - | 6120 |
| INDUSTRY SECTOR | - | - | 72 | - | - | - | - | 444 | 221 | - | 737 |
| Iron and steel | - | - | - | - | - | - | - | - | 2 | - | 2 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | 5 | - | 5 |
| Other/non-specified | - | - | 72 | - | - | - | - | 444 | 214 | - | 730 |
| TRANSPORT SECTOR | - | - | 623 | - | - | - | - | - | - | - | 623 |
| Domestic aviation | - | - | 26 | - | - | - | - | - | - | - | 26 |
| Road | - | - | 583 | - | - | - | - | - | - | - | 583 |
| Other/non-specified | - | - | 14 | - | - | - | - | - | - | - | 14 |
| OTHER SECTORS | - | - | 142 | - | - | - | - | 4455 | 143 | - | 4740 |
| Residential | - | - | 136 | - | - | - | - | 4441 | 69 | - | 4646 |
| Comm. and publ. services | - | - | 6 | - | - | - | - | 14 | 69 | - | 89 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 5 | - | 5 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 20 | - | - | - | - | - | - | - | 20 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 571 | - | - | 3892 | - | 643 | - | - | 5106 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|------------|-----------|------------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | 4527 | - | 346 | - | 331 | - | 4968 | - | - | 10173 |
| Imports | - | 1789 | 568 | - | - | - | - | - | - | - | 2356 |
| Exports | - | -4094 | -991 | - | - | - | - | - | - | - | -5085 |
| Intl. marine bunkers | - | - | -52 | - | - | - | - | - | - | - | -52 |
| Intl. aviation bunkers | - | - | -66 | - | - | - | - | - | - | - | -66 |
| Stock changes | - | -40 | 8 | - | - | - | - | - | - | - | -32 |
| TPES | - | 2183 | -534 | 346 | - | 331 | - | 4968 | - | - | 7294 |
| Electricity and CHP plants | - | - | -350 | -218 | - | -331 | - | - | 495 | - | -404 |
| Petroleum refineries | - | -2175 | 2186 | - | - | - | - | - | - | - | 11 |
| Other transformation* | - | -8 | -363 | -128 | - | - | - | -234 | -112 | - | -845 |
| TFC | - | - | 938 | - | - | - | - | 4734 | 383 | - | 6055 |
| INDUSTRY SECTOR | - | - | 77 | - | - | - | - | 597 | 257 | - | 931 |
| Iron and steel | - | - | - | - | - | - | - | - | 3 | - | 3 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | 7 | - | - | - | - | - | 2 | - | 8 |
| Other/non-specified | - | - | 70 | - | - | - | - | 597 | 252 | - | 920 |
| TRANSPORT SECTOR | - | - | 710 | - | - | - | - | - | - | - | 710 |
| Domestic aviation | - | - | 12 | - | - | - | - | - | - | - | 12 |
| Road | - | - | 678 | - | - | - | - | - | - | - | 678 |
| Other/non-specified | - | - | 20 | - | - | - | - | - | - | - | 20 |
| OTHER SECTORS | - | - | 137 | - | - | - | - | 4137 | 126 | - | 4400 |
| Residential | - | - | 133 | - | - | - | - | 4122 | 67 | - | 4322 |
| Comm. and publ. services | - | - | 3 | - | - | - | - | 15 | 55 | - | 74 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 4 | - | 4 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 15 | - | - | - | - | - | - | - | 15 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 1466 | 440 | - | 3847 | - | - | - | - | 5753 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Chile / Chili

Figure 1. Energy production

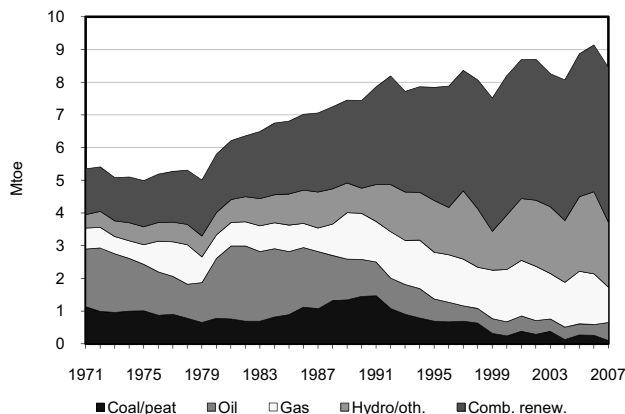


Figure 2. Total primary energy supply*

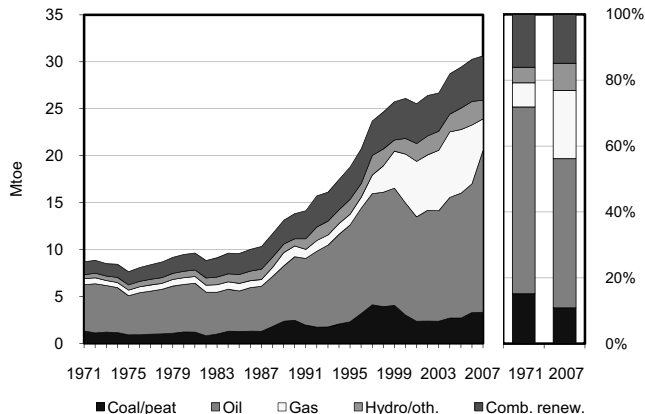


Figure 3. Energy self-sufficiency**

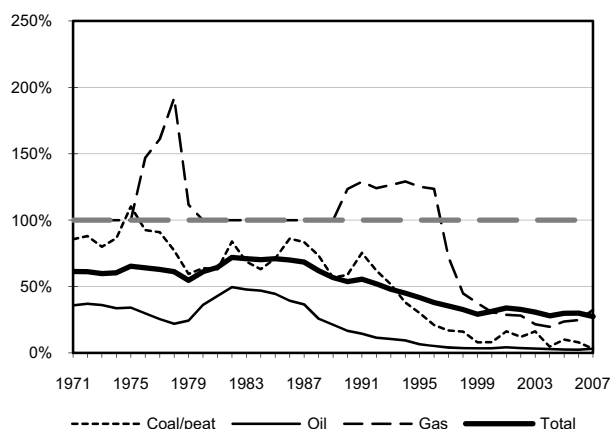


Figure 4. Oil products demand***

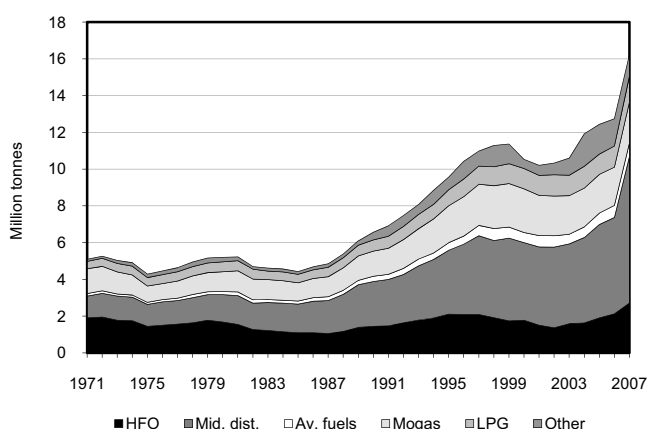


Figure 5. Electricity generation by fuel

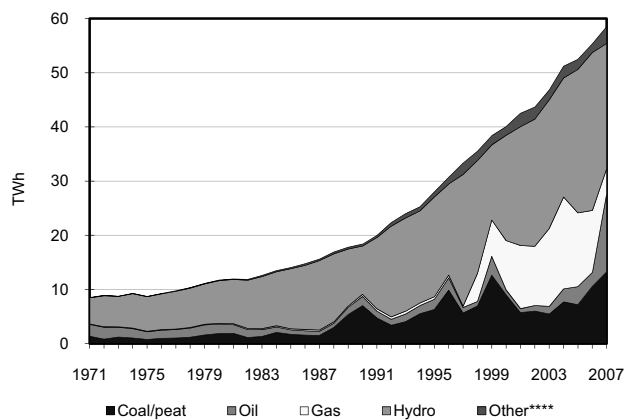
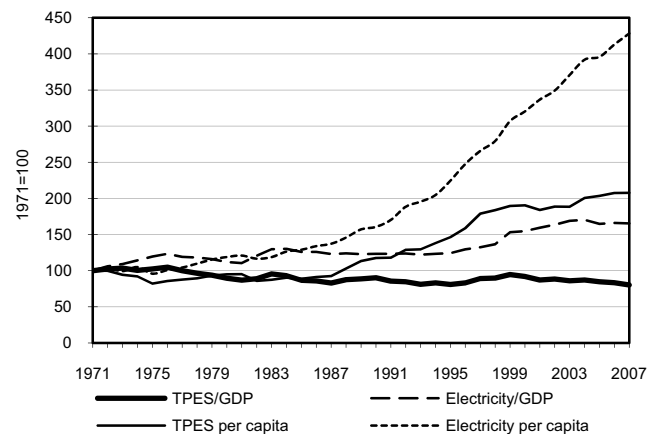


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Chile / Chili

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 263 | 334 | - | 1550 | - | 2505 | 1 | 4490 | - | - | 9143 |
| Imports | 3007 | 12033 | 4113 | 4823 | - | - | - | - | 197 | - | 24172 |
| Exports | -5 | - | -1998 | - | - | - | - | - | - | - | -2003 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -4 | - | - | - | - | - | - | - | -4 |
| Stock changes | 27 | -47 | -713 | -116 | - | - | - | - | - | - | -848 |
| TPES | 3292 | 12320 | 1398 | 6258 | - | 2505 | 1 | 4490 | 197 | - | 30460 |
| Transfers | - | -180 | 199 | - | - | - | - | - | - | - | 19 |
| Statistical differences | 137 | 10 | -15 | - | - | - | - | - | - | - | 131 |
| Electricity plants | -2364 | - | -768 | -2027 | - | -2505 | -1 | - | 4758 | - | -2907 |
| CHP plants | - | - | - | - | - | - | - | -478 | - | - | -478 |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | -3 | -11 | - | - | - | - | - | - | -14 |
| Petroleum refineries | - | -12150 | 11514 | - | - | - | - | - | - | - | -636 |
| Coal transformation | - | - | -12 | - | - | - | - | - | - | - | -12 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -89 | - | -900 | -431 | - | - | - | - | -163 | - | -1583 |
| Distribution losses | - | - | - | - | - | - | - | - | -422 | - | -422 |
| TFC | 976 | - | 11413 | 3789 | - | - | - | 4011 | 4369 | - | 24559 |
| INDUSTRY SECTOR | 958 | - | 2458 | 658 | - | - | - | 1239 | 2950 | - | 8262 |
| Iron and steel | 376 | - | 18 | 9 | - | - | - | - | 63 | - | 467 |
| Chemical and petrochemical | - | - | 3 | 8 | - | - | - | - | 53 | - | 64 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 232 | - | 58 | 11 | - | - | - | - | 51 | - | 352 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | 105 | - | 1227 | 149 | - | - | - | - | 1590 | - | 3072 |
| Food and tobacco | - | - | - | - | - | - | - | - | - | - | - |
| Paper pulp and printing | - | - | 154 | 124 | - | - | - | 880 | 428 | - | 1586 |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 245 | - | 998 | 356 | - | - | - | 359 | 764 | - | 2721 |
| TRANSPORT SECTOR | - | - | 7641 | 32 | - | - | - | - | 28 | - | 7701 |
| Domestic aviation | - | - | 701 | - | - | - | - | - | - | - | 701 |
| Road | - | - | 5231 | 32 | - | - | - | - | - | - | 5263 |
| Rail | - | - | 19 | - | - | - | - | - | 28 | - | 46 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 1691 | - | - | - | - | - | - | - | 1691 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 18 | - | 1162 | 500 | - | - | - | 2773 | 1392 | - | 5844 |
| Residential | - | - | 887 | 360 | - | - | - | 2773 | 735 | - | 4755 |
| Comm. and publ. services | 4 | - | 207 | 118 | - | - | - | - | 641 | - | 971 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Fishing | 14 | - | 67 | 22 | - | - | - | - | 16 | - | 119 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 152 | 2600 | - | - | - | - | - | - | 2752 |
| in industry/transf./energy | - | - | 152 | 2600 | - | - | - | - | - | - | 2752 |
| <i>of which: feedstocks</i> | - | - | - | 2600 | - | - | - | - | - | - | 2600 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 10599 | - | 2558 | 11438 | - | 29129 | 7 | 1589 | - | - | 55320 |
| <i>Electricity plants</i> | 10599 | - | 2558 | 11438 | - | 29129 | 7 | 1589 | - | - | 55320 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Chile / Chili

2007

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|-------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 104 | 549 | - | 1082 | - | 1989 | 1 | 4731 | - | - | 8455 |
| Imports | 4043 | 11679 | 7176 | 2338 | - | - | - | - | 140 | - | 25375 |
| Exports | -31 | - | -1215 | - | - | - | - | - | - | - | -1246 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | -798 | -483 | -445 | -69 | - | - | - | - | - | - | -1794 |
| TPES | 3318 | 11745 | 5517 | 3351 | - | 1989 | 1 | 4731 | 140 | - | 30790 |
| Transfers | - | -414 | 456 | - | - | - | - | - | - | - | 43 |
| Statistical differences | 46 | 10 | - | - | - | - | - | - | - | - | 56 |
| Electricity plants | -2607 | - | -3137 | -918 | - | -1989 | -1 | - | 5025 | - | -3627 |
| CHP plants | - | - | - | - | - | - | - | -493 | 7 | - | -486 |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | -58 | 8 | - | - | - | - | - | - | -50 |
| Petroleum refineries | - | -11341 | 10726 | - | - | - | - | - | - | - | -615 |
| Coal transformation | 48 | - | -15 | - | - | - | - | - | - | - | 33 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -155 | - | -717 | -116 | - | - | - | - | -187 | - | -1176 |
| Distribution losses | - | - | - | - | - | - | - | - | -424 | - | -424 |
| TFC | 651 | - | 12772 | 2324 | - | - | - | 4238 | 4561 | - | 24545 |
| INDUSTRY SECTOR | 640 | - | 3156 | 226 | - | - | - | 1451 | 3080 | - | 8554 |
| Iron and steel | 322 | - | 20 | 12 | - | - | - | - | 58 | - | 412 |
| Chemical and petrochemical | - | - | 3 | 1 | - | - | - | - | 51 | - | 55 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 176 | - | 60 | 1 | - | - | - | - | 50 | - | 288 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | 61 | - | 1433 | 59 | - | - | - | - | 1682 | - | 3235 |
| Food and tobacco | - | - | - | - | - | - | - | - | - | - | - |
| Paper pulp and printing | 1 | - | 253 | 81 | - | - | - | 1080 | 459 | - | 1873 |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 81 | - | 1388 | 72 | - | - | - | 371 | 779 | - | 2691 |
| TRANSPORT SECTOR | - | - | 8162 | 23 | - | - | - | - | 35 | - | 8220 |
| Domestic aviation | - | - | 791 | - | - | - | - | - | - | - | 791 |
| Road | - | - | 5591 | 23 | - | - | - | - | - | - | 5614 |
| Rail | - | - | 20 | - | - | - | - | - | 35 | - | 55 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 1760 | - | - | - | - | - | - | - | 1760 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 11 | - | 1297 | 544 | - | - | - | 2787 | 1445 | - | 6084 |
| Residential | - | - | 945 | 400 | - | - | - | 2787 | 766 | - | 4897 |
| Comm. and publ. services | 4 | - | 241 | 133 | - | - | - | - | 659 | - | 1037 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Fishing | 7 | - | 111 | 11 | - | - | - | - | 21 | - | 149 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 157 | 1531 | - | - | - | - | - | - | 1688 |
| in industry/transf./energy | - | - | 157 | 1531 | - | - | - | - | - | - | 1688 |
| <i>of which: feedstocks</i> | - | - | - | 1531 | - | - | - | - | - | - | 1531 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 13259 | - | 14399 | 4630 | - | 23130 | 9 | 3082 | - | - | 58509 |
| <i>Electricity plants</i> | 13259 | - | 14399 | 4630 | - | 23130 | 9 | 3002 | - | - | 58429 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | 80 | - | - | 80 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

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Figure 1. Energy production

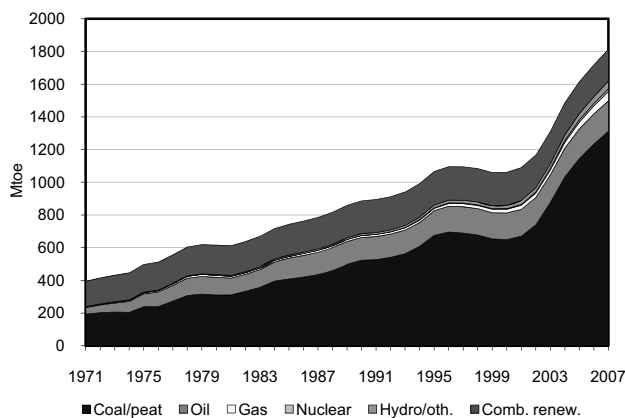


Figure 2. Total primary energy supply*

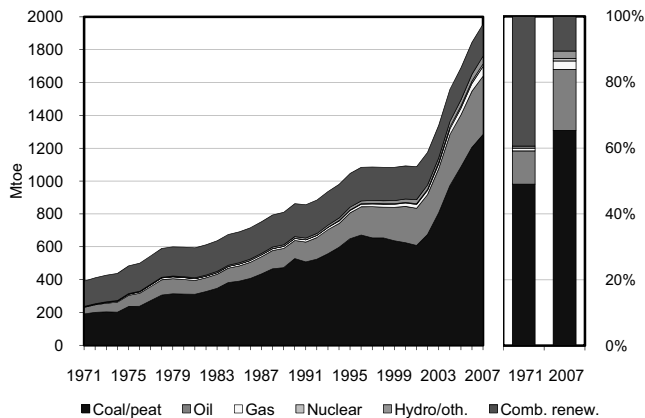


Figure 3. Energy self-sufficiency**

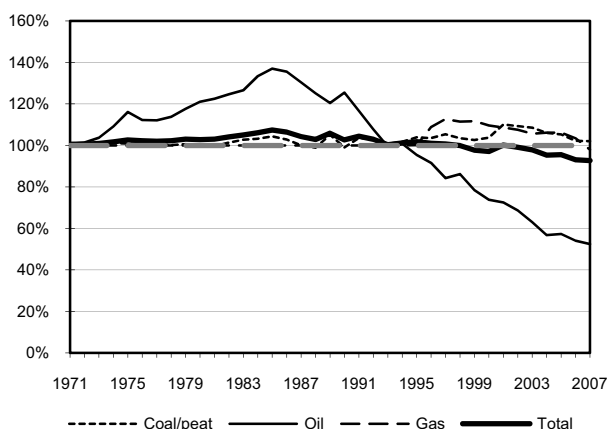


Figure 4. Oil products demand***

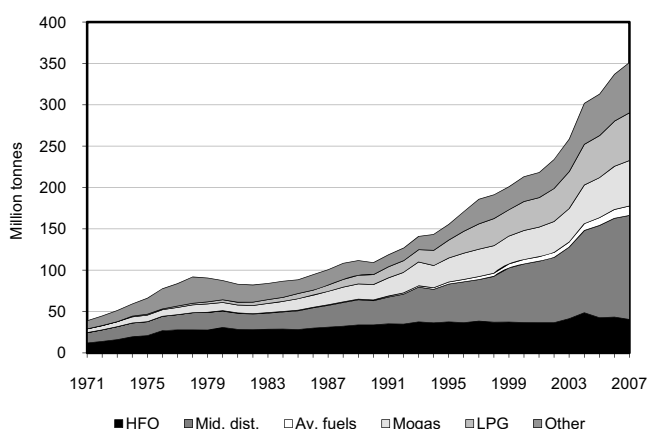


Figure 5. Electricity generation by fuel

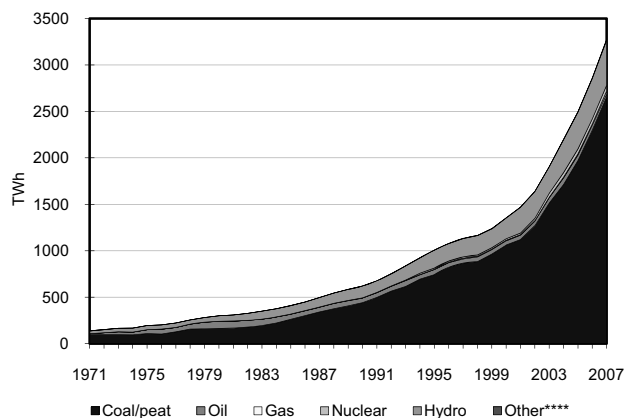
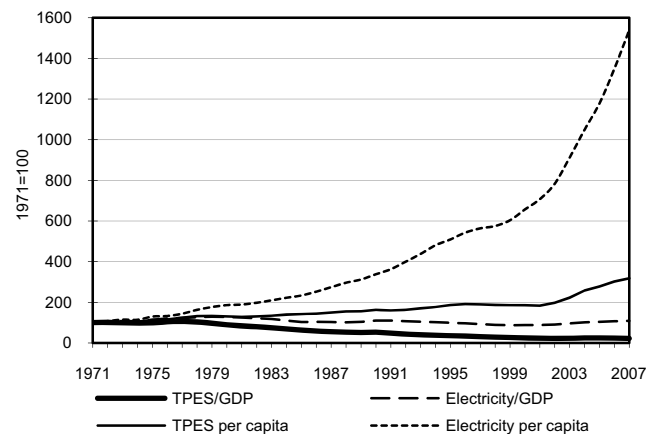


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

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| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|--------------|------------------|---------------|-------------------------------|---------------------------------|--------------------|----------------|----------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 1234447 | 184852 | - | 48987 | 14292 | 37478 | 3781 | 194594 | - | - | 1718431 |
| Imports | 20566 | 145175 | 45059 | 795 | - | - | - | - | 463 | - | 212058 |
| Exports | -51025 | -6337 | -15338 | -2425 | - | - | - | - | -1055 | - | -76180 |
| Intl. marine bunkers | - | - | -8150 | - | - | - | - | - | - | - | -8150 |
| Intl. aviation bunkers | - | - | -2467 | - | - | - | - | - | - | - | -2467 |
| Stock changes | 2990 | -1111 | -153 | - | - | - | - | - | - | - | 1726 |
| TPES | 1206978 | 322579 | 18951 | 47357 | 14292 | 37478 | 3781 | 194594 | -592 | - | 1845417 |
| Transfers | - | -86 | 101 | - | - | - | - | - | - | - | 15 |
| Statistical differences | 12596 | -1826 | 359 | -1315 | - | - | - | - | - | - | 9814 |
| Electricity plants | -607899 | -229 | -12728 | -3142 | -14292 | -37478 | -342 | -802 | 246322 | - | -430590 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | -77278 | -8 | -3077 | -1783 | - | - | - | -469 | - | 58939 | -23676 |
| Gas works | -6678 | - | -134 | 4824 | - | - | - | - | - | - | -1989 |
| Petroleum refineries | - | -310460 | 303259 | - | - | - | - | - | - | - | -7201 |
| Coal transformation | -88786 | - | - | - | - | - | - | - | - | - | -88786 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -46636 | -5654 | -17568 | -7400 | - | - | - | - | -30860 | -9958 | -118076 |
| Distribution losses | - | - | -19 | -1079 | - | - | - | - | -15624 | -712 | -17434 |
| TFC | 392296 | 4316 | 289144 | 37461 | - | - | 3440 | 193324 | 199246 | 48268 | 1167494 |
| INDUSTRY SECTOR | 299048 | 2817 | 38530 | 16175 | - | - | - | 136363 | 32354 | 32354 | 525287 |
| Iron and steel | 118044 | - | 2795 | 1028 | - | - | - | - | 26108 | 3873 | 151848 |
| Chemical and petrochemical | 30592 | - | 6071 | 8925 | - | - | - | - | 24431 | 13820 | 83838 |
| Non-ferrous metals | 8642 | - | 1633 | 856 | - | - | - | - | 15718 | 2083 | 28932 |
| Non-metallic minerals | 84899 | - | 9735 | 2540 | - | - | - | - | 14394 | 168 | 111736 |
| Transport equipment | 3335 | - | 1023 | 525 | - | - | - | - | 2968 | 709 | 8560 |
| Machinery | 10448 | - | 3767 | 1508 | - | - | - | - | 16208 | 1080 | 33010 |
| Mining and quarrying | 3764 | - | 1165 | 165 | - | - | - | - | 5004 | 379 | 10478 |
| Food and tobacco | 11801 | - | 1529 | 225 | - | - | - | - | 4760 | 2475 | 20790 |
| Paper pulp and printing | 8539 | - | 759 | 76 | - | - | - | - | 4418 | 2731 | 16523 |
| Wood and wood products | 1871 | - | 261 | 16 | - | - | - | - | 1339 | 164 | 3651 |
| Construction | 3087 | - | 4626 | 139 | - | - | - | - | 2331 | 118 | 10301 |
| Textile and leather | 9383 | - | 1587 | 64 | - | - | - | - | 10356 | 4234 | 25624 |
| Non-specified | 4644 | 2817 | 3578 | 109 | - | - | - | - | 8328 | 521 | 19998 |
| TRANSPORT SECTOR | 3626 | - | 118396 | 61 | - | - | - | 1008 | 1934 | - | 125025 |
| Domestic aviation | - | - | 8546 | - | - | - | - | - | - | - | 8546 |
| Road | - | - | 84529 | 50 | - | - | - | - | 1008 | - | 85588 |
| Rail | 3625 | - | 9856 | - | - | - | - | - | - | 1934 | 15415 |
| Pipeline transport | - | - | 5298 | 11 | - | - | - | - | - | - | 5308 |
| Domestic navigation | 1 | - | 10167 | - | - | - | - | - | - | - | 10168 |
| Non-specified | 1 | - | - | - | - | - | - | - | - | - | 1 |
| OTHER SECTORS | 65984 | 199 | 64909 | 13993 | - | - | 3440 | 192316 | 60949 | 15914 | 417704 |
| Residential | 44513 | - | 19448 | 11058 | - | - | - | 192316 | 27964 | 13599 | 308898 |
| Comm. and publ. services | 5284 | - | 22847 | 2936 | - | - | - | - | 11127 | 1046 | 43239 |
| Agriculture/forestry | 12230 | - | 22614 | - | - | - | - | - | 8145 | 21 | 43009 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 3958 | 199 | - | - | - | - | 3440 | - | 13714 | 1248 | 22558 |
| NON-ENERGY USE | 23637 | 1300 | 67309 | 7233 | - | - | - | - | - | - | 99478 |
| in industry/transf./energy | 23637 | 1300 | 67309 | 7233 | - | - | - | - | - | - | 99478 |
| of which: feedstocks | - | 1300 | 34802 | 7233 | - | - | - | - | - | - | 43335 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 2301586 | - | 51469 | 14217 | 54843 | 435786 | 3973 | 2331 | - | - | 2864205 |
| <i>Electricity plants</i> | 2301586 | - | 51469 | 14217 | 54843 | 435786 | 3973 | 2331 | - | - | 2864205 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | 2279447 | - | 109682 | 67219 | - | - | - | 11771 | - | - | 2468119 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | 2279447 | - | 109682 | 67219 | - | - | - | 11771 | - | - | 2468119 |

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2007

Thousand tonnes of oil equivalent / Milliers de tonnes d'équivalent pétrole

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|------------------|---------------|---------------------|--------------|--------------|---------------|------------------------|-------------------------|---------------|--------------|----------------|
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | 1312152 | 186419 | - | 57928 | 16191 | 41733 | 5061 | 194496 | - | - | 1813979 |
| Imports | 27784 | 163160 | 42661 | 3363 | - | - | - | - | 366 | - | 237334 |
| Exports | -45173 | -3884 | -18104 | -2175 | - | - | - | - | -1253 | - | -70589 |
| Intl. marine bunkers | - | - | -8962 | - | - | - | - | - | - | - | -8962 |
| Intl. aviation bunkers | - | - | -2232 | - | - | - | - | - | - | - | -2232 |
| Stock changes | -9694 | -5244 | 1174 | - | - | - | - | - | - | - | -13764 |
| TPES | 1285068 | 340451 | 14537 | 59116 | 16191 | 41733 | 5061 | 194496 | -887 | - | 1955766 |
| Transfers | - | -101 | 119 | - | - | - | - | - | - | - | 18 |
| Statistical differences | 30741 | -1819 | 175 | -813 | - | - | - | - | - | - | 28283 |
| Electricity plants | -668844 | -159 | -8287 | -6750 | -16191 | -41733 | -766 | -794 | 282014 | - | -461510 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | -79509 | -6 | -2758 | -1659 | - | - | - | -464 | - | 61754 | -22641 |
| Gas works | -7434 | - | -50 | 4727 | - | - | - | - | - | - | -2757 |
| Petroleum refineries | - | -328326 | 321756 | - | - | - | - | - | - | - | -6570 |
| Coal transformation | -97724 | - | - | - | - | - | - | - | - | - | -97724 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -50972 | -5695 | -17182 | -8744 | - | - | - | - | -34112 | -9349 | -126054 |
| Distribution losses | - | - | -19 | -929 | - | - | - | - | -16877 | -758 | -18584 |
| TFC | 411325 | 4345 | 308290 | 44948 | - | - | 4295 | 193238 | 230138 | 51646 | 1248225 |
| INDUSTRY SECTOR | 318463 | 2837 | 37205 | 18882 | - | - | - | 160618 | 35206 | 35206 | 573211 |
| Iron and steel | 130236 | - | 2697 | 1189 | - | - | - | - | 31972 | 4382 | 170476 |
| Chemical and petrochemical | 33496 | - | 5551 | 10218 | - | - | - | - | 28176 | 14989 | 92430 |
| Non-ferrous metals | 9122 | - | 1581 | 960 | - | - | - | - | 20942 | 2125 | 34729 |
| Non-metallic minerals | 86402 | - | 9564 | 3142 | - | - | - | - | 16205 | 230 | 115544 |
| Transport equipment | 3439 | - | 938 | 604 | - | - | - | - | 3647 | 654 | 9282 |
| Machinery | 10955 | - | 3562 | 1845 | - | - | - | - | 18994 | 1129 | 36485 |
| Mining and quarrying | 4078 | - | 1060 | 192 | - | - | - | - | 5927 | 398 | 11654 |
| Food and tobacco | 12530 | - | 1424 | 250 | - | - | - | - | 5453 | 2614 | 22269 |
| Paper pulp and printing | 8584 | - | 717 | 87 | - | - | - | - | 4452 | 2829 | 16670 |
| Wood and wood products | 1884 | - | 247 | 19 | - | - | - | - | 1558 | 176 | 3883 |
| Construction | 3008 | - | 4668 | 175 | - | - | - | - | 2657 | 142 | 10650 |
| Textile and leather | 9929 | - | 1499 | 76 | - | - | - | - | 11548 | 5038 | 28089 |
| Non-specified | 4802 | 2837 | 3699 | 126 | - | - | - | - | 9087 | 501 | 21051 |
| TRANSPORT SECTOR | 3323 | - | 132179 | 68 | - | - | - | 1109 | 2371 | - | 139049 |
| Domestic aviation | - | - | 9572 | - | - | - | - | - | - | - | 9572 |
| Road | - | - | 93471 | 56 | - | - | - | - | 1109 | - | 94636 |
| Rail | 3321 | - | 10921 | - | - | - | - | - | - | 2371 | 16612 |
| Pipeline transport | - | - | 6318 | 12 | - | - | - | - | - | - | 6330 |
| Domestic navigation | 1 | - | 11898 | - | - | - | - | - | - | - | 11898 |
| Non-specified | 1 | - | - | - | - | - | - | - | - | - | 1 |
| OTHER SECTORS | 64368 | 199 | 66292 | 17625 | - | - | 4295 | 192129 | 67149 | 16441 | 428497 |
| Residential | 42743 | - | 21590 | 13827 | - | - | - | 192129 | 31155 | 13776 | 315220 |
| Comm. and publ. services | 5136 | - | 22938 | 3798 | - | - | - | - | 12125 | 1139 | 45137 |
| Agriculture/forestry | 12387 | - | 21764 | - | - | - | - | - | 8419 | 28 | 42597 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 4102 | 199 | - | - | - | - | - | 4295 | 15450 | 1497 | 25543 |
| NON-ENERGY USE | 25172 | 1309 | 72614 | 8372 | - | - | - | - | - | - | 107467 |
| in industry/transf./energy | 25172 | 1309 | 72614 | 8372 | - | - | - | - | - | - | 107467 |
| of which: feedstocks | - | 1309 | 36721 | 8372 | - | - | - | - | - | - | 46402 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 2656434 | - | 33650 | 30539 | 62130 | 485264 | 8906 | 2310 | - | - | 3279233 |
| Electricity plants | 2656434 | - | 33650 | 30539 | 62130 | 485264 | 8906 | 2310 | - | - | 3279233 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | 2413239 | - | 98593 | 62532 | - | - | - | 11663 | - | - | 2586027 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | 2413239 | - | 98593 | 62532 | - | - | - | 11663 | - | - | 2586027 |

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Figure 1. Energy production

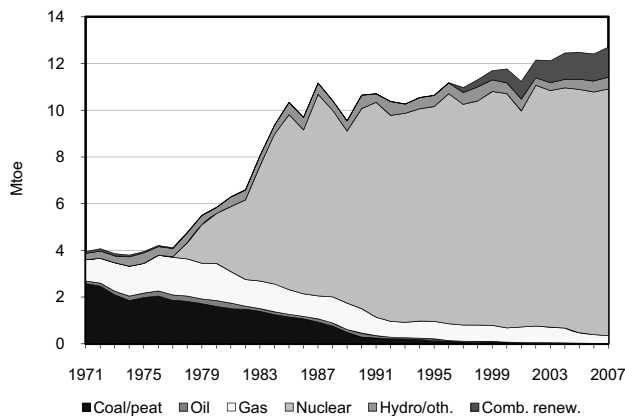


Figure 2. Total primary energy supply*

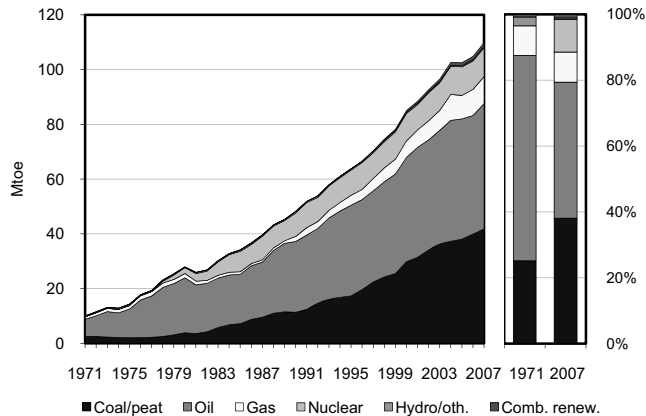


Figure 3. Energy self-sufficiency**

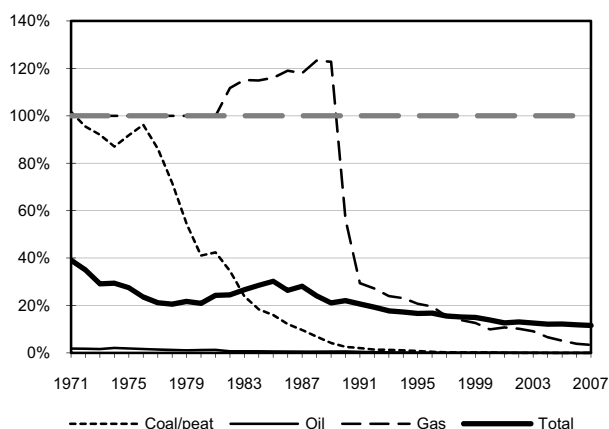


Figure 4. Oil products demand***

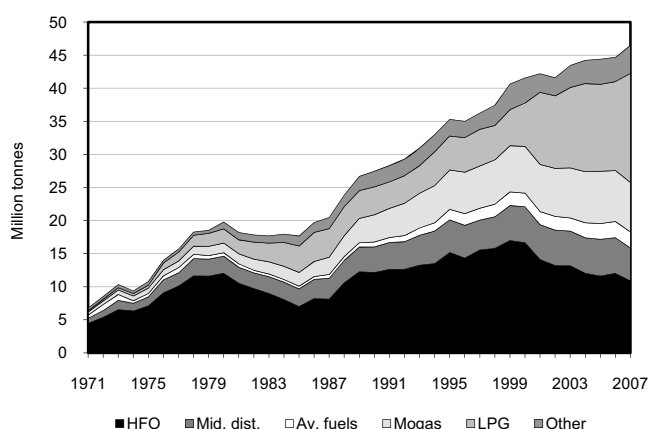


Figure 5. Electricity generation by fuel

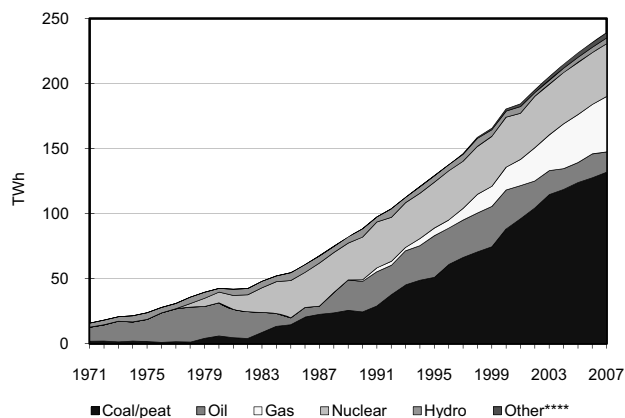
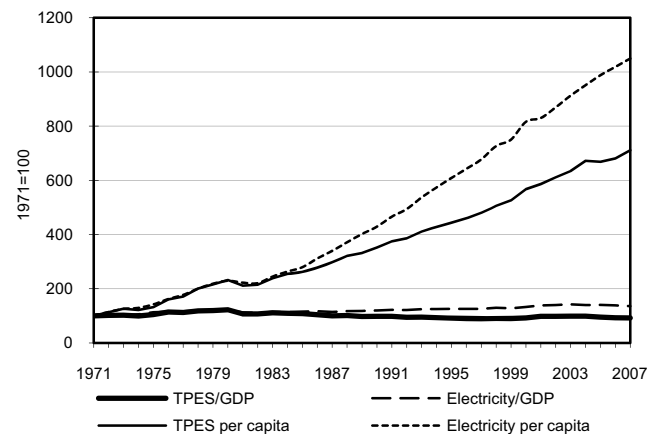


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

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2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | - | 21 | - | 371 | 10390 | 352 | 116 | 1159 | - | - | 12409 |
| Imports | 39973 | 53076 | 11089 | 9054 | - | - | - | - | - | - | 113192 |
| Exports | -13 | - | -14826 | - | - | - | - | - | - | - | -14839 |
| Intl. marine bunkers | - | - | -2315 | - | - | - | - | - | - | - | -2315 |
| Intl. aviation bunkers | - | - | -2269 | - | - | - | - | - | - | - | -2269 |
| Stock changes | 3 | -298 | -1166 | 123 | - | - | - | - | - | - | -1338 |
| TPES | 39962 | 52799 | -9487 | 9547 | 10390 | 352 | 116 | 1159 | - | - | 104839 |
| Transfers | - | - | -830 | - | - | - | - | - | - | - | -830 |
| Statistical differences | -421 | 321 | -532 | -504 | - | - | - | - | 19 | - | -1117 |
| Electricity plants | -22413 | - | -3153 | -6815 | -10390 | -352 | -24 | -1146 | 16561 | - | -27732 |
| CHP plants | -7784 | - | -1244 | -144 | - | - | - | - | 3353 | - | -5819 |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -53120 | 52515 | - | - | - | - | - | - | - | -606 |
| Coal transformation | -1411 | - | - | - | - | - | - | - | - | - | -1411 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -1777 | - | -2611 | -276 | - | - | - | - | -1425 | - | -6089 |
| Distribution losses | -53 | - | - | - | - | - | - | - | -820 | - | -873 |
| TFC | 6104 | - | 34657 | 1808 | - | - | 92 | 13 | 17688 | - | 60363 |
| INDUSTRY SECTOR | 5877 | - | 5018 | 811 | - | - | - | - | 9759 | - | 21464 |
| Iron and steel | 1335 | - | 567 | 202 | - | - | - | - | 1189 | - | 3293 |
| Chemical and petrochemical | 2655 | - | 1987 | 139 | - | - | - | - | 3030 | - | 7811 |
| Non-ferrous metals | - | - | 91 | 19 | - | - | - | - | 93 | - | 203 |
| Non-metallic minerals | 1600 | - | 412 | 217 | - | - | - | - | 449 | - | 2676 |
| Transport equipment | - | - | 38 | 87 | - | - | - | - | 185 | - | 311 |
| Machinery | - | - | 239 | 99 | - | - | - | - | 3139 | - | 3477 |
| Mining and quarrying | - | - | 36 | - | - | - | - | - | 32 | - | 67 |
| Food and tobacco | - | - | 328 | 7 | - | - | - | - | 298 | - | 633 |
| Paper pulp and printing | 252 | - | 217 | 6 | - | - | - | - | 361 | - | 836 |
| Wood and wood products | - | - | 6 | - | - | - | - | - | 40 | - | 46 |
| Construction | - | - | 77 | - | - | - | - | - | 46 | - | 124 |
| Textile and leather | 35 | - | 859 | 35 | - | - | - | - | 632 | - | 1561 |
| Non-specified | - | - | 161 | - | - | - | - | - | 264 | - | 426 |
| TRANSPORT SECTOR | - | - | 12645 | - | - | - | - | - | 47 | - | 12693 |
| Domestic aviation | - | - | 183 | - | - | - | - | - | - | - | 183 |
| Road | - | - | 12105 | - | - | - | - | - | - | - | 12105 |
| Rail | - | - | 31 | - | - | - | - | - | 47 | - | 78 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 326 | - | - | - | - | - | - | - | 326 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 2890 | 997 | - | - | 92 | 13 | 7882 | - | 11874 |
| Residential | - | - | 1181 | 745 | - | - | 89 | - | 3652 | - | 5667 |
| Comm. and publ. services | - | - | 1035 | 239 | - | - | 3 | - | 2468 | - | 3745 |
| Agriculture/forestry | - | - | 4 | - | - | - | - | - | 133 | - | 137 |
| Fishing | - | - | 542 | - | - | - | - | - | 91 | - | 632 |
| Non-specified | - | - | 128 | 14 | - | - | - | 13 | 1538 | - | 1693 |
| NON-ENERGY USE | 228 | - | 14104 | - | - | - | - | - | - | - | 14332 |
| in industry/transf./energy | 228 | - | 14104 | - | - | - | - | - | - | - | 14332 |
| <i>of which: feedstocks</i> | - | - | 12242 | - | - | - | - | - | - | - | 12242 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 127566 | - | 18417 | 38002 | 39870 | 4088 | 278 | 3333 | - | - | 231554 |
| <i>Electricity plants</i> | 93199 | - | 14508 | 37292 | 39870 | 4088 | 278 | 3333 | - | - | 192568 |
| <i>CHP plants</i> | 34367 | - | 3909 | 710 | - | - | - | - | - | - | 38986 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

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2007

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | - | 16 | - | 334 | 10565 | 380 | 133 | 1281 | - | - | 12709 |
| Imports | 41904 | 52651 | 15100 | 9665 | - | - | - | - | - | - | 119320 |
| Exports | -7 | - | -17736 | - | - | - | - | - | - | - | -17744 |
| Intl. marine bunkers | - | - | -2073 | - | - | - | - | - | - | - | -2073 |
| Intl. aviation bunkers | - | - | -2241 | - | - | - | - | - | - | - | -2241 |
| Stock changes | -110 | 234 | -115 | -122 | - | - | - | - | - | - | -112 |
| TPES | 41787 | 52901 | -7065 | 9877 | 10565 | 380 | 133 | 1281 | - | - | 109859 |
| Transfers | - | - | -641 | - | - | - | - | - | - | - | -641 |
| Statistical differences | -330 | -156 | -405 | 14 | - | - | - | - | 1 | - | -875 |
| Electricity plants | -22825 | - | -2682 | -7571 | -10565 | -380 | -38 | -1269 | 17077 | - | -28253 |
| CHP plants | -8305 | - | -1213 | -145 | - | - | - | - | 3493 | - | -6170 |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -52745 | 52061 | - | - | - | - | - | - | - | -685 |
| Coal transformation | -1742 | - | - | - | - | - | - | - | - | - | -1742 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -1785 | - | -2342 | -330 | - | - | - | - | -1457 | - | -5914 |
| Distribution losses | -16 | - | - | - | - | - | - | - | -825 | - | -840 |
| TFC | 6784 | - | 37712 | 1845 | - | - | 95 | 13 | 18289 | - | 64739 |
| INDUSTRY SECTOR | 6478 | - | 4800 | 836 | - | - | - | - | 10265 | - | 22379 |
| Iron and steel | 1343 | - | 503 | 204 | - | - | - | - | 1224 | - | 3274 |
| Chemical and petrochemical | 3361 | - | 1977 | 140 | - | - | - | - | 3254 | - | 8732 |
| Non-ferrous metals | - | - | 91 | 20 | - | - | - | - | 96 | - | 206 |
| Non-metallic minerals | 1482 | - | 400 | 211 | - | - | - | - | 451 | - | 2544 |
| Transport equipment | - | - | 36 | 93 | - | - | - | - | 195 | - | 324 |
| Machinery | - | - | 214 | 119 | - | - | - | - | 3368 | - | 3701 |
| Mining and quarrying | - | - | 37 | - | - | - | - | - | 31 | - | 68 |
| Food and tobacco | - | - | 306 | 7 | - | - | - | - | 299 | - | 612 |
| Paper pulp and printing | 244 | - | 224 | 6 | - | - | - | - | 360 | - | 835 |
| Wood and wood products | - | - | 6 | - | - | - | - | - | 40 | - | 46 |
| Construction | - | - | 68 | - | - | - | - | - | 49 | - | 118 |
| Textile and leather | 47 | - | 785 | 35 | - | - | - | - | 614 | - | 1480 |
| Non-specified | - | - | 154 | - | - | - | - | - | 284 | - | 438 |
| TRANSPORT SECTOR | - | - | 12215 | - | - | - | - | - | 71 | - | 12286 |
| Domestic aviation | - | - | 140 | - | - | - | - | - | - | - | 140 |
| Road | - | - | 11750 | - | - | - | - | - | - | - | 11750 |
| Rail | - | - | 30 | - | - | - | - | - | 71 | - | 101 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 295 | - | - | - | - | - | - | - | 295 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 2687 | 1010 | - | - | 95 | 13 | 7953 | - | 11757 |
| Residential | - | - | 1179 | 762 | - | - | 92 | - | 3709 | - | 5742 |
| Comm. and publ. services | - | - | 1029 | 235 | - | - | 3 | - | 2496 | - | 3763 |
| Agriculture/forestry | - | - | 4 | - | - | - | - | - | 138 | - | 141 |
| Fishing | - | - | 355 | - | - | - | - | - | 88 | - | 443 |
| Non-specified | - | - | 119 | 12 | - | - | - | 13 | 1523 | - | 1667 |
| NON-ENERGY USE | 306 | - | 18011 | - | - | - | - | - | - | - | 18317 |
| in industry/transf./energy | 306 | - | 18011 | - | - | - | - | - | - | - | 18317 |
| <i>of which: feedstocks</i> | - | - | 15745 | - | - | - | - | - | - | - | 15745 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 131889 | - | 15566 | 42636 | 40539 | 4417 | 446 | 3689 | - | - | 239182 |
| <i>Electricity plants</i> | 95297 | - | 12254 | 41926 | 40539 | 4417 | 446 | 3689 | - | - | 198568 |
| <i>CHP plants</i> | 36592 | - | 3312 | 710 | - | - | - | - | - | - | 40614 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

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Figure 1. Energy production

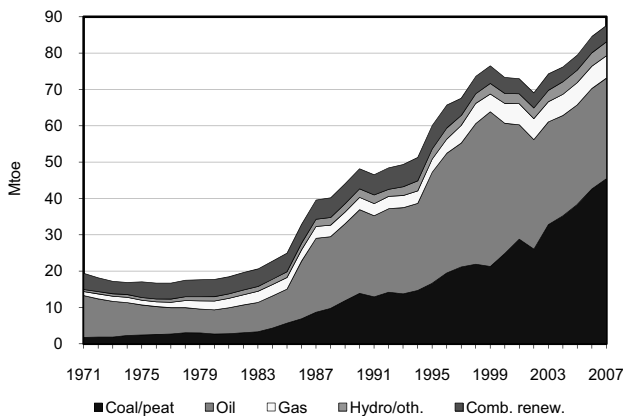


Figure 2. Total primary energy supply*

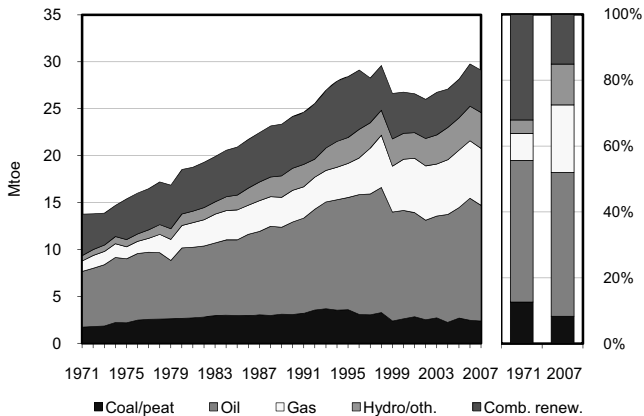


Figure 3. Energy self-sufficiency**

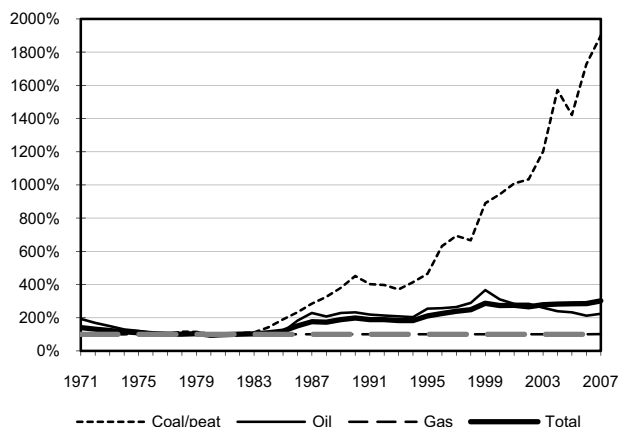


Figure 4. Oil products demand***

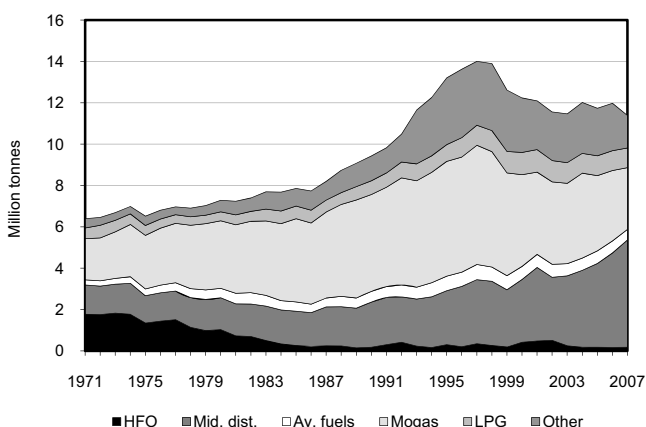


Figure 5. Electricity generation by fuel

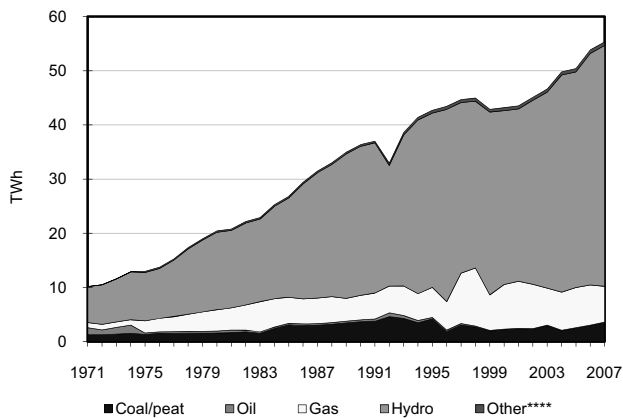
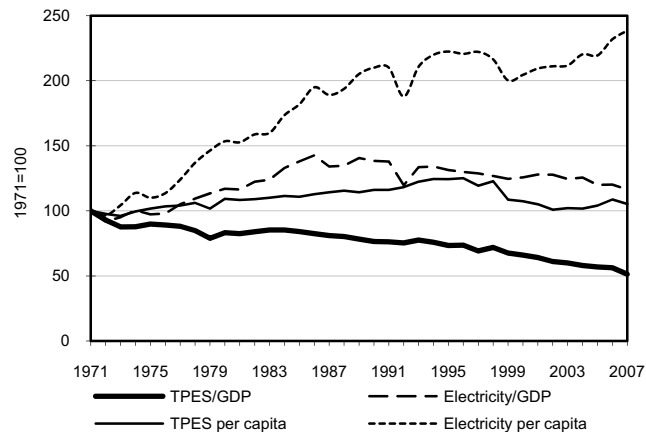


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

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| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|-------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 42637 | 27642 | - | 6130 | - | 3676 | 5 | 4498 | - | - | 84588 |
| Imports | - | 405 | 289 | - | - | - | - | - | 2 | - | 695 |
| Exports | -40291 | -11396 | -4146 | - | - | - | - | - | -156 | - | -55989 |
| Intl. marine bunkers | - | - | -392 | - | - | - | - | - | - | - | -392 |
| Intl. aviation bunkers | - | - | -590 | - | - | - | - | - | - | - | -590 |
| Stock changes | 122 | - | 1187 | - | - | - | - | - | - | - | 1309 |
| TPES | 2467 | 16651 | -3652 | 6130 | - | 3676 | 5 | 4498 | -154 | - | 29621 |
| Transfers | - | 29 | -27 | - | - | - | - | - | - | - | 2 |
| Statistical differences | 123 | -1003 | -136 | 2 | - | - | - | - | 6 | - | -1009 |
| Electricity plants | -767 | -13 | -20 | -1535 | - | -3676 | -5 | -143 | 4631 | - | -1528 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -15485 | 14998 | - | - | - | - | - | - | - | -488 |
| Coal transformation | -300 | - | - | - | - | - | - | - | - | - | -300 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | -61 | - | - | -61 |
| Own use | -31 | -69 | -558 | -1384 | - | - | - | - | -90 | - | -2132 |
| Distribution losses | -55 | -1 | - | - | - | - | - | - | -899 | - | -955 |
| TFC | 1438 | 109 | 10605 | 3212 | - | - | - | 4293 | 3494 | - | 23152 |
| INDUSTRY SECTOR | 1376 | 109 | 1042 | 1614 | - | - | - | 1776 | 1134 | - | 7051 |
| Iron and steel | 304 | 9 | 45 | 45 | - | - | - | - | 208 | - | 611 |
| Chemical and petrochemical | 74 | 3 | 390 | 680 | - | - | - | 29 | 179 | - | 1356 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 516 | 8 | 124 | 618 | - | - | - | 1 | 154 | - | 1421 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | 12 | 75 | 7 | - | - | - | - | 50 | - | 145 |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | 98 | 36 | 159 | 102 | - | - | - | 1560 | 211 | - | 2166 |
| Paper pulp and printing | 221 | - | 21 | 77 | - | - | - | 184 | 95 | - | 599 |
| Wood and wood products | 1 | 1 | 4 | 27 | - | - | - | - | 16 | - | 49 |
| Construction | - | 14 | 43 | - | - | - | - | - | 4 | - | 61 |
| Textile and leather | 162 | 16 | 52 | 17 | - | - | - | 1 | 173 | - | 420 |
| Non-specified | - | 9 | 130 | 41 | - | - | - | - | 43 | - | 222 |
| TRANSPORT SECTOR | - | - | 6650 | 384 | - | - | - | 126 | 5 | - | 7165 |
| Domestic aviation | - | - | 37 | - | - | - | - | - | - | - | 37 |
| Road | - | - | 6359 | 384 | - | - | - | 126 | - | - | 6870 |
| Rail | - | - | 32 | - | - | - | - | - | 5 | - | 37 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 222 | - | - | - | - | - | - | - | 222 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 62 | - | 1296 | 1214 | - | - | - | 2391 | 2355 | - | 7319 |
| Residential | 62 | - | 687 | 1032 | - | - | - | 1634 | 1454 | - | 4869 |
| Comm. and publ. services | - | - | 145 | 182 | - | - | - | - | 825 | - | 1152 |
| Agriculture/forestry | - | - | 463 | - | - | - | - | 742 | 76 | - | 1281 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 1 | - | - | - | - | 16 | - | - | 17 |
| NON-ENERGY USE | - | - | 1617 | - | - | - | - | - | - | - | 1617 |
| in industry/transf./energy | - | - | 1617 | - | - | - | - | - | - | - | 1617 |
| of which: feedstocks | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 2950 | - | 118 | 7395 | - | 42742 | 63 | 584 | - | - | 53852 |
| Electricity plants | 2950 | - | 118 | 7395 | - | 42742 | 63 | 584 | - | - | 53852 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |

Colombia / Colombie

2007

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|-------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 45436 | 27697 | - | 6131 | - | 3822 | 4 | 4512 | - | - | 87602 |
| Imports | - | 405 | 305 | - | - | - | - | - | 3 | - | 713 |
| Exports | -41986 | -11786 | -2757 | -74 | - | - | - | - | -75 | - | -56679 |
| Intl. marine bunkers | - | - | -397 | - | - | - | - | - | - | - | -397 |
| Intl. aviation bunkers | - | - | -518 | - | - | - | - | - | - | - | -518 |
| Stock changes | -1059 | 507 | -1122 | - | - | - | - | 1 | - | - | -1674 |
| TPES | 2391 | 16822 | -4489 | 6056 | - | 3822 | 4 | 4513 | -72 | - | 29048 |
| Transfers | - | -19 | 21 | - | - | - | - | - | - | - | 2 |
| Statistical differences | 339 | -1119 | 471 | 12 | - | - | - | -12 | 12 | - | -296 |
| Electricity plants | -812 | -13 | -29 | -1535 | - | -3822 | -4 | -144 | 4757 | - | -1602 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -15492 | 14687 | - | - | - | - | - | - | - | -805 |
| Coal transformation | -302 | - | - | - | - | - | - | - | - | - | -302 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | -20 | - | - | -20 |
| Own use | -31 | -69 | -553 | -1383 | - | - | - | - | -106 | - | -2142 |
| Distribution losses | -61 | -1 | - | - | - | - | - | - | -959 | - | -1021 |
| TFC | 1523 | 109 | 10108 | 3151 | - | - | - | 4338 | 3632 | - | 22861 |
| INDUSTRY SECTOR | 1461 | 109 | 1062 | 1614 | - | - | - | 1764 | 1185 | - | 7194 |
| Iron and steel | 319 | 9 | 45 | 45 | - | - | - | - | 217 | - | 636 |
| Chemical and petrochemical | 80 | 3 | 393 | 680 | - | - | - | 28 | 187 | - | 1371 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 549 | 8 | 126 | 618 | - | - | - | 1 | 161 | - | 1462 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | 12 | 75 | 7 | - | - | - | - | 53 | - | 147 |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | 105 | 36 | 164 | 102 | - | - | - | 1546 | 220 | - | 2173 |
| Paper pulp and printing | 235 | - | 21 | 77 | - | - | - | 188 | 100 | - | 622 |
| Wood and wood products | 1 | 1 | 4 | 27 | - | - | - | - | 17 | - | 50 |
| Construction | - | 14 | 57 | - | - | - | - | - | 5 | - | 76 |
| Textile and leather | 172 | 16 | 43 | 17 | - | - | - | 1 | 180 | - | 430 |
| Non-specified | - | 9 | 134 | 41 | - | - | - | - | 45 | - | 228 |
| TRANSPORT SECTOR | - | - | 6804 | 323 | - | - | - | 140 | 5 | - | 7272 |
| Domestic aviation | - | - | 35 | - | - | - | - | - | - | - | 35 |
| Road | - | - | 6522 | 323 | - | - | - | 140 | - | - | 6985 |
| Rail | - | - | 32 | - | - | - | - | - | 5 | - | 37 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 216 | - | - | - | - | - | - | - | 216 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 62 | - | 1304 | 1214 | - | - | - | 2433 | 2443 | - | 7457 |
| Residential | 62 | - | 682 | 1032 | - | - | - | 1756 | 1515 | - | 5047 |
| Comm. and publ. services | - | - | 145 | 182 | - | - | - | - | 850 | - | 1177 |
| Agriculture/forestry | - | - | 477 | - | - | - | - | 661 | 78 | - | 1216 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 1 | - | - | - | - | 16 | - | - | 17 |
| NON-ENERGY USE | - | - | 938 | - | - | - | - | - | - | - | 938 |
| in industry/transf./energy | - | - | 938 | - | - | - | - | - | - | - | 938 |
| of which: feedstocks | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 3493 | - | 151 | 6591 | - | 44445 | 49 | 585 | - | - | 55314 |
| Electricity plants | 3493 | - | 151 | 6591 | - | 44445 | 49 | 585 | - | - | 55314 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |

Congo

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|------------|--------------------|-----------|---------|-----------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | 14675 | - | 20 | - | 32 | - | 694 | - | - | 15421 |
| Imports | - | - | 105 | - | - | - | - | - | 35 | - | 140 |
| Exports | - | -14005 | -350 | - | - | - | - | - | - | - | -14355 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | 670 | -246 | 20 | - | 32 | - | 694 | 35 | - | 1205 |
| Electricity and CHP plants | - | - | - | -20 | - | -32 | - | - | 39 | - | -13 |
| Petroleum refineries | - | -670 | 630 | - | - | - | - | - | - | - | -40 |
| Other transformation* | - | - | -1 | - | - | - | - | -250 | -41 | - | -292 |
| TFC | - | - | 384 | - | - | - | - | 443 | 33 | - | 860 |
| INDUSTRY SECTOR | - | - | 11 | - | - | - | - | - | 17 | - | 28 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 11 | - | - | - | - | - | 17 | - | 28 |
| TRANSPORT SECTOR | - | - | 340 | - | - | - | - | - | - | - | 340 |
| Domestic aviation | - | - | 74 | - | - | - | - | - | - | - | 74 |
| Road | - | - | 267 | - | - | - | - | - | - | - | 267 |
| Other/non-specified | - | - | -1 | - | - | - | - | - | - | - | -1 |
| OTHER SECTORS | - | - | 20 | - | - | - | - | 443 | 17 | - | 480 |
| Residential | - | - | 20 | - | - | - | - | 443 | 17 | - | 480 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 12 | - | - | - | - | - | - | - | 12 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | - | 81 | - | 372 | - | - | - | - | 453 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----------|-----------|-----------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | 11790 | - | 18 | - | 29 | - | 708 | - | - | 12545 |
| Imports | - | - | 139 | - | - | - | - | - | 39 | - | 178 |
| Exports | - | -11017 | -411 | - | - | - | - | - | - | - | -11428 |
| Intl. marine bunkers | - | - | -29 | - | - | - | - | - | - | - | -29 |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | 773 | -301 | 18 | - | 29 | - | 708 | 39 | - | 1266 |
| Electricity and CHP plants | - | - | - | -18 | - | -29 | - | - | 35 | - | -12 |
| Petroleum refineries | - | -773 | 714 | - | - | - | - | - | - | - | -59 |
| Other transformation* | - | - | - | - | - | - | - | -255 | -38 | - | -293 |
| TFC | - | - | 413 | - | - | - | - | 453 | 36 | - | 902 |
| INDUSTRY SECTOR | - | - | 9 | - | - | - | - | - | 18 | - | 26 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 9 | - | - | - | - | - | 18 | - | 26 |
| TRANSPORT SECTOR | - | - | 376 | - | - | - | - | - | - | - | 376 |
| Domestic aviation | - | - | 92 | - | - | - | - | - | - | - | 92 |
| Road | - | - | 285 | - | - | - | - | - | - | - | 285 |
| Other/non-specified | - | - | -1 | - | - | - | - | - | - | - | -1 |
| OTHER SECTORS | - | - | 24 | - | - | - | - | 453 | 18 | - | 495 |
| Residential | - | - | 24 | - | - | - | - | 453 | 18 | - | 495 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 5 | - | - | - | - | - | - | - | 5 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | - | 72 | - | 335 | - | - | - | - | 407 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Democratic Republic of Congo / République démocratique du Congo

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|----------|----------|------------|----------------------|-------------------------|-------------|----------|--------------|
| Production | 75 | 892 | - | - | - | 668 | - | 16304 | - | - | 17939 |
| Imports | 191 | - | 615 | - | - | - | - | - | 1 | - | 807 |
| Exports | - | -892 | -5 | - | - | - | - | - | -155 | - | -1052 |
| Intl. marine bunkers | - | - | -2 | - | - | - | - | - | - | - | -2 |
| Intl. aviation bunkers | - | - | -134 | - | - | - | - | - | - | - | -134 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 266 | - | 474 | - | - | 668 | - | 16304 | -154 | - | 17559 |
| Electricity and CHP plants | - | - | -7 | - | - | -668 | - | - | 670 | - | -5 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | -45 | - | -7 | - | - | - | - | -747 | -258 | - | -1057 |
| TFC | 221 | - | 460 | - | - | - | - | 15557 | 258 | - | 16497 |
| INDUSTRY SECTOR | 148 | - | - | - | - | - | - | 3287 | 133 | - | 3568 |
| Iron and steel | 44 | - | - | - | - | - | - | - | - | - | 44 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 104 | - | - | - | - | - | - | 3287 | 133 | - | 3524 |
| TRANSPORT SECTOR | - | - | 175 | - | - | - | - | - | - | - | 175 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 175 | - | - | - | - | - | - | - | 175 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 73 | - | 252 | - | - | - | - | 12270 | 125 | - | 12721 |
| Residential | 73 | - | 7 | - | - | - | - | 12270 | 123 | - | 12474 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 2 | - | 2 |
| Other/non-specified | - | - | 245 | - | - | - | - | - | - | - | 245 |
| NON-ENERGY USE | - | - | 33 | - | - | - | - | - | - | - | 33 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 24 | - | - | 7772 | - | - | - | - | 7796 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|----------|-----------|------------|------------------------|----------------------|-------------|----------|--------------|
| Production | 77 | 842 | - | - | - | 712 | - | 16776 | - | - | 18407 |
| Imports | 203 | - | 634 | - | - | - | - | - | 1 | - | 837 |
| Exports | - | -842 | -5 | - | - | - | - | - | -165 | - | -1011 |
| Intl. marine bunkers | - | - | -2 | - | - | - | - | - | - | - | -2 |
| Intl. aviation bunkers | - | - | -142 | - | - | - | - | - | - | - | -142 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 280 | - | 485 | - | - | 712 | - | 16776 | -164 | - | 18089 |
| Electricity and CHP plants | - | - | -7 | - | - | -712 | - | - | 714 | - | -5 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | -47 | - | -7 | - | - | - | - | -768 | -275 | - | -1097 |
| TFC | 233 | - | 471 | - | - | - | - | 16008 | 275 | - | 16987 |
| INDUSTRY SECTOR | 158 | - | - | - | - | - | - | 3383 | 141 | - | 3682 |
| Iron and steel | 47 | - | - | - | - | - | - | - | - | - | 47 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 111 | - | - | - | - | - | - | 3383 | 141 | - | 3635 |
| TRANSPORT SECTOR | - | - | 186 | - | - | - | - | - | - | - | 186 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 186 | - | - | - | - | - | - | - | 186 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 75 | - | 252 | - | - | - | - | 12625 | 134 | - | 13086 |
| Residential | 75 | - | 7 | - | - | - | - | 12625 | 131 | - | 12839 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 2 | - | 2 |
| Other/non-specified | - | - | 245 | - | - | - | - | - | - | - | 245 |
| NON-ENERGY USE | - | - | 33 | - | - | - | - | - | - | - | 33 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 26 | - | - | 8276 | - | - | - | - | 8302 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Costa Rica

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|------------|--------------------|-----|---------|------------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | - | - | - | - | 568 | 1068 | 709 | - | - | 2345 |
| Imports | 43 | 673 | 1635 | - | - | - | - | - | 13 | - | 2363 |
| Exports | - | - | -111 | - | - | - | - | - | -5 | - | -117 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -197 | - | - | - | - | - | - | - | -197 |
| Stock changes | - | 11 | -30 | - | - | - | - | - | - | - | -18 |
| TPES | 43 | 684 | 1297 | - | - | 568 | 1068 | 709 | 8 | - | 4376 |
| Electricity and CHP plants | - | - | -134 | - | - | -568 | -1068 | -14 | 748 | - | -1036 |
| Petroleum refineries | - | -684 | 679 | - | - | - | - | - | - | - | -5 |
| Other transformation* | -21 | - | -40 | - | - | - | - | -8 | -83 | - | -152 |
| TFC | 22 | - | 1802 | - | - | - | - | 688 | 672 | - | 3184 |
| INDUSTRY SECTOR | 22 | - | 286 | - | - | - | - | 355 | 159 | - | 823 |
| Iron and steel | 21 | - | - | - | - | - | - | - | - | - | 21 |
| Chemical and petrochemical | - | - | 20 | - | - | - | - | - | 28 | - | 48 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 1 | - | 266 | - | - | - | - | 355 | 131 | - | 754 |
| TRANSPORT SECTOR | - | - | 1339 | - | - | - | - | - | - | - | 1339 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1337 | - | - | - | - | - | - | - | 1337 |
| Other/non-specified | - | - | 2 | - | - | - | - | - | - | - | 2 |
| OTHER SECTORS | - | - | 141 | - | - | - | - | 333 | 512 | - | 986 |
| Residential | - | - | 59 | - | - | - | - | 313 | 274 | - | 646 |
| Comm. and publ. services | - | - | 23 | - | - | - | - | 20 | 206 | - | 249 |
| Agriculture/forestry | - | - | 52 | - | - | - | - | - | 28 | - | 80 |
| Other/non-specified | - | - | 7 | - | - | - | - | - | 4 | - | 11 |
| NON-ENERGY USE | - | - | 36 | - | - | - | - | - | - | - | 36 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 534 | - | - | 6601 | 1489 | 74 | - | - | 8698 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|------------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | - | - | - | - | 582 | 1086 | 843 | - | - | 2511 |
| Imports | 84 | 720 | 1714 | - | - | - | - | - | 17 | - | 2535 |
| Exports | - | - | -110 | - | - | - | - | - | -3 | - | -113 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -189 | - | - | - | - | - | - | - | -189 |
| Stock changes | - | 33 | -8 | - | - | - | - | - | - | - | 25 |
| TPES | 84 | 753 | 1407 | - | - | 582 | 1086 | 843 | 14 | - | 4769 |
| Electricity and CHP plants | - | - | -210 | - | - | -582 | -1086 | -14 | 778 | - | -1114 |
| Petroleum refineries | - | -753 | 747 | - | - | - | - | - | - | - | -6 |
| Other transformation* | -35 | - | -44 | - | - | - | - | -8 | -85 | - | -172 |
| TFC | 49 | - | 1900 | - | - | - | - | 821 | 708 | - | 3477 |
| INDUSTRY SECTOR | 49 | - | 276 | - | - | - | - | 453 | 168 | - | 945 |
| Iron and steel | 36 | - | - | - | - | - | - | - | - | - | 36 |
| Chemical and petrochemical | - | - | 20 | - | - | - | - | - | 29 | - | 49 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 13 | - | 256 | - | - | - | - | 453 | 139 | - | 860 |
| TRANSPORT SECTOR | - | - | 1440 | - | - | - | - | - | - | - | 1440 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1436 | - | - | - | - | - | - | - | 1436 |
| Other/non-specified | - | - | 4 | - | - | - | - | - | - | - | 4 |
| OTHER SECTORS | - | - | 135 | - | - | - | - | 368 | 540 | - | 1043 |
| Residential | - | - | 46 | - | - | - | - | 345 | 283 | - | 674 |
| Comm. and publ. services | - | - | 37 | - | - | - | - | 23 | 224 | - | 284 |
| Agriculture/forestry | - | - | 46 | - | - | - | - | - | 29 | - | 75 |
| Other/non-specified | - | - | 6 | - | - | - | - | - | 4 | - | 10 |
| NON-ENERGY USE | - | - | 50 | - | - | - | - | - | - | - | 50 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 721 | - | - | 6770 | 1480 | 79 | - | - | 9050 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Côte d'Ivoire

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|-------------|---------|------------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | 3191 | - | 1229 | - | 130 | - | 7392 | - | - | 11942 |
| Imports | - | 3780 | 1 | - | - | - | - | - | - | - | 3781 |
| Exports | - | -3053 | -2832 | - | - | - | - | - | -92 | - | -5977 |
| Intl. marine bunkers | - | - | -48 | - | - | - | - | - | - | - | -48 |
| Intl. aviation bunkers | - | - | -95 | - | - | - | - | - | - | - | -95 |
| Stock changes | - | -134 | 68 | - | - | - | - | - | - | - | -66 |
| TPES | - | 3784 | -2906 | 1229 | - | 130 | - | 7392 | -92 | - | 9537 |
| Electricity and CHP plants | - | - | -5 | -926 | - | -130 | - | -39 | 486 | - | -613 |
| Petroleum refineries | - | -4062 | 3934 | - | - | - | - | - | - | - | -128 |
| Other transformation* | - | 278 | -74 | - | - | - | - | -3400 | -113 | - | -3310 |
| TFC | - | - | 950 | 303 | - | - | - | 3953 | 282 | - | 5488 |
| INDUSTRY SECTOR | - | - | 176 | - | - | - | - | - | 75 | - | 251 |
| Iron and steel | - | - | - | - | - | - | - | - | 3 | - | 3 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 16 | - | 16 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 176 | - | - | - | - | - | 56 | - | 232 |
| TRANSPORT SECTOR | - | - | 435 | - | - | - | - | - | - | - | 435 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 371 | - | - | - | - | - | - | - | 371 |
| Other/non-specified | - | - | 64 | - | - | - | - | - | - | - | 64 |
| OTHER SECTORS | - | - | 317 | 303 | - | - | - | 3953 | 207 | - | 4780 |
| Residential | - | - | 216 | - | - | - | - | 3533 | 93 | - | 3843 |
| Comm. and publ. services | - | - | 53 | - | - | - | - | 420 | 113 | - | 586 |
| Agriculture/forestry | - | - | 48 | - | - | - | - | - | 1 | - | 49 |
| Other/non-specified | - | - | - | 303 | - | - | - | - | - | - | 303 |
| NON-ENERGY USE | - | - | 21 | - | - | - | - | - | - | - | 21 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 16 | 4017 | - | 1510 | - | 112 | - | - | 5655 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-------------|-----------|------------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | 2462 | - | 1006 | - | 155 | - | 7623 | - | - | 11246 |
| Imports | - | 3709 | 78 | - | - | - | - | - | - | - | 3786 |
| Exports | - | -2443 | -2529 | - | - | - | - | - | -66 | - | -5038 |
| Intl. marine bunkers | - | - | -109 | - | - | - | - | - | - | - | -109 |
| Intl. aviation bunkers | - | - | -51 | - | - | - | - | - | - | - | -51 |
| Stock changes | - | 77 | 67 | - | - | - | - | - | - | - | 144 |
| TPES | - | 3804 | -2544 | 1006 | - | 155 | - | 7623 | -66 | - | 9978 |
| Electricity and CHP plants | - | - | -6 | -878 | - | -155 | - | -40 | 484 | - | -594 |
| Petroleum refineries | - | -3777 | 3478 | - | - | - | - | - | - | - | -299 |
| Other transformation* | - | -27 | -56 | - | - | - | - | -3528 | -119 | - | -3730 |
| TFC | - | - | 873 | 128 | - | - | - | 4056 | 299 | - | 5356 |
| INDUSTRY SECTOR | - | - | 142 | - | - | - | - | - | 78 | - | 219 |
| Iron and steel | - | - | - | - | - | - | - | - | 6 | - | 6 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 16 | - | 16 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 142 | - | - | - | - | - | 56 | - | 197 |
| TRANSPORT SECTOR | - | - | 427 | - | - | - | - | - | - | - | 427 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 357 | - | - | - | - | - | - | - | 357 |
| Other/non-specified | - | - | 70 | - | - | - | - | - | - | - | 70 |
| OTHER SECTORS | - | - | 278 | 128 | - | - | - | 4056 | 221 | - | 4683 |
| Residential | - | - | 142 | - | - | - | - | 3620 | 107 | - | 3870 |
| Comm. and publ. services | - | - | 65 | - | - | - | - | 435 | 113 | - | 613 |
| Agriculture/forestry | - | - | 71 | - | - | - | - | - | 1 | - | 72 |
| Other/non-specified | - | - | - | 128 | - | - | - | - | - | - | 128 |
| NON-ENERGY USE | - | - | 27 | - | - | - | - | - | - | - | 27 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 18 | 3701 | - | 1797 | - | 115 | - | - | 5631 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Croatia / Croatie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|-------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | - | 1002 | - | 2216 | - | 516 | 2 | 412 | - | - | 4147 |
| Imports | 692 | 4012 | 1443 | 920 | - | - | - | 1 | 715 | - | 7783 |
| Exports | - | - | -1895 | -731 | - | - | - | -46 | -231 | - | -2904 |
| Intl. marine bunkers | - | - | -20 | - | - | - | - | - | - | - | -20 |
| Intl. aviation bunkers | - | - | -40 | - | - | - | - | - | - | - | -40 |
| Stock changes | -57 | 93 | -9 | -54 | - | - | - | - | - | - | -27 |
| TPES | 635 | 5107 | -520 | 2350 | - | 516 | 2 | 366 | 483 | - | 8939 |
| Transfers | - | -185 | 186 | - | - | - | - | - | - | - | 1 |
| Statistical differences | - | - | - | - | - | - | - | - | - | - | - |
| Electricity plants | -496 | - | -298 | -96 | - | -516 | -2 | -1 | 856 | - | -554 |
| CHP plants | -5 | - | -188 | -439 | - | - | - | -1 | 202 | 212 | -219 |
| Heat plants | - | - | -38 | -52 | - | - | - | - | - | 71 | -18 |
| Gas works | - | - | -13 | 13 | - | - | - | - | - | - | - |
| Petroleum refineries | - | -4923 | 4887 | - | - | - | - | - | - | - | -36 |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | - | - | -522 | -140 | - | - | - | - | -84 | -18 | -764 |
| Distribution losses | - | - | - | -54 | - | - | - | - | -164 | -36 | -254 |
| TFC | 133 | - | 3494 | 1581 | - | - | - | 364 | 1294 | 229 | 7096 |
| INDUSTRY SECTOR | 124 | - | 556 | 527 | - | - | - | 63 | 318 | 48 | 1636 |
| Iron and steel | 5 | - | 4 | 18 | - | - | - | - | 18 | 1 | 46 |
| Chemical and petrochemical | - | - | 99 | 112 | - | - | - | - | 41 | 13 | 265 |
| Non-ferrous metals | - | - | 7 | - | - | - | - | - | 8 | - | 15 |
| Non-metallic minerals | 94 | - | 203 | 151 | - | - | - | - | 62 | - | 510 |
| Transport equipment | 3 | - | 8 | 3 | - | - | - | - | 15 | 2 | 32 |
| Machinery | 1 | - | 7 | 21 | - | - | - | - | 24 | 4 | 56 |
| Mining and quarrying | - | - | 5 | 2 | - | - | - | - | 5 | - | 12 |
| Food and tobacco | 22 | - | 42 | 139 | - | - | - | - | 49 | 10 | 262 |
| Paper pulp and printing | - | - | 12 | 48 | - | - | - | 4 | 28 | 10 | 101 |
| Wood and wood products | - | - | 2 | 12 | - | - | - | 28 | 14 | - | 56 |
| Construction | - | - | 152 | - | - | - | - | - | 22 | - | 175 |
| Textile and leather | - | - | 11 | 16 | - | - | - | - | 15 | 2 | 43 |
| Non-specified | - | - | 3 | 4 | - | - | - | 30 | 18 | 6 | 62 |
| TRANSPORT SECTOR | - | - | 1964 | - | - | - | - | - | 26 | - | 1990 |
| Domestic aviation | - | - | 60 | - | - | - | - | - | - | - | 60 |
| Road | - | - | 1838 | - | - | - | - | - | - | - | 1838 |
| Rail | - | - | 33 | - | - | - | - | - | 21 | - | 53 |
| Pipeline transport | - | - | - | - | - | - | - | - | 2 | - | 2 |
| Domestic navigation | - | - | 34 | - | - | - | - | - | - | - | 34 |
| Non-specified | - | - | - | - | - | - | - | - | 3 | - | 3 |
| OTHER SECTORS | 9 | - | 655 | 677 | - | - | - | 301 | 950 | 182 | 2773 |
| Residential | 7 | - | 304 | 539 | - | - | - | 301 | 561 | 146 | 1857 |
| Comm. and publ. services | 2 | - | 130 | 122 | - | - | - | - | 383 | 35 | 672 |
| Agriculture/forestry | - | - | 222 | 15 | - | - | - | - | 6 | - | 243 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 319 | 378 | - | - | - | - | - | - | 697 |
| in industry/transf./energy | - | - | 289 | 378 | - | - | - | - | - | - | 667 |
| <i>of which: feedstocks</i> | - | - | 78 | 378 | - | - | - | - | - | - | 456 |
| in transport | - | - | 28 | - | - | - | - | - | - | - | 28 |
| in other sectors | - | - | 2 | - | - | - | - | - | - | - | 2 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 2257 | - | 1961 | 2058 | - | 6000 | 19 | 11 | - | - | 12306 |
| <i>Electricity plants</i> | 2234 | - | 1290 | 406 | - | 6000 | 19 | 6 | - | - | 9955 |
| <i>CHP plants</i> | 23 | - | 671 | 1652 | - | - | - | 5 | - | - | 2351 |
| Heat generated - TJ | - | - | 3975 | 7897 | - | - | - | - | - | - | 11872 |
| <i>CHP plants</i> | - | - | 2713 | 6175 | - | - | - | - | - | - | 8888 |
| <i>Heat plants</i> | - | - | 1262 | 1722 | - | - | - | - | - | - | 2984 |

Croatia / Croatie

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|-------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | - | 952 | - | 2362 | - | 364 | 7 | 366 | - | - | 4051 |
| Imports | 704 | 4569 | 1383 | 862 | - | - | - | 1 | 672 | - | 8191 |
| Exports | -1 | - | -2071 | -614 | - | - | - | -45 | -125 | - | -2855 |
| Intl. marine bunkers | - | - | -23 | - | - | - | - | - | - | - | -23 |
| Intl. aviation bunkers | - | - | -44 | - | - | - | - | - | - | - | -44 |
| Stock changes | -13 | 11 | -92 | 91 | - | - | - | - | - | - | -2 |
| TPES | 691 | 5533 | -847 | 2700 | - | 364 | 7 | 322 | 547 | - | 9318 |
| Transfers | - | -139 | 142 | - | - | - | - | - | - | - | 3 |
| Statistical differences | - | - | - | - | - | - | - | -3 | - | - | -3 |
| Electricity plants | -533 | - | -407 | -246 | - | -364 | -3 | -2 | 813 | - | -742 |
| CHP plants | -5 | - | -131 | -547 | - | - | - | -1 | 226 | 207 | -251 |
| Heat plants | - | - | -32 | -55 | - | - | - | - | - | 71 | -16 |
| Gas works | - | - | -10 | 10 | - | - | - | - | - | - | - |
| Petroleum refineries | - | -5394 | 5389 | - | - | - | - | - | - | - | -5 |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | -27 | - | - | - | - | - | - | -27 |
| Own use | - | - | -565 | -175 | - | - | - | - | -92 | -19 | -851 |
| Distribution losses | - | - | - | -42 | - | - | - | - | -174 | -42 | -258 |
| TFC | 153 | - | 3540 | 1618 | - | - | 4 | 317 | 1320 | 218 | 7170 |
| INDUSTRY SECTOR | 149 | - | 506 | 556 | - | - | - | 62 | 339 | 44 | 1655 |
| Iron and steel | 5 | - | 5 | 15 | - | - | - | - | 17 | - | 42 |
| Chemical and petrochemical | 2 | - | 52 | 156 | - | - | - | - | 51 | 15 | 276 |
| Non-ferrous metals | - | - | 6 | 1 | - | - | - | - | 8 | - | 16 |
| Non-metallic minerals | 117 | - | 189 | 161 | - | - | - | - | 63 | - | 530 |
| Transport equipment | 1 | - | 11 | 6 | - | - | - | - | 17 | - | 35 |
| Machinery | 1 | - | 8 | 23 | - | - | - | - | 27 | 5 | 63 |
| Mining and quarrying | - | - | 5 | 1 | - | - | - | - | 5 | - | 11 |
| Food and tobacco | 22 | - | 44 | 120 | - | - | - | - | 51 | 14 | 251 |
| Paper pulp and printing | - | - | 13 | 45 | - | - | - | 3 | 29 | 1 | 90 |
| Wood and wood products | - | - | 1 | 8 | - | - | - | 22 | 13 | - | 44 |
| Construction | - | - | 161 | - | - | - | - | - | 23 | - | 184 |
| Textile and leather | - | - | 10 | 15 | - | - | - | - | 15 | 2 | 41 |
| Non-specified | - | - | 2 | 4 | - | - | - | 37 | 21 | 6 | 70 |
| TRANSPORT SECTOR | - | - | 2101 | - | - | - | - | - | 28 | - | 2129 |
| Domestic aviation | - | - | 60 | - | - | - | - | - | - | - | 60 |
| Road | - | - | 1973 | - | - | - | - | - | - | - | 1973 |
| Rail | - | - | 34 | - | - | - | - | - | 22 | - | 55 |
| Pipeline transport | - | - | - | - | - | - | - | - | 2 | - | 2 |
| Domestic navigation | - | - | 35 | - | - | - | - | - | - | - | 35 |
| Non-specified | - | - | - | - | - | - | - | - | 4 | - | 4 |
| OTHER SECTORS | 5 | - | 588 | 648 | - | - | 4 | 256 | 953 | 174 | 2628 |
| Residential | 4 | - | 258 | 513 | - | - | 1 | 254 | 550 | 138 | 1717 |
| Comm. and publ. services | 1 | - | 107 | 120 | - | - | 3 | 2 | 398 | 36 | 667 |
| Agriculture/forestry | - | - | 223 | 15 | - | - | - | - | 6 | - | 244 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 344 | 415 | - | - | - | - | - | - | 759 |
| in industry/transf./energy | - | - | 309 | 415 | - | - | - | - | - | - | 724 |
| <i>of which: feedstocks</i> | - | - | 71 | 415 | - | - | - | - | - | - | 486 |
| in transport | - | - | 33 | - | - | - | - | - | - | - | 33 |
| in other sectors | - | - | 2 | - | - | - | - | - | - | - | 2 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 2423 | - | 2315 | 3064 | - | 4236 | 35 | 8 | - | - | 12081 |
| <i>Electricity plants</i> | 2401 | - | 1806 | 969 | - | 4236 | 35 | 5 | - | - | 9452 |
| <i>CHP plants</i> | 22 | - | 509 | 2095 | - | - | - | 3 | - | - | 2629 |
| Heat generated - TJ | - | - | 2622 | 9042 | - | - | - | - | - | - | 11664 |
| <i>CHP plants</i> | - | - | 1516 | 7160 | - | - | - | - | - | - | 8676 |
| <i>Heat plants</i> | - | - | 1106 | 1882 | - | - | - | - | - | - | 2988 |

Cuba

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|-------------|----------|----------|----------------------|-------------------------|-------------|----------|-------------|
| Production | - | 2851 | - | 891 | - | 9 | - | 1391 | - | - | 5142 |
| Imports | 23 | 2017 | 3180 | - | - | - | - | - | - | - | 5220 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -63 | - | - | - | - | - | - | - | -63 |
| Intl. aviation bunkers | - | - | -193 | - | - | - | - | - | - | - | -193 |
| Stock changes | - | - | -233 | - | - | - | - | - | - | - | -233 |
| TPES | 23 | 4868 | 2691 | 891 | - | 9 | - | 1391 | - | - | 9873 |
| Electricity and CHP plants | - | -2449 | -2075 | - | - | -9 | - | -98 | 1416 | - | -3214 |
| Petroleum refineries | - | -2251 | 2200 | - | - | - | - | - | - | - | -51 |
| Other transformation* | -4 | -158 | -175 | 146 | - | - | - | -76 | -300 | - | -568 |
| TFC | 19 | 10 | 2641 | 1037 | - | - | - | 1218 | 1117 | - | 6041 |
| INDUSTRY SECTOR | 19 | - | 1406 | 917 | - | - | - | 851 | 329 | - | 3521 |
| Iron and steel | 19 | - | - | - | - | - | - | - | 9 | - | 28 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 26 | - | 26 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 1406 | 917 | - | - | - | 851 | 294 | - | 3467 |
| TRANSPORT SECTOR | - | - | 268 | - | - | - | - | 40 | 9 | - | 318 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 268 | - | - | - | - | 40 | - | - | 308 |
| Other/non-specified | - | - | - | - | - | - | - | - | 9 | - | 10 |
| OTHER SECTORS | - | 10 | 864 | 120 | - | - | - | 326 | 779 | - | 2098 |
| Residential | - | - | 288 | 120 | - | - | - | 47 | 484 | - | 940 |
| Comm. and publ. services | - | - | 261 | - | - | - | - | 14 | 271 | - | 546 |
| Agriculture/forestry | - | - | 153 | - | - | - | - | 25 | 24 | - | 202 |
| Other/non-specified | - | 10 | 161 | - | - | - | - | 240 | - | - | 411 |
| NON-ENERGY USE | - | - | 103 | - | - | - | - | - | - | - | 103 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 15905 | - | - | 109 | - | 455 | - | - | 16469 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-------------|-----------|-----------|------------------------|----------------------|-------------|----------|-------------|
| Production | - | 2856 | - | 995 | - | 10 | - | 1300 | - | - | 5161 |
| Imports | 15 | 1880 | 3181 | - | - | - | - | - | - | - | 5076 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -55 | - | - | - | - | - | - | - | -55 |
| Intl. aviation bunkers | - | - | -183 | - | - | - | - | - | - | - | -183 |
| Stock changes | - | - | -94 | - | - | - | - | - | - | - | -94 |
| TPES | 15 | 4736 | 2849 | 995 | - | 10 | - | 1300 | - | - | 9905 |
| Electricity and CHP plants | - | -2776 | -2037 | - | - | -10 | - | -72 | 1515 | - | -3379 |
| Petroleum refineries | - | -2333 | 2278 | - | - | - | - | - | - | - | -55 |
| Other transformation* | -1 | 373 | -288 | 139 | - | - | - | -77 | -334 | - | -187 |
| TFC | 14 | - | 2802 | 1133 | - | - | - | 1152 | 1182 | - | 6283 |
| INDUSTRY SECTOR | 14 | - | 1596 | 1019 | - | - | - | 865 | 411 | - | 3904 |
| Iron and steel | 14 | - | - | - | - | - | - | - | 11 | - | 24 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 33 | - | 33 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 1596 | 1019 | - | - | - | 865 | 367 | - | 3847 |
| TRANSPORT SECTOR | - | - | 276 | - | - | - | - | 19 | 9 | - | 304 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 276 | - | - | - | - | 19 | - | - | 295 |
| Other/non-specified | - | - | - | - | - | - | - | - | 9 | - | 9 |
| OTHER SECTORS | - | - | 828 | 115 | - | - | - | 268 | 762 | - | 1972 |
| Residential | - | - | 247 | 115 | - | - | - | 45 | 450 | - | 856 |
| Comm. and publ. services | - | - | 268 | - | - | - | - | 12 | 286 | - | 565 |
| Agriculture/forestry | - | - | 151 | - | - | - | - | 23 | 26 | - | 200 |
| Other/non-specified | - | - | 162 | - | - | - | - | 188 | - | - | 350 |
| NON-ENERGY USE | - | - | 103 | - | - | - | - | - | - | - | 103 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 17166 | - | - | 121 | - | 334 | - | - | 17621 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Cyprus / Chypre

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|----------|----------|----------|----------------------|-------------------------|-------------|----------|-------------|
| Production | - | - | - | - | - | - | 43 | 8 | - | - | 52 |
| Imports | 45 | - | 2928 | - | - | - | - | 6 | - | - | 2979 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -290 | - | - | - | - | - | - | - | -290 |
| Intl. aviation bunkers | - | - | -308 | - | - | - | - | - | - | - | -308 |
| Stock changes | -6 | - | -117 | - | - | - | - | - | - | - | -123 |
| TPES | 40 | - | 2212 | - | - | - | 43 | 14 | - | - | 2309 |
| Electricity and CHP plants | - | - | -1100 | - | - | - | - | - | 400 | - | -700 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | -1 | - | 44 | - | - | - | - | -2 | -42 | - | -1 |
| TFC | 39 | - | 1156 | - | - | - | 43 | 12 | 358 | - | 1609 |
| INDUSTRY SECTOR | 39 | - | 243 | - | - | - | - | 3 | 49 | - | 333 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 2 | - | 2 |
| Non-metallic minerals | 39 | - | 128 | - | - | - | - | 3 | 19 | - | 189 |
| Other/non-specified | - | - | 115 | - | - | - | - | - | 28 | - | 142 |
| TRANSPORT SECTOR | - | - | 618 | - | - | - | - | - | 3 | - | 621 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 618 | - | - | - | - | - | - | - | 618 |
| Other/non-specified | - | - | - | - | - | - | - | - | 3 | - | 3 |
| OTHER SECTORS | - | - | 224 | - | - | - | 43 | 9 | 307 | - | 584 |
| Residential | - | - | 116 | - | - | - | 37 | 5 | 129 | - | 288 |
| Comm. and publ. services | - | - | 16 | - | - | - | 6 | 4 | 157 | - | 183 |
| Agriculture/forestry | - | - | 28 | - | - | - | - | - | 11 | - | 39 |
| Other/non-specified | - | - | 63 | - | - | - | - | - | 10 | - | 74 |
| NON-ENERGY USE | - | - | 71 | - | - | - | - | - | - | - | 71 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 4651 | - | - | - | 1 | - | - | - | 4652 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|----------|-----------|----------|------------------------|----------------------|-------------|----------|-------------|
| Production | - | - | - | - | - | - | 54 | 19 | - | - | 73 |
| Imports | 23 | - | 2848 | - | - | - | - | 8 | - | - | 2879 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -270 | - | - | - | - | - | - | - | -270 |
| Intl. aviation bunkers | - | - | -295 | - | - | - | - | - | - | - | -295 |
| Stock changes | 10 | - | 40 | - | - | - | - | - | - | - | 50 |
| TPES | 32 | - | 2323 | - | - | - | 54 | 28 | - | - | 2437 |
| Electricity and CHP plants | - | - | -1156 | - | - | - | - | - | 419 | - | -738 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | 1 | - | 15 | - | - | - | - | -5 | -42 | - | -30 |
| TFC | 33 | - | 1182 | - | - | - | 53 | 23 | 376 | - | 1669 |
| INDUSTRY SECTOR | 33 | - | 249 | - | - | - | - | 10 | 52 | - | 344 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 2 | - | 2 |
| Non-metallic minerals | 33 | - | 146 | - | - | - | - | 10 | 19 | - | 208 |
| Other/non-specified | - | - | 103 | - | - | - | - | - | 31 | - | 134 |
| TRANSPORT SECTOR | - | - | 657 | - | - | - | - | 1 | 3 | - | 661 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 657 | - | - | - | - | 1 | - | - | 658 |
| Other/non-specified | - | - | - | - | - | - | - | - | 3 | - | 3 |
| OTHER SECTORS | - | - | 216 | - | - | - | 53 | 12 | 322 | - | 604 |
| Residential | - | - | 107 | - | - | - | 46 | 7 | 138 | - | 298 |
| Comm. and publ. services | - | - | 14 | - | - | - | 8 | 5 | 164 | - | 192 |
| Agriculture/forestry | - | - | 28 | - | - | - | - | - | 12 | - | 40 |
| Other/non-specified | - | - | 67 | - | - | - | - | - | 7 | - | 74 |
| NON-ENERGY USE | - | - | 60 | - | - | - | - | - | - | - | 60 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 4868 | - | - | - | 3 | - | - | - | 4871 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Dominican Republic / République dominicaine

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|------------|----------|------------|----------------------|-------------------------|-------------|----------|-------------|
| Production | - | - | - | - | - | 121 | - | 1414 | - | - | 1536 |
| Imports | 505 | 2094 | 3414 | 278 | - | - | - | - | - | - | 6291 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -102 | - | - | - | - | - | - | - | -102 |
| Stock changes | - | -56 | 74 | - | - | - | - | - | - | - | 18 |
| TPES | 505 | 2037 | 3386 | 278 | - | 121 | - | 1414 | - | - | 7742 |
| Electricity and CHP plants | -434 | - | -2058 | -278 | - | -121 | - | -21 | 1217 | - | -1695 |
| Petroleum refineries | - | -2037 | 1970 | - | - | - | - | - | - | - | -67 |
| Other transformation* | - | - | -68 | - | - | - | - | -174 | -170 | - | -413 |
| TFC | 71 | - | 3230 | - | - | - | - | 1220 | 1047 | - | 5568 |
| INDUSTRY SECTOR | 71 | - | 350 | - | - | - | - | 361 | 446 | - | 1228 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 71 | - | 350 | - | - | - | - | 361 | 446 | - | 1228 |
| TRANSPORT SECTOR | - | - | 1966 | - | - | - | - | - | - | - | 1966 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1571 | - | - | - | - | - | - | - | 1571 |
| Other/non-specified | - | - | 395 | - | - | - | - | - | - | - | 395 |
| OTHER SECTORS | - | - | 915 | - | - | - | - | 859 | 601 | - | 2374 |
| Residential | - | - | 802 | - | - | - | - | 859 | 358 | - | 2020 |
| Comm. and publ. services | - | - | 44 | - | - | - | - | - | 242 | - | 286 |
| Agriculture/forestry | - | - | 68 | - | - | - | - | - | - | - | 68 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 1901 | - | 9519 | 1293 | - | 1408 | - | 29 | - | - | 14150 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|------------|-----------|------------|------------------------|----------------------|-------------|----------|-------------|
| Production | - | - | - | - | - | 120 | - | 1419 | - | - | 1539 |
| Imports | 520 | 1823 | 3718 | 366 | - | - | - | - | - | - | 6427 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -99 | - | - | - | - | - | - | - | -99 |
| Stock changes | - | -50 | 76 | - | - | - | - | - | - | - | 25 |
| TPES | 520 | 1772 | 3694 | 366 | - | 120 | - | 1419 | - | - | 7892 |
| Electricity and CHP plants | -449 | - | -2091 | -366 | - | -120 | - | -27 | 1276 | - | -1777 |
| Petroleum refineries | - | -1772 | 1782 | - | - | - | - | - | - | - | 10 |
| Other transformation* | - | - | -60 | - | - | - | - | -174 | -151 | - | -385 |
| TFC | 71 | - | 3325 | - | - | - | - | 1217 | 1125 | - | 5739 |
| INDUSTRY SECTOR | 71 | - | 362 | - | - | - | - | 358 | 453 | - | 1244 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 71 | - | 362 | - | - | - | - | 358 | 453 | - | 1244 |
| TRANSPORT SECTOR | - | - | 2009 | - | - | - | - | - | - | - | 2009 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1570 | - | - | - | - | - | - | - | 1570 |
| Other/non-specified | - | - | 439 | - | - | - | - | - | - | - | 439 |
| OTHER SECTORS | - | - | 955 | - | - | - | - | 859 | 672 | - | 2486 |
| Residential | - | - | 831 | - | - | - | - | 859 | 375 | - | 2065 |
| Comm. and publ. services | - | - | 49 | - | - | - | - | - | 163 | - | 211 |
| Agriculture/forestry | - | - | 75 | - | - | - | - | - | 134 | - | 209 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 1966 | - | 9729 | 1705 | - | 1401 | - | 38 | - | - | 14839 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Ecuador / Equateur

Figure 1. Energy production

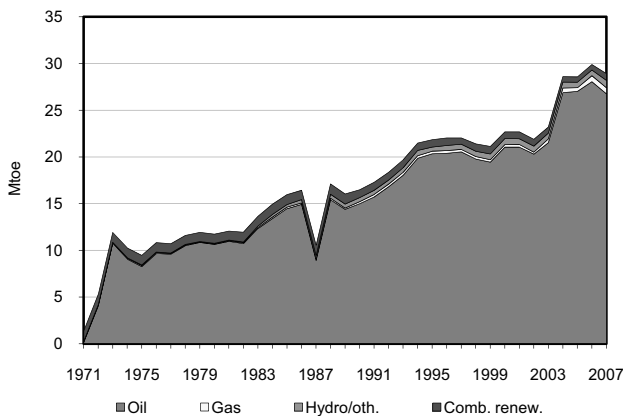


Figure 2. Total primary energy supply*

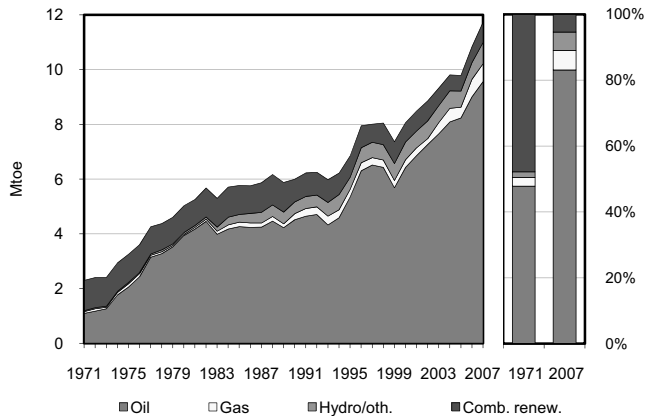


Figure 3. Energy self-sufficiency**

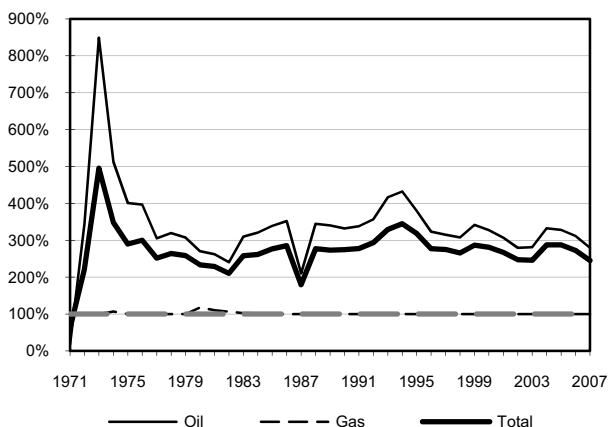


Figure 4. Oil products demand***

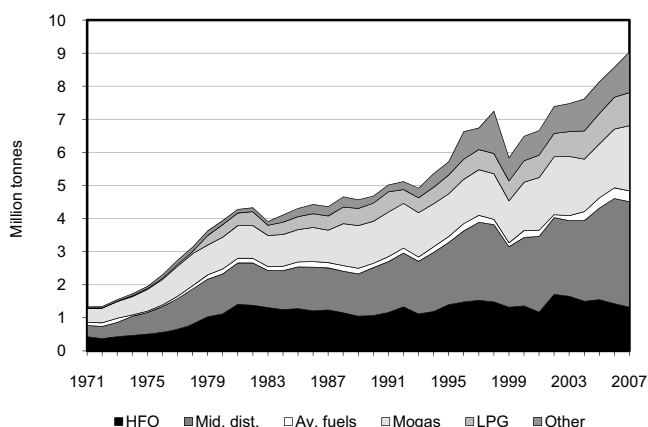


Figure 5. Electricity generation by fuel

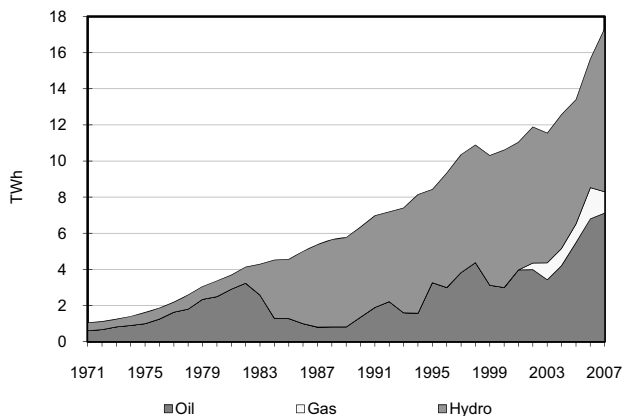
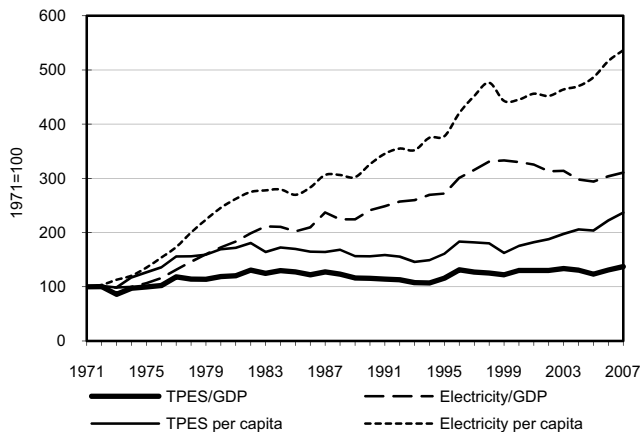


Figure 6. Selected indicators****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** GDP in 2000 US dollars.

Ecuador / Equateur

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|------------|---------|------------|----------------------|-------------------------|-------------|------|--------------|
| Production | - | 28059 | - | 636 | - | 613 | - | 579 | - | - | 29888 |
| Imports | - | - | 3169 | - | - | - | - | - | 135 | - | 3304 |
| Exports | - | -19644 | -1931 | - | - | - | - | - | - | - | -21575 |
| Intl. marine bunkers | - | - | -240 | - | - | - | - | - | - | - | -240 |
| Intl. aviation bunkers | - | - | -339 | - | - | - | - | - | - | - | -339 |
| Stock changes | - | 130 | -198 | - | - | - | - | - | - | - | -68 |
| TPES | - | 8545 | 461 | 636 | - | 613 | - | 579 | 135 | - | 10971 |
| Electricity and CHP plants | - | -65 | -1558 | -536 | - | -613 | - | -233 | 1347 | - | -1658 |
| Petroleum refineries | - | -8525 | 8047 | - | - | - | - | - | - | - | -477 |
| Other transformation* | - | 44 | -472 | -100 | - | - | - | - | -660 | - | -1188 |
| TFC | - | - | 6479 | - | - | - | - | 346 | 822 | - | 7647 |
| INDUSTRY SECTOR | - | - | 805 | - | - | - | - | 101 | 159 | - | 1065 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 805 | - | - | - | - | 101 | 159 | - | 1065 |
| TRANSPORT SECTOR | - | - | 3873 | - | - | - | - | - | - | - | 3873 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 3481 | - | - | - | - | - | - | - | 3481 |
| Other/non-specified | - | - | 392 | - | - | - | - | - | - | - | 392 |
| OTHER SECTORS | - | - | 1174 | - | - | - | - | 245 | 663 | - | 2083 |
| Residential | - | - | 978 | - | - | - | - | 245 | 335 | - | 1558 |
| Comm. and publ. services | - | - | 186 | - | - | - | - | - | 245 | - | 432 |
| Agriculture/forestry | - | - | 9 | - | - | - | - | - | - | - | 9 |
| Other/non-specified | - | - | - | - | - | - | - | - | 83 | - | 83 |
| NON-ENERGY USE | - | - | 627 | - | - | - | - | - | - | - | 627 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 6799 | 1734 | - | 7130 | - | - | - | - | 15663 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|------------|-----------|------------|------------------------|----------------------|-------------|---------|--------------|
| Production | - | 26755 | - | 655 | - | 777 | - | 728 | - | - | 28915 |
| Imports | - | - | 3567 | - | - | - | - | - | 74 | - | 3641 |
| Exports | - | -17717 | -2055 | - | - | - | - | - | - | - | -19772 |
| Intl. marine bunkers | - | - | -265 | - | - | - | - | - | - | - | -265 |
| Intl. aviation bunkers | - | - | -352 | - | - | - | - | - | - | - | -352 |
| Stock changes | - | -329 | -34 | - | - | - | - | - | - | - | -363 |
| TPES | - | 8709 | 862 | 655 | - | 777 | - | 728 | 74 | - | 11805 |
| Electricity and CHP plants | - | -173 | -1335 | -388 | - | -777 | - | -326 | 1491 | - | -1508 |
| Petroleum refineries | - | -8520 | 8369 | - | - | - | - | - | - | - | -152 |
| Other transformation* | - | -16 | -794 | -267 | - | - | - | - | -699 | - | -1776 |
| TFC | - | - | 7102 | - | - | - | - | 401 | 866 | - | 8369 |
| INDUSTRY SECTOR | - | - | 651 | - | - | - | - | 45 | 170 | - | 866 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 651 | - | - | - | - | 45 | 170 | - | 866 |
| TRANSPORT SECTOR | - | - | 4265 | - | - | - | - | - | - | - | 4265 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 3840 | - | - | - | - | - | - | - | 3840 |
| Other/non-specified | - | - | 425 | - | - | - | - | - | - | - | 425 |
| OTHER SECTORS | - | - | 1258 | - | - | - | - | 357 | 697 | - | 2311 |
| Residential | - | - | 1003 | - | - | - | - | 357 | 353 | - | 1713 |
| Comm. and publ. services | - | - | 154 | - | - | - | - | - | 255 | - | 410 |
| Agriculture/forestry | - | - | 100 | - | - | - | - | - | - | - | 100 |
| Other/non-specified | - | - | - | - | - | - | - | - | 88 | - | 88 |
| NON-ENERGY USE | - | - | 928 | - | - | - | - | - | - | - | 928 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 7115 | 1183 | - | 9037 | - | - | - | - | 17335 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Egypt / Egypte

Figure 1. Energy production

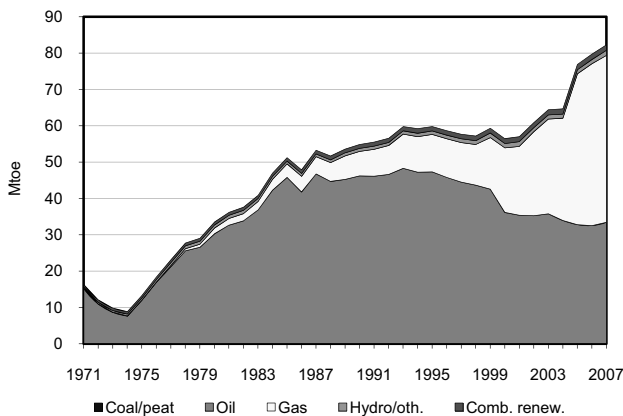


Figure 2. Total primary energy supply*

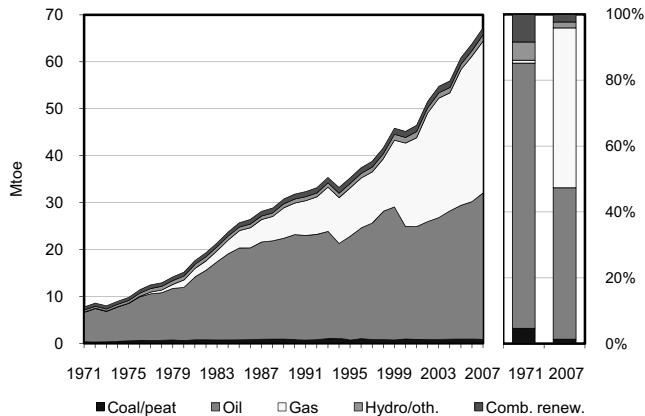


Figure 3. Energy self-sufficiency**

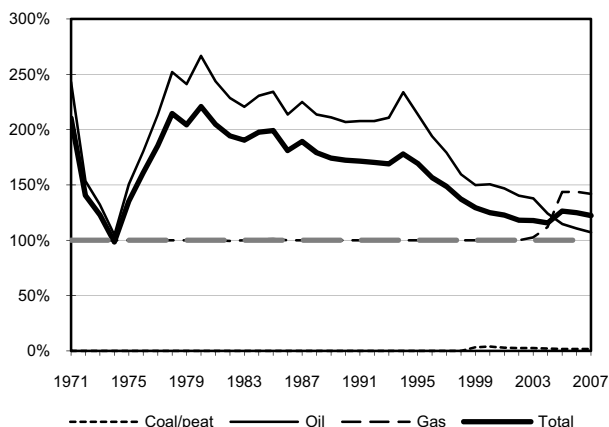


Figure 4. Oil products demand***

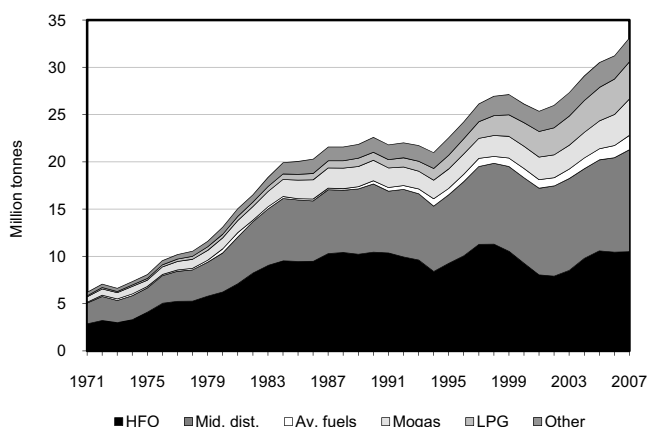


Figure 5. Electricity generation by fuel

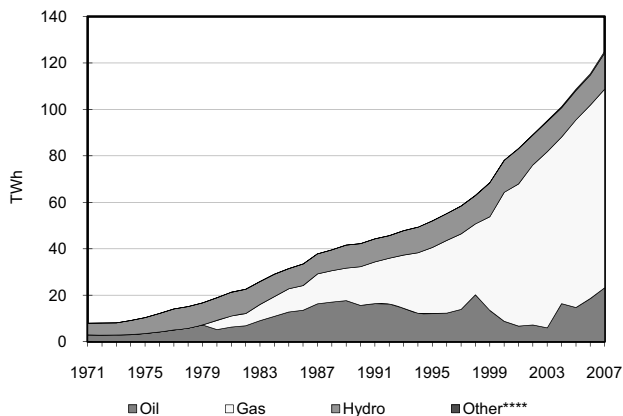
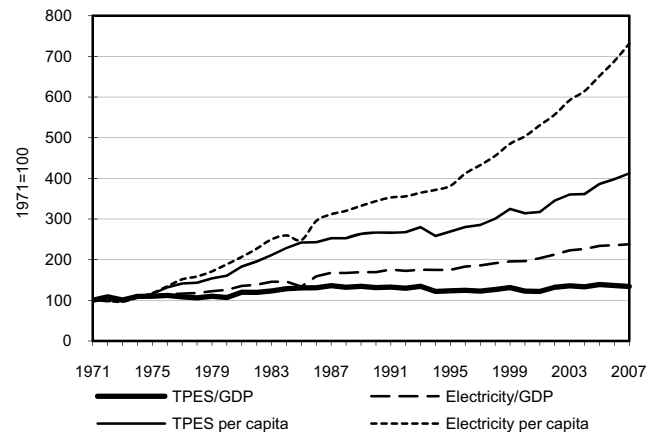


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Egypt / Egypte

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|--------------|--------------------|--------------|----------|-------------|----------------------|-------------------------|-------------|----------|--------------|
| Production | 15 | 32495 | - | 44578 | - | 1112 | 53 | 1477 | - | - | 79730 |
| Imports | 1227 | 2433 | 3670 | - | - | - | - | 1 | 18 | - | 7349 |
| Exports | -372 | -2908 | -4538 | -13580 | - | - | - | -22 | -48 | - | -21468 |
| Intl. marine bunkers | - | - | -1055 | - | - | - | - | - | - | - | -1055 |
| Intl. aviation bunkers | - | - | -827 | - | - | - | - | - | - | - | -827 |
| Stock changes | - | - | 93 | - | - | - | - | - | - | - | 93 |
| TPES | 871 | 32020 | -2657 | 30997 | - | 1112 | 53 | 1456 | -30 | - | 63822 |
| Electricity and CHP plants | - | - | -4316 | -17464 | - | -1112 | -53 | - | 9925 | - | -13020 |
| Petroleum refineries | - | -31905 | 31345 | - | - | - | - | - | - | - | -560 |
| Other transformation* | -460 | -116 | 134 | -3856 | - | - | - | - | -1429 | - | -5727 |
| TFC | 411 | - | 24505 | 9677 | - | - | - | 1456 | 8466 | - | 44516 |
| INDUSTRY SECTOR | 411 | - | 6254 | 6210 | - | - | - | 743 | 2973 | - | 16591 |
| Iron and steel | 411 | - | - | - | - | - | - | - | - | - | 411 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 6254 | 6210 | - | - | - | 743 | 2973 | - | 16180 |
| TRANSPORT SECTOR | - | - | 10530 | 282 | - | - | - | - | - | - | 10812 |
| Domestic aviation | - | - | 539 | - | - | - | - | - | - | - | 539 |
| Road | - | - | 9581 | 282 | - | - | - | - | - | - | 9863 |
| Other/non-specified | - | - | 410 | - | - | - | - | - | - | - | 410 |
| OTHER SECTORS | - | - | 5926 | 697 | - | - | - | 713 | 5493 | - | 12829 |
| Residential | - | - | 4143 | 697 | - | - | - | 713 | 3147 | - | 8700 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 1414 | - | 1414 |
| Agriculture/forestry | - | - | 1783 | - | - | - | - | - | 326 | - | 2109 |
| Other/non-specified | - | - | - | - | - | - | - | - | 606 | - | 606 |
| NON-ENERGY USE | - | - | 1795 | 2488 | - | - | - | - | - | - | 4284 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 18606 | 83260 | - | 12925 | 616 | - | - | - | 115407 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|--------------|-----------|-------------|------------------------|----------------------|-------------|----------|--------------|
| Production | 15 | 33440 | - | 45906 | - | 1334 | 71 | 1503 | - | - | 82270 |
| Imports | 1202 | 2446 | 4063 | - | - | - | - | 1 | 22 | - | 7733 |
| Exports | -349 | -2205 | -4721 | -13556 | - | - | - | -22 | -70 | - | -20923 |
| Intl. marine bunkers | - | - | -968 | - | - | - | - | - | - | - | -968 |
| Intl. aviation bunkers | - | - | -1030 | - | - | - | - | - | - | - | -1030 |
| Stock changes | - | - | 165 | - | - | - | - | - | - | - | 165 |
| TPES | 868 | 33680 | -2492 | 32350 | - | 1334 | 71 | 1482 | -48 | - | 67246 |
| Electricity and CHP plants | - | - | -4502 | -17944 | - | -1334 | -71 | - | 10761 | - | -13091 |
| Petroleum refineries | - | -33050 | 33010 | - | - | - | - | - | - | - | -40 |
| Other transformation* | -459 | -631 | 137 | -4080 | - | - | - | - | -1545 | - | -6577 |
| TFC | 409 | - | 26152 | 10326 | - | - | - | 1482 | 9167 | - | 47537 |
| INDUSTRY SECTOR | 409 | - | 6071 | 6699 | - | - | - | 756 | 3186 | - | 17121 |
| Iron and steel | 409 | - | - | - | - | - | - | - | - | - | 409 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 6071 | 6699 | - | - | - | 756 | 3186 | - | 16712 |
| TRANSPORT SECTOR | - | - | 11792 | 301 | - | - | - | - | - | - | 12093 |
| Domestic aviation | - | - | 584 | - | - | - | - | - | - | - | 584 |
| Road | - | - | 10776 | 301 | - | - | - | - | - | - | 11076 |
| Other/non-specified | - | - | 432 | - | - | - | - | - | - | - | 433 |
| OTHER SECTORS | - | - | 6447 | 737 | - | - | - | 726 | 5981 | - | 13891 |
| Residential | - | - | 4508 | 737 | - | - | - | 726 | 3463 | - | 9433 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 1447 | - | 1447 |
| Agriculture/forestry | - | - | 1939 | - | - | - | - | - | 362 | - | 2301 |
| Other/non-specified | - | - | - | - | - | - | - | - | 709 | - | 709 |
| NON-ENERGY USE | - | - | 1842 | 2590 | - | - | - | - | - | - | 4432 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 23239 | 85549 | - | 15510 | 831 | - | - | - | 125129 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

El Salvador

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|------------|--------------------|-----|---------|------------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | - | - | - | - | 169 | 980 | 1482 | - | - | 2631 |
| Imports | 1 | 901 | 1306 | - | - | - | - | 7 | 1 | - | 2216 |
| Exports | - | - | -90 | - | - | - | - | - | -1 | - | -90 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -78 | - | - | - | - | - | - | - | -78 |
| Stock changes | - | 2 | -56 | - | - | - | - | - | - | - | -54 |
| TPES | 1 | 903 | 1082 | - | - | 169 | 980 | 1489 | - | - | 4625 |
| Electricity and CHP plants | - | - | -382 | - | - | -169 | -980 | -124 | 481 | - | -1174 |
| Petroleum refineries | - | -903 | 860 | - | - | - | - | - | - | - | -43 |
| Other transformation* | - | - | -21 | - | - | - | - | -11 | -80 | - | -113 |
| TFC | - | - | 1539 | - | - | - | - | 1354 | 401 | - | 3294 |
| INDUSTRY SECTOR | - | - | 363 | - | - | - | - | 225 | 213 | - | 800 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 363 | - | - | - | - | 225 | 213 | - | 800 |
| TRANSPORT SECTOR | - | - | 926 | - | - | - | - | - | - | - | 926 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 926 | - | - | - | - | - | - | - | 926 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 230 | - | - | - | - | 1129 | 188 | - | 1547 |
| Residential | - | - | 228 | - | - | - | - | 1112 | 136 | - | 1476 |
| Comm. and publ. services | - | - | 2 | - | - | - | - | 17 | 46 | - | 65 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 6 | - | 6 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 20 | - | - | - | - | - | - | - | 20 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 2461 | - | - | 1962 | 1140 | 34 | - | - | 5597 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|------------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | - | - | - | - | 150 | 1188 | 1493 | - | - | 2831 |
| Imports | 1 | 1051 | 1355 | - | - | - | - | 7 | 3 | - | 2418 |
| Exports | - | - | -178 | - | - | - | - | - | -1 | - | -178 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -100 | - | - | - | - | - | - | - | -100 |
| Stock changes | - | -86 | - | - | - | - | - | - | - | - | -86 |
| TPES | 1 | 966 | 1078 | - | - | 150 | 1188 | 1500 | 3 | - | 4884 |
| Electricity and CHP plants | - | - | -520 | - | - | -150 | -1188 | -117 | 499 | - | -1475 |
| Petroleum refineries | - | -966 | 954 | - | - | - | - | - | - | - | -12 |
| Other transformation* | - | - | 11 | - | - | - | - | -12 | -27 | - | -28 |
| TFC | - | - | 1522 | - | - | - | - | 1372 | 475 | - | 3369 |
| INDUSTRY SECTOR | - | - | 357 | - | - | - | - | 228 | 246 | - | 831 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 357 | - | - | - | - | 228 | 246 | - | 831 |
| TRANSPORT SECTOR | - | - | 921 | - | - | - | - | - | - | - | 921 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 921 | - | - | - | - | - | - | - | 921 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 224 | - | - | - | - | 1144 | 229 | - | 1597 |
| Residential | - | - | 221 | - | - | - | - | 1127 | 167 | - | 1515 |
| Comm. and publ. services | - | - | 3 | - | - | - | - | 17 | 54 | - | 74 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 7 | - | 7 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 21 | - | - | - | - | - | - | - | 21 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 2653 | - | - | 1739 | 1382 | 32 | - | - | 5806 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Eritrea / Erythré

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|-----|---------|-------|----------------------|-------------------------|-------------|------|------------|
| Production | - | - | - | - | - | - | - | 514 | - | - | 515 |
| Imports | - | - | 160 | - | - | - | - | - | - | - | 160 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -7 | - | - | - | - | - | - | - | -7 |
| Stock changes | - | - | 32 | - | - | - | - | - | - | - | 32 |
| TPES | - | - | 184 | - | - | - | - | 514 | - | - | 699 |
| Electricity and CHP plants | - | - | -58 | - | - | - | - | - | 23 | - | -35 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | -10 | - | - | - | - | -160 | -4 | - | -173 |
| TFC | - | - | 116 | - | - | - | - | 355 | 19 | - | 490 |
| INDUSTRY SECTOR | - | - | 8 | - | - | - | - | - | 5 | - | 13 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 8 | - | - | - | - | - | 5 | - | 13 |
| TRANSPORT SECTOR | - | - | 45 | - | - | - | - | - | - | - | 45 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 45 | - | - | - | - | - | - | - | 45 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 57 | - | - | - | - | 355 | 14 | - | 426 |
| Residential | - | - | 22 | - | - | - | - | 339 | 8 | - | 370 |
| Comm. and publ. services | - | - | 35 | - | - | - | - | 15 | 5 | - | 56 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 1 | - | 1 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 7 | - | - | - | - | - | - | - | 7 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 267 | - | - | - | 2 | - | - | - | 269 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|-------|------------------------|----------------------|-------------|---------|------------|
| Production | - | - | - | - | - | - | - | 530 | - | - | 530 |
| Imports | - | - | 163 | - | - | - | - | - | - | - | 163 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -5 | - | - | - | - | - | - | - | -5 |
| Stock changes | - | - | 33 | - | - | - | - | - | - | - | 33 |
| TPES | - | - | 191 | - | - | - | - | 530 | - | - | 721 |
| Electricity and CHP plants | - | - | -60 | - | - | - | - | - | 25 | - | -36 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | -20 | - | - | - | - | -165 | -4 | - | -190 |
| TFC | - | - | 110 | - | - | - | - | 364 | 20 | - | 495 |
| INDUSTRY SECTOR | - | - | 7 | - | - | - | - | - | 6 | - | 12 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 7 | - | - | - | - | - | 6 | - | 12 |
| TRANSPORT SECTOR | - | - | 39 | - | - | - | - | - | - | - | 39 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 39 | - | - | - | - | - | - | - | 39 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 57 | - | - | - | - | 364 | 15 | - | 436 |
| Residential | - | - | 22 | - | - | - | - | 349 | 9 | - | 379 |
| Comm. and publ. services | - | - | 35 | - | - | - | - | 16 | 6 | - | 56 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 1 | - | 1 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 7 | - | - | - | - | - | - | - | 7 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 286 | - | - | - | 2 | - | - | - | 288 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Estonia / Estonie

Figure 1. Energy production

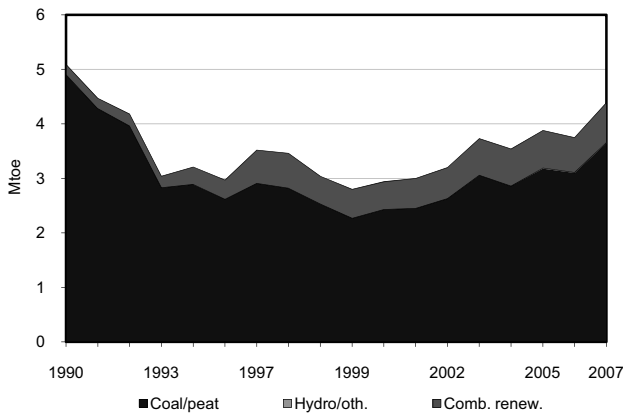


Figure 2. Total primary energy supply*

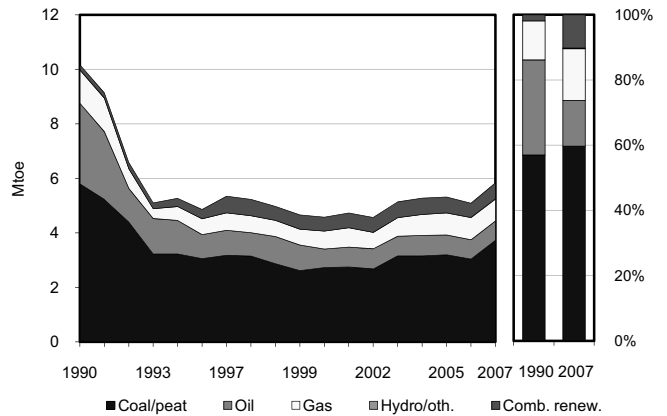


Figure 3. Energy self-sufficiency**

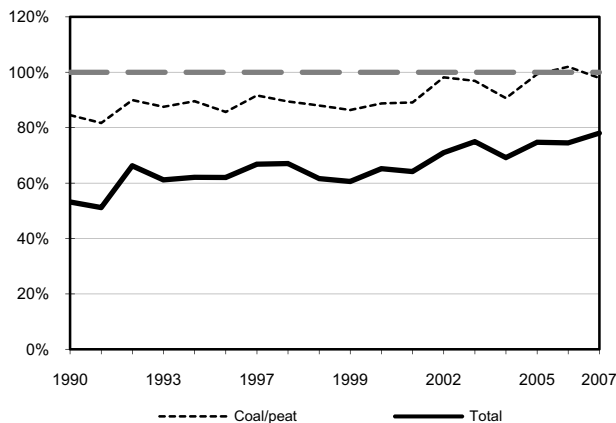


Figure 4. Oil products demand***

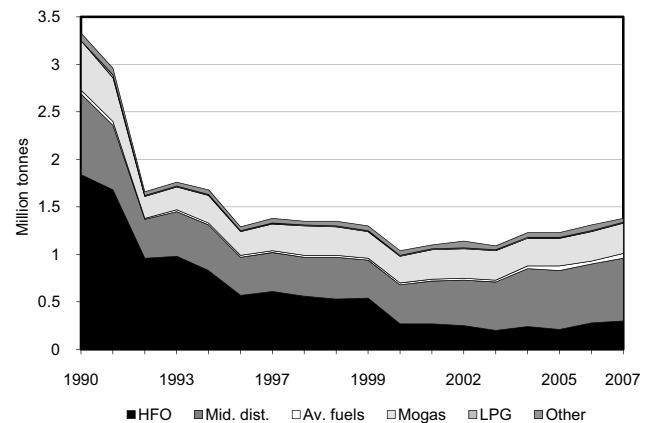


Figure 5. Electricity generation by fuel

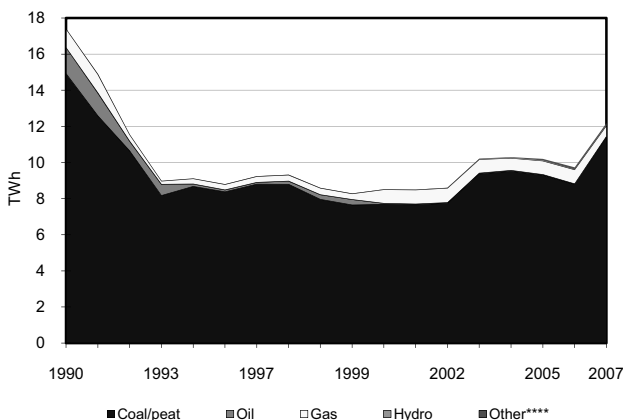
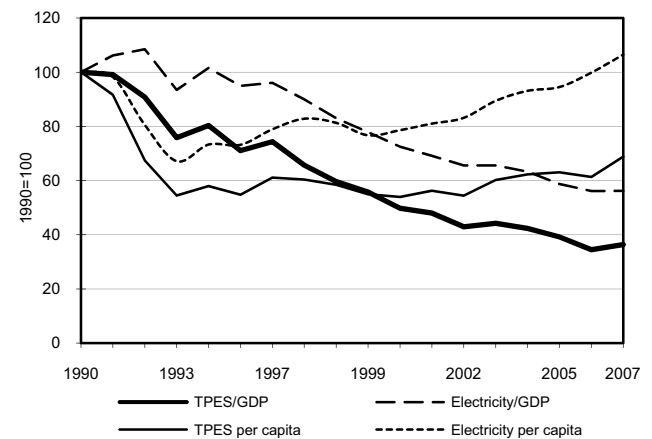


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international marine bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Estonia / Estonie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 3099 | - | - | - | - | 1 | 7 | 637 | - | - | 3744 |
| Imports | 62 | - | 1246 | 808 | - | - | - | - | 22 | - | 2138 |
| Exports | -64 | -228 | - | - | - | - | - | -125 | -86 | - | -503 |
| Intl. marine bunkers | - | - | -210 | - | - | - | - | - | - | - | -210 |
| Intl. aviation bunkers | - | - | -29 | - | - | - | - | - | - | - | -29 |
| Stock changes | -58 | - | -69 | - | - | - | - | 11 | - | - | -115 |
| TPES | 3039 | -228 | 939 | 808 | - | 1 | 7 | 523 | -64 | - | 5024 |
| Transfers | - | -130 | 135 | - | - | - | - | - | - | - | 5 |
| Statistical differences | 83 | - | - | - | - | - | - | - | - | - | 83 |
| Electricity plants | -1954 | - | - | -45 | - | -1 | -7 | - | 747 | - | -1259 |
| CHP plants | -212 | - | -1 | -193 | - | - | - | -7 | 90 | 222 | -101 |
| Heat plants | -41 | - | -70 | -268 | - | - | - | -110 | -1 | 423 | -68 |
| Gas works | -240 | - | - | 109 | - | - | - | - | - | - | -131 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Coal transformation | -22 | - | - | - | - | - | - | - | - | - | -22 |
| Liquefaction plants | -528 | 358 | - | - | - | - | - | - | - | - | -170 |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -15 | - | -13 | -21 | - | - | - | -1 | -122 | -11 | -183 |
| Distribution losses | - | - | - | - | - | - | - | - | -93 | -95 | -187 |
| TFC | 110 | - | 990 | 390 | - | - | - | 404 | 557 | 539 | 2990 |
| INDUSTRY SECTOR | 85 | - | 82 | 116 | - | - | - | 84 | 201 | 63 | 631 |
| Iron and steel | - | - | - | 1 | - | - | - | - | 1 | - | 1 |
| Chemical and petrochemical | - | - | 2 | 2 | - | - | - | - | 31 | 18 | 53 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | 1 | - | 1 |
| Non-metallic minerals | 84 | - | 3 | 20 | - | - | - | 1 | 18 | 3 | 129 |
| Transport equipment | 1 | - | 3 | 1 | - | - | - | - | 5 | 1 | 11 |
| Machinery | - | - | 5 | 8 | - | - | - | 2 | 18 | 6 | 40 |
| Mining and quarrying | - | - | 5 | 6 | - | - | - | - | 2 | - | 12 |
| Food and tobacco | - | - | 16 | 27 | - | - | - | 1 | 25 | 7 | 76 |
| Paper pulp and printing | - | - | 1 | 18 | - | - | - | 3 | 23 | 1 | 46 |
| Wood and wood products | - | - | 11 | 10 | - | - | - | 63 | 31 | 2 | 118 |
| Construction | - | - | 27 | 9 | - | - | - | - | 9 | 3 | 48 |
| Textile and leather | 1 | - | 5 | 8 | - | - | - | - | 17 | 14 | 45 |
| Non-specified | - | - | 3 | 6 | - | - | - | 13 | 20 | 8 | 50 |
| TRANSPORT SECTOR | - | - | 761 | - | - | - | - | - | 7 | - | 768 |
| Domestic aviation | - | - | 3 | - | - | - | - | - | - | - | 3 |
| Road | - | - | 707 | - | - | - | - | - | - | - | 707 |
| Rail | - | - | 45 | - | - | - | - | - | 1 | - | 46 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 6 | - | - | - | - | - | - | - | 6 |
| Non-specified | - | - | - | - | - | - | - | - | 6 | - | 6 |
| OTHER SECTORS | 23 | - | 93 | 102 | - | - | - | 320 | 349 | 476 | 1362 |
| Residential | 18 | - | 10 | 46 | - | - | - | 289 | 144 | 374 | 881 |
| Comm. and publ. services | 4 | - | 26 | 49 | - | - | - | 21 | 186 | 100 | 387 |
| Agriculture/forestry | - | - | 56 | 7 | - | - | - | 10 | 18 | 2 | 93 |
| Fishing | - | - | - | - | - | - | - | - | 1 | - | 1 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | 2 | - | 54 | 172 | - | - | - | - | - | - | 228 |
| in industry/transf./energy | 2 | - | 52 | 172 | - | - | - | - | - | - | 226 |
| <i>of which: feedstocks</i> | - | - | - | 172 | - | - | - | - | - | - | 172 |
| in transport | - | - | 2 | - | - | - | - | - | - | - | 2 |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 8789 | - | 30 | 783 | - | 13 | 76 | 40 | - | - | 9731 |
| <i>Electricity plants</i> | 8386 | - | 26 | 185 | - | 13 | 76 | 2 | - | - | 8688 |
| <i>CHP plants</i> | 403 | - | 4 | 598 | - | - | - | 38 | - | - | 1043 |
| Heat generated - TJ | 5847 | - | 2084 | 15308 | - | - | - | 3750 | - | - | 26989 |
| <i>CHP plants</i> | 4332 | - | 30 | 4857 | - | - | - | 58 | - | - | 9277 |
| <i>Heat plants</i> | 1515 | - | 2054 | 10451 | - | - | - | 3692 | - | - | 17712 |

Estonia / Estonie

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|------------------|--------------|---------------------|------------|-----------|----------|------------------------|-------------------------|-------------|------------|-------------|
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | 3652 | - | - | - | - | 2 | 8 | 735 | - | - | 4396 |
| Imports | 114 | - | 1390 | 803 | - | - | - | - | 30 | - | 2337 |
| Exports | -82 | -334 | - | - | - | - | - | -141 | -238 | - | -796 |
| Intl. marine bunkers | - | - | -244 | - | - | - | - | - | - | - | -244 |
| Intl. aviation bunkers | - | - | -50 | - | - | - | - | - | - | - | -50 |
| Stock changes | 45 | - | -54 | - | - | - | - | -2 | - | - | -11 |
| TPES | 3729 | -334 | 1042 | 803 | - | 2 | 8 | 592 | -208 | - | 5633 |
| Transfers | - | -65 | 68 | - | - | - | - | - | - | - | 3 |
| Statistical differences | -12 | - | -4 | - | - | - | - | - | - | - | -16 |
| Electricity plants | -2374 | - | -9 | -40 | - | -2 | -8 | -1 | 972 | - | -1460 |
| CHP plants | -330 | - | -2 | -154 | - | - | - | -9 | 76 | 188 | -230 |
| Heat plants | -41 | - | -44 | -312 | - | - | - | -91 | -2 | 433 | -57 |
| Gas works | -273 | - | - | 119 | - | - | - | - | - | - | -154 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Coal transformation | -18 | - | - | - | - | - | - | - | - | - | -18 |
| Liquefaction plants | -491 | 399 | - | - | - | - | - | - | - | - | -92 |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -17 | - | -24 | -22 | - | - | - | -2 | -139 | -9 | -213 |
| Distribution losses | - | - | - | - | - | - | - | - | -116 | -93 | -209 |
| TFC | 172 | - | 1026 | 394 | - | - | - | 489 | 583 | 520 | 3185 |
| INDUSTRY SECTOR | 154 | - | 84 | 131 | - | - | - | 85 | 205 | 57 | 716 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | 1 |
| Chemical and petrochemical | - | - | 2 | 9 | - | - | - | 1 | 27 | 17 | 57 |
| Non-ferrous metals | 1 | - | - | 2 | - | - | - | - | 1 | - | 3 |
| Non-metallic minerals | 153 | - | 5 | 21 | - | - | - | 1 | 22 | 4 | 207 |
| Transport equipment | - | - | 3 | 1 | - | - | - | - | 5 | 1 | 10 |
| Machinery | - | - | 6 | 9 | - | - | - | 1 | 19 | 6 | 41 |
| Mining and quarrying | - | - | 5 | 6 | - | - | - | - | 2 | - | 13 |
| Food and tobacco | - | - | 15 | 27 | - | - | - | 2 | 27 | 6 | 77 |
| Paper pulp and printing | - | - | 1 | 20 | - | - | - | 3 | 30 | 1 | 54 |
| Wood and wood products | - | - | 11 | 9 | - | - | - | 53 | 29 | 1 | 104 |
| Construction | - | - | 26 | 13 | - | - | - | 1 | 9 | 3 | 51 |
| Textile and leather | - | - | 7 | 8 | - | - | - | - | 13 | 11 | 40 |
| Non-specified | - | - | 2 | 5 | - | - | - | 23 | 21 | 7 | 58 |
| TRANSPORT SECTOR | - | - | 805 | - | - | - | - | - | 7 | - | 812 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 750 | - | - | - | - | - | - | - | 750 |
| Rail | - | - | 38 | - | - | - | - | - | 1 | - | 39 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 17 | - | - | - | - | - | - | - | 17 |
| Non-specified | - | - | - | - | - | - | - | - | 6 | - | 6 |
| OTHER SECTORS | 16 | - | 98 | 98 | - | - | - | 404 | 371 | 463 | 1450 |
| Residential | 11 | - | 8 | 49 | - | - | - | 379 | 152 | 362 | 961 |
| Comm. and publ. services | 5 | - | 26 | 42 | - | - | - | 22 | 202 | 99 | 396 |
| Agriculture/forestry | 1 | - | 63 | 7 | - | - | - | 3 | 16 | 2 | 92 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | 2 | - | 40 | 166 | - | - | - | - | - | - | 208 |
| in industry/transf./energy | 2 | - | 36 | 166 | - | - | - | - | - | - | 204 |
| <i>of which: feedstocks</i> | - | - | - | 166 | - | - | - | - | - | - | 166 |
| in transport | - | - | 3 | - | - | - | - | - | - | - | 3 |
| in other sectors | - | - | 1 | - | - | - | - | - | - | - | 1 |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|--------------|----------|-------------|--------------|----------|-----------|-----------|-------------|----------|----------|--------------|
| Electr. generated - GWh | 11421 | - | 34 | 590 | - | 21 | 91 | 33 | - | - | 12190 |
| <i>Electricity plants</i> | 10996 | - | 27 | 168 | - | 21 | 91 | 4 | - | - | 11307 |
| <i>CHP plants</i> | 425 | - | 7 | 422 | - | - | - | 29 | - | - | 883 |
| Heat generated - TJ | 5090 | - | 1439 | 16189 | - | - | - | 3324 | - | - | 26042 |
| <i>CHP plants</i> | 3896 | - | 42 | 3880 | - | - | - | 74 | - | - | 7892 |
| <i>Heat plants</i> | 1194 | - | 1397 | 12309 | - | - | - | 3250 | - | - | 18150 |

Ethiopia / Ethiopie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|-----|---------|------------|----------------------|-------------------------|-------------|------|--------------|
| Production | - | - | - | - | - | 280 | - | 20076 | - | - | 20357 |
| Imports | - | - | 1739 | - | - | - | - | - | - | - | 1739 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -189 | - | - | - | - | - | - | - | -189 |
| Stock changes | - | - | 224 | - | - | - | - | - | - | - | 224 |
| TPES | - | - | 1774 | - | - | 280 | - | 20076 | - | - | 22131 |
| Electricity and CHP plants | - | - | -3 | - | - | -280 | - | - | 281 | - | -2 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | -33 | - | - | - | - | -741 | -60 | - | -834 |
| TFC | - | - | 1738 | - | - | - | - | 19335 | 221 | - | 21294 |
| INDUSTRY SECTOR | - | - | 410 | - | - | - | - | - | 77 | - | 487 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 410 | - | - | - | - | - | 77 | - | 487 |
| TRANSPORT SECTOR | - | - | 1036 | - | - | - | - | - | - | - | 1036 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1036 | - | - | - | - | - | - | - | 1036 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 254 | - | - | - | - | 19335 | 144 | - | 19733 |
| Residential | - | - | 254 | - | - | - | - | 163 | 84 | - | 502 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 55 | - | 55 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | 19172 | 5 | - | 19176 |
| NON-ENERGY USE | - | - | 37 | - | - | - | - | - | - | - | 37 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 10 | - | - | 3259 | - | - | - | - | 3269 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|------------|------------------------|----------------------|-------------|---------|--------------|
| Production | - | - | - | - | - | 290 | - | 20573 | - | - | 20862 |
| Imports | - | - | 1984 | - | - | - | - | - | - | - | 1984 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -233 | - | - | - | - | - | - | - | -233 |
| Stock changes | - | - | 192 | - | - | - | - | - | - | - | 192 |
| TPES | - | - | 1943 | - | - | 290 | - | 20573 | - | - | 22805 |
| Electricity and CHP plants | - | - | -41 | - | - | -290 | - | - | 301 | - | -30 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | 25 | - | - | - | - | -760 | -30 | - | -765 |
| TFC | - | - | 1926 | - | - | - | - | 19813 | 271 | - | 22010 |
| INDUSTRY SECTOR | - | - | 461 | - | - | - | - | - | 106 | - | 566 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 461 | - | - | - | - | - | 106 | - | 566 |
| TRANSPORT SECTOR | - | - | 1150 | - | - | - | - | - | - | - | 1150 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1150 | - | - | - | - | - | - | - | 1150 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 278 | - | - | - | - | 19813 | 165 | - | 20256 |
| Residential | - | - | 278 | - | - | - | - | 168 | 93 | - | 539 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 68 | - | 68 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | 19645 | 4 | - | 19649 |
| NON-ENERGY USE | - | - | 37 | - | - | - | - | - | - | - | 37 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 133 | - | - | 3369 | - | - | - | - | 3502 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Gabon

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|------------|--------------------|------------|---------|-----------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | 10929 | - | 114 | - | 81 | - | 1031 | - | - | 12156 |
| Imports | - | - | 202 | - | - | - | - | - | - | - | 202 |
| Exports | - | -10225 | -310 | - | - | - | - | - | - | - | -10535 |
| Intl. marine bunkers | - | - | -152 | - | - | - | - | - | - | - | -152 |
| Intl. aviation bunkers | - | - | -67 | - | - | - | - | - | - | - | -67 |
| Stock changes | - | - | 164 | - | - | - | - | - | - | - | 164 |
| TPES | - | 704 | -163 | 114 | - | 81 | - | 1031 | - | - | 1768 |
| Electricity and CHP plants | - | - | -115 | -118 | - | -81 | - | -6 | 149 | - | -171 |
| Petroleum refineries | - | -704 | 668 | - | - | - | - | - | - | - | -37 |
| Other transformation* | - | - | 102 | 5 | - | - | - | - | -37 | - | 70 |
| TFC | - | - | 492 | 1 | - | - | - | 1025 | 112 | - | 1630 |
| INDUSTRY SECTOR | - | - | 254 | 1 | - | - | - | 200 | 30 | - | 486 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 254 | 1 | - | - | - | 200 | 30 | - | 486 |
| TRANSPORT SECTOR | - | - | 143 | - | - | - | - | - | - | - | 143 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 143 | - | - | - | - | - | - | - | 143 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 79 | - | - | - | - | 825 | 81 | - | 985 |
| Residential | - | - | 38 | - | - | - | - | 825 | 58 | - | 921 |
| Comm. and publ. services | - | - | 29 | - | - | - | - | - | 17 | - | 46 |
| Agriculture/forestry | - | - | 11 | - | - | - | - | - | - | - | 11 |
| Other/non-specified | - | - | - | - | - | - | - | - | 6 | - | 6 |
| NON-ENERGY USE | - | - | 16 | - | - | - | - | - | - | - | 16 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 510 | 270 | - | 945 | - | 7 | - | - | 1732 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|------------|-----------|-----------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | 10743 | - | 130 | - | 69 | - | 1046 | - | - | 11988 |
| Imports | - | - | 235 | - | - | - | - | - | - | - | 235 |
| Exports | - | -9925 | -339 | - | - | - | - | - | - | - | -10264 |
| Intl. marine bunkers | - | - | -152 | - | - | - | - | - | - | - | -152 |
| Intl. aviation bunkers | - | - | -55 | - | - | - | - | - | - | - | -55 |
| Stock changes | - | - | 96 | - | - | - | - | - | - | - | 96 |
| TPES | - | 818 | -216 | 130 | - | 69 | - | 1046 | - | - | 1848 |
| Electricity and CHP plants | - | - | -165 | -134 | - | -69 | - | -6 | 159 | - | -215 |
| Petroleum refineries | - | -818 | 778 | - | - | - | - | - | - | - | -40 |
| Other transformation* | - | - | 171 | 5 | - | - | - | - | -39 | - | 137 |
| TFC | - | - | 568 | 2 | - | - | - | 1040 | 119 | - | 1729 |
| INDUSTRY SECTOR | - | - | 293 | 2 | - | - | - | 203 | 32 | - | 530 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 293 | 2 | - | - | - | 203 | 32 | - | 530 |
| TRANSPORT SECTOR | - | - | 166 | - | - | - | - | - | - | - | 166 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 166 | - | - | - | - | - | - | - | 166 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 94 | - | - | - | - | 837 | 87 | - | 1017 |
| Residential | - | - | 45 | - | - | - | - | 837 | 62 | - | 944 |
| Comm. and publ. services | - | - | 35 | - | - | - | - | - | 18 | - | 53 |
| Agriculture/forestry | - | - | 13 | - | - | - | - | - | - | - | 13 |
| Other/non-specified | - | - | - | - | - | - | - | - | 7 | - | 7 |
| NON-ENERGY USE | - | - | 16 | - | - | - | - | - | - | - | 16 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 741 | 295 | - | 801 | - | 7 | - | - | 1844 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Georgia / Géorgie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|-------------|----------|------------|----------------------|-------------------------|-------------|-----------|-------------|
| Production | 4 | 64 | - | 15 | - | 457 | 14 | 373 | - | - | 928 |
| Imports | 3 | 8 | 783 | 1365 | - | - | - | - | 65 | - | 2224 |
| Exports | - | -53 | -15 | - | - | - | - | - | -12 | - | -81 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -38 | - | - | - | - | - | - | - | -38 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 7 | 19 | 730 | 1380 | - | 457 | 14 | 373 | 53 | - | 3033 |
| Electricity and CHP plants | - | - | -20 | -457 | - | -457 | - | - | 627 | 33 | -275 |
| Petroleum refineries | - | -13 | 11 | - | - | - | - | - | - | - | -2 |
| Other transformation* | - | -6 | - | -314 | - | - | - | - | -192 | -4 | -516 |
| TFC | 7 | - | 721 | 609 | - | - | 14 | 373 | 488 | 29 | 2240 |
| INDUSTRY SECTOR | 4 | - | 21 | 150 | - | - | - | - | 58 | 11 | 244 |
| Iron and steel | - | - | - | 4 | - | - | - | - | 30 | 3 | 37 |
| Chemical and petrochemical | - | - | - | 24 | - | - | - | - | 8 | 3 | 35 |
| Non-metallic minerals | - | - | 4 | 16 | - | - | - | - | 5 | 2 | 26 |
| Other/non-specified | 4 | - | 17 | 106 | - | - | - | - | 15 | 3 | 146 |
| TRANSPORT SECTOR | - | - | 513 | 22 | - | - | - | - | 28 | - | 562 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 513 | 13 | - | - | - | - | - | - | 525 |
| Other/non-specified | - | - | - | 9 | - | - | - | - | 28 | - | 37 |
| OTHER SECTORS | 4 | - | 117 | 264 | - | - | 14 | 373 | 401 | 18 | 1191 |
| Residential | 4 | - | 60 | 181 | - | - | 8 | 329 | 234 | 9 | 823 |
| Comm. and publ. services | - | - | 2 | 25 | - | - | 6 | 24 | 167 | 6 | 230 |
| Agriculture/forestry | - | - | 56 | 52 | - | - | - | 20 | - | 4 | 132 |
| Other/non-specified | - | - | - | 5 | - | - | - | - | - | - | 5 |
| NON-ENERGY USE | - | - | 69 | 174 | - | - | - | - | - | - | 243 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 24 | 1948 | - | 5315 | - | - | - | - | 7287 |
| Heat generated - TJ | - | - | - | 1371 | - | - | - | - | - | - | 1371 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-------------|-----------|------------|------------------------|----------------------|-------------|-----------|-------------|
| Production | 6 | 57 | - | 13 | - | 586 | 16 | 394 | - | - | 1073 |
| Imports | 15 | 14 | 972 | 1379 | - | - | - | - | 37 | - | 2417 |
| Exports | - | -31 | -15 | - | - | - | - | - | -54 | - | -101 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -48 | - | - | - | - | - | - | - | -48 |
| Stock changes | - | 2 | - | - | - | - | - | - | - | - | 2 |
| TPES | 21 | 42 | 908 | 1393 | - | 586 | 16 | 394 | -17 | - | 3343 |
| Electricity and CHP plants | - | - | -20 | -582 | - | -586 | - | - | 716 | 38 | -434 |
| Petroleum refineries | - | -42 | 37 | - | - | - | - | - | - | - | -6 |
| Other transformation* | - | - | 2 | -281 | - | - | - | - | -198 | -6 | -483 |
| TFC | 21 | - | 926 | 529 | - | - | 16 | 394 | 501 | 32 | 2421 |
| INDUSTRY SECTOR | 1 | - | 34 | 164 | - | - | - | - | 60 | 13 | 271 |
| Iron and steel | - | - | - | 5 | - | - | - | - | 30 | 3 | 39 |
| Chemical and petrochemical | - | - | - | 29 | - | - | - | - | 8 | 4 | 41 |
| Non-metallic minerals | - | - | 6 | 17 | - | - | - | - | 5 | 2 | 30 |
| Other/non-specified | 1 | - | 28 | 113 | - | - | - | - | 17 | 4 | 161 |
| TRANSPORT SECTOR | 8 | - | 645 | 25 | - | - | - | - | 29 | - | 707 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 645 | 14 | - | - | - | - | - | - | 659 |
| Other/non-specified | 8 | - | - | 11 | - | - | - | - | 29 | - | 48 |
| OTHER SECTORS | 12 | - | 147 | 271 | - | - | 16 | 394 | 413 | 19 | 1272 |
| Residential | 4 | - | 73 | 188 | - | - | 7 | 349 | 240 | 10 | 871 |
| Comm. and publ. services | 2 | - | 3 | 28 | - | - | 9 | 40 | 172 | 6 | 261 |
| Agriculture/forestry | 6 | - | 71 | 55 | - | - | - | - | - | 3 | 135 |
| Other/non-specified | - | - | - | - | - | - | - | 5 | - | - | 5 |
| NON-ENERGY USE | - | - | 101 | 69 | - | - | - | - | - | - | 170 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 24 | 1490 | - | 6815 | - | - | - | - | 8329 |
| Heat generated - TJ | - | - | - | 1591 | - | - | - | - | - | - | 1591 |

* Includes transfers, statistical differences, own use and distribution losses.

Ghana

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|-----|---------|------------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | - | - | - | - | 483 | - | 6021 | - | - | 6504 |
| Imports | - | 1744 | 1493 | - | - | - | - | - | 54 | - | 3291 |
| Exports | - | - | -231 | - | - | - | - | -4 | -65 | - | -299 |
| Intl. marine bunkers | - | - | -40 | - | - | - | - | - | - | - | -40 |
| Intl. aviation bunkers | - | - | -167 | - | - | - | - | - | - | - | -167 |
| Stock changes | - | - | 6 | - | - | - | - | - | - | - | 6 |
| TPES | - | 1744 | 1061 | - | - | 483 | - | 6017 | -11 | - | 9295 |
| Electricity and CHP plants | - | -765 | - | - | - | -483 | - | - | 725 | - | -523 |
| Petroleum refineries | - | -979 | 959 | - | - | - | - | - | - | - | -20 |
| Other transformation* | - | - | 44 | - | - | - | - | -1477 | -153 | - | -1587 |
| TFC | - | - | 2064 | - | - | - | - | 4541 | 561 | - | 7166 |
| INDUSTRY SECTOR | - | - | 353 | - | - | - | - | 414 | 309 | - | 1076 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 353 | - | - | - | - | 414 | 309 | - | 1076 |
| TRANSPORT SECTOR | - | - | 1205 | - | - | - | - | - | - | - | 1205 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1129 | - | - | - | - | - | - | - | 1129 |
| Other/non-specified | - | - | 76 | - | - | - | - | - | - | - | 76 |
| OTHER SECTORS | - | - | 431 | - | - | - | - | 4127 | 252 | - | 4810 |
| Residential | - | - | 181 | - | - | - | - | 4127 | 179 | - | 4487 |
| Comm. and publ. services | - | - | 24 | - | - | - | - | - | 72 | - | 97 |
| Agriculture/forestry | - | - | 226 | - | - | - | - | - | - | - | 226 |
| Other/non-specified | - | - | - | - | - | - | - | - | 1 | - | 1 |
| NON-ENERGY USE | - | - | 75 | - | - | - | - | - | - | - | 75 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 2810 | - | - | 5619 | - | - | - | - | 8429 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|------------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | - | - | - | - | 321 | - | 6148 | - | - | 6468 |
| Imports | - | 2091 | 1319 | - | - | - | - | - | 37 | - | 3447 |
| Exports | - | - | -269 | - | - | - | - | -4 | -21 | - | -294 |
| Intl. marine bunkers | - | - | -46 | - | - | - | - | - | - | - | -46 |
| Intl. aviation bunkers | - | - | -80 | - | - | - | - | - | - | - | -80 |
| Stock changes | - | - | 6 | - | - | - | - | - | - | - | 6 |
| TPES | - | 2091 | 931 | - | - | 321 | - | 6144 | 16 | - | 9502 |
| Electricity and CHP plants | - | -826 | - | - | - | -321 | - | - | 600 | - | -546 |
| Petroleum refineries | - | -1265 | 1302 | - | - | - | - | - | - | - | 37 |
| Other transformation* | - | - | -57 | - | - | - | - | -1509 | -135 | - | -1702 |
| TFC | - | - | 2177 | - | - | - | - | 4635 | 481 | - | 7292 |
| INDUSTRY SECTOR | - | - | 303 | - | - | - | - | 422 | 231 | - | 957 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 303 | - | - | - | - | 422 | 231 | - | 957 |
| TRANSPORT SECTOR | - | - | 1280 | - | - | - | - | - | - | - | 1280 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1200 | - | - | - | - | - | - | - | 1200 |
| Other/non-specified | - | - | 80 | - | - | - | - | - | - | - | 80 |
| OTHER SECTORS | - | - | 518 | - | - | - | - | 4213 | 250 | - | 4981 |
| Residential | - | - | 252 | - | - | - | - | 4213 | 180 | - | 4645 |
| Comm. and publ. services | - | - | 25 | - | - | - | - | - | 69 | - | 94 |
| Agriculture/forestry | - | - | 241 | - | - | - | - | - | - | - | 241 |
| Other/non-specified | - | - | - | - | - | - | - | - | 1 | - | 1 |
| NON-ENERGY USE | - | - | 75 | - | - | - | - | - | - | - | 75 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 3251 | - | - | 3727 | - | - | - | - | 6978 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Gibraltar

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|-----|---------|-------|----------------------|-------------------------|-------------|------|------------|
| Production | - | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | 1322 | - | - | - | - | - | - | - | 1322 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -1169 | - | - | - | - | - | - | - | -1169 |
| Intl. aviation bunkers | - | - | -4 | - | - | - | - | - | - | - | -4 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | - | 149 | - | - | - | - | - | - | - | 149 |
| Electricity and CHP plants | - | - | -36 | - | - | - | - | - | 13 | - | -23 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | - | -1 | - | -1 |
| TFC | - | - | 112 | - | - | - | - | - | 12 | - | 125 |
| INDUSTRY SECTOR | - | - | - | - | - | - | - | - | - | - | - |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| TRANSPORT SECTOR | - | - | 92 | - | - | - | - | - | - | - | 92 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 92 | - | - | - | - | - | - | - | 92 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | - | - | - | - | - | - | 12 | - | 12 |
| Residential | - | - | - | - | - | - | - | - | - | - | - |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | 12 | - | 12 |
| NON-ENERGY USE | - | - | 20 | - | - | - | - | - | - | - | 20 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 151 | - | - | - | - | - | - | - | 151 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|-------|------------------------|----------------------|-------------|---------|------------|
| Production | - | - | - | - | - | - | - | - | - | - | - |
| Imports | - | - | 1362 | - | - | - | - | - | - | - | 1362 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -1204 | - | - | - | - | - | - | - | -1204 |
| Intl. aviation bunkers | - | - | -4 | - | - | - | - | - | - | - | -4 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | - | 154 | - | - | - | - | - | - | - | 154 |
| Electricity and CHP plants | - | - | -37 | - | - | - | - | - | 13 | - | -24 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | - | -1 | - | -1 |
| TFC | - | - | 116 | - | - | - | - | - | 13 | - | 129 |
| INDUSTRY SECTOR | - | - | - | - | - | - | - | - | - | - | - |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| TRANSPORT SECTOR | - | - | 95 | - | - | - | - | - | - | - | 95 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 95 | - | - | - | - | - | - | - | 95 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | - | - | - | - | - | - | 13 | - | 13 |
| Residential | - | - | - | - | - | - | - | - | - | - | - |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | 13 | - | 13 |
| NON-ENERGY USE | - | - | 21 | - | - | - | - | - | - | - | 21 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 155 | - | - | - | - | - | - | - | 155 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Guatemala

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|------------|--------------------|-----|---------|------------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | 892 | - | - | - | 329 | - | 4218 | - | - | 5440 |
| Imports | 299 | - | 3364 | - | - | - | - | - | 1 | - | 3663 |
| Exports | - | -851 | -136 | - | - | - | - | - | -8 | - | -995 |
| Intl. marine bunkers | - | - | -124 | - | - | - | - | - | - | - | -124 |
| Intl. aviation bunkers | - | - | -39 | - | - | - | - | - | - | - | -39 |
| Stock changes | 92 | 99 | 8 | - | - | - | - | - | - | - | 199 |
| TPES | 390 | 141 | 3072 | - | - | 329 | - | 4218 | -7 | - | 8143 |
| Electricity and CHP plants | -264 | - | -508 | - | - | -329 | - | -392 | 681 | - | -812 |
| Petroleum refineries | - | -74 | 66 | - | - | - | - | - | - | - | -8 |
| Other transformation* | - | - | -12 | - | - | - | - | -74 | -85 | - | -171 |
| TFC | 127 | 67 | 2617 | - | - | - | - | 3752 | 589 | - | 7152 |
| INDUSTRY SECTOR | 127 | 67 | 476 | - | - | - | - | 364 | 230 | - | 1263 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 127 | 67 | 476 | - | - | - | - | 364 | 230 | - | 1263 |
| TRANSPORT SECTOR | - | - | 1674 | - | - | - | - | - | - | - | 1674 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1655 | - | - | - | - | - | - | - | 1655 |
| Other/non-specified | - | - | 19 | - | - | - | - | - | - | - | 19 |
| OTHER SECTORS | - | - | 420 | - | - | - | - | 3389 | 359 | - | 4168 |
| Residential | - | - | 246 | - | - | - | - | 3377 | 195 | - | 3818 |
| Comm. and publ. services | - | - | 116 | - | - | - | - | 6 | 163 | - | 285 |
| Agriculture/forestry | - | - | 59 | - | - | - | - | 6 | - | - | 65 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 47 | - | - | - | - | - | - | - | 47 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 1080 | - | 2005 | - | - | 3827 | - | 1004 | - | - | 7916 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|------------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | 845 | - | - | - | 312 | - | 4172 | - | - | 5329 |
| Imports | 441 | - | 3738 | - | - | - | - | - | 1 | - | 4180 |
| Exports | - | -724 | -134 | - | - | - | - | - | -11 | - | -869 |
| Intl. marine bunkers | - | - | -124 | - | - | - | - | - | - | - | -124 |
| Intl. aviation bunkers | - | - | -29 | - | - | - | - | - | - | - | -29 |
| Stock changes | -22 | -33 | -147 | - | - | - | - | - | - | - | -203 |
| TPES | 419 | 87 | 3304 | - | - | 312 | - | 4172 | -11 | - | 8284 |
| Electricity and CHP plants | -276 | - | -650 | - | - | -312 | - | -536 | 753 | - | -1022 |
| Petroleum refineries | - | -87 | 74 | - | - | - | - | - | - | - | -13 |
| Other transformation* | - | - | -25 | - | - | - | - | -73 | -125 | - | -223 |
| TFC | 143 | - | 2703 | - | - | - | - | 3562 | 618 | - | 7026 |
| INDUSTRY SECTOR | 143 | - | 418 | - | - | - | - | - | 251 | - | 812 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 143 | - | 418 | - | - | - | - | - | 251 | - | 812 |
| TRANSPORT SECTOR | - | - | 2001 | - | - | - | - | - | - | - | 2001 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1999 | - | - | - | - | - | - | - | 1999 |
| Other/non-specified | - | - | 2 | - | - | - | - | - | - | - | 2 |
| OTHER SECTORS | - | - | 226 | - | - | - | - | 3562 | 366 | - | 4155 |
| Residential | - | - | 221 | - | - | - | - | 3447 | 201 | - | 3868 |
| Comm. and publ. services | - | - | 6 | - | - | - | - | 116 | 166 | - | 287 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 57 | - | - | - | - | - | - | - | 57 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 1120 | - | 2632 | - | - | 3630 | - | 1373 | - | - | 8755 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Haiti / Haïti

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|-----|---------|-----------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | - | - | - | - | 23 | - | 1945 | - | - | 1968 |
| Imports | - | - | 705 | - | - | - | - | - | - | - | 705 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -26 | - | - | - | - | - | - | - | -26 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | - | 680 | - | - | 23 | - | 1945 | - | - | 2648 |
| Electricity and CHP plants | - | - | -56 | - | - | -23 | - | - | 49 | - | -31 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | -233 | -20 | - | -253 |
| TFC | - | - | 623 | - | - | - | - | 1713 | 29 | - | 2365 |
| INDUSTRY SECTOR | - | - | 125 | - | - | - | - | 330 | 14 | - | 469 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 125 | - | - | - | - | 330 | 14 | - | 469 |
| TRANSPORT SECTOR | - | - | 396 | - | - | - | - | - | - | - | 396 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 234 | - | - | - | - | - | - | - | 234 |
| Other/non-specified | - | - | 162 | - | - | - | - | - | - | - | 162 |
| OTHER SECTORS | - | - | 95 | - | - | - | - | 1382 | 16 | - | 1493 |
| Residential | - | - | 95 | - | - | - | - | 1352 | 9 | - | 1457 |
| Comm. and publ. services | - | - | - | - | - | - | - | 30 | 6 | - | 36 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 8 | - | - | - | - | - | - | - | 8 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 299 | - | - | 271 | - | - | - | - | 570 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|-----------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | - | - | - | - | 13 | - | 1992 | - | - | 2006 |
| Imports | - | - | 793 | - | - | - | - | - | - | - | 793 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -21 | - | - | - | - | - | - | - | -21 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | - | 772 | - | - | 13 | - | 1992 | - | - | 2777 |
| Electricity and CHP plants | - | - | -77 | - | - | -13 | - | - | 40 | - | -50 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | -221 | -10 | - | -231 |
| TFC | - | - | 694 | - | - | - | - | 1771 | 31 | - | 2496 |
| INDUSTRY SECTOR | - | - | 164 | - | - | - | - | 335 | 14 | - | 513 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 164 | - | - | - | - | 335 | 14 | - | 513 |
| TRANSPORT SECTOR | - | - | 443 | - | - | - | - | - | - | - | 443 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 239 | - | - | - | - | - | - | - | 239 |
| Other/non-specified | - | - | 204 | - | - | - | - | - | - | - | 204 |
| OTHER SECTORS | - | - | 80 | - | - | - | - | 1436 | 17 | - | 1533 |
| Residential | - | - | 80 | - | - | - | - | 1401 | 10 | - | 1492 |
| Comm. and publ. services | - | - | - | - | - | - | - | 35 | 7 | - | 41 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 7 | - | - | - | - | - | - | - | 7 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 315 | - | - | 154 | - | - | - | - | 469 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Honduras

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|-----|---------|------------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | - | - | - | - | 178 | - | 1798 | - | - | 1976 |
| Imports | 118 | - | 2278 | - | - | - | - | - | 2 | - | 2398 |
| Exports | - | - | -42 | - | - | - | - | - | - | - | -42 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -31 | - | - | - | - | - | - | - | -31 |
| Stock changes | -1 | - | -254 | - | - | - | - | - | - | - | -256 |
| TPES | 117 | - | 1951 | - | - | 178 | - | 1798 | 2 | - | 4046 |
| Electricity and CHP plants | - | - | -498 | - | - | -178 | - | -342 | 514 | - | -504 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | -1 | - | - | - | - | - | -135 | - | -136 |
| TFC | 117 | - | 1451 | - | - | - | - | 1456 | 381 | - | 3406 |
| INDUSTRY SECTOR | 117 | - | 309 | - | - | - | - | 97 | 104 | - | 627 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 117 | - | 309 | - | - | - | - | 97 | 104 | - | 627 |
| TRANSPORT SECTOR | - | - | 746 | - | - | - | - | - | - | - | 746 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 746 | - | - | - | - | - | - | - | 746 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 396 | - | - | - | - | 1359 | 277 | - | 2032 |
| Residential | - | - | 47 | - | - | - | - | 1359 | 155 | - | 1561 |
| Comm. and publ. services | - | - | 85 | - | - | - | - | - | 121 | - | 207 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 264 | - | - | - | - | - | - | - | 264 |
| NON-ENERGY USE | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 3770 | - | - | 2070 | - | 142 | - | - | 5982 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|------------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | - | - | - | - | 190 | - | 1929 | - | - | 2119 |
| Imports | 124 | - | 2594 | - | - | - | - | - | 1 | - | 2719 |
| Exports | - | - | -188 | - | - | - | - | - | - | - | -188 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -27 | - | - | - | - | - | - | - | -27 |
| Stock changes | - | - | 121 | - | - | - | - | - | - | - | 121 |
| TPES | 124 | - | 2500 | - | - | 190 | - | 1929 | 1 | - | 4745 |
| Electricity and CHP plants | - | - | -828 | - | - | -190 | - | -406 | 543 | - | -881 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | - | -122 | - | -122 |
| TFC | 124 | - | 1673 | - | - | - | - | 1523 | 422 | - | 3742 |
| INDUSTRY SECTOR | 124 | - | 451 | - | - | - | - | 96 | 111 | - | 782 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 124 | - | 451 | - | - | - | - | 96 | 111 | - | 782 |
| TRANSPORT SECTOR | - | - | 1060 | - | - | - | - | - | - | - | 1060 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1060 | - | - | - | - | - | - | - | 1060 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 161 | - | - | - | - | 1427 | 311 | - | 1900 |
| Residential | - | - | 54 | - | - | - | - | 1427 | 177 | - | 1659 |
| Comm. and publ. services | - | - | 47 | - | - | - | - | - | 134 | - | 181 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 60 | - | - | - | - | - | - | - | 60 |
| NON-ENERGY USE | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 3934 | - | - | 2214 | - | 168 | - | - | 6316 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Hong Kong, China / Hong Kong, Chine

Figure 1. Energy production

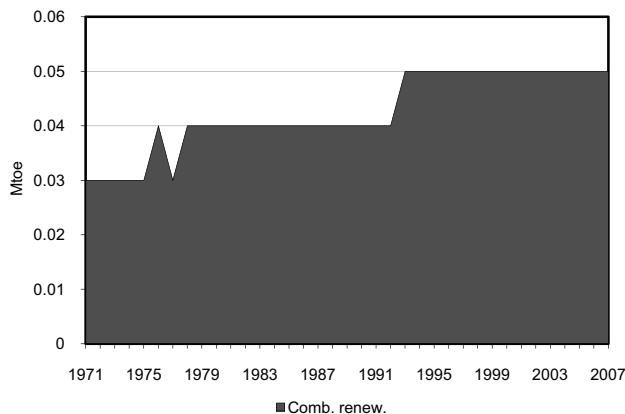


Figure 2. Total primary energy supply*

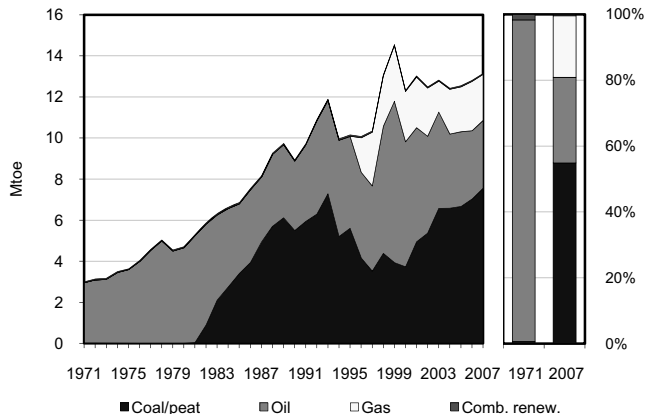


Figure 3. Energy self-sufficiency**

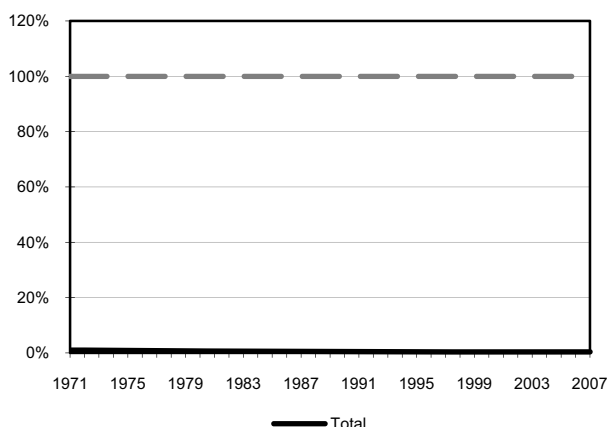


Figure 4. Oil products demand***

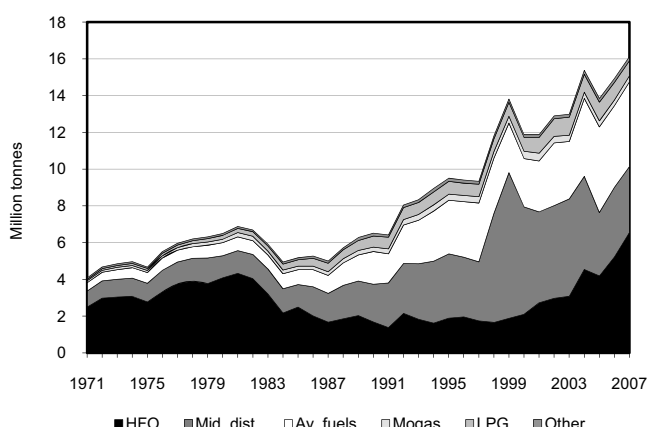


Figure 5. Electricity generation by fuel

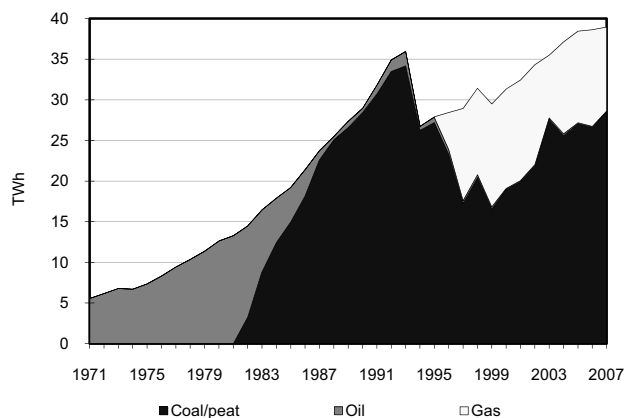
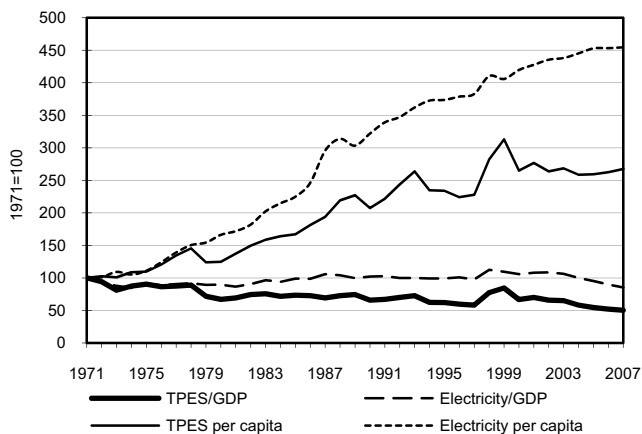


Figure 6. Selected indicators****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** GDP in 2000 US dollars.

Hong Kong, China / Hong Kong, Chine

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|------------------|--------------|---------------------|-------------|-----------|----------|------------------------|-------------------------|-------------|----------|--------------|
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | - | - | - | - | - | - | - | 48 | - | - | 48 |
| Imports | 7027 | - | 17148 | 2400 | - | - | - | 4 | 937 | - | 27517 |
| Exports | - | - | -1931 | - | - | - | - | - | -389 | - | -2320 |
| Intl. marine bunkers | - | - | -7195 | - | - | - | - | - | - | - | -7195 |
| Intl. aviation bunkers | - | - | -4732 | - | - | - | - | - | - | - | -4732 |
| Stock changes | - | - | 42 | - | - | - | - | - | - | - | 42 |
| TPES | 7027 | - | 3332 | 2400 | - | - | - | 52 | 548 | - | 13359 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | - | - | - | - | - | - | - | - | - | - | - |
| Electricity plants | -6081 | - | -37 | -2308 | - | - | - | - | 3321 | - | -5105 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | -575 | 488 | - | - | - | - | - | - | -87 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | - | - | - | - | - | - | - | - | - | - | - |
| Distribution losses | - | - | - | - | - | - | - | - | -400 | - | -400 |
| TFC | 946 | - | 2720 | 581 | - | - | - | 52 | 3469 | - | 7768 |
| INDUSTRY SECTOR | 946 | - | 600 | 19 | - | - | - | - | 335 | - | 1900 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | - | - | - | - | - | - | - | - | - | - | - |
| Paper pulp and printing | - | - | - | - | - | - | - | - | - | - | - |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 946 | - | 600 | 19 | - | - | - | - | 335 | - | 1900 |
| TRANSPORT SECTOR | - | - | 1459 | - | - | - | - | - | - | - | 1459 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1459 | - | - | - | - | - | - | - | 1459 |
| Rail | - | - | - | - | - | - | - | - | - | - | - |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 455 | 562 | - | - | - | 52 | 3134 | - | 4203 |
| Residential | - | - | 21 | 324 | - | - | - | 48 | 846 | - | 1239 |
| Comm. and publ. services | - | - | 434 | 237 | - | - | - | - | 2288 | - | 2959 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | 4 | - | - | 4 |
| NON-ENERGY USE | - | - | 206 | - | - | - | - | - | - | - | 206 |
| in industry/transf./energy | - | - | 206 | - | - | - | - | - | - | - | 206 |
| of which: feedstocks | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|--------------|----------|------------|--------------|----------|----------|----------|----------|----------|----------|--------------|
| Electr. generated - GWh | 26609 | - | 120 | 11887 | - | - | 1 | - | - | - | 38617 |
| Electricity plants | 26609 | - | 120 | 11887 | - | - | 1 | - | - | - | 38617 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |

Hong Kong, China / Hong Kong, Chine

2007

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | - | - | - | - | - | - | - | 48 | - | - | 48 |
| Imports | 7556 | - | 17517 | 2242 | - | - | - | 3 | 943 | - | 28261 |
| Exports | - | - | -1152 | - | - | - | - | - | -347 | - | -1499 |
| Intl. marine bunkers | - | - | -8183 | - | - | - | - | - | - | - | -8183 |
| Intl. aviation bunkers | - | - | -4912 | - | - | - | - | - | - | - | -4912 |
| Stock changes | - | - | 31 | - | - | - | - | - | - | - | 31 |
| TPES | 7556 | - | 3301 | 2242 | - | - | - | 51 | 595 | - | 13745 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | - | - | - | - | - | - | - | - | - | - | - |
| Electricity plants | -6545 | - | -29 | -2003 | - | - | - | - | 3350 | - | -5227 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | -428 | 341 | - | - | - | - | - | - | -86 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | - | - | - | - | - | - | - | - | - | - | - |
| Distribution losses | - | - | - | - | - | - | - | - | -432 | - | -432 |
| TFC | 1011 | - | 2844 | 581 | - | - | - | 51 | 3514 | - | 8000 |
| INDUSTRY SECTOR | 1011 | - | 724 | 19 | - | - | - | - | 313 | - | 2067 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | - | - | - | - | - | - | - | - | - | - | - |
| Paper pulp and printing | - | - | - | - | - | - | - | - | - | - | - |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 1011 | - | 724 | 19 | - | - | - | - | 313 | - | 2067 |
| TRANSPORT SECTOR | - | - | 1445 | - | - | - | - | - | - | - | 1445 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1445 | - | - | - | - | - | - | - | 1445 |
| Rail | - | - | - | - | - | - | - | - | - | - | - |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 457 | 562 | - | - | - | 51 | 3201 | - | 4271 |
| Residential | - | - | 19 | 319 | - | - | - | 48 | 870 | - | 1256 |
| Comm. and publ. services | - | - | 438 | 243 | - | - | - | - | 2330 | - | 3012 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | 3 | - | - | 3 |
| NON-ENERGY USE | - | - | 218 | - | - | - | - | - | - | - | 218 |
| in industry/transf./energy | - | - | 218 | - | - | - | - | - | - | - | 218 |
| <i>of which: feedstocks</i> | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 28540 | - | 95 | 10316 | - | - | 1 | - | - | - | 38952 |
| <i>Electricity plants</i> | 28540 | - | 95 | 10316 | - | - | 1 | - | - | - | 38952 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

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Figure 1. Energy production

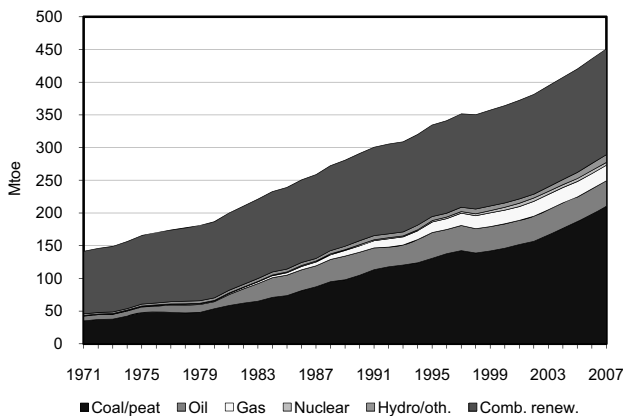


Figure 2. Total primary energy supply*

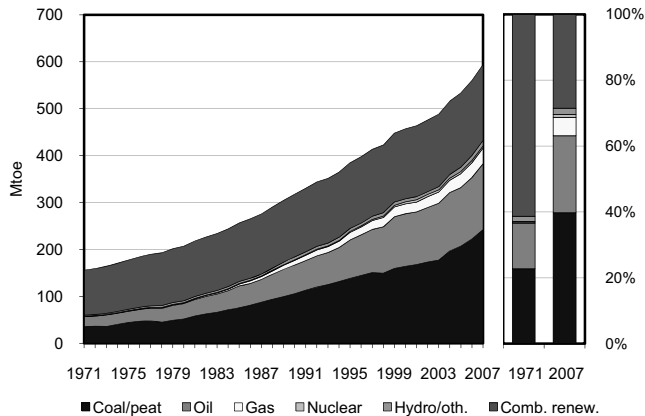


Figure 3. Energy self-sufficiency**

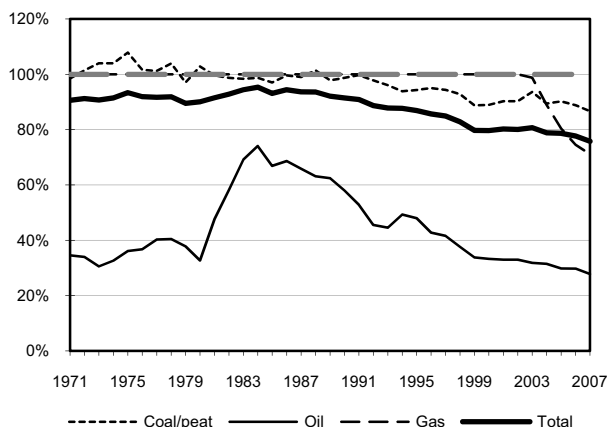


Figure 4. Oil products demand***

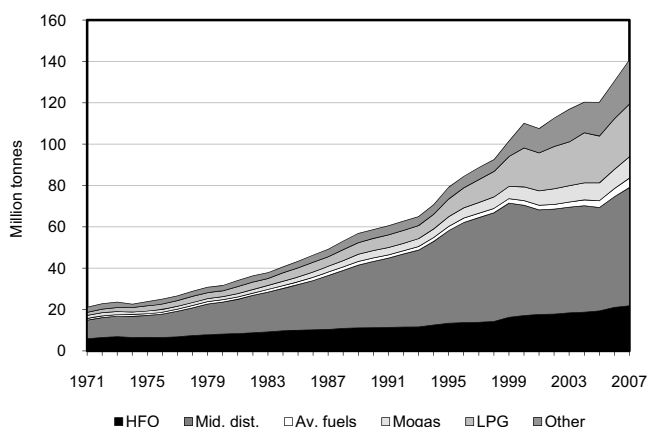


Figure 5. Electricity generation by fuel

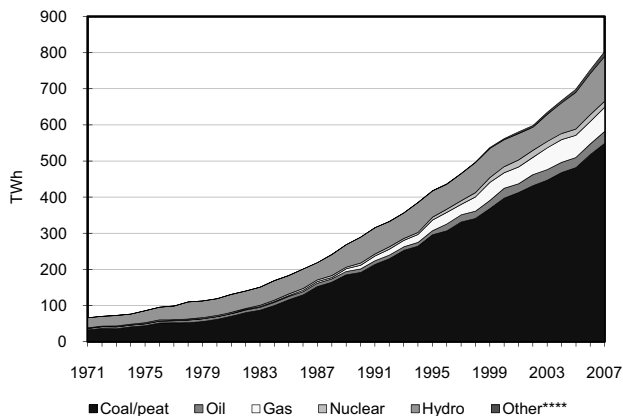
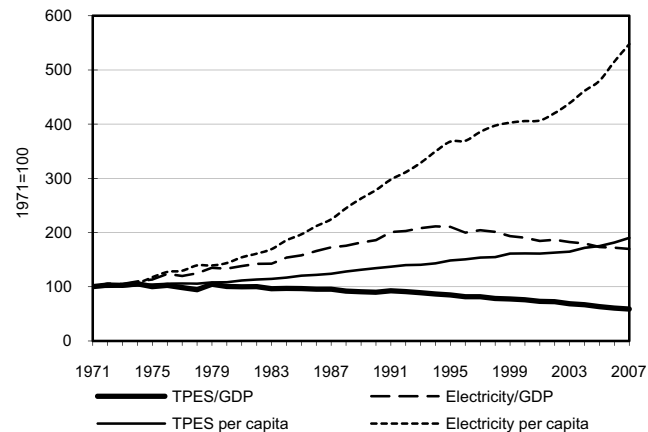


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

India / Inde

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|--------------|------------------|---------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 197903 | 39000 | - | 23406 | 4900 | 9780 | 865 | 159916 | - | - | 435770 |
| Imports | 30254 | 113299 | 18005 | 7989 | - | - | - | - | 254 | - | 169801 |
| Exports | -761 | - | -34943 | - | - | - | - | - | -19 | - | -35723 |
| Intl. marine bunkers | - | - | -16 | - | - | - | - | - | - | - | -16 |
| Intl. aviation bunkers | - | - | -4243 | - | - | - | - | - | - | - | -4243 |
| Stock changes | -4624 | - | - | - | - | - | - | - | - | - | -4624 |
| TPES | 222772 | 152298 | -21197 | 31395 | 4900 | 9780 | 865 | 159916 | 236 | - | 560965 |
| Transfers | - | -2149 | 2365 | - | - | - | - | - | - | - | 215 |
| Statistical differences | 22 | 1737 | -1671 | - | - | - | - | - | - | - | 89 |
| Electricity plants | -166658 | - | -8035 | -12809 | -4900 | -9780 | -749 | -1106 | 64759 | - | -139277 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | -31 | - | - | 14 | - | - | - | - | - | - | -17 |
| Petroleum refineries | - | -151886 | 149855 | - | - | - | - | - | - | - | -2031 |
| Coal transformation | -10551 | - | - | - | - | - | - | - | - | - | -10551 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -1154 | - | -10897 | -2084 | - | - | - | - | -4320 | - | -18454 |
| Distribution losses | - | - | - | - | - | - | - | - | -16247 | - | -16247 |
| TFC | 44401 | - | 110420 | 16516 | - | - | 116 | 158810 | 44428 | - | 374692 |
| INDUSTRY SECTOR | 34502 | - | 19950 | 6105 | - | - | - | 27596 | 20422 | - | 108575 |
| Iron and steel | 17321 | - | 832 | 14 | - | - | - | - | - | - | 18167 |
| Chemical and petrochemical | 1794 | - | 3389 | - | - | - | - | - | - | - | 5183 |
| Non-ferrous metals | 224 | - | 141 | - | - | - | - | - | - | - | 364 |
| Non-metallic minerals | 9290 | - | 637 | - | - | - | - | - | - | - | 9927 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | 638 | - | - | - | - | - | - | - | 638 |
| Mining and quarrying | - | - | 994 | - | - | - | - | - | - | - | 994 |
| Food and tobacco | - | - | 8477 | - | - | - | - | - | - | - | 8477 |
| Paper pulp and printing | 1309 | - | - | - | - | - | - | - | - | - | 1309 |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | 326 | - | 977 | - | - | - | - | - | - | - | 1303 |
| Non-specified | 4239 | - | 3865 | 6091 | - | - | - | 27596 | 20422 | - | 62213 |
| TRANSPORT SECTOR | - | - | 35105 | 898 | - | - | - | 120 | 929 | - | 37052 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 32503 | 898 | - | - | - | 120 | - | - | 33522 |
| Rail | - | - | 1923 | - | - | - | - | - | 929 | - | 2851 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 669 | - | - | - | - | - | - | - | 669 |
| Non-specified | - | - | 9 | - | - | - | - | - | - | - | 9 |
| OTHER SECTORS | 9899 | - | 28345 | 811 | - | - | 116 | 131094 | 23078 | - | 193341 |
| Residential | 2715 | - | 21723 | 670 | - | - | - | 125027 | 9546 | - | 159681 |
| Comm. and publ. services | 3085 | - | - | - | - | - | - | 6067 | 3459 | - | 12611 |
| Agriculture/forestry | - | - | 6547 | 141 | - | - | - | - | 8516 | - | 15203 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 4099 | - | 75 | - | - | - | 116 | - | 1557 | - | 5846 |
| NON-ENERGY USE | - | - | 27021 | 8703 | - | - | - | - | - | - | 35724 |
| in industry/transf./energy | - | - | 27021 | 8703 | - | - | - | - | - | - | 35724 |
| <i>of which: feedstocks</i> | - | - | 12732 | 8703 | - | - | - | - | - | - | 21435 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 517978 | - | 29484 | 62394 | 18802 | 113719 | 8709 | 1930 | - | - | 753016 |
| <i>Electricity plants</i> | 517978 | - | 29484 | 62394 | 18802 | 113719 | 8709 | 1930 | - | - | 753016 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

India / Inde

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|---------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 210195 | 39104 | - | 23732 | 4372 | 10648 | 1143 | 161730 | - | - | 450923 |
| Imports | 34224 | 124346 | 23032 | 9638 | - | - | - | - | 427 | - | 191667 |
| Exports | -791 | - | -40826 | - | - | - | - | - | -19 | - | -41636 |
| Intl. marine bunkers | - | - | -48 | - | - | - | - | - | - | - | -48 |
| Intl. aviation bunkers | - | - | -4853 | - | - | - | - | - | - | - | -4853 |
| Stock changes | -1139 | - | - | - | - | - | - | - | - | - | -1139 |
| TPES | 242488 | 163450 | -22696 | 33370 | 4372 | 10648 | 1143 | 161730 | 408 | - | 594913 |
| Transfers | - | -2116 | 2327 | - | - | - | - | - | - | - | 212 |
| Statistical differences | -4140 | 323 | -996 | - | - | - | - | - | 923 | - | -3890 |
| Electricity plants | -177436 | - | -8596 | -13192 | -4372 | -10648 | -1004 | -1119 | 69093 | - | -147273 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | -32 | - | - | 15 | - | - | - | - | - | - | -18 |
| Petroleum refineries | - | -161658 | 160533 | - | - | - | - | - | - | - | -1125 |
| Coal transformation | -12935 | - | - | - | - | - | - | - | - | - | -12935 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -1252 | - | -11726 | -2325 | - | - | - | - | -4612 | - | -19915 |
| Distribution losses | - | - | - | - | - | - | - | - | -17064 | - | -17064 |
| TFC | 46693 | - | 118846 | 17867 | - | - | 139 | 160612 | 48749 | - | 392905 |
| INDUSTRY SECTOR | 36410 | - | 20700 | 7027 | - | - | - | 27907 | 22076 | - | 114120 |
| Iron and steel | 18175 | - | 848 | 15 | - | - | - | - | - | - | 19037 |
| Chemical and petrochemical | 1772 | - | 3426 | - | - | - | - | - | - | - | 5198 |
| Non-ferrous metals | 294 | - | 142 | - | - | - | - | - | - | - | 435 |
| Non-metallic minerals | 10033 | - | 713 | - | - | - | - | - | - | - | 10746 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | 663 | - | - | - | - | - | - | - | 663 |
| Mining and quarrying | - | - | 1060 | - | - | - | - | - | - | - | 1060 |
| Food and tobacco | - | - | 9603 | - | - | - | - | - | - | - | 9603 |
| Paper pulp and printing | 1387 | - | - | - | - | - | - | - | - | - | 1387 |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | 338 | - | 1008 | - | - | - | - | - | - | - | 1346 |
| Non-specified | 4411 | - | 3236 | 7012 | - | - | - | 27907 | 22076 | - | 64643 |
| TRANSPORT SECTOR | - | - | 38409 | 1249 | - | - | - | 134 | 1015 | - | 40806 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 35621 | 1249 | - | - | - | 134 | - | - | 37004 |
| Rail | - | - | 2088 | - | - | - | - | - | 1015 | - | 3103 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 689 | - | - | - | - | - | - | - | 689 |
| Non-specified | - | - | 10 | - | - | - | - | - | - | - | 10 |
| OTHER SECTORS | 10284 | - | 29534 | 845 | - | - | 139 | 132571 | 25658 | - | 199029 |
| Residential | 2818 | - | 22406 | 712 | - | - | - | 126435 | 10408 | - | 162779 |
| Comm. and publ. services | 3236 | - | - | - | - | - | - | 6135 | 3778 | - | 13149 |
| Agriculture/forestry | - | - | 6876 | 132 | - | - | - | - | 9290 | - | 16298 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 4230 | - | 252 | - | - | - | 139 | - | 2182 | - | 6803 |
| NON-ENERGY USE | - | - | 30203 | 8747 | - | - | - | - | - | - | 38950 |
| in industry/transf./energy | - | - | 30203 | 8747 | - | - | - | - | - | - | 38950 |
| of which: feedstocks | - | - | 13063 | 8747 | - | - | - | - | - | - | 21811 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 549143 | - | 33311 | 66744 | 16776 | 123812 | 11672 | 1951 | - | - | 803409 |
| Electricity plants | 549143 | - | 33311 | 66744 | 16776 | 123812 | 11672 | 1951 | - | - | 803409 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |

Indonesia / Indonésie

Figure 1. Energy production

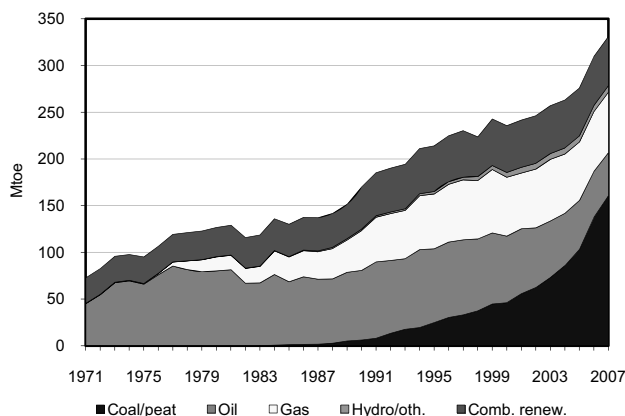


Figure 2. Total primary energy supply*

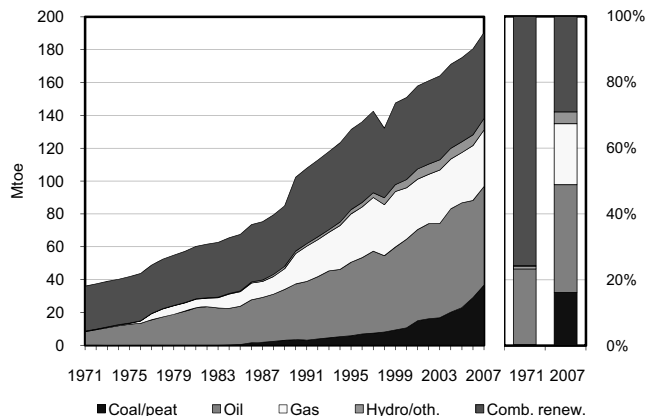


Figure 3. Energy self-sufficiency**

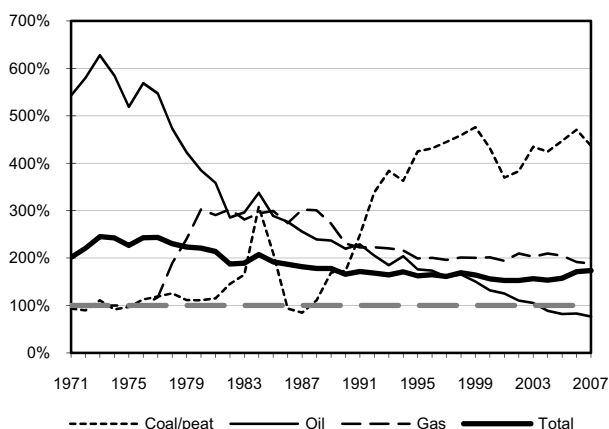


Figure 4. Oil products demand***

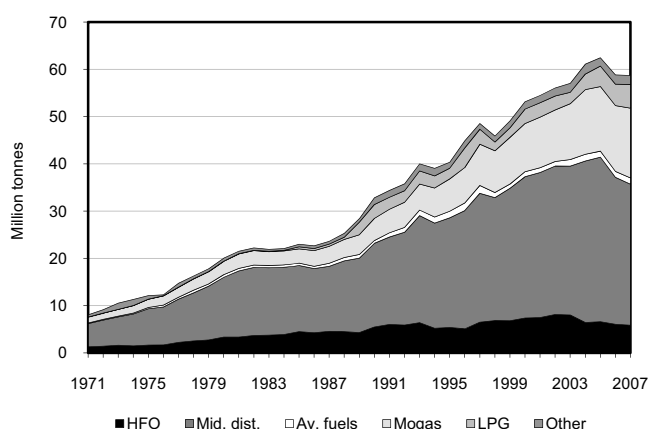


Figure 5. Electricity generation by fuel

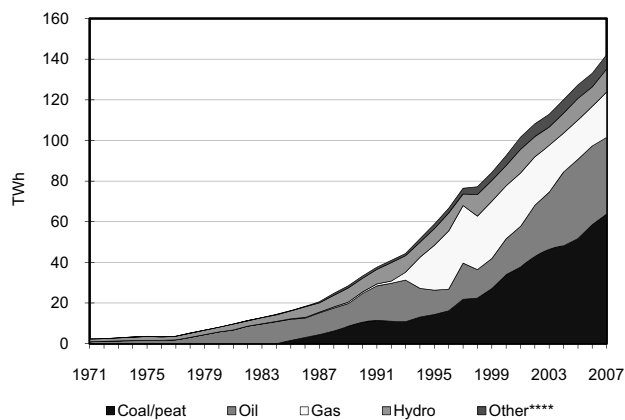
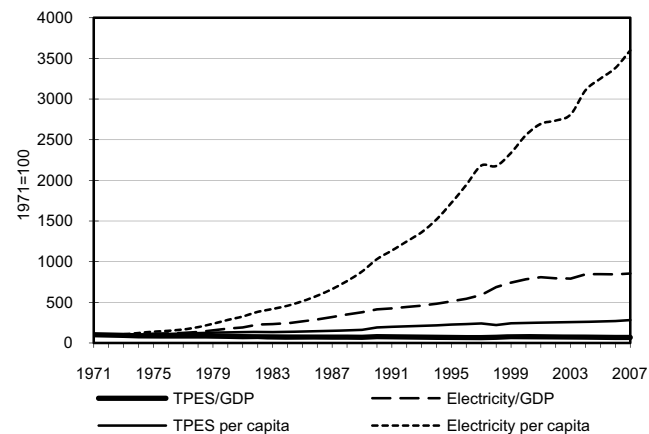


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Indonesia / Indonésie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 137494 | 49137 | - | 64056 | - | 828 | 5724 | 52446 | - | - | 309684 |
| Imports | 75 | 15635 | 17723 | - | - | - | - | - | - | - | 33433 |
| Exports | -107887 | -15810 | -6445 | -30663 | - | - | - | -106 | - | - | -160911 |
| Intl. marine bunkers | - | - | -397 | - | - | - | - | - | - | - | -397 |
| Intl. aviation bunkers | - | - | -740 | - | - | - | - | - | - | - | -740 |
| Stock changes | -462 | - | - | - | - | - | - | - | - | - | -462 |
| TPES | 29220 | 48963 | 10140 | 33393 | - | 828 | 5724 | 52340 | - | - | 180606 |
| Transfers | - | -1683 | 1850 | - | - | - | - | - | - | - | 167 |
| Statistical differences | - | 808 | 522 | - | - | - | - | - | - | - | 1330 |
| Electricity plants | -14586 | - | -8596 | -3905 | - | -828 | -5724 | - | 11447 | - | -22190 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -49020 | 47623 | - | - | - | - | - | - | - | -1398 |
| Coal transformation | 3 | - | - | - | - | - | - | - | - | - | 3 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | 933 | -933 | - | - | - | - | -1501 | - | - | -1501 |
| Own use | - | - | -2604 | -13342 | - | - | - | - | -477 | - | -16423 |
| Distribution losses | - | - | - | -4155 | - | - | - | - | -1286 | - | -5441 |
| TFC | 14637 | - | 48002 | 11991 | - | - | - | 50839 | 9684 | - | 135153 |
| INDUSTRY SECTOR | 14620 | - | 6253 | 4691 | - | - | - | 6821 | 3751 | - | 36137 |
| Iron and steel | - | - | 670 | 189 | - | - | - | - | - | - | 859 |
| Chemical and petrochemical | - | - | 665 | - | - | - | - | - | - | - | 665 |
| Non-ferrous metals | 185 | - | - | - | - | - | - | - | - | - | 185 |
| Non-metallic minerals | 3267 | - | 905 | 73 | - | - | - | - | - | - | 4245 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | 58 | - | - | - | - | - | - | - | 58 |
| Mining and quarrying | - | - | 864 | - | - | - | - | - | - | - | 864 |
| Food and tobacco | - | - | 568 | - | - | - | - | - | - | - | 568 |
| Paper pulp and printing | 1005 | - | - | - | - | - | - | - | - | - | 1005 |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | 278 | - | - | - | - | - | - | - | 278 |
| Textile and leather | - | - | 984 | - | - | - | - | - | - | - | 984 |
| Non-specified | 10164 | - | 1261 | 4429 | - | - | - | 6821 | 3751 | - | 26426 |
| TRANSPORT SECTOR | - | - | 24477 | 6 | - | - | - | - | - | - | 24483 |
| Domestic aviation | - | - | 601 | - | - | - | - | - | - | - | 601 |
| Road | - | - | 22238 | 6 | - | - | - | - | - | - | 22243 |
| Rail | - | - | - | - | - | - | - | - | - | - | - |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 1639 | - | - | - | - | - | - | - | 1639 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 17 | - | 12372 | 44 | - | - | - | 44017 | 5933 | - | 62383 |
| Residential | 17 | - | 8756 | 17 | - | - | - | 43811 | 3763 | - | 56364 |
| Comm. and publ. services | - | - | 1040 | 27 | - | - | - | 206 | 2171 | - | 3443 |
| Agriculture/forestry | - | - | 2222 | - | - | - | - | - | - | - | 2222 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 354 | - | - | - | - | - | - | - | 354 |
| NON-ENERGY USE | - | - | 4899 | 7251 | - | - | - | - | - | - | 12151 |
| in industry/transf./energy | - | - | 4899 | 7251 | - | - | - | - | - | - | 12151 |
| <i>of which: feedstocks</i> | - | - | 3679 | 7251 | - | - | - | - | - | - | 10930 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|--------------|----------|--------------|--------------|----------|-------------|-------------|----------|----------|----------|---------------|
| Electr. generated - GWh | 58643 | - | 38717 | 19467 | - | 9623 | 6658 | - | - | - | 133108 |
| <i>Electricity plants</i> | 58643 | - | 38717 | 19467 | - | 9623 | 6658 | - | - | - | 133108 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Indonesia / Indonésie

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 160666 | 46129 | - | 64807 | - | 971 | 6036 | 52491 | - | - | 331100 |
| Imports | 46 | 16034 | 21402 | - | - | - | - | - | - | - | 37482 |
| Exports | -124285 | -15413 | -6858 | -30416 | - | - | - | -106 | - | - | -177076 |
| Intl. marine bunkers | - | - | -423 | - | - | - | - | - | - | - | -423 |
| Intl. aviation bunkers | - | - | -787 | - | - | - | - | - | - | - | -787 |
| Stock changes | 352 | - | - | - | - | - | - | - | - | - | 352 |
| TPES | 36780 | 46750 | 13334 | 34392 | - | 971 | 6036 | 52385 | - | - | 190647 |
| Transfers | - | -1784 | 1955 | - | - | - | - | - | - | - | 171 |
| Statistical differences | - | 671 | -651 | - | - | - | - | - | - | - | 20 |
| Electricity plants | -15876 | - | -8372 | -4235 | - | -971 | -6036 | - | 12232 | - | -23256 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -46576 | 45367 | - | - | - | - | - | - | - | -1208 |
| Coal transformation | 5 | - | - | - | - | - | - | - | - | - | 5 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | 939 | -939 | - | - | - | - | -1501 | - | - | -1501 |
| Own use | - | - | -2481 | -11702 | - | - | - | - | -509 | - | -14692 |
| Distribution losses | - | - | - | -3781 | - | - | - | - | -1296 | - | -5077 |
| TFC | 20910 | - | 48214 | 14674 | - | - | - | 50884 | 10427 | - | 145109 |
| INDUSTRY SECTOR | 20896 | - | 6530 | 9724 | - | - | - | 6154 | 3939 | - | 47243 |
| Iron and steel | - | - | 712 | 194 | - | - | - | - | - | - | 906 |
| Chemical and petrochemical | - | - | 707 | - | - | - | - | - | - | - | 707 |
| Non-ferrous metals | 174 | - | - | - | - | - | - | - | - | - | 174 |
| Non-metallic minerals | 3971 | - | 962 | 75 | - | - | - | - | - | - | 5009 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | 62 | - | - | - | - | - | - | - | 62 |
| Mining and quarrying | - | - | 920 | - | - | - | - | - | - | - | 920 |
| Food and tobacco | - | - | 603 | - | - | - | - | - | - | - | 603 |
| Paper pulp and printing | 1436 | - | - | - | - | - | - | - | - | - | 1436 |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | 296 | - | - | - | - | - | - | - | 296 |
| Textile and leather | - | - | 1047 | - | - | - | - | - | - | - | 1047 |
| Non-specified | 15314 | - | 1221 | 9455 | - | - | - | 6154 | 3939 | - | 36083 |
| TRANSPORT SECTOR | - | - | 24357 | 6 | - | - | - | - | - | - | 24363 |
| Domestic aviation | - | - | 639 | - | - | - | - | - | - | - | 639 |
| Road | - | - | 22367 | 6 | - | - | - | - | - | - | 22373 |
| Rail | - | - | - | - | - | - | - | - | - | - | - |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 1351 | - | - | - | - | - | - | - | 1351 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 14 | - | 12105 | 53 | - | - | - | 44730 | 6488 | - | 63391 |
| Residential | 14 | - | 7952 | 17 | - | - | - | 44525 | 4070 | - | 56578 |
| Comm. and publ. services | - | - | 1253 | 36 | - | - | - | 205 | 2418 | - | 3912 |
| Agriculture/forestry | - | - | 2593 | - | - | - | - | - | - | - | 2593 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 308 | - | - | - | - | - | - | - | 308 |
| NON-ENERGY USE | - | - | 5221 | 4890 | - | - | - | - | - | - | 10112 |
| in industry/transf./energy | - | - | 5221 | 4890 | - | - | - | - | - | - | 10112 |
| <i>of which: feedstocks</i> | - | - | 3999 | 4890 | - | - | - | - | - | - | 8890 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|--------------|----------|--------------|--------------|----------|--------------|-------------|----------|----------|----------|---------------|
| Electr. generated - GWh | 63830 | - | 37703 | 22396 | - | 11286 | 7021 | - | - | - | 142236 |
| <i>Electricity plants</i> | 63830 | - | 37703 | 22396 | - | 11286 | 7021 | - | - | - | 142236 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Islamic Republic of Iran / République Islamique d'Iran

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|--------------|--------------------|--------------|----------|-------------|----------------------|-------------------------|--------------|----------|---------------|
| Production | 1001 | 217090 | - | 87405 | - | 1571 | 11 | 919 | - | - | 307996 |
| Imports | 313 | - | 9795 | 5297 | - | - | - | - | 218 | - | 15624 |
| Exports | -33 | -128315 | -16494 | -4844 | - | - | - | - | -239 | - | -149925 |
| Intl. marine bunkers | - | - | -445 | - | - | - | - | - | - | - | -445 |
| Intl. aviation bunkers | - | - | -1060 | - | - | - | - | - | - | - | -1060 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 1280 | 88774 | -8204 | 87859 | - | 1571 | 11 | 919 | -20 | - | 172190 |
| Electricity and CHP plants | -190 | - | -11611 | -28589 | - | -1571 | -11 | - | 16571 | - | -25401 |
| Petroleum refineries | - | -88267 | 86640 | - | - | - | - | - | - | - | -1628 |
| Other transformation* | -577 | -507 | 412 | -5500 | - | - | - | -77 | -3916 | - | -10165 |
| TFC | 513 | - | 67236 | 53770 | - | - | - | 842 | 12635 | - | 134997 |
| INDUSTRY SECTOR | 503 | - | 9582 | 14248 | - | - | - | 217 | 4194 | - | 28745 |
| Iron and steel | 234 | - | - | - | - | - | - | - | - | - | 234 |
| Chemical and petrochemical | - | - | 2035 | 2765 | - | - | - | - | - | - | 4800 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 269 | - | 7547 | 11483 | - | - | - | 217 | 4194 | - | 23711 |
| TRANSPORT SECTOR | - | - | 36005 | 442 | - | - | - | - | 12 | - | 36459 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 36005 | 442 | - | - | - | - | - | - | 36447 |
| Other/non-specified | - | - | - | - | - | - | - | - | 12 | - | 12 |
| OTHER SECTORS | 9 | - | 15986 | 35429 | - | - | - | 625 | 8429 | - | 60477 |
| Residential | 9 | - | 8543 | 31205 | - | - | - | - | 4135 | - | 43893 |
| Comm. and publ. services | - | - | 3780 | 4178 | - | - | - | - | 2378 | - | 10337 |
| Agriculture/forestry | - | - | 3662 | 46 | - | - | - | - | 1519 | - | 5227 |
| Other/non-specified | - | - | - | - | - | - | - | 625 | 396 | - | 1021 |
| NON-ENERGY USE | 2 | - | 5663 | 3651 | - | - | - | - | - | - | 9316 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 26133 | 148158 | - | 18266 | 125 | - | - | - | 192682 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|--------------|-----------|-------------|------------------------|----------------------|--------------|----------|---------------|
| Production | 1066 | 221261 | - | 98249 | - | 1547 | 12 | 931 | - | - | 323066 |
| Imports | 240 | 5323 | 8004 | 5217 | - | - | - | - | 158 | - | 18943 |
| Exports | -10 | -138219 | -13537 | -4754 | - | - | - | - | -217 | - | -156736 |
| Intl. marine bunkers | - | - | -815 | - | - | - | - | - | - | - | -815 |
| Intl. aviation bunkers | - | - | -1076 | - | - | - | - | - | - | - | -1076 |
| Stock changes | - | 1554 | - | - | - | - | - | - | - | - | 1554 |
| TPES | 1296 | 89919 | -7423 | 98712 | - | 1547 | 12 | 931 | -58 | - | 184935 |
| Electricity and CHP plants | -194 | - | -12230 | -29521 | - | -1547 | -12 | - | 17543 | - | -25962 |
| Petroleum refineries | - | -89287 | 86967 | - | - | - | - | - | - | - | -2320 |
| Other transformation* | -522 | -632 | -720 | -5856 | - | - | - | -78 | -4142 | - | -11948 |
| TFC | 580 | - | 66594 | 63335 | - | - | - | 853 | 13343 | - | 144705 |
| INDUSTRY SECTOR | 569 | - | 10139 | 18922 | - | - | - | 220 | 4469 | - | 34319 |
| Iron and steel | 222 | - | - | - | - | - | - | - | - | - | 222 |
| Chemical and petrochemical | - | - | 2030 | 6161 | - | - | - | - | - | - | 8192 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 347 | - | 8109 | 12761 | - | - | - | 220 | 4469 | - | 25905 |
| TRANSPORT SECTOR | - | - | 34396 | 880 | - | - | - | - | 15 | - | 35291 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 34396 | 880 | - | - | - | - | - | - | 35276 |
| Other/non-specified | - | - | - | - | - | - | - | - | 15 | - | 15 |
| OTHER SECTORS | 9 | - | 16331 | 38944 | - | - | - | 633 | 8859 | - | 64775 |
| Residential | 9 | - | 8741 | 34211 | - | - | - | - | 4391 | - | 47351 |
| Comm. and publ. services | - | - | 3928 | 4584 | - | - | - | - | 2555 | - | 11066 |
| Agriculture/forestry | - | - | 3662 | 150 | - | - | - | - | 1526 | - | 5338 |
| Other/non-specified | - | - | - | - | - | - | - | 633 | 388 | - | 1020 |
| NON-ENERGY USE | 2 | - | 5728 | 4590 | - | - | - | - | - | - | 10319 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 25574 | 160282 | - | 17987 | 143 | - | - | - | 203986 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Iraq

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|--------------|--------------------|-------------|---------|-----------|----------------------|-------------------------|-------------|------|--------------|
| Production | - | 99550 | - | 1184 | - | 42 | - | 26 | - | - | 100802 |
| Imports | - | - | 9546 | - | - | - | - | - | 112 | - | 9658 |
| Exports | - | -75383 | - | - | - | - | - | - | - | - | -75383 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -804 | - | - | - | - | - | - | - | -804 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | 24167 | 8742 | 1184 | - | 42 | - | 26 | 112 | - | 34273 |
| Electricity and CHP plants | - | -3016 | -5202 | - | - | -42 | - | - | 2741 | - | -5519 |
| Petroleum refineries | - | -17817 | 16672 | - | - | - | - | - | - | - | -1145 |
| Other transformation* | - | -3335 | -1007 | - | - | - | - | -11 | -178 | - | -4531 |
| TFC | - | - | 19204 | 1184 | - | - | - | 15 | 2675 | - | 23079 |
| INDUSTRY SECTOR | - | - | 5679 | 1184 | - | - | - | - | - | - | 6863 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | 419 | - | - | - | - | - | - | - | 419 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 5260 | 1184 | - | - | - | - | - | - | 6444 |
| TRANSPORT SECTOR | - | - | 9473 | - | - | - | - | - | - | - | 9473 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 9473 | - | - | - | - | - | - | - | 9473 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 3469 | - | - | - | - | 15 | 2675 | - | 6159 |
| Residential | - | - | 3469 | - | - | - | - | - | - | - | 3469 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | 15 | 2675 | - | 2690 |
| NON-ENERGY USE | - | - | 584 | - | - | - | - | - | - | - | 584 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 31383 | - | - | 486 | - | - | - | - | 31869 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-------------|-----------|-----------|------------------------|----------------------|-------------|---------|--------------|
| Production | - | 103573 | - | 1192 | - | 44 | - | 26 | - | - | 104835 |
| Imports | - | - | 11417 | - | - | - | - | - | 117 | - | 11534 |
| Exports | - | -82418 | - | - | - | - | - | - | - | - | -82418 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -864 | - | - | - | - | - | - | - | -864 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | 21155 | 10553 | 1192 | - | 44 | - | 26 | 117 | - | 33086 |
| Electricity and CHP plants | - | -3016 | -5536 | - | - | -44 | - | - | 2854 | - | -5742 |
| Petroleum refineries | - | -16646 | 15577 | - | - | - | - | - | - | - | -1070 |
| Other transformation* | - | -1493 | -799 | - | - | - | - | -11 | -189 | - | -2491 |
| TFC | - | - | 19796 | 1192 | - | - | - | 15 | 2781 | - | 23784 |
| INDUSTRY SECTOR | - | - | 5788 | 1192 | - | - | - | - | - | - | 6980 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | 391 | - | - | - | - | - | - | - | 391 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 5397 | 1192 | - | - | - | - | - | - | 6589 |
| TRANSPORT SECTOR | - | - | 9802 | - | - | - | - | - | - | - | 9802 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 9802 | - | - | - | - | - | - | - | 9802 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 3662 | - | - | - | - | 15 | 2781 | - | 6457 |
| Residential | - | - | 3662 | - | - | - | - | - | - | - | 3662 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | 15 | 2781 | - | 2796 |
| NON-ENERGY USE | - | - | 544 | - | - | - | - | - | - | - | 544 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 32677 | - | - | 506 | - | - | - | - | 33183 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Israel / Israël

Figure 1. Energy production

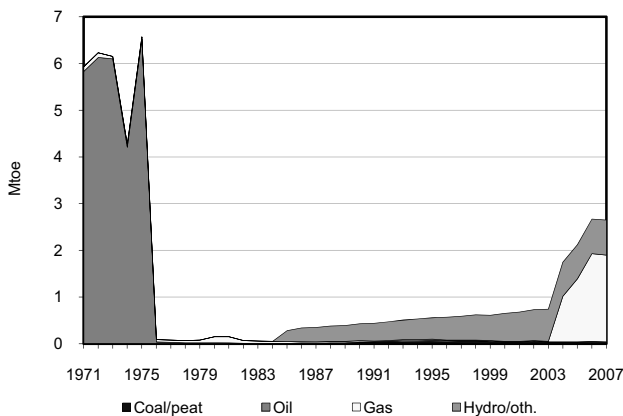


Figure 2. Total primary energy supply*

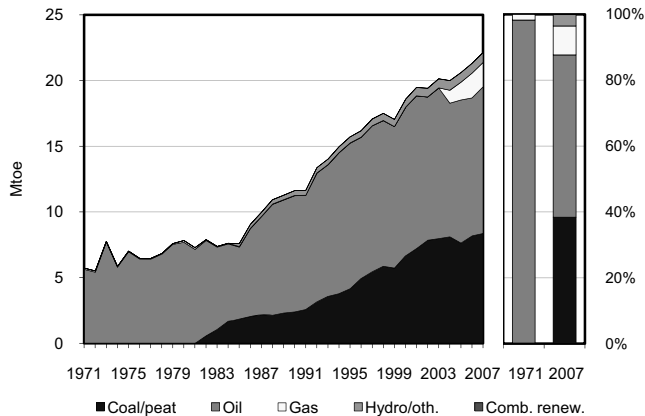


Figure 3. Energy self-sufficiency**

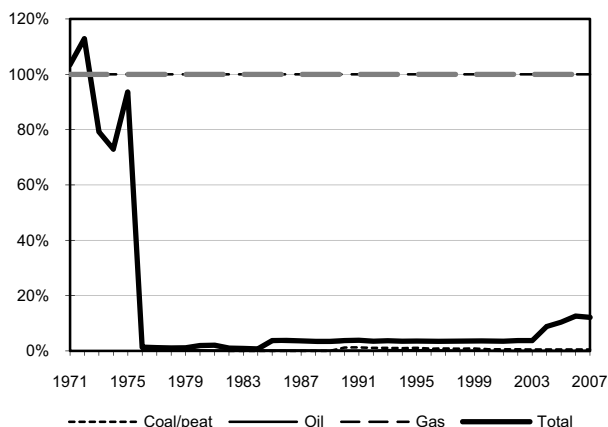


Figure 4. Oil products demand***

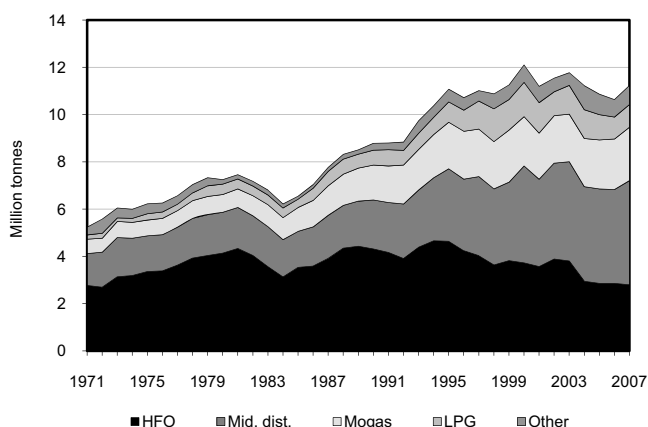


Figure 5. Electricity generation by fuel

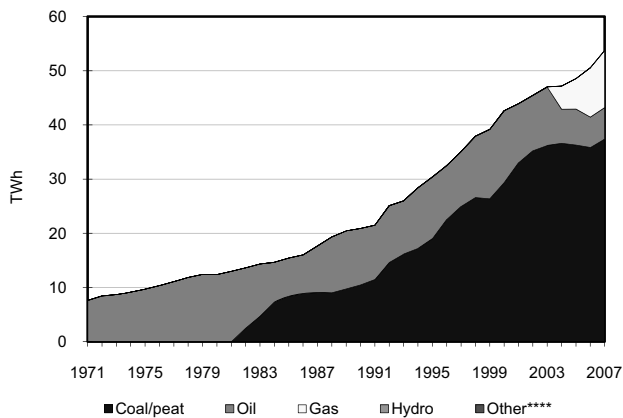
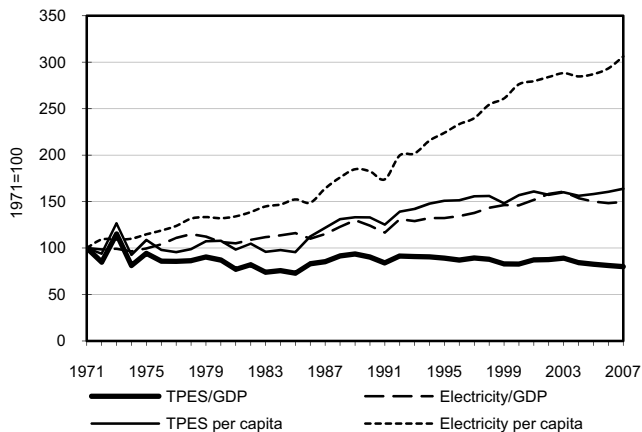


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Israel / Israël

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|-------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 45 | 2 | - | 1881 | - | 1 | 736 | 4 | - | - | 2670 |
| Imports | 7988 | 12024 | 2586 | - | - | - | - | 4 | - | - | 22602 |
| Exports | - | - | -3383 | - | - | - | - | - | -159 | - | -3542 |
| Intl. marine bunkers | - | - | -255 | - | - | - | - | - | - | - | -255 |
| Intl. aviation bunkers | - | - | -640 | - | - | - | - | - | - | - | -640 |
| Stock changes | 147 | - | 181 | - | - | - | - | - | - | - | 328 |
| TPES | 8180 | 12026 | -1512 | 1881 | - | 1 | 736 | 9 | -159 | - | 21163 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | -204 | -64 | -278 | -63 | - | - | - | - | 70 | - | -539 |
| Electricity plants | -7976 | - | -1293 | -1818 | - | -1 | - | - | 4347 | - | -6741 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -11963 | 11705 | - | - | - | - | - | - | - | -258 |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | - | - | -854 | - | - | - | - | - | -359 | - | -1213 |
| Distribution losses | - | - | - | - | - | - | - | - | -118 | - | -118 |
| TFC | - | - | 7768 | - | - | - | 736 | 9 | 3781 | - | 12294 |
| INDUSTRY SECTOR | - | - | 379 | - | - | - | - | - | 1018 | - | 1397 |
| Iron and steel | - | - | - | - | - | - | - | - | 104 | - | 104 |
| Chemical and petrochemical | - | - | 107 | - | - | - | - | - | 172 | - | 279 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | 65 | - | 65 |
| Transport equipment | - | - | - | - | - | - | - | - | 29 | - | 29 |
| Machinery | - | - | - | - | - | - | - | - | 88 | - | 88 |
| Mining and quarrying | - | - | - | - | - | - | - | - | 104 | - | 104 |
| Food and tobacco | - | - | - | - | - | - | - | - | 112 | - | 112 |
| Paper pulp and printing | - | - | - | - | - | - | - | - | 44 | - | 44 |
| Wood and wood products | - | - | - | - | - | - | - | - | 9 | - | 9 |
| Construction | - | - | - | - | - | - | - | - | 70 | - | 70 |
| Textile and leather | - | - | - | - | - | - | - | - | 49 | - | 49 |
| Non-specified | - | - | 272 | - | - | - | - | - | 171 | - | 442 |
| TRANSPORT SECTOR | - | - | 3441 | - | - | - | - | - | - | - | 3441 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 3441 | - | - | - | - | - | - | - | 3441 |
| Rail | - | - | - | - | - | - | - | - | - | - | - |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 2918 | - | - | - | 736 | 9 | 2763 | - | 6425 |
| Residential | - | - | 971 | - | - | - | 736 | 4 | 1231 | - | 2942 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 1186 | - | 1186 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 151 | - | 151 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 1947 | - | - | - | - | 4 | 196 | - | 2147 |
| NON-ENERGY USE | - | - | 1031 | - | - | - | - | - | - | - | 1031 |
| in industry/transf./energy | - | - | 1031 | - | - | - | - | - | - | - | 1031 |
| <i>of which: feedstocks</i> | - | - | 411 | - | - | - | - | - | - | - | 411 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 35835 | - | 5613 | 9085 | - | 15 | 2 | - | - | - | 50550 |
| <i>Electricity plants</i> | 35835 | - | 5613 | 9085 | - | 15 | 2 | - | - | - | 50550 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Israel / Israël

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|------------------|--------------|---------------------|--------------|-----------|-----------|------------------------|-------------------------|-------------|----------|--------------|
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | 43 | 2 | - | 1862 | - | 1 | 747 | 4 | - | - | 2659 |
| Imports | 8448 | 13688 | 2603 | - | - | - | - | 4 | - | - | 24744 |
| Exports | - | - | -4196 | - | - | - | - | - | -179 | - | -4375 |
| Intl. marine bunkers | - | - | -269 | - | - | - | - | - | - | - | -269 |
| Intl. aviation bunkers | - | - | -674 | - | - | - | - | - | - | - | -674 |
| Stock changes | -123 | - | - | - | - | - | - | - | - | - | -123 |
| TPES | 8368 | 13690 | -2535 | 1862 | - | 1 | 747 | 9 | -179 | - | 21963 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | 38 | -72 | -321 | - | - | - | - | - | 53 | - | -301 |
| Electricity plants | -8406 | - | -1313 | -1862 | - | -1 | - | - | 4625 | - | -6957 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -13619 | 13324 | - | - | - | - | - | - | - | -295 |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | - | - | -972 | - | - | - | - | - | -391 | - | -1363 |
| Distribution losses | - | - | - | - | - | - | - | - | -123 | - | -123 |
| TFC | - | - | 8183 | - | - | - | 747 | 9 | 3986 | - | 12925 |
| INDUSTRY SECTOR | - | - | 399 | - | - | - | - | - | 1054 | - | 1452 |
| Iron and steel | - | - | - | - | - | - | - | - | 112 | - | 112 |
| Chemical and petrochemical | - | - | 113 | - | - | - | - | - | 167 | - | 280 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | 66 | - | 66 |
| Transport equipment | - | - | - | - | - | - | - | - | 31 | - | 31 |
| Machinery | - | - | - | - | - | - | - | - | 90 | - | 90 |
| Mining and quarrying | - | - | - | - | - | - | - | - | 108 | - | 108 |
| Food and tobacco | - | - | - | - | - | - | - | - | 116 | - | 116 |
| Paper pulp and printing | - | - | - | - | - | - | - | - | 51 | - | 51 |
| Wood and wood products | - | - | - | - | - | - | - | - | 10 | - | 10 |
| Construction | - | - | - | - | - | - | - | - | 73 | - | 73 |
| Textile and leather | - | - | - | - | - | - | - | - | 50 | - | 50 |
| Non-specified | - | - | 286 | - | - | - | - | - | 179 | - | 465 |
| TRANSPORT SECTOR | - | - | 3622 | - | - | - | - | - | - | - | 3622 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 3622 | - | - | - | - | - | - | - | 3622 |
| Rail | - | - | - | - | - | - | - | - | - | - | - |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 3053 | - | - | - | 747 | 9 | 2932 | - | 6741 |
| Residential | - | - | 1004 | - | - | - | 747 | 4 | 1294 | - | 3050 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 1270 | - | 1270 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 159 | - | 159 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 2049 | - | - | - | - | 4 | 209 | - | 2262 |
| NON-ENERGY USE | - | - | 1109 | - | - | - | - | - | - | - | 1109 |
| in industry/transf./energy | - | - | 1109 | - | - | - | - | - | - | - | 1109 |
| <i>of which: feedstocks</i> | - | - | 432 | - | - | - | - | - | - | - | 432 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 37402 | - | 5797 | 10569 | - | 14 | 1 | - | - | - | 53783 |
| <i>Electricity plants</i> | 37402 | - | 5797 | 10569 | - | 14 | 1 | - | - | - | 53783 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Jamaica / Jamaïque

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|-----|---------|-----------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | - | - | - | - | 14 | 5 | 483 | - | - | 502 |
| Imports | 22 | 1032 | 3062 | - | - | - | - | - | - | - | 4116 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -30 | - | - | - | - | - | - | - | -30 |
| Intl. aviation bunkers | - | - | -263 | - | - | - | - | - | - | - | -263 |
| Stock changes | - | -10 | 17 | - | - | - | - | - | - | - | 7 |
| TPES | 22 | 1022 | 2786 | - | - | 14 | 5 | 483 | - | - | 4331 |
| Electricity and CHP plants | - | - | -1842 | - | - | -14 | -5 | -152 | 643 | - | -1370 |
| Petroleum refineries | - | -1022 | 1013 | - | - | - | - | - | - | - | -10 |
| Other transformation* | - | - | -29 | - | - | - | - | -202 | -83 | - | -314 |
| TFC | 22 | - | 1928 | - | - | - | - | 128 | 561 | - | 2638 |
| INDUSTRY SECTOR | 22 | - | 87 | - | - | - | - | - | 411 | - | 519 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 22 | - | - | - | - | - | - | - | - | - | 22 |
| Other/non-specified | - | - | 87 | - | - | - | - | - | 411 | - | 497 |
| TRANSPORT SECTOR | - | - | 937 | - | - | - | - | - | - | - | 937 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 556 | - | - | - | - | - | - | - | 556 |
| Other/non-specified | - | - | 381 | - | - | - | - | - | - | - | 381 |
| OTHER SECTORS | - | - | 871 | - | - | - | - | 128 | 150 | - | 1149 |
| Residential | - | - | 108 | - | - | - | - | 128 | 94 | - | 330 |
| Comm. and publ. services | - | - | 34 | - | - | - | - | - | 55 | - | 89 |
| Agriculture/forestry | - | - | 730 | - | - | - | - | - | - | - | 730 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 33 | - | - | - | - | - | - | - | 33 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 7146 | - | - | 166 | 55 | 106 | - | - | 7473 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|-----------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | - | - | - | - | 14 | 4 | 484 | - | - | 503 |
| Imports | 24 | 861 | 3908 | - | - | - | - | - | - | - | 4794 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -30 | - | - | - | - | - | - | - | -30 |
| Intl. aviation bunkers | - | - | -256 | - | - | - | - | - | - | - | -256 |
| Stock changes | - | - | -55 | - | - | - | - | - | - | - | -55 |
| TPES | 24 | 861 | 3568 | - | - | 14 | 4 | 484 | - | - | 4956 |
| Electricity and CHP plants | - | - | -1918 | - | - | -14 | -4 | -153 | 669 | - | -1420 |
| Petroleum refineries | - | -861 | 853 | - | - | - | - | - | - | - | -8 |
| Other transformation* | - | - | -365 | - | - | - | - | -202 | -86 | - | -653 |
| TFC | 24 | - | 2138 | - | - | - | - | 129 | 584 | - | 2875 |
| INDUSTRY SECTOR | 24 | - | 81 | - | - | - | - | - | 428 | - | 533 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 24 | - | - | - | - | - | - | - | - | - | 24 |
| Other/non-specified | - | - | 81 | - | - | - | - | - | 428 | - | 509 |
| TRANSPORT SECTOR | - | - | 997 | - | - | - | - | - | - | - | 997 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 531 | - | - | - | - | - | - | - | 531 |
| Other/non-specified | - | - | 466 | - | - | - | - | - | - | - | 466 |
| OTHER SECTORS | - | - | 1033 | - | - | - | - | 129 | 156 | - | 1318 |
| Residential | - | - | 104 | - | - | - | - | 129 | 98 | - | 332 |
| Comm. and publ. services | - | - | 33 | - | - | - | - | - | 58 | - | 90 |
| Agriculture/forestry | - | - | 896 | - | - | - | - | - | - | - | 896 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 27 | - | - | - | - | - | - | - | 27 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 7464 | - | - | 160 | 52 | 106 | - | - | 7782 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Jordan / Jordanie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|-------------|---------|----------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | 1 | - | 185 | - | 4 | 95 | 4 | - | - | 290 |
| Imports | - | 4263 | 788 | 1818 | - | - | - | 1 | 41 | - | 6910 |
| Exports | - | - | - | - | - | - | - | - | -1 | - | -1 |
| Intl. marine bunkers | - | - | -41 | - | - | - | - | - | - | - | -41 |
| Intl. aviation bunkers | - | - | -320 | - | - | - | - | - | - | - | -320 |
| Stock changes | - | 35 | -28 | - | - | - | - | - | - | - | 7 |
| TPES | - | 4298 | 399 | 2003 | - | 4 | 95 | 5 | 39 | - | 6845 |
| Electricity and CHP plants | - | - | -713 | -2003 | - | -4 | - | -2 | 995 | - | -1729 |
| Petroleum refineries | - | -4298 | 4205 | - | - | - | - | - | - | - | -93 |
| Other transformation* | - | - | -210 | - | - | - | - | - | -198 | - | -408 |
| TFC | - | - | 3681 | - | - | - | 95 | 3 | 836 | - | 4615 |
| INDUSTRY SECTOR | - | - | 944 | - | - | - | - | - | 228 | - | 1172 |
| Iron and steel | - | - | - | - | - | - | - | - | 1 | - | 1 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 13 | - | 13 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | 37 | - | 37 |
| Other/non-specified | - | - | 944 | - | - | - | - | - | 177 | - | 1121 |
| TRANSPORT SECTOR | - | - | 1577 | - | - | - | - | - | - | - | 1577 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1564 | - | - | - | - | - | - | - | 1564 |
| Other/non-specified | - | - | 13 | - | - | - | - | - | - | - | 13 |
| OTHER SECTORS | - | - | 1043 | - | - | - | 95 | 3 | 608 | - | 1749 |
| Residential | - | - | 680 | - | - | - | 90 | 3 | 314 | - | 1086 |
| Comm. and publ. services | - | - | 228 | - | - | - | 5 | - | 173 | - | 407 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 120 | - | 120 |
| Other/non-specified | - | - | 135 | - | - | - | - | 1 | - | - | 136 |
| NON-ENERGY USE | - | - | 117 | - | - | - | - | - | - | - | 117 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 3371 | 8135 | - | 51 | 3 | 6 | - | - | 11566 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-------------|-----------|----------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | 1 | - | 165 | - | 5 | 100 | 6 | - | - | 277 |
| Imports | - | 4043 | 1041 | 2241 | - | - | - | 1 | 17 | - | 7343 |
| Exports | - | - | - | - | - | - | - | - | -15 | - | -15 |
| Intl. marine bunkers | - | - | -38 | - | - | - | - | - | - | - | -38 |
| Intl. aviation bunkers | - | - | -312 | - | - | - | - | - | - | - | -312 |
| Stock changes | - | -27 | -27 | - | - | - | - | - | - | - | -54 |
| TPES | - | 4018 | 663 | 2406 | - | 5 | 100 | 6 | 2 | - | 7201 |
| Electricity and CHP plants | - | - | -629 | -2406 | - | -5 | - | -3 | 1118 | - | -1925 |
| Petroleum refineries | - | -4018 | 3953 | - | - | - | - | - | - | - | -64 |
| Other transformation* | - | - | -238 | - | - | - | - | - | -199 | - | -437 |
| TFC | - | - | 3749 | - | - | - | 100 | 4 | 921 | - | 4774 |
| INDUSTRY SECTOR | - | - | 940 | - | - | - | - | - | 242 | - | 1182 |
| Iron and steel | - | - | - | - | - | - | - | - | 1 | - | 1 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 11 | - | 11 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | 38 | - | 38 |
| Other/non-specified | - | - | 940 | - | - | - | - | - | 192 | - | 1132 |
| TRANSPORT SECTOR | - | - | 1695 | - | - | - | - | - | - | - | 1695 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1688 | - | - | - | - | - | - | - | 1688 |
| Other/non-specified | - | - | 7 | - | - | - | - | - | - | - | 7 |
| OTHER SECTORS | - | - | 1004 | - | - | - | 100 | 4 | 679 | - | 1786 |
| Residential | - | - | 633 | - | - | - | 93 | 3 | 345 | - | 1074 |
| Comm. and publ. services | - | - | 209 | - | - | - | 7 | - | 196 | - | 412 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 137 | - | 137 |
| Other/non-specified | - | - | 162 | - | - | - | - | 1 | - | - | 163 |
| NON-ENERGY USE | - | - | 110 | - | - | - | - | - | - | - | 110 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 2988 | 9939 | - | 61 | 3 | 10 | - | - | 13001 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Kazakhstan

Figure 1. Energy production

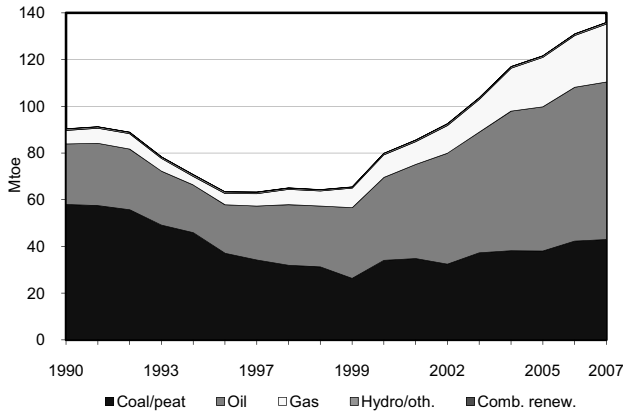


Figure 2. Total primary energy supply*

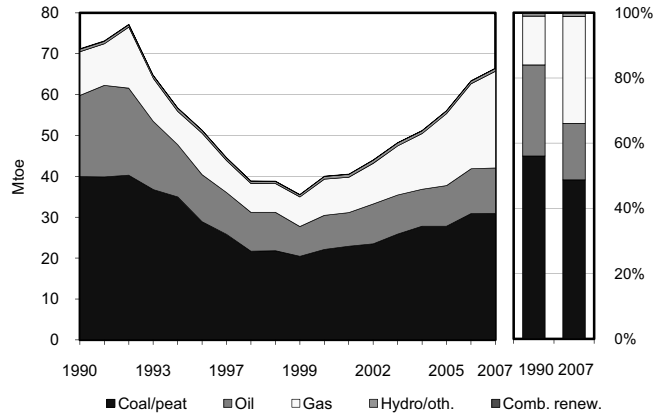


Figure 3. Energy self-sufficiency**

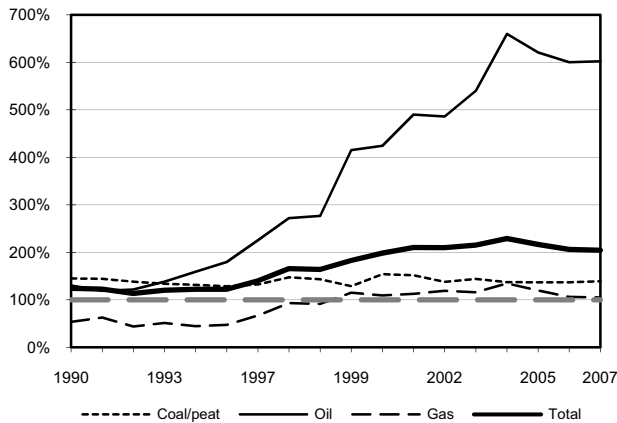


Figure 4. Oil products demand***

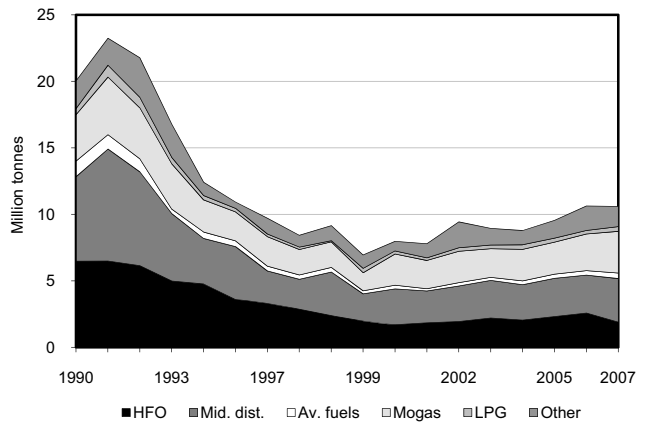


Figure 5. Electricity generation by fuel

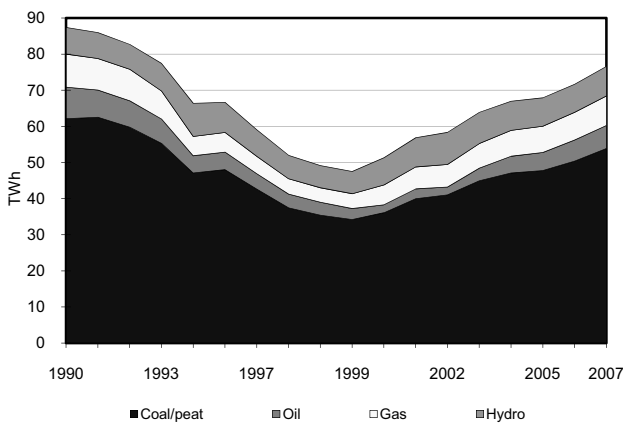
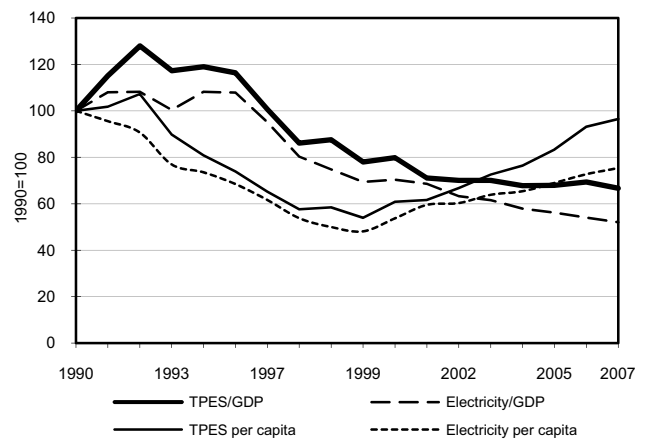


Figure 6. Selected indicators****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international marine bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** GDP in 2000 US dollars.

Kazakhstan

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|--------------|--------------|--------------------|--------------|----------|------------|----------------------|-------------------------|-------------|-------------|--------------|
| Production | 42311 | 65837 | - | 22125 | - | 668 | - | 73 | - | - | 131014 |
| Imports | 765 | 6471 | 1742 | 10483 | - | - | - | - | 358 | - | 19818 |
| Exports | -12267 | -59075 | -3518 | -11817 | - | - | - | - | -286 | - | -86963 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -255 | - | - | - | - | - | - | - | -255 |
| Stock changes | 101 | - | -237 | - | - | - | - | - | - | - | -136 |
| TPES | 30910 | 13232 | -2268 | 20791 | - | 668 | - | 73 | 72 | - | 63479 |
| Electricity and CHP plants | -22064 | -48 | -724 | -1916 | - | -668 | - | - | 6162 | 8336 | -10922 |
| Petroleum refineries | - | -12216 | 11815 | - | - | - | - | - | - | - | -401 |
| Other transformation* | -2330 | -861 | -426 | -4814 | - | - | - | - | -1969 | -1000 | -11401 |
| TFC | 6516 | 107 | 8397 | 14062 | - | - | - | 73 | 4265 | 7335 | 40755 |
| INDUSTRY SECTOR | 5848 | - | 3092 | 890 | - | - | - | - | 2568 | 3587 | 15985 |
| Iron and steel | 1609 | - | 468 | - | - | - | - | - | 721 | - | 2798 |
| Chemical and petrochemical | - | - | 441 | - | - | - | - | - | 171 | - | 611 |
| Non-metallic minerals | - | - | 20 | - | - | - | - | - | 92 | - | 111 |
| Other/non-specified | 4239 | - | 2163 | 890 | - | - | - | - | 1584 | 3587 | 12465 |
| TRANSPORT SECTOR | - | - | 3560 | - | - | - | - | - | 183 | 88 | 3831 |
| Domestic aviation | - | - | 92 | - | - | - | - | - | - | - | 92 |
| Road | - | - | 3135 | - | - | - | - | - | - | - | 3135 |
| Other/non-specified | - | - | 333 | - | - | - | - | - | 183 | 88 | 604 |
| OTHER SECTORS | 49 | - | 1253 | 13172 | - | - | - | 73 | 1514 | 3660 | 19721 |
| Residential | 49 | - | 181 | - | - | - | - | - | 577 | 1782 | 2590 |
| Comm. and publ. services | - | - | 169 | - | - | - | - | - | - | - | 169 |
| Agriculture/forestry | - | - | 708 | - | - | - | - | - | 537 | - | 1245 |
| Other/non-specified | - | - | 194 | 13172 | - | - | - | 73 | 400 | 1878 | 15717 |
| NON-ENERGY USE | 619 | 107 | 492 | - | - | - | - | - | - | - | 1218 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 50406 | - | 5830 | 7653 | - | 7768 | - | - | - | - | 71657 |
| Heat generated - TJ | 349072 | - | - | - | - | - | - | - | - | - | 349072 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|--------------|-----------|------------|------------------------|----------------------|-------------|-------------|--------------|
| Production | 43014 | 67413 | - | 24792 | - | 703 | - | 73 | - | - | 135995 |
| Imports | 718 | 7085 | 2549 | 5352 | - | - | - | - | 281 | - | 15986 |
| Exports | -13214 | -61718 | -3963 | -6519 | - | - | - | - | -311 | - | -85725 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -313 | - | - | - | - | - | - | - | -313 |
| Stock changes | 380 | - | 140 | - | - | - | - | - | - | - | 520 |
| TPES | 30898 | 12780 | -1588 | 23626 | - | 703 | - | 73 | -30 | - | 66462 |
| Electricity and CHP plants | -20972 | -48 | -745 | -2048 | - | -703 | - | - | 6588 | 9339 | -8590 |
| Petroleum refineries | - | -12306 | 12009 | - | - | - | - | - | - | - | -297 |
| Other transformation* | -2654 | -420 | -894 | -5819 | - | - | - | - | -2134 | -1020 | -12940 |
| TFC | 7272 | 6 | 8782 | 15759 | - | - | - | 73 | 4423 | 8319 | 44635 |
| INDUSTRY SECTOR | 6628 | - | 2637 | 792 | - | - | - | - | 2663 | 4068 | 16788 |
| Iron and steel | 1762 | - | 299 | - | - | - | - | - | 747 | - | 2809 |
| Chemical and petrochemical | - | - | 261 | - | - | - | - | - | 177 | - | 438 |
| Non-metallic minerals | - | - | 16 | - | - | - | - | - | 95 | - | 111 |
| Other/non-specified | 4866 | - | 2061 | 792 | - | - | - | - | 1644 | 4068 | 13430 |
| TRANSPORT SECTOR | - | - | 4113 | - | - | - | - | - | 190 | 100 | 4402 |
| Domestic aviation | - | - | 112 | - | - | - | - | - | - | - | 112 |
| Road | - | - | 3625 | - | - | - | - | - | - | - | 3625 |
| Other/non-specified | - | - | 376 | - | - | - | - | - | 190 | 100 | 665 |
| OTHER SECTORS | - | - | 1441 | 14967 | - | - | - | 73 | 1570 | 4151 | 22203 |
| Residential | - | - | 89 | - | - | - | - | - | 598 | 2021 | 2708 |
| Comm. and publ. services | - | - | 187 | - | - | - | - | - | - | - | 187 |
| Agriculture/forestry | - | - | 929 | - | - | - | - | - | 557 | - | 1486 |
| Other/non-specified | - | - | 237 | 14967 | - | - | - | 73 | 415 | 2130 | 17822 |
| NON-ENERGY USE | 643 | 6 | 592 | - | - | - | - | - | - | - | 1241 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 53880 | - | 6365 | 8180 | - | 8171 | - | - | - | - | 76596 |
| Heat generated - TJ | 391083 | - | - | - | - | - | - | - | - | - | 391083 |

* Includes transfers, statistical differences, own use and distribution losses.

Kenya

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|-----|---------|------------|----------------------|-------------------------|-------------|------|--------------|
| Production | - | - | - | - | - | 282 | 870 | 13203 | - | - | 14355 |
| Imports | 74 | 1651 | 2289 | - | - | - | - | - | 1 | - | 4015 |
| Exports | - | - | -352 | - | - | - | - | - | -6 | - | -358 |
| Intl. marine bunkers | - | - | -47 | - | - | - | - | - | - | - | -47 |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | - | 202 | - | - | - | - | - | - | - | - | 202 |
| TPES | 74 | 1853 | 1890 | - | - | 282 | 870 | 13203 | -5 | - | 18167 |
| Electricity and CHP plants | - | - | -658 | - | - | -282 | -870 | -401 | 567 | - | -1645 |
| Petroleum refineries | - | -1659 | 1646 | - | - | - | - | - | - | - | -13 |
| Other transformation* | - | -193 | -71 | - | - | - | - | -4311 | -107 | - | -4682 |
| TFC | 74 | - | 2808 | - | - | - | - | 8491 | 455 | - | 11828 |
| INDUSTRY SECTOR | 74 | - | 455 | - | - | - | - | - | 289 | - | 818 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 74 | - | - | - | - | - | - | - | - | - | 74 |
| Other/non-specified | - | - | 455 | - | - | - | - | - | 289 | - | 744 |
| TRANSPORT SECTOR | - | - | 1833 | - | - | - | - | - | - | - | 1833 |
| Domestic aviation | - | - | 734 | - | - | - | - | - | - | - | 734 |
| Road | - | - | 1049 | - | - | - | - | - | - | - | 1049 |
| Other/non-specified | - | - | 50 | - | - | - | - | - | - | - | 50 |
| OTHER SECTORS | - | - | 500 | - | - | - | - | 8491 | 166 | - | 9157 |
| Residential | - | - | 341 | - | - | - | - | 8491 | 115 | - | 8946 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 48 | - | 48 |
| Agriculture/forestry | - | - | 117 | - | - | - | - | - | 4 | - | 120 |
| Other/non-specified | - | - | 42 | - | - | - | - | - | - | - | 42 |
| NON-ENERGY USE | - | - | 21 | - | - | - | - | - | - | - | 21 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 1978 | - | - | 3278 | 1012 | 321 | - | - | 6589 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|------------|------------------------|----------------------|-------------|---------|--------------|
| Production | - | - | - | - | - | 300 | 877 | 13548 | - | - | 14725 |
| Imports | 68 | 1607 | 2342 | - | - | - | - | - | 2 | - | 4019 |
| Exports | - | - | -387 | - | - | - | - | - | -4 | - | -391 |
| Intl. marine bunkers | - | - | -49 | - | - | - | - | - | - | - | -49 |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 68 | 1607 | 1907 | - | - | 300 | 877 | 13548 | -2 | - | 18305 |
| Electricity and CHP plants | - | - | -661 | - | - | -300 | -877 | -401 | 582 | - | -1656 |
| Petroleum refineries | - | -1671 | 1646 | - | - | - | - | - | - | - | -25 |
| Other transformation* | - | 65 | -48 | - | - | - | - | -4427 | -104 | - | -4515 |
| TFC | 68 | - | 2845 | - | - | - | - | 8720 | 477 | - | 12109 |
| INDUSTRY SECTOR | 68 | - | 431 | - | - | - | - | - | 295 | - | 794 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 68 | - | - | - | - | - | - | - | - | - | 68 |
| Other/non-specified | - | - | 431 | - | - | - | - | - | 295 | - | 726 |
| TRANSPORT SECTOR | - | - | 1881 | - | - | - | - | - | - | - | 1881 |
| Domestic aviation | - | - | 754 | - | - | - | - | - | - | - | 754 |
| Road | - | - | 1078 | - | - | - | - | - | - | - | 1078 |
| Other/non-specified | - | - | 49 | - | - | - | - | - | - | - | 49 |
| OTHER SECTORS | - | - | 512 | - | - | - | - | 8720 | 182 | - | 9415 |
| Residential | - | - | 354 | - | - | - | - | 8720 | 129 | - | 9203 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 51 | - | 51 |
| Agriculture/forestry | - | - | 114 | - | - | - | - | - | 3 | - | 117 |
| Other/non-specified | - | - | 44 | - | - | - | - | - | - | - | 44 |
| NON-ENERGY USE | - | - | 20 | - | - | - | - | - | - | - | 20 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 1948 | - | - | 3483 | 1020 | 321 | - | - | 6772 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Dem. People's Rep. of Korea / Rép. pop. dém. de Corée

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|--------------|------------|--------------------|-----|---------|-------------|----------------------|-------------------------|-------------|------|--------------|
| Production | 20128 | - | - | - | - | 1085 | - | 1035 | - | - | 22249 |
| Imports | 280 | 370 | 340 | - | - | - | - | - | - | - | 989 |
| Exports | -1582 | - | - | - | - | - | - | - | - | - | -1582 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 18825 | 370 | 340 | - | - | 1085 | - | 1035 | - | - | 21656 |
| Electricity and CHP plants | -2850 | - | -275 | - | - | -1085 | - | - | 1929 | - | -2281 |
| Petroleum refineries | - | -370 | 363 | - | - | - | - | - | - | - | -6 |
| Other transformation* | -82 | - | -11 | - | - | - | - | - | -488 | - | -581 |
| TFC | 15893 | - | 418 | - | - | - | - | 1035 | 1442 | - | 18788 |
| INDUSTRY SECTOR | 12167 | - | 61 | - | - | - | - | - | 721 | - | 12949 |
| Iron and steel | 197 | - | - | - | - | - | - | - | - | - | 197 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 11970 | - | 61 | - | - | - | - | - | 721 | - | 12752 |
| TRANSPORT SECTOR | - | - | 331 | - | - | - | - | - | - | - | 331 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 331 | - | - | - | - | - | - | - | 331 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 3726 | - | 26 | - | - | - | - | 1035 | 721 | - | 5508 |
| Residential | - | - | 26 | - | - | - | - | - | - | - | 26 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 3726 | - | - | - | - | - | - | 1035 | 721 | - | 5482 |
| NON-ENERGY USE | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 9177 | - | 639 | - | - | 12620 | - | - | - | - | 22436 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|-------------|------------------------|----------------------|-------------|---------|--------------|
| Production | 17505 | - | - | - | - | 1142 | - | 1039 | - | - | 19686 |
| Imports | 228 | 442 | 406 | - | - | - | - | - | - | - | 1075 |
| Exports | -2386 | - | - | - | - | - | - | - | - | - | -2386 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 15347 | 442 | 406 | - | - | 1142 | - | 1039 | - | - | 18375 |
| Electricity and CHP plants | -2324 | - | -327 | - | - | -1142 | - | - | 1851 | - | -1942 |
| Petroleum refineries | - | -442 | 435 | - | - | - | - | - | - | - | -7 |
| Other transformation* | -67 | - | -12 | - | - | - | - | - | -469 | - | -548 |
| TFC | 12956 | - | 501 | - | - | - | - | 1039 | 1383 | - | 15879 |
| INDUSTRY SECTOR | 9919 | - | 74 | - | - | - | - | - | 691 | - | 10685 |
| Iron and steel | 161 | - | - | - | - | - | - | - | - | - | 161 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 9758 | - | 74 | - | - | - | - | - | 691 | - | 10524 |
| TRANSPORT SECTOR | - | - | 396 | - | - | - | - | - | - | - | 396 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 396 | - | - | - | - | - | - | - | 396 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 3037 | - | 31 | - | - | - | - | 1039 | 691 | - | 4798 |
| Residential | - | - | 31 | - | - | - | - | - | - | - | 31 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 3037 | - | - | - | - | - | - | 1039 | 691 | - | 4767 |
| NON-ENERGY USE | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 7482 | - | 761 | - | - | 13280 | - | - | - | - | 21523 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Kuwait / Koweït

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|--------------|--------------------|-------------|---------|-------|----------------------|-------------------------|-------------|------|--------------|
| Production | - | 140911 | - | 9687 | - | - | - | - | - | - | 150598 |
| Imports | - | - | - | - | - | - | - | - | - | - | - |
| Exports | - | -88965 | -36015 | - | - | - | - | - | - | - | -124980 |
| Intl. marine bunkers | - | - | -318 | - | - | - | - | - | - | - | -318 |
| Intl. aviation bunkers | - | - | -590 | - | - | - | - | - | - | - | -590 |
| Stock changes | - | - | -8 | - | - | - | - | - | - | - | -8 |
| TPES | - | 51945 | -36931 | 9687 | - | - | - | - | - | - | 24701 |
| Electricity and CHP plants | - | -1449 | -6100 | -2856 | - | - | - | - | 4094 | - | -6311 |
| Petroleum refineries | - | -45714 | 44640 | - | - | - | - | - | - | - | -1074 |
| Other transformation* | - | -4783 | 3307 | -3443 | - | - | - | - | -1503 | - | -6422 |
| TFC | - | - | 4916 | 3388 | - | - | - | - | 2591 | - | 10895 |
| INDUSTRY SECTOR | - | - | 542 | 3388 | - | - | - | - | - | - | 3930 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | 1344 | - | - | - | - | - | - | 1344 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 542 | 2044 | - | - | - | - | - | - | 2586 |
| TRANSPORT SECTOR | - | - | 3183 | - | - | - | - | - | - | - | 3183 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 3183 | - | - | - | - | - | - | - | 3183 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 160 | - | - | - | - | - | 2591 | - | 2752 |
| Residential | - | - | 160 | - | - | - | - | - | 1717 | - | 1878 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 874 | - | 874 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 1031 | - | - | - | - | - | - | - | 1031 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 34529 | 13078 | - | - | - | - | - | - | 47607 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-------------|-----------|-------|------------------------|----------------------|-------------|---------|--------------|
| Production | - | 137135 | - | 9431 | - | - | - | - | - | - | 146566 |
| Imports | - | - | - | - | - | - | - | - | - | - | - |
| Exports | - | -83200 | -37042 | - | - | - | - | - | - | - | -120243 |
| Intl. marine bunkers | - | - | -487 | - | - | - | - | - | - | - | -487 |
| Intl. aviation bunkers | - | - | -647 | - | - | - | - | - | - | - | -647 |
| Stock changes | - | - | 10 | - | - | - | - | - | - | - | 10 |
| TPES | - | 53934 | -38165 | 9431 | - | - | - | - | - | - | 25200 |
| Electricity and CHP plants | - | -2338 | -5434 | -2970 | - | - | - | - | 4193 | - | -6549 |
| Petroleum refineries | - | -46988 | 45646 | - | - | - | - | - | - | - | -1342 |
| Other transformation* | - | -4609 | 3120 | -3750 | - | - | - | - | -1565 | - | -6803 |
| TFC | - | - | 5167 | 2711 | - | - | - | - | 2627 | - | 10505 |
| INDUSTRY SECTOR | - | - | 554 | 2711 | - | - | - | - | - | - | 3265 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | 1347 | - | - | - | - | - | - | 1347 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 554 | 1364 | - | - | - | - | - | - | 1918 |
| TRANSPORT SECTOR | - | - | 3282 | - | - | - | - | - | - | - | 3282 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 3282 | - | - | - | - | - | - | - | 3282 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 172 | - | - | - | - | - | 2627 | - | 2800 |
| Residential | - | - | 172 | - | - | - | - | - | 1758 | - | 1930 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 869 | - | 869 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 1158 | - | - | - | - | - | - | - | 1158 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 35262 | 13491 | - | - | - | - | - | - | 48753 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Kyrgyzstan / Kirghizistan

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|------------|----------|-------------|----------------------|-------------------------|-------------|------------|-------------|
| Production | 117 | 71 | - | 16 | - | 1280 | - | 4 | - | - | 1488 |
| Imports | 412 | - | 604 | 629 | - | - | - | - | - | - | 1645 |
| Exports | -13 | - | -89 | - | - | - | - | - | -217 | - | -319 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 515 | 71 | 515 | 645 | - | 1280 | - | 4 | -217 | - | 2814 |
| Electricity and CHP plants | -147 | - | - | -404 | - | -1280 | - | - | 1469 | 178 | -185 |
| Petroleum refineries | - | -71 | 68 | - | - | - | - | - | - | - | -4 |
| Other transformation* | - | - | - | - | - | - | - | - | -362 | - | -362 |
| TFC | 368 | - | 583 | 241 | - | - | - | 4 | 890 | 178 | 2263 |
| INDUSTRY SECTOR | 368 | - | - | - | - | - | - | - | 306 | - | 673 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 8 | - | 8 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | 24 | - | 24 |
| Other/non-specified | 368 | - | - | - | - | - | - | - | 274 | - | 641 |
| TRANSPORT SECTOR | - | - | 374 | - | - | - | - | - | 10 | - | 385 |
| Domestic aviation | - | - | 132 | - | - | - | - | - | - | - | 132 |
| Road | - | - | 242 | - | - | - | - | - | - | - | 242 |
| Other/non-specified | - | - | - | - | - | - | - | - | 10 | - | 11 |
| OTHER SECTORS | - | - | 173 | 241 | - | - | - | 4 | 574 | 178 | 1169 |
| Residential | - | - | - | - | - | - | - | - | 280 | - | 280 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 242 | - | 242 |
| Other/non-specified | - | - | 173 | 241 | - | - | - | 4 | 52 | 178 | 647 |
| NON-ENERGY USE | - | - | 35 | - | - | - | - | - | - | - | 35 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 563 | - | - | 1632 | - | 14887 | - | - | - | - | 17082 |
| Heat generated - TJ | 2311 | - | - | 5130 | - | - | - | - | - | - | 7441 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|------------|-----------|-------------|------------------------|----------------------|-------------|------------|-------------|
| Production | 142 | 69 | - | 13 | - | 1200 | - | 4 | - | - | 1427 |
| Imports | 408 | 58 | 655 | 679 | - | - | - | - | - | - | 1800 |
| Exports | -13 | - | -97 | - | - | - | - | - | -205 | - | -314 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 536 | 128 | 559 | 692 | - | 1200 | - | 4 | -205 | - | 2913 |
| Electricity and CHP plants | -141 | - | - | -433 | - | -1200 | - | - | 1397 | 188 | -189 |
| Petroleum refineries | - | -128 | 121 | - | - | - | - | - | - | - | -7 |
| Other transformation* | - | - | - | - | - | - | - | - | -423 | - | -423 |
| TFC | 395 | - | 680 | 259 | - | - | - | 4 | 769 | 188 | 2294 |
| INDUSTRY SECTOR | 395 | - | - | - | - | - | - | - | 264 | - | 659 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 7 | - | 7 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | 21 | - | 21 |
| Other/non-specified | 395 | - | - | - | - | - | - | - | 236 | - | 631 |
| TRANSPORT SECTOR | - | - | 410 | - | - | - | - | - | 9 | - | 419 |
| Domestic aviation | - | - | 143 | - | - | - | - | - | - | - | 143 |
| Road | - | - | 267 | - | - | - | - | - | - | - | 267 |
| Other/non-specified | - | - | - | - | - | - | - | - | 9 | - | 9 |
| OTHER SECTORS | - | - | 232 | 259 | - | - | - | 4 | 496 | 188 | 1178 |
| Residential | - | - | - | - | - | - | - | - | 242 | - | 242 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 209 | - | 209 |
| Other/non-specified | - | - | 232 | 259 | - | - | - | 4 | 45 | 188 | 727 |
| NON-ENERGY USE | - | - | 38 | - | - | - | - | - | - | - | 38 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 540 | - | - | 1749 | - | 13948 | - | - | - | - | 16237 |
| Heat generated - TJ | 2448 | - | - | 5433 | - | - | - | - | - | - | 7881 |

* Includes transfers, statistical differences, own use and distribution losses.

Latvia / Lettonie

Figure 1. Energy production

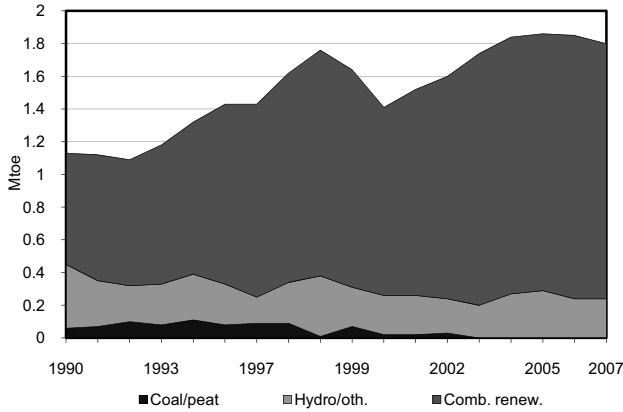


Figure 2. Total primary energy supply*

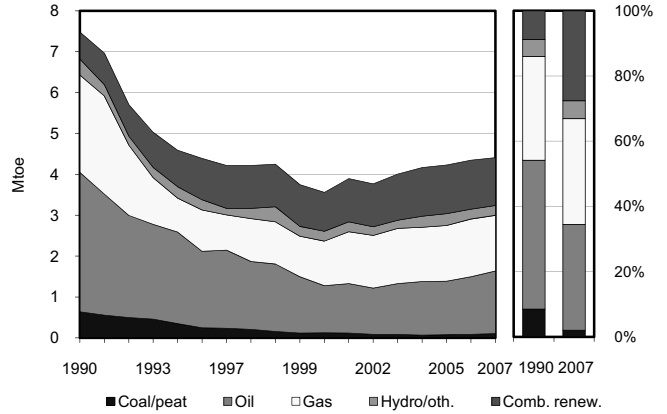


Figure 3. Energy self-sufficiency**

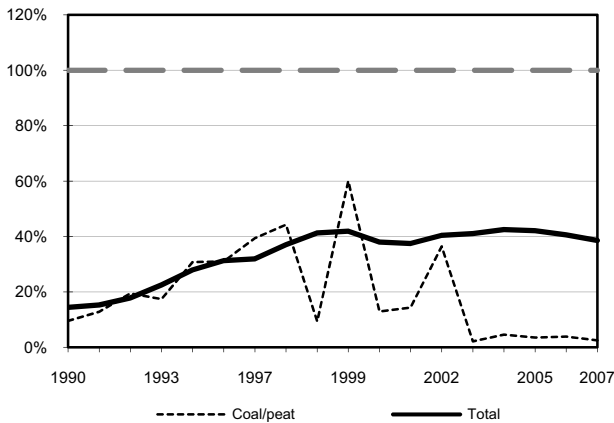


Figure 4. Oil products demand***

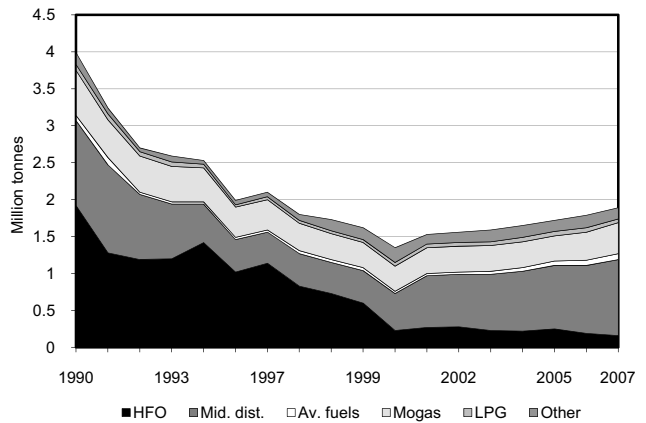


Figure 5. Electricity generation by fuel

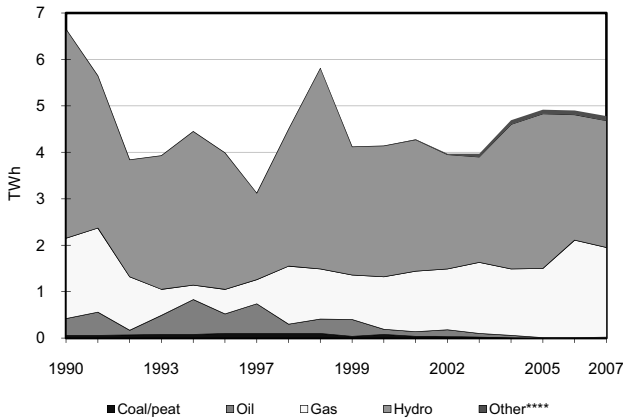
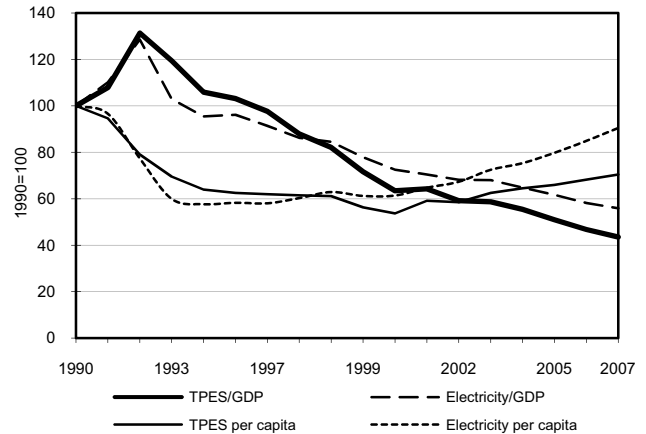


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international marine bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Latvia / Lettonie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 3 | - | - | - | - | 232 | 4 | 1607 | - | - | 1846 |
| Imports | 104 | 22 | 1963 | 1530 | - | - | - | 15 | 242 | - | 3875 |
| Exports | - | - | -271 | - | - | - | - | -414 | -26 | - | -711 |
| Intl. marine bunkers | - | - | -195 | - | - | - | - | - | - | - | -195 |
| Intl. aviation bunkers | - | - | -66 | - | - | - | - | - | - | - | -66 |
| Stock changes | -20 | -2 | -45 | -123 | - | - | - | -12 | - | - | -202 |
| TPES | 87 | 20 | 1386 | 1406 | - | 232 | 4 | 1197 | 216 | - | 4548 |
| Transfers | - | -20 | 26 | - | - | - | - | - | - | - | 6 |
| Statistical differences | - | - | 132 | - | - | - | - | - | - | - | 132 |
| Electricity plants | - | - | - | - | - | -232 | -4 | - | 236 | - | - |
| CHP plants | - | - | -13 | -642 | - | - | - | -21 | 185 | 398 | -95 |
| Heat plants | -6 | - | -17 | -222 | - | - | - | -148 | - | 320 | -74 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | -6 | - | - | -6 |
| Own use | - | - | -6 | -22 | - | - | - | -3 | -38 | -23 | -92 |
| Distribution losses | - | - | - | -6 | - | - | - | - | -70 | -112 | -189 |
| TFC | 80 | - | 1507 | 513 | - | - | - | 1018 | 528 | 582 | 4229 |
| INDUSTRY SECTOR | 36 | - | 101 | 290 | - | - | - | 148 | 151 | 15 | 742 |
| Iron and steel | 3 | - | 22 | 98 | - | - | - | - | 14 | - | 136 |
| Chemical and petrochemical | - | - | - | 11 | - | - | - | 1 | 6 | - | 19 |
| Non-ferrous metals | - | - | - | 5 | - | - | - | - | - | - | 5 |
| Non-metallic minerals | 27 | - | 25 | 45 | - | - | - | 6 | 13 | - | 117 |
| Transport equipment | - | - | 2 | 6 | - | - | - | - | 5 | 1 | 14 |
| Machinery | 1 | - | 2 | 8 | - | - | - | 2 | 14 | 3 | 30 |
| Mining and quarrying | 1 | - | 2 | 2 | - | - | - | - | 1 | - | 6 |
| Food and tobacco | 3 | - | 24 | 66 | - | - | - | 18 | 28 | 1 | 139 |
| Paper pulp and printing | 1 | - | - | 6 | - | - | - | - | 3 | 2 | 12 |
| Wood and wood products | - | - | 6 | 19 | - | - | - | 101 | 37 | 1 | 164 |
| Construction | 1 | - | 17 | 10 | - | - | - | 6 | 10 | 1 | 45 |
| Textile and leather | 1 | - | - | 12 | - | - | - | 1 | 9 | 5 | 27 |
| Non-specified | - | - | 1 | 3 | - | - | - | 12 | 11 | 1 | 27 |
| TRANSPORT SECTOR | - | - | 1097 | 2 | - | - | - | 2 | 13 | - | 1114 |
| Domestic aviation | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Road | - | - | 1023 | 2 | - | - | - | 2 | - | - | 1027 |
| Rail | - | - | 73 | - | - | - | - | - | 3 | - | 77 |
| Pipeline transport | - | - | - | - | - | - | - | - | 3 | - | 3 |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | 7 | - | 7 |
| OTHER SECTORS | 44 | - | 204 | 222 | - | - | - | 867 | 364 | 567 | 2269 |
| Residential | 19 | - | 39 | 103 | - | - | - | 745 | 149 | 425 | 1481 |
| Comm. and publ. services | 24 | - | 56 | 102 | - | - | - | 111 | 200 | 138 | 631 |
| Agriculture/forestry | 1 | - | 91 | 17 | - | - | - | 11 | 14 | 2 | 136 |
| Fishing | - | - | 18 | - | - | - | - | - | 1 | - | 19 |
| Non-specified | - | - | 1 | - | - | - | - | - | 1 | 1 | 3 |
| NON-ENERGY USE | - | - | 104 | - | - | - | - | - | - | - | 104 |
| in industry/transf./energy | - | - | 78 | - | - | - | - | - | - | - | 78 |
| <i>of which: feedstocks</i> | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | 26 | - | - | - | - | - | - | - | 26 |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | - | - | 5 | 2100 | - | 2698 | 46 | 42 | - | - | 4891 |
| <i>Electricity plants</i> | - | - | - | - | - | 2698 | 46 | - | - | - | 2744 |
| <i>CHP plants</i> | - | - | 5 | 2100 | - | - | - | 42 | - | - | 2147 |
| Heat generated - TJ | 210 | - | 1069 | 24324 | - | - | - | 4453 | - | - | 30056 |
| <i>CHP plants</i> | - | - | 459 | 15803 | - | - | - | 395 | - | - | 16657 |
| <i>Heat plants</i> | 210 | - | 610 | 8521 | - | - | - | 4058 | - | - | 13399 |

Latvia / Lettonie

2007

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 3 | - | - | - | - | 235 | 5 | 1559 | - | - | 1802 |
| Imports | 96 | 29 | 1885 | 1315 | - | - | - | 5 | 427 | - | 3756 |
| Exports | -2 | - | -149 | - | - | - | - | -402 | -169 | - | -723 |
| Intl. marine bunkers | - | - | -177 | - | - | - | - | - | - | - | -177 |
| Intl. aviation bunkers | - | - | -80 | - | - | - | - | - | - | - | -80 |
| Stock changes | 10 | 2 | 24 | 44 | - | - | - | 11 | - | - | 91 |
| TPES | 106 | 31 | 1503 | 1359 | - | 235 | 5 | 1173 | 258 | - | 4670 |
| Transfers | - | -31 | 37 | - | - | - | - | - | - | - | 6 |
| Statistical differences | - | - | 128 | - | - | - | - | -1 | - | - | 128 |
| Electricity plants | - | - | - | - | - | -235 | -5 | - | 240 | - | - |
| CHP plants | -5 | - | -12 | -606 | - | - | - | -20 | 171 | 384 | -89 |
| Heat plants | -7 | - | -14 | -209 | - | - | - | -143 | - | 301 | -71 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | -6 | - | - | -6 |
| Own use | -1 | - | -6 | -14 | - | - | - | -4 | -32 | -16 | -72 |
| Distribution losses | - | - | - | -8 | - | - | - | -1 | -69 | -106 | -184 |
| TFC | 94 | - | 1636 | 523 | - | - | - | 998 | 568 | 563 | 4382 |
| INDUSTRY SECTOR | 50 | - | 97 | 282 | - | - | - | 125 | 156 | 13 | 724 |
| Iron and steel | 3 | - | 22 | 98 | - | - | - | - | 13 | - | 136 |
| Chemical and petrochemical | - | - | - | 9 | - | - | - | 2 | 5 | - | 16 |
| Non-ferrous metals | - | - | - | 5 | - | - | - | - | - | - | 5 |
| Non-metallic minerals | 43 | - | 12 | 47 | - | - | - | 8 | 16 | - | 127 |
| Transport equipment | - | - | 1 | 6 | - | - | - | - | 7 | 1 | 15 |
| Machinery | 1 | - | 2 | 7 | - | - | - | 3 | 12 | 2 | 26 |
| Mining and quarrying | 1 | - | 3 | 2 | - | - | - | - | 1 | - | 7 |
| Food and tobacco | 2 | - | 20 | 56 | - | - | - | 16 | 30 | 1 | 125 |
| Paper pulp and printing | - | - | - | 5 | - | - | - | - | 4 | 1 | 10 |
| Wood and wood products | - | - | 6 | 24 | - | - | - | 82 | 38 | 1 | 151 |
| Construction | - | - | 30 | 10 | - | - | - | 3 | 10 | 2 | 55 |
| Textile and leather | - | - | - | 11 | - | - | - | - | 9 | 5 | 26 |
| Non-specified | 1 | - | 1 | 3 | - | - | - | 10 | 12 | 1 | 27 |
| TRANSPORT SECTOR | - | - | 1240 | 2 | - | - | - | 2 | 12 | - | 1255 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1159 | 2 | - | - | - | 2 | - | - | 1163 |
| Rail | - | - | 79 | - | - | - | - | - | 3 | - | 83 |
| Pipeline transport | - | - | - | - | - | - | - | - | 2 | - | 2 |
| Domestic navigation | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Non-specified | - | - | - | - | - | - | - | - | 7 | - | 7 |
| OTHER SECTORS | 44 | - | 190 | 239 | - | - | - | 871 | 400 | 550 | 2295 |
| Residential | 19 | - | 35 | 110 | - | - | - | 726 | 154 | 414 | 1458 |
| Comm. and publ. services | 23 | - | 46 | 114 | - | - | - | 129 | 233 | 134 | 679 |
| Agriculture/forestry | 1 | - | 97 | 15 | - | - | - | 16 | 12 | 2 | 143 |
| Fishing | - | - | 12 | - | - | - | - | - | 1 | - | 13 |
| Non-specified | - | - | 1 | - | - | - | - | - | 1 | - | 2 |
| NON-ENERGY USE | - | - | 108 | - | - | - | - | - | - | - | 108 |
| in industry/transf./energy | - | - | 82 | - | - | - | - | - | - | - | 82 |
| <i>of which: feedstocks</i> | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | 26 | - | - | - | - | - | - | - | 26 |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 1 | - | 17 | 1925 | - | 2733 | 53 | 42 | - | - | 4771 |
| <i>Electricity plants</i> | - | - | - | - | - | 2733 | 53 | 1 | - | - | 2787 |
| <i>CHP plants</i> | 1 | - | 17 | 1925 | - | - | - | 41 | - | - | 1984 |
| Heat generated - TJ | 371 | - | 856 | 23157 | - | - | - | 4301 | - | - | 28685 |
| <i>CHP plants</i> | 155 | - | 383 | 15190 | - | - | - | 350 | - | - | 16078 |
| <i>Heat plants</i> | 216 | - | 473 | 7967 | - | - | - | 3951 | - | - | 12607 |

Lebanon / Liban

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|----------|----------|-----------|----------------------|-------------------------|-------------|----------|-------------|
| Production | - | - | - | - | - | 60 | 16 | 138 | - | - | 214 |
| Imports | 132 | - | 4368 | - | - | - | - | 1 | 80 | - | 4581 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -18 | - | - | - | - | - | - | - | -18 |
| Intl. aviation bunkers | - | - | -110 | - | - | - | - | - | - | - | -110 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 132 | - | 4240 | - | - | 60 | 16 | 139 | 80 | - | 4667 |
| Electricity and CHP plants | - | - | -2060 | - | - | -60 | - | - | 799 | - | -1322 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | -23 | -132 | - | -155 |
| TFC | 132 | - | 2179 | - | - | - | 16 | 116 | 747 | - | 3190 |
| INDUSTRY SECTOR | 132 | - | 255 | - | - | - | - | - | 196 | - | 583 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 132 | - | - | - | - | - | - | - | - | - | 132 |
| Other/non-specified | - | - | 255 | - | - | - | - | - | 196 | - | 451 |
| TRANSPORT SECTOR | - | - | 1323 | - | - | - | - | - | - | - | 1323 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1323 | - | - | - | - | - | - | - | 1323 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 560 | - | - | - | 16 | 116 | 551 | - | 1243 |
| Residential | - | - | 560 | - | - | - | 16 | - | 285 | - | 861 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 125 | - | 125 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | 116 | 141 | - | 257 |
| NON-ENERGY USE | - | - | 42 | - | - | - | - | - | - | - | 42 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 8592 | - | - | 695 | - | - | - | - | 9287 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|-------------------------------------|------------------|--------------|---------------------|----------|-----------|-----------|------------------------|----------------------|-------------|----------|-------------|
| Production | - | - | - | - | - | 50 | 18 | 139 | - | - | 208 |
| Imports | 132 | - | 3707 | - | - | - | - | 1 | 84 | - | 3924 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -18 | - | - | - | - | - | - | - | -18 |
| Intl. aviation bunkers | - | - | -139 | - | - | - | - | - | - | - | -139 |
| Stock changes | - | - | 18 | - | - | - | - | - | - | - | 18 |
| TPES | 132 | - | 3568 | - | - | 50 | 18 | 141 | 84 | - | 3993 |
| Electricity and CHP plants | - | - | -1945 | - | - | -50 | - | - | 823 | - | -1172 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | -24 | -136 | - | -160 |
| TFC | 132 | - | 1623 | - | - | - | 18 | 117 | 771 | - | 2661 |
| INDUSTRY SECTOR | 132 | - | 146 | - | - | - | - | - | 202 | - | 480 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 132 | - | - | - | - | - | - | - | - | - | 132 |
| Other/non-specified | - | - | 146 | - | - | - | - | - | 202 | - | 348 |
| TRANSPORT SECTOR | - | - | 1033 | - | - | - | - | - | - | - | 1033 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1033 | - | - | - | - | - | - | - | 1033 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 403 | - | - | - | 18 | 117 | 569 | - | 1107 |
| Residential | - | - | 403 | - | - | - | 18 | - | 294 | - | 715 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 129 | - | 129 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | 117 | 146 | - | 263 |
| NON-ENERGY USE | - | - | 42 | - | - | - | - | - | - | - | 42 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 8990 | - | - | 585 | - | - | - | - | 9575 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Libyan Arab Jamahiriya / Jamahiriya arabe libyenne

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-------------|--------------|--------------------|-------------|---------|-------|----------------------|-------------------------|-------------|------|--------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | - | 89969 | - | 12086 | - | - | - | 158 | - | - | 102213 |
| Imports | - | - | 30 | - | - | - | - | - | 11 | - | 41 |
| Exports | - | -73129 | -4393 | -6821 | - | - | - | - | -8 | - | -84351 |
| Intl. marine bunkers | - | - | -86 | - | - | - | - | - | - | - | -86 |
| Intl. aviation bunkers | - | - | -184 | - | - | - | - | - | - | - | -184 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | 16841 | -4634 | 5265 | - | - | - | 158 | 3 | - | 17632 |
| Electricity and CHP plants | - | - | -4869 | -2479 | - | - | - | - | 2063 | - | -5285 |
| Petroleum refineries | - | -15546 | 14451 | - | - | - | - | - | - | - | -1094 |
| Other transformation* | - | -1295 | 663 | -538 | - | - | - | - | -211 | - | -1381 |
| TFC | - | - | 5612 | 2248 | - | - | - | 158 | 1855 | - | 9873 |
| INDUSTRY SECTOR | - | - | 392 | 967 | - | - | - | - | 291 | - | 1649 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 392 | 967 | - | - | - | - | 291 | - | 1649 |
| TRANSPORT SECTOR | - | - | 3184 | - | - | - | - | - | - | - | 3184 |
| Domestic aviation | - | - | 3 | - | - | - | - | - | - | - | 3 |
| Road | - | - | 3181 | - | - | - | - | - | - | - | 3181 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 893 | - | - | - | - | 158 | 1564 | - | 2616 |
| Residential | - | - | 893 | - | - | - | - | 158 | 692 | - | 1743 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 529 | - | 529 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 221 | - | 221 |
| Other/non-specified | - | - | - | - | - | - | - | - | 123 | - | 123 |
| NON-ENERGY USE | - | - | 1143 | 1281 | - | - | - | - | - | - | 2424 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 14191 | 9801 | - | - | - | - | - | - | 23992 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|-------------------------------------|------------------|--------------|---------------------|-------------|-----------|-------|------------------------|----------------------|-------------|---------|--------------|
| Production | - | 87989 | - | 13442 | - | - | - | 161 | - | - | 101592 |
| Imports | - | - | 30 | - | - | - | - | - | 7 | - | 37 |
| Exports | - | -71142 | -4223 | -8152 | - | - | - | - | -9 | - | -83526 |
| Intl. marine bunkers | - | - | -86 | - | - | - | - | - | - | - | -86 |
| Intl. aviation bunkers | - | - | -194 | - | - | - | - | - | - | - | -194 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | 16848 | -4473 | 5289 | - | - | - | 161 | -2 | - | 17823 |
| Electricity and CHP plants | - | - | -4855 | -2774 | - | - | - | - | 2210 | - | -5419 |
| Petroleum refineries | - | -15549 | 14459 | - | - | - | - | - | - | - | -1090 |
| Other transformation* | - | -1299 | 669 | -257 | - | - | - | - | -325 | - | -1212 |
| TFC | - | - | 5800 | 2258 | - | - | - | 161 | 1882 | - | 10101 |
| INDUSTRY SECTOR | - | - | 442 | 971 | - | - | - | - | 430 | - | 1843 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 442 | 971 | - | - | - | - | 430 | - | 1843 |
| TRANSPORT SECTOR | - | - | 3305 | - | - | - | - | - | - | - | 3305 |
| Domestic aviation | - | - | 3 | - | - | - | - | - | - | - | 3 |
| Road | - | - | 3301 | - | - | - | - | - | - | - | 3301 |
| Other/non-specified | - | - | 1 | - | - | - | - | - | - | - | 1 |
| OTHER SECTORS | - | - | 922 | - | - | - | - | 161 | 1452 | - | 2534 |
| Residential | - | - | 922 | - | - | - | - | 161 | 609 | - | 1692 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 439 | - | 439 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 232 | - | 232 |
| Other/non-specified | - | - | - | - | - | - | - | - | 171 | - | 171 |
| NON-ENERGY USE | - | - | 1132 | 1287 | - | - | - | - | - | - | 2419 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 14151 | 11543 | - | - | - | - | - | - | 25694 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Lithuania / Lituanie

Figure 1. Energy production

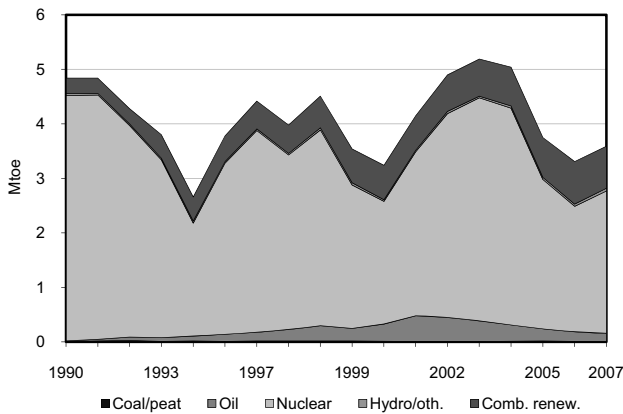


Figure 2. Total primary energy supply*

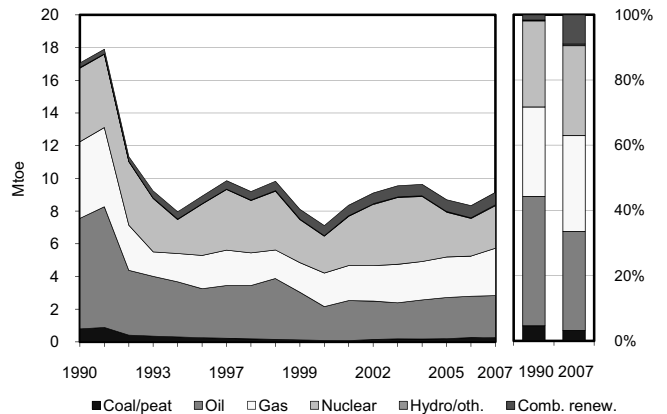


Figure 3. Energy self-sufficiency**

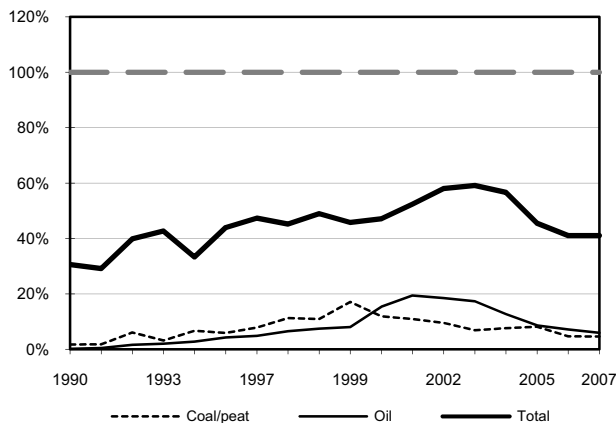


Figure 4. Oil products demand***

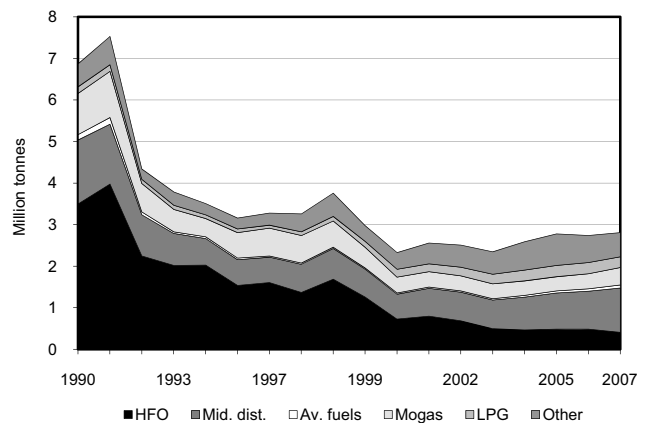


Figure 5. Electricity generation by fuel

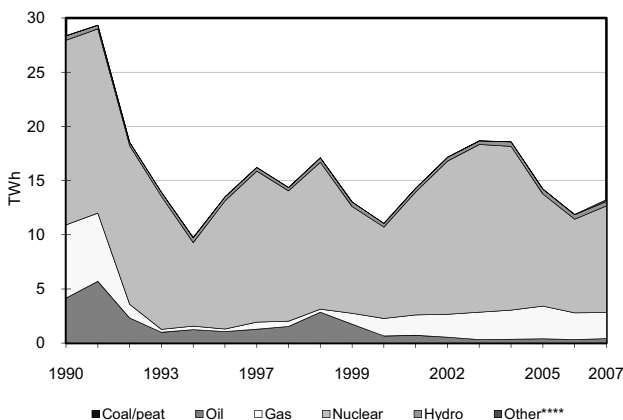
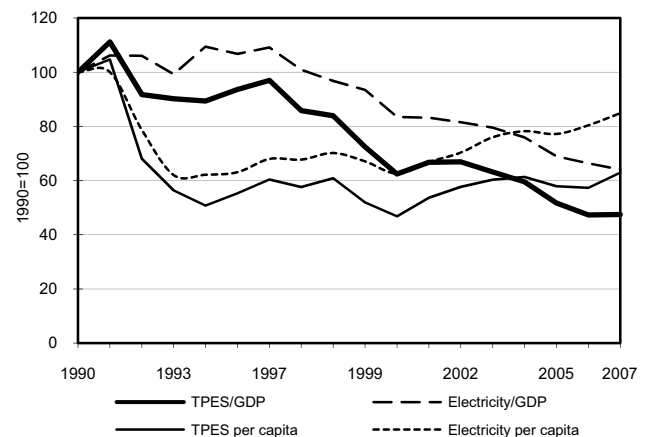


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international marine bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Lithuania / Lituanie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|-------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 13 | 182 | - | - | 2302 | 34 | 3 | 776 | - | 174 | 3483 |
| Imports | 262 | 8587 | 520 | 2479 | - | - | - | 31 | 500 | - | 12380 |
| Exports | -3 | -116 | -6336 | - | - | - | - | -43 | -537 | - | -7034 |
| Intl. marine bunkers | - | - | -137 | - | - | - | - | - | - | - | -137 |
| Intl. aviation bunkers | - | - | -52 | - | - | - | - | - | - | - | -52 |
| Stock changes | - | -280 | 156 | -26 | - | - | - | -14 | - | - | -164 |
| TPES | 272 | 8374 | -5849 | 2453 | 2302 | 34 | 3 | 750 | -37 | 174 | 8476 |
| Transfers | - | -1 | - | - | - | - | - | - | - | - | - |
| Statistical differences | - | - | - | - | - | - | - | 6 | - | - | 6 |
| Electricity plants | - | - | - | - | - | -34 | -1 | - | 52 | -46 | -29 |
| CHP plants | - | -28 | -124 | -977 | -2302 | - | - | -20 | 986 | 643 | -1823 |
| Heat plants | -9 | - | -50 | -296 | - | - | -2 | -155 | -1 | 432 | -81 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -8352 | 8399 | - | - | - | - | - | - | - | 47 |
| Coal transformation | 1 | - | - | - | - | - | - | - | - | - | 1 |
| Liquefaction plants | - | 7 | - | -9 | - | - | - | - | - | - | -2 |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | - | - | -536 | -2 | - | - | - | - | -183 | -88 | -810 |
| Distribution losses | -1 | - | -5 | -2 | - | - | - | - | -93 | -170 | -271 |
| TFC | 262 | - | 1835 | 1167 | - | - | - | 579 | 725 | 944 | 5512 |
| INDUSTRY SECTOR | 135 | - | 83 | 312 | - | - | - | 92 | 252 | 182 | 1055 |
| Iron and steel | 1 | - | - | 1 | - | - | - | - | 2 | - | 5 |
| Chemical and petrochemical | - | - | 1 | 82 | - | - | - | - | 58 | 126 | 266 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 128 | - | 30 | 40 | - | - | - | 11 | 23 | 1 | 234 |
| Transport equipment | - | - | - | 5 | - | - | - | - | 5 | - | 10 |
| Machinery | - | - | 1 | 13 | - | - | - | 8 | 20 | 4 | 46 |
| Mining and quarrying | - | - | 4 | 1 | - | - | - | - | 3 | - | 8 |
| Food and tobacco | 3 | - | 18 | 92 | - | - | - | 3 | 44 | 17 | 178 |
| Paper pulp and printing | - | - | - | 1 | - | - | - | - | 8 | 15 | 24 |
| Wood and wood products | - | - | 4 | 30 | - | - | - | 48 | 25 | 5 | 111 |
| Construction | 1 | - | 20 | 15 | - | - | - | 6 | 11 | 2 | 54 |
| Textile and leather | 1 | - | 2 | 31 | - | - | - | 2 | 23 | 8 | 67 |
| Non-specified | 1 | - | 3 | 2 | - | - | - | 14 | 30 | 2 | 52 |
| TRANSPORT SECTOR | - | - | 1436 | 26 | - | - | - | 19 | 8 | - | 1489 |
| Domestic aviation | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Road | - | - | 1357 | - | - | - | - | 19 | - | - | 1375 |
| Rail | - | - | 71 | - | - | - | - | - | 1 | - | 72 |
| Pipeline transport | - | - | - | 26 | - | - | - | - | 3 | - | 29 |
| Domestic navigation | - | - | 6 | - | - | - | - | - | - | - | 6 |
| Non-specified | - | - | 1 | - | - | - | - | - | 4 | - | 5 |
| OTHER SECTORS | 127 | - | 107 | 232 | - | - | - | 469 | 465 | 762 | 2162 |
| Residential | 51 | - | 55 | 140 | - | - | - | 431 | 202 | 549 | 1427 |
| Comm. and publ. services | 75 | - | 6 | 54 | - | - | - | 31 | 246 | 204 | 617 |
| Agriculture/forestry | 1 | - | 39 | 38 | - | - | - | 7 | 17 | 10 | 110 |
| Fishing | - | - | 3 | - | - | - | - | - | - | - | 3 |
| Non-specified | - | - | 4 | - | - | - | - | - | - | - | 4 |
| NON-ENERGY USE | - | - | 209 | 598 | - | - | - | - | - | - | 807 |
| in industry/transf./energy | - | - | 184 | 598 | - | - | - | - | - | - | 782 |
| <i>of which: feedstocks</i> | - | - | 60 | 598 | - | - | - | - | - | - | 658 |
| in transport | - | - | 25 | - | - | - | - | - | - | - | 25 |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|------------|------------|-------------|--------------|-------------|------------|-----------|-------------|-----------|-------------|--------------|
| Electr. generated - GWh | 1 | 126 | 203 | 2464 | 8651 | 397 | 14 | 24 | - | 197 | 12077 |
| <i>Electricity plants</i> | - | - | - | - | - | 397 | 14 | - | - | - | 411 |
| <i>CHP plants</i> | 1 | 126 | 203 | 2464 | 8651 | - | - | 24 | - | 197 | 11666 |
| Heat generated - TJ | 319 | 12 | 4223 | 32802 | 1993 | - | 35 | 5588 | 35 | 7271 | 52278 |
| <i>CHP plants</i> | 13 | 12 | 2607 | 21762 | 1993 | - | - | 525 | - | 4799 | 31711 |
| <i>Heat plants</i> | 306 | - | 1616 | 11040 | - | - | 35 | 5063 | 35 | 2472 | 20567 |

Lithuania / Lituanie

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|-------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 12 | 155 | - | - | 2609 | 36 | 11 | 766 | - | 211 | 3799 |
| Imports | 237 | 5854 | 708 | 2975 | - | - | - | 53 | 503 | - | 10330 |
| Exports | -5 | -156 | -3766 | - | - | - | - | -53 | -621 | - | -4600 |
| Intl. marine bunkers | - | - | -117 | - | - | - | - | - | - | - | -117 |
| Intl. aviation bunkers | - | - | -72 | - | - | - | - | - | - | - | -72 |
| Stock changes | 18 | 29 | -51 | -84 | - | - | - | -2 | - | - | -89 |
| TPES | 262 | 5882 | -3298 | 2891 | 2609 | 36 | 11 | 764 | -118 | 211 | 9250 |
| Transfers | - | - | -2 | - | - | - | - | - | - | - | -2 |
| Statistical differences | - | - | 33 | - | - | - | - | - | - | - | 33 |
| Electricity plants | - | - | - | - | - | -36 | -9 | - | 65 | -62 | -42 |
| CHP plants | -6 | -35 | -16 | -894 | -2609 | - | - | -39 | 1093 | 530 | -1977 |
| Heat plants | -10 | - | -42 | -301 | - | - | -2 | -143 | -1 | 433 | -64 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -5847 | 5872 | - | - | - | - | - | - | - | 25 |
| Coal transformation | 1 | - | - | - | - | - | - | - | - | - | 1 |
| Liquefaction plants | - | 1 | - | -1 | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | - | - | -518 | -2 | - | - | - | - | -182 | -34 | -737 |
| Distribution losses | - | - | -4 | -1 | - | - | - | - | -95 | -158 | -259 |
| TFC | 247 | - | 2025 | 1692 | - | - | - | 582 | 762 | 920 | 6227 |
| INDUSTRY SECTOR | 140 | - | 73 | 297 | - | - | - | 90 | 265 | 199 | 1064 |
| Iron and steel | 1 | - | - | 1 | - | - | - | - | 3 | - | 6 |
| Chemical and petrochemical | - | - | 1 | 58 | - | - | - | - | 67 | 151 | 277 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 133 | - | 21 | 42 | - | - | - | 12 | 24 | 1 | 234 |
| Transport equipment | - | - | - | 5 | - | - | - | - | 4 | - | 10 |
| Machinery | 1 | - | - | 6 | - | - | - | 4 | 15 | 2 | 28 |
| Mining and quarrying | - | - | 2 | 1 | - | - | - | - | 4 | - | 7 |
| Food and tobacco | 3 | - | 17 | 101 | - | - | - | 2 | 49 | 18 | 189 |
| Paper pulp and printing | - | - | - | 2 | - | - | - | - | 9 | 15 | 26 |
| Wood and wood products | - | - | 6 | 37 | - | - | - | 52 | 26 | 3 | 124 |
| Construction | 1 | - | 20 | 15 | - | - | - | 5 | 11 | 3 | 55 |
| Textile and leather | 1 | - | 2 | 26 | - | - | - | 1 | 21 | 2 | 53 |
| Non-specified | - | - | 3 | 4 | - | - | - | 13 | 31 | 3 | 55 |
| TRANSPORT SECTOR | - | - | 1664 | 27 | - | - | - | 52 | 6 | - | 1749 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1585 | - | - | - | - | 52 | - | - | 1637 |
| Rail | - | - | 73 | - | - | - | - | - | 1 | - | 74 |
| Pipeline transport | - | - | - | 27 | - | - | - | - | 1 | - | 28 |
| Domestic navigation | - | - | 5 | - | - | - | - | - | - | - | 5 |
| Non-specified | - | - | 1 | - | - | - | - | - | 4 | - | 5 |
| OTHER SECTORS | 108 | - | 87 | 259 | - | - | - | 439 | 491 | 721 | 2105 |
| Residential | 51 | - | 38 | 147 | - | - | - | 401 | 212 | 499 | 1348 |
| Comm. and publ. services | 55 | - | 6 | 72 | - | - | - | 30 | 261 | 214 | 638 |
| Agriculture/forestry | 1 | - | 41 | 40 | - | - | - | 9 | 17 | 9 | 117 |
| Fishing | - | - | 2 | - | - | - | - | - | - | - | 2 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 200 | 1108 | - | - | - | - | - | - | 1309 |
| in industry/transf./energy | - | - | 176 | 1108 | - | - | - | - | - | - | 1284 |
| <i>of which: feedstocks</i> | - | - | 38 | 1108 | - | - | - | - | - | - | 1147 |
| in transport | - | - | 24 | - | - | - | - | - | - | - | 24 |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|------------|------------|-------------|--------------|-------------|------------|------------|-------------|-----------|-------------|--------------|
| Electr. generated - GWh | 12 | 125 | 283 | 2405 | 9833 | 421 | 106 | 54 | - | 231 | 13470 |
| <i>Electricity plants</i> | - | - | - | - | - | 421 | 106 | - | - | - | 527 |
| <i>CHP plants</i> | 12 | 125 | 283 | 2405 | 9833 | - | - | 54 | - | 231 | 12943 |
| Heat generated - TJ | 490 | 109 | 1746 | 30330 | 1927 | - | 33 | 5668 | 23 | 8832 | 49158 |
| <i>CHP plants</i> | 170 | 109 | 264 | 18719 | 1927 | - | - | 987 | - | 5506 | 27682 |
| <i>Heat plants</i> | 320 | - | 1482 | 11611 | - | - | 33 | 4681 | 23 | 3326 | 21476 |

FYR of Macedonia / ex-République yougoslave de Macédoine

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-------------|-------------|--------------------|-----------|----------|------------|----------------------|-------------------------|-------------|------------|-------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | 1296 | - | - | - | - | 142 | 10 | 169 | - | - | 1617 |
| Imports | 136 | 1079 | 246 | 67 | - | - | - | - | 154 | - | 1682 |
| Exports | -1 | - | -357 | - | - | - | - | -1 | - | - | -359 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -4 | - | - | - | - | - | - | - | -4 |
| Stock changes | -17 | 10 | -13 | - | - | - | - | -3 | - | - | -23 |
| TPES | 1414 | 1089 | -128 | 67 | - | 142 | 10 | 166 | 154 | - | 2914 |
| Electricity and CHP plants | -1281 | - | -67 | -1 | - | -142 | - | - | 602 | 11 | -879 |
| Petroleum refineries | - | -1110 | 1033 | - | - | - | - | - | - | - | -76 |
| Other transformation* | 4 | 20 | -129 | -32 | - | - | -1 | -3 | -204 | 108 | -236 |
| TFC | 138 | - | 708 | 34 | - | - | 9 | 163 | 554 | 118 | 1724 |
| INDUSTRY SECTOR | 122 | - | 184 | 33 | - | - | - | 3 | 191 | 57 | 590 |
| Iron and steel | 121 | - | 65 | 32 | - | - | - | 3 | 135 | 11 | 366 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 4 | 4 | 9 |
| Non-metallic minerals | - | - | 101 | - | - | - | - | - | 14 | 5 | 120 |
| Other/non-specified | 1 | - | 18 | 1 | - | - | - | - | 38 | 37 | 95 |
| TRANSPORT SECTOR | - | - | 340 | - | - | - | - | - | 2 | - | 342 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 337 | - | - | - | - | - | - | - | 337 |
| Other/non-specified | - | - | 3 | - | - | - | - | - | 2 | - | 5 |
| OTHER SECTORS | 16 | - | 155 | 1 | - | - | 9 | 160 | 360 | 62 | 763 |
| Residential | 7 | - | 42 | - | - | - | - | 150 | 262 | 42 | 503 |
| Comm. and publ. services | 9 | - | 94 | 1 | - | - | 1 | 8 | 96 | 20 | 229 |
| Agriculture/forestry | - | - | 19 | - | - | - | - | 1 | 2 | - | 31 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 29 | - | - | - | - | - | - | - | 29 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 5108 | - | 250 | 1 | - | 1650 | - | - | - | - | 7009 |
| Heat generated - TJ | 223 | - | 4267 | 1143 | - | - | - | 73 | - | - | 5706 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|-------------------------------------|------------------|--------------|---------------------|-----------|-----------|-----------|------------------------|----------------------|-------------|------------|-------------|
| Production | 1254 | - | - | - | - | 87 | 10 | 150 | - | - | 1501 |
| Imports | 159 | 1082 | 185 | 86 | - | - | - | - | 214 | - | 1727 |
| Exports | -1 | - | -258 | - | - | - | - | -1 | - | - | -260 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -7 | - | - | - | - | - | - | - | -7 |
| Stock changes | 33 | -10 | 46 | - | - | - | - | -6 | - | - | 63 |
| TPES | 1446 | 1072 | -34 | 86 | - | 87 | 10 | 144 | 214 | - | 3024 |
| Electricity and CHP plants | -1273 | - | -127 | -1 | - | -87 | - | - | 578 | 13 | -895 |
| Petroleum refineries | - | -1120 | 1052 | - | - | - | - | - | - | - | -68 |
| Other transformation* | -18 | 48 | -125 | -50 | - | - | -1 | -8 | -213 | 91 | -275 |
| TFC | 156 | - | 766 | 34 | - | - | 9 | 136 | 580 | 105 | 1786 |
| INDUSTRY SECTOR | 151 | - | 194 | 33 | - | - | - | 2 | 211 | 49 | 640 |
| Iron and steel | 150 | - | 75 | 32 | - | - | - | 1 | 153 | 8 | 419 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 4 | 4 | 8 |
| Non-metallic minerals | - | - | 103 | - | - | - | - | - | 14 | 4 | 120 |
| Other/non-specified | 1 | - | 16 | 1 | - | - | - | 1 | 40 | 33 | 93 |
| TRANSPORT SECTOR | - | - | 391 | - | - | - | - | - | 3 | - | 394 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 387 | - | - | - | - | - | - | - | 387 |
| Other/non-specified | - | - | 4 | - | - | - | - | - | 3 | - | 7 |
| OTHER SECTORS | 5 | - | 152 | 1 | - | - | 9 | 134 | 367 | 55 | 723 |
| Residential | 1 | - | 42 | - | - | - | - | 124 | 261 | 39 | 468 |
| Comm. and publ. services | 3 | - | 97 | 1 | - | - | 2 | 9 | 104 | 16 | 231 |
| Agriculture/forestry | 1 | - | 12 | - | - | - | 7 | 1 | 1 | - | 24 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 29 | - | - | - | - | - | - | - | 29 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 5240 | - | 479 | - | - | 1010 | - | - | - | - | 6729 |
| Heat generated - TJ | 243 | - | 3241 | 1800 | - | - | - | 61 | - | - | 5345 |

* Includes transfers, statistical differences, own use and distribution losses.

Malaysia / Malaisie

Figure 1. Energy production

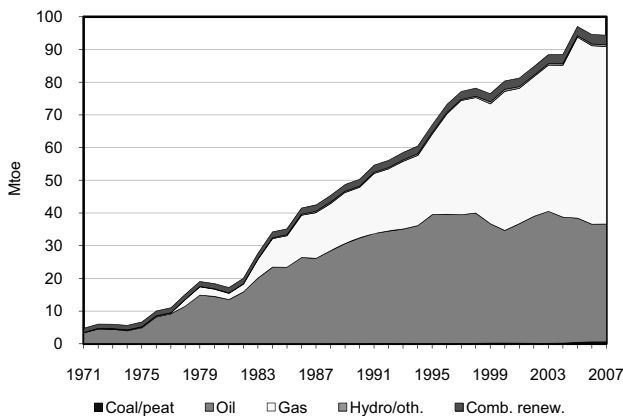


Figure 2. Total primary energy supply*

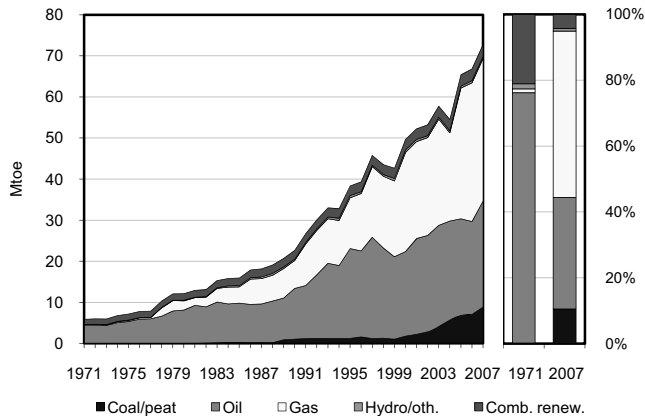


Figure 3. Energy self-sufficiency**

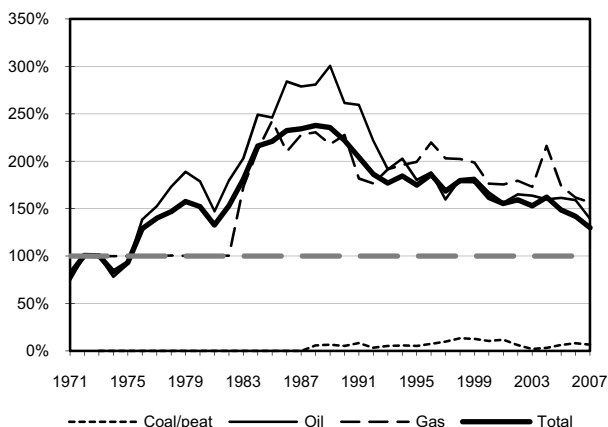


Figure 4. Oil products demand***

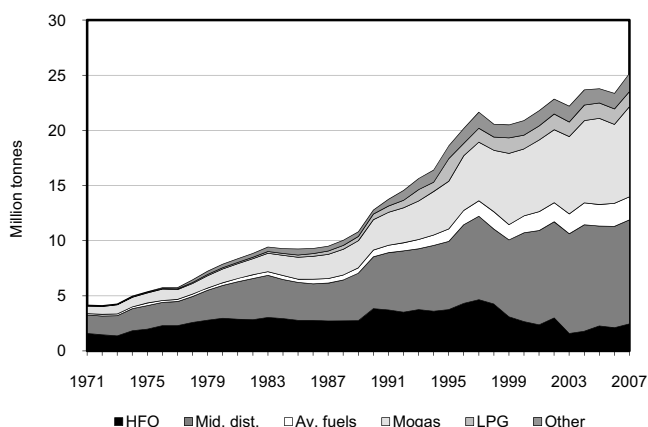


Figure 5. Electricity generation by fuel

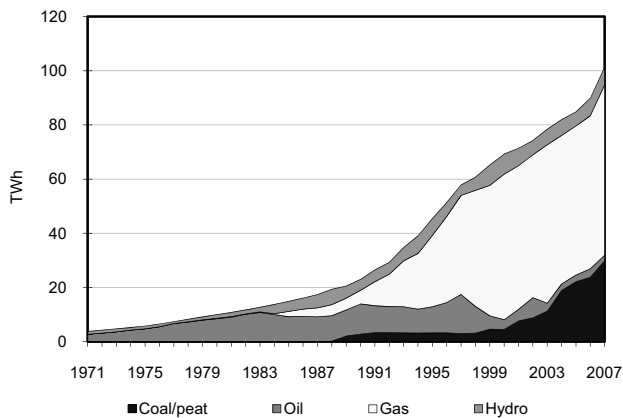
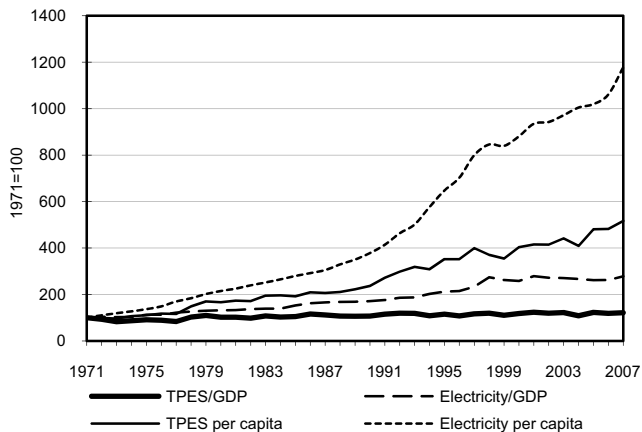


Figure 6. Selected indicators****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** GDP in 2000 US dollars.

Malaysia / Malaisie

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 569 | 36010 | - | 54569 | - | 554 | - | 2858 | - | - | 94561 |
| Imports | 6822 | 8113 | 7733 | 3312 | - | - | - | 4 | - | - | 25985 |
| Exports | -71 | -17262 | -9536 | -24124 | - | - | - | -25 | -200 | - | -51218 |
| Intl. marine bunkers | - | - | -88 | - | - | - | - | - | - | - | -88 |
| Intl. aviation bunkers | - | - | -2154 | - | - | - | - | - | - | - | -2154 |
| Stock changes | -274 | 103 | -275 | - | - | - | - | - | - | - | -445 |
| TPES | 7047 | 26966 | -4319 | 33757 | - | 554 | - | 2837 | -200 | - | 66642 |
| Transfers | - | -1769 | 2090 | - | - | - | - | - | - | - | 321 |
| Statistical differences | 251 | -367 | 638 | -521 | - | - | - | - | -4 | - | -2 |
| Electricity plants | -5963 | - | -821 | -13709 | - | -554 | - | - | 7726 | - | -13321 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -24974 | 23484 | - | - | - | - | - | - | - | -1490 |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | 144 | - | -820 | - | - | - | - | - | - | -676 |
| Other transformation | - | - | - | - | - | - | - | -1142 | - | - | -1142 |
| Own use | - | - | -840 | -8496 | - | - | - | - | -143 | - | -9478 |
| Distribution losses | - | - | -4 | -897 | - | - | - | - | -106 | - | -1007 |
| TFC | 1335 | - | 20228 | 9315 | - | - | - | 1695 | 7273 | - | 39847 |
| INDUSTRY SECTOR | 1335 | - | 5133 | 7057 | - | - | - | 96 | 3476 | - | 17096 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 1335 | - | - | - | - | - | - | - | - | - | 1335 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | - | - | - | - | - | - | - | - | - | - | - |
| Paper pulp and printing | - | - | - | - | - | - | - | - | - | - | - |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 5133 | 7057 | - | - | - | 96 | 3476 | - | 15761 |
| TRANSPORT SECTOR | - | - | 12547 | 120 | - | - | - | - | 5 | - | 12672 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 12547 | - | - | - | - | - | - | - | 12547 |
| Rail | - | - | - | - | - | - | - | - | 5 | - | 5 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | 120 | - | - | - | - | - | - | 120 |
| OTHER SECTORS | - | - | 1847 | 29 | - | - | - | 1600 | 3793 | - | 7268 |
| Residential | - | - | 843 | 5 | - | - | - | 1600 | 1515 | - | 3963 |
| Comm. and publ. services | - | - | 765 | 24 | - | - | - | - | 2277 | - | 3067 |
| Agriculture/forestry | - | - | 239 | - | - | - | - | - | - | - | 239 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 701 | 2109 | - | - | - | - | - | - | 2811 |
| in industry/transf./energy | - | - | 699 | 2109 | - | - | - | - | - | - | 2809 |
| <i>of which: feedstocks</i> | - | - | 27 | 2109 | - | - | - | - | - | - | 2137 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | 2 | - | - | - | - | - | - | - | 2 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 23818 | - | 3133 | 56447 | - | 6443 | 1 | - | - | - | 89842 |
| <i>Electricity plants</i> | 23818 | - | 3133 | 56447 | - | 6443 | 1 | - | - | - | 89842 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Malaysia / Malaisie

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|------------------|--------------|---------------------|--------------|-----------|-------------|------------------------|-------------------------|-------------|----------|---------------|
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | 576 | 36028 | - | 54286 | - | 558 | - | 2905 | - | - | 94354 |
| Imports | 8425 | 9527 | 8453 | 5433 | - | - | - | 4 | - | - | 31843 |
| Exports | -273 | -16962 | -9079 | -25065 | - | - | - | -25 | -195 | - | -51599 |
| Intl. marine bunkers | - | - | -65 | - | - | - | - | - | - | - | -65 |
| Intl. aviation bunkers | - | - | -2155 | - | - | - | - | - | - | - | -2155 |
| Stock changes | 126 | -155 | 240 | - | - | - | - | - | - | - | 211 |
| TPES | 8854 | 28438 | -2605 | 34654 | - | 558 | - | 2885 | -195 | - | 72589 |
| Transfers | - | -2185 | 2478 | - | - | - | - | - | - | - | 294 |
| Statistical differences | -7 | 268 | -1391 | -305 | - | - | - | - | -528 | - | -1963 |
| Electricity plants | -7486 | - | -596 | -13612 | - | -558 | - | - | 8714 | - | -13539 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -26645 | 25308 | - | - | - | - | - | - | - | -1337 |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | 124 | - | -799 | - | - | - | - | - | - | -675 |
| Other transformation | - | - | - | - | - | - | - | -1161 | - | - | -1161 |
| Own use | - | - | -931 | -8697 | - | - | - | - | -162 | - | -9789 |
| Distribution losses | - | - | -2 | -874 | - | - | - | - | -143 | - | -1019 |
| TFC | 1361 | - | 22261 | 10368 | - | - | - | 1724 | 7686 | - | 43400 |
| INDUSTRY SECTOR | 1361 | - | 6089 | 8076 | - | - | - | 97 | 3588 | - | 19211 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 1361 | - | - | - | - | - | - | - | - | - | 1361 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | - | - | - | - | - | - | - | - | - | - | - |
| Paper pulp and printing | - | - | - | - | - | - | - | - | - | - | - |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 6089 | 8076 | - | - | - | 97 | 3588 | - | 17850 |
| TRANSPORT SECTOR | - | - | 13410 | 147 | - | - | - | - | 4 | - | 13561 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 13410 | - | - | - | - | - | - | - | 13410 |
| Rail | - | - | - | - | - | - | - | - | 4 | - | 4 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | 147 | - | - | - | - | - | - | 147 |
| OTHER SECTORS | - | - | 1911 | 34 | - | - | - | 1627 | 4095 | - | 7666 |
| Residential | - | - | 819 | 6 | - | - | - | 1627 | 1598 | - | 4050 |
| Comm. and publ. services | - | - | 843 | 28 | - | - | - | - | 2496 | - | 3367 |
| Agriculture/forestry | - | - | 249 | - | - | - | - | - | - | - | 249 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 851 | 2111 | - | - | - | - | - | - | 2962 |
| in industry/transf./energy | - | - | 724 | 2111 | - | - | - | - | - | - | 2836 |
| <i>of which: feedstocks</i> | - | - | 23 | 2111 | - | - | - | - | - | - | 2134 |
| in transport | - | - | 122 | - | - | - | - | - | - | - | 122 |
| in other sectors | - | - | 5 | - | - | - | - | - | - | - | 5 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 29902 | - | 2074 | 62858 | - | 6490 | 1 | - | - | - | 101325 |
| <i>Electricity plants</i> | 29902 | - | 2074 | 62858 | - | 6490 | 1 | - | - | - | 101325 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Malta / Malte

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-------------|-----------|--------------------|-----|---------|-------|----------------------|-------------------------|-------------|------|------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | - | - | - | - | - | - | 1 | - | - | - | 1 |
| Imports | - | - | 1648 | - | - | - | - | - | - | - | 1648 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -751 | - | - | - | - | - | - | - | -751 |
| Intl. aviation bunkers | - | - | -77 | - | - | - | - | - | - | - | -77 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | - | 820 | - | - | - | 1 | - | - | - | 821 |
| Electricity and CHP plants | - | - | -622 | - | - | - | - | - | 194 | - | -427 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | - | -35 | - | -35 |
| TFC | - | - | 199 | - | - | - | 1 | - | 159 | - | 359 |
| INDUSTRY SECTOR | - | - | - | - | - | - | - | - | 46 | - | 46 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | 46 | - | 46 |
| TRANSPORT SECTOR | - | - | 174 | - | - | - | - | - | - | - | 174 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 174 | - | - | - | - | - | - | - | 174 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 24 | - | - | - | 1 | - | 114 | - | 138 |
| Residential | - | - | 24 | - | - | - | - | - | 57 | - | 81 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 57 | - | 57 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | 1 | - | - | - | 1 |
| NON-ENERGY USE | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 2261 | - | - | - | - | - | - | - | 2261 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|-------------------------------------|------------------|--------------|---------------------|-----|-----------|-------|------------------------|----------------------|-------------|---------|------------|
| Production | - | - | - | - | - | - | 1 | - | - | - | 1 |
| Imports | - | - | 1798 | - | - | - | - | - | - | - | 1798 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -840 | - | - | - | - | - | - | - | -840 |
| Intl. aviation bunkers | - | - | -90 | - | - | - | - | - | - | - | -90 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | - | 867 | - | - | - | 1 | - | - | - | 867 |
| Electricity and CHP plants | - | - | -664 | - | - | - | - | - | 197 | - | -466 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | - | -38 | - | -38 |
| TFC | - | - | 203 | - | - | - | 1 | - | 159 | - | 363 |
| INDUSTRY SECTOR | - | - | - | - | - | - | - | - | 46 | - | 46 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | 46 | - | 46 |
| TRANSPORT SECTOR | - | - | 179 | - | - | - | - | - | - | - | 179 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 179 | - | - | - | - | - | - | - | 179 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 24 | - | - | - | 1 | - | 114 | - | 138 |
| Residential | - | - | 24 | - | - | - | - | - | 57 | - | 81 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 57 | - | 57 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | 1 | - | - | - | 1 |
| NON-ENERGY USE | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 2296 | - | - | - | - | - | - | - | 2296 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Republic of Moldova / République de Moldavie

2006

Thousand tonnes of oil equivalent / Milliers de tonnes d'équivalent pétrole

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|------------------|--------------|---------------------|--------------|-----------|-----------|------------------------|-------------------------|-------------|------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | - | 4 | - | - | - | 7 | - | 77 | - | - | 87 |
| Imports | 78 | - | 641 | 2268 | - | - | - | - | 322 | - | 3309 |
| Exports | - | - | -2 | - | - | - | - | - | -20 | - | -22 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -12 | - | - | - | - | - | - | - | -12 |
| Stock changes | 8 | - | 16 | -8 | - | - | - | -3 | - | - | 13 |
| TPES | 86 | 4 | 642 | 2261 | - | 7 | - | 74 | 302 | - | 3376 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | - | - | -5 | - | - | - | - | - | - | - | -6 |
| Electricity plants | - | -4 | - | -699 | - | -7 | - | - | 234 | - | -475 |
| CHP plants | - | - | -1 | -361 | - | - | - | - | 95 | 212 | -55 |
| Heat plants | -4 | - | -12 | -130 | - | - | - | -5 | - | 143 | -7 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | - | - | - | -392 | - | - | - | - | -57 | -3 | -452 |
| Distribution losses | - | - | -1 | -41 | - | - | - | - | -132 | -65 | -239 |
| TFC | 82 | - | 624 | 637 | - | - | - | 69 | 442 | 288 | 2142 |
| INDUSTRY SECTOR | 3 | - | 12 | 234 | - | - | - | - | 96 | 97 | 442 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 3 | 2 | 5 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | 1 | - | - | - | - | - | 25 | 1 | 27 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | 7 | - | 7 |
| Mining and quarrying | - | - | 2 | - | - | - | - | - | 2 | - | 4 |
| Food and tobacco | 3 | - | 5 | 114 | - | - | - | - | 42 | 80 | 243 |
| Paper pulp and printing | - | - | - | 8 | - | - | - | - | 7 | 9 | 24 |
| Wood and wood products | - | - | - | - | - | - | - | - | 2 | - | 3 |
| Construction | - | - | 4 | 61 | - | - | - | - | 2 | 1 | 67 |
| Textile and leather | - | - | - | 3 | - | - | - | - | 6 | 4 | 14 |
| Non-specified | - | - | - | 48 | - | - | - | - | - | - | 48 |
| TRANSPORT SECTOR | - | - | 265 | 62 | - | - | - | - | 7 | - | 335 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 235 | 10 | - | - | - | - | - | - | 244 |
| Rail | - | - | 28 | - | - | - | - | - | - | - | 28 |
| Pipeline transport | - | - | - | 53 | - | - | - | - | - | - | 53 |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 2 | - | - | - | - | - | 7 | - | 9 |
| OTHER SECTORS | 79 | - | 334 | 341 | - | - | - | 69 | 339 | 190 | 1353 |
| Residential | 41 | - | 265 | 245 | - | - | - | - | 152 | 127 | 830 |
| Comm. and publ. services | 36 | - | 2 | 81 | - | - | - | - | 85 | 51 | 254 |
| Agriculture/forestry | - | - | 57 | 14 | - | - | - | - | 7 | 1 | 79 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 3 | - | 10 | 1 | - | - | - | 69 | 95 | 11 | 189 |
| NON-ENERGY USE | - | - | 12 | - | - | - | - | - | - | - | 12 |
| in industry/transf./energy | - | - | - | - | - | - | - | - | - | - | - |
| of which: feedstocks | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | 4 | - | - | - | - | - | - | - | 4 |
| in other sectors | - | - | 8 | - | - | - | - | - | - | - | 8 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | - | 18 | 1 | 3733 | - | 77 | - | - | - | - | 3829 |
| Electricity plants | - | 18 | - | 2630 | - | 77 | - | - | - | - | 2725 |
| CHP plants | - | - | 1 | 1103 | - | - | - | - | - | - | 1104 |
| Heat generated - TJ | 127 | - | 426 | 14126 | - | - | - | 199 | - | - | 14878 |
| CHP plants | - | - | 27 | 8864 | - | - | - | - | - | - | 8891 |
| Heat plants | 127 | - | 399 | 5262 | - | - | - | 199 | - | - | 5987 |

Republic of Moldova / République de Moldavie

2007

Thousand tonnes of oil equivalent / Milliers de tonnes d'équivalent pétrole

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|------------------|--------------|---------------------|--------------|-----------|-----------|------------------------|-------------------------|-------------|------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | - | 8 | - | - | - | 3 | - | 77 | - | - | 88 |
| Imports | 80 | - | 679 | 2313 | - | - | - | - | 252 | - | 3324 |
| Exports | - | - | -34 | - | - | - | - | - | - | - | -34 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -14 | - | - | - | - | - | - | - | -14 |
| Stock changes | -22 | - | -3 | -2 | - | - | - | - | - | - | -27 |
| TPES | 58 | 8 | 627 | 2311 | - | 3 | - | 77 | 252 | - | 3337 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | - | - | 26 | - | - | - | - | - | - | - | 26 |
| Electricity plants | - | -8 | - | -714 | - | -3 | - | - | 237 | - | -488 |
| CHP plants | - | - | - | -369 | - | - | - | - | 94 | 197 | -78 |
| Heat plants | -2 | - | -7 | -132 | - | - | - | -6 | - | 127 | -20 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | - | - | - | -401 | - | - | - | - | -59 | - | -460 |
| Distribution losses | - | - | - | -42 | - | - | - | - | -167 | -69 | -278 |
| TFC | 56 | - | 647 | 651 | - | - | - | 71 | 357 | 255 | 2038 |
| INDUSTRY SECTOR | 1 | - | 10 | 240 | - | - | - | - | 74 | 73 | 397 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 2 | 1 | 3 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | 1 | - | - | - | - | - | 20 | 1 | 21 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | 3 | - | 3 |
| Mining and quarrying | - | - | 1 | - | - | - | - | - | 2 | - | 3 |
| Food and tobacco | 1 | - | 3 | 116 | - | - | - | - | 22 | 54 | 197 |
| Paper pulp and printing | - | - | - | 9 | - | - | - | - | 5 | 11 | 24 |
| Wood and wood products | - | - | - | - | - | - | - | - | 1 | - | 2 |
| Construction | - | - | 5 | 62 | - | - | - | - | 1 | 1 | 69 |
| Textile and leather | - | - | - | 3 | - | - | - | - | 4 | 4 | 12 |
| Non-specified | - | - | - | 49 | - | - | - | - | 13 | 2 | 63 |
| TRANSPORT SECTOR | - | - | 305 | 64 | - | - | - | - | 6 | - | 374 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 277 | 10 | - | - | - | - | - | - | 287 |
| Rail | - | - | 28 | - | - | - | - | - | - | - | 28 |
| Pipeline transport | - | - | - | 54 | - | - | - | - | 1 | - | 55 |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | 4 | - | 4 |
| OTHER SECTORS | 55 | - | 322 | 348 | - | - | - | 71 | 278 | 182 | 1257 |
| Residential | 24 | - | 258 | 250 | - | - | - | - | 111 | 128 | 771 |
| Comm. and publ. services | 28 | - | 2 | 82 | - | - | - | - | 64 | 46 | 223 |
| Agriculture/forestry | - | - | 50 | 14 | - | - | - | - | 4 | 1 | 69 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 3 | - | 12 | 1 | - | - | - | 71 | 98 | 8 | 194 |
| NON-ENERGY USE | - | - | 9 | - | - | - | - | - | - | - | 9 |
| in industry/transf./energy | - | - | - | - | - | - | - | - | - | - | - |
| of which: feedstocks | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | 5 | - | - | - | - | - | - | - | 5 |
| in other sectors | - | - | 4 | - | - | - | - | - | - | - | 4 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | - | 36 | - | 3777 | - | 33 | - | - | - | - | 3846 |
| Electricity plants | - | 36 | - | 2689 | - | 33 | - | - | - | - | 2758 |
| CHP plants | - | - | - | 1088 | - | - | - | - | - | - | 1088 |
| Heat generated - TJ | 65 | - | 231 | 13122 | - | - | - | 150 | - | - | 13568 |
| CHP plants | - | - | - | 8265 | - | - | - | - | - | - | 8265 |
| Heat plants | 65 | - | 231 | 4857 | - | - | - | 150 | - | - | 5303 |

Mongolia / Mongolie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|-----|---------|-------|----------------------|-------------------------|-------------|------------|-------------|
| Production | 2975 | 52 | - | - | - | - | - | 103 | - | - | 3130 |
| Imports | - | - | 670 | - | - | - | - | - | 14 | - | 684 |
| Exports | -845 | -52 | - | - | - | - | - | - | -2 | - | -899 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -44 | - | - | - | - | - | - | - | -44 |
| Stock changes | 25 | - | - | - | - | - | - | - | - | - | 25 |
| TPES | 2155 | - | 626 | - | - | - | - | 103 | 13 | - | 2897 |
| Electricity and CHP plants | -1581 | - | -40 | - | - | - | - | - | 314 | 785 | -522 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | -55 | - | - | - | - | - | - | -47 | -92 | -57 | -252 |
| TFC | 520 | - | 586 | - | - | - | - | 56 | 234 | 727 | 2123 |
| INDUSTRY SECTOR | 224 | - | 171 | - | - | - | - | - | 140 | 202 | 737 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 224 | - | 171 | - | - | - | - | - | 140 | 202 | 737 |
| TRANSPORT SECTOR | 42 | - | 388 | - | - | - | - | - | 9 | - | 439 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 316 | - | - | - | - | - | - | - | 316 |
| Other/non-specified | 42 | - | 72 | - | - | - | - | - | 9 | - | 123 |
| OTHER SECTORS | 254 | - | 26 | - | - | - | - | 56 | 85 | 525 | 946 |
| Residential | 117 | - | - | - | - | - | - | 40 | 63 | 335 | 556 |
| Comm. and publ. services | 72 | - | - | - | - | - | - | - | - | 157 | 229 |
| Agriculture/forestry | 3 | - | 26 | - | - | - | - | 4 | 2 | 4 | 39 |
| Other/non-specified | 62 | - | - | - | - | - | - | 12 | 20 | 29 | 123 |
| NON-ENERGY USE | - | - | 2 | - | - | - | - | - | - | - | 2 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 3535 | - | 114 | - | - | - | - | - | - | - | 3649 |
| Heat generated - TJ | 32786 | - | 80 | - | - | - | - | - | - | - | 32866 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|-------|------------------------|----------------------|-------------|------------|-------------|
| Production | 3331 | 117 | - | - | - | - | - | 103 | - | - | 3551 |
| Imports | - | - | 824 | - | - | - | - | - | 17 | - | 841 |
| Exports | -1124 | -117 | - | - | - | - | - | - | -1 | - | -1242 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -42 | - | - | - | - | - | - | - | -42 |
| Stock changes | -22 | - | - | - | - | - | - | - | - | - | -22 |
| TPES | 2185 | - | 782 | - | - | - | - | 103 | 16 | - | 3087 |
| Electricity and CHP plants | -1698 | - | -54 | - | - | - | - | - | 329 | 772 | -649 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | -36 | - | - | - | - | - | - | -47 | -91 | -56 | -229 |
| TFC | 451 | - | 729 | - | - | - | - | 56 | 255 | 716 | 2207 |
| INDUSTRY SECTOR | 187 | - | 214 | - | - | - | - | - | 150 | 207 | 758 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 187 | - | 214 | - | - | - | - | - | 150 | 207 | 758 |
| TRANSPORT SECTOR | 42 | - | 480 | - | - | - | - | - | 10 | - | 532 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 390 | - | - | - | - | - | - | - | 390 |
| Other/non-specified | 42 | - | 90 | - | - | - | - | - | 10 | - | 142 |
| OTHER SECTORS | 223 | - | 32 | - | - | - | - | 56 | 94 | 510 | 915 |
| Residential | 129 | - | - | - | - | - | - | 40 | 71 | 337 | 577 |
| Comm. and publ. services | 28 | - | - | - | - | - | - | - | - | 140 | 168 |
| Agriculture/forestry | 1 | - | 32 | - | - | - | - | 4 | 2 | 4 | 43 |
| Other/non-specified | 65 | - | - | - | - | - | - | 12 | 21 | 29 | 127 |
| NON-ENERGY USE | - | - | 3 | - | - | - | - | - | - | - | 3 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 3683 | - | 150 | - | - | - | - | - | - | - | 3833 |
| Heat generated - TJ | 32178 | - | 161 | - | - | - | - | - | - | - | 32339 |

* Includes transfers, statistical differences, own use and distribution losses.

Morocco / Maroc

Figure 1. Energy production

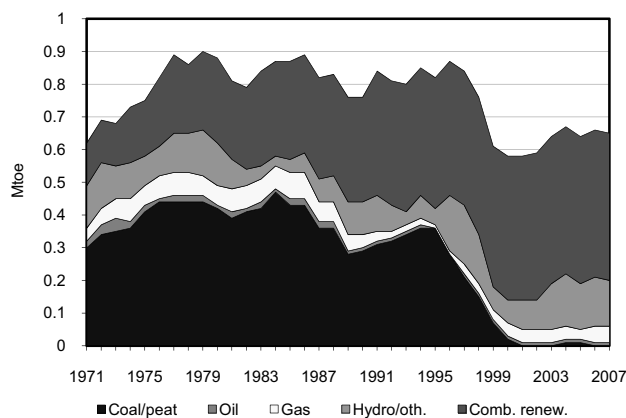


Figure 2. Total primary energy supply*

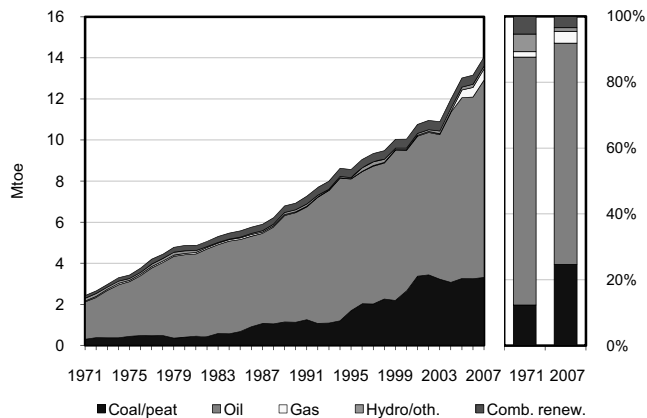


Figure 3. Energy self-sufficiency**

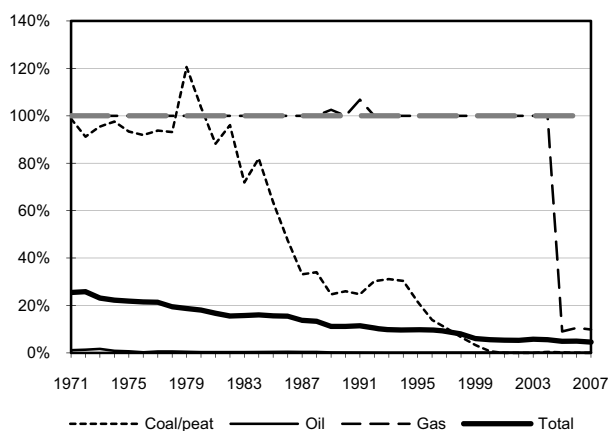


Figure 4. Oil products demand***

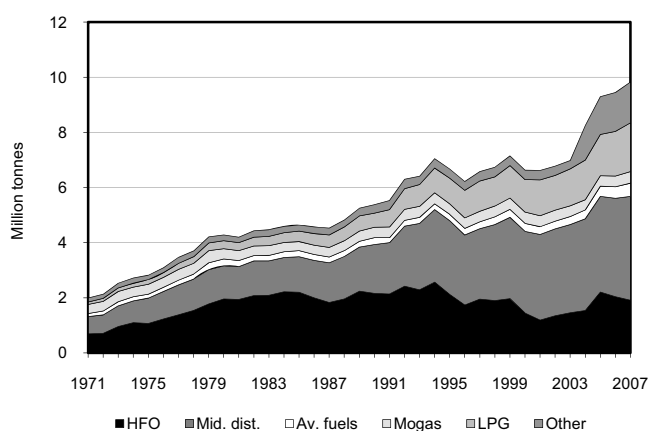


Figure 5. Electricity generation by fuel

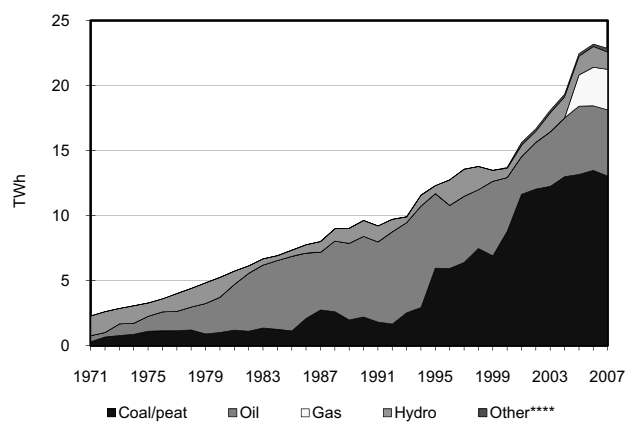
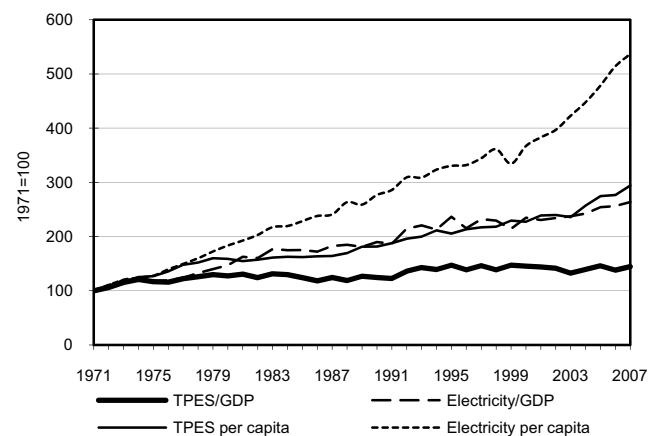


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Morocco / Maroc

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 2 | 9 | - | 50 | - | 138 | 16 | 450 | - | - | 665 |
| Imports | 3235 | 6493 | 3896 | 423 | - | - | - | - | 172 | - | 14218 |
| Exports | - | - | -1140 | - | - | - | - | - | - | - | -1140 |
| Intl. marine bunkers | - | - | -13 | - | - | - | - | - | - | - | -13 |
| Intl. aviation bunkers | - | - | -444 | - | - | - | - | - | - | - | -444 |
| Stock changes | 12 | -144 | 197 | - | - | - | - | - | - | - | 65 |
| TPES | 3249 | 6358 | 2495 | 473 | - | 138 | 16 | 450 | 172 | - | 13351 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | -343 | 1 | 411 | - | - | - | - | - | - | - | 68 |
| Electricity plants | -2884 | - | -1328 | -423 | - | -138 | -16 | - | 1995 | - | -2794 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -6359 | 6151 | - | - | - | - | - | - | - | -208 |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | - | - | -137 | - | - | - | - | - | -140 | - | -277 |
| Distribution losses | - | - | - | - | - | - | - | - | -370 | - | -370 |
| TFC | 22 | - | 7592 | 50 | - | - | - | 450 | 1656 | - | 9771 |
| INDUSTRY SECTOR | 22 | - | 1568 | 50 | - | - | - | 68 | 689 | - | 2397 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 85 | - | 85 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | 653 | - | - | - | - | - | 212 | - | 865 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | 102 | - | 102 |
| Mining and quarrying | - | - | 279 | 33 | - | - | - | - | 134 | - | 446 |
| Food and tobacco | 22 | - | - | - | - | - | - | - | 63 | - | 85 |
| Paper pulp and printing | - | - | - | - | - | - | - | - | 12 | - | 12 |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | 23 | - | 23 |
| Textile and leather | - | - | - | - | - | - | - | - | 33 | - | 33 |
| Non-specified | - | - | 636 | 18 | - | - | - | 68 | 26 | - | 748 |
| TRANSPORT SECTOR | - | - | 3044 | - | - | - | - | - | 28 | - | 3071 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 3044 | - | - | - | - | - | - | - | 3044 |
| Rail | - | - | - | - | - | - | - | - | 28 | - | 28 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 2684 | - | - | - | - | 382 | 940 | - | 4006 |
| Residential | - | - | 1313 | - | - | - | - | 382 | 527 | - | 2223 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 241 | - | 241 |
| Agriculture/forestry | - | - | 1334 | - | - | - | - | - | 172 | - | 1506 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 36 | - | - | - | - | - | - | - | 36 |
| NON-ENERGY USE | - | - | 296 | - | - | - | - | - | - | - | 296 |
| in industry/transf./energy | - | - | 296 | - | - | - | - | - | - | - | 296 |
| of which: feedstocks | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|--------------|----------|-------------|-------------|----------|-------------|------------|----------|----------|----------|--------------|
| Electr. generated - GWh | 13478 | - | 4973 | 2957 | - | 1601 | 183 | - | - | - | 23192 |
| Electricity plants | 13478 | - | 4973 | 2957 | - | 1601 | 183 | - | - | - | 23192 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |

Morocco / Maroc

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | - | 12 | - | 54 | - | 114 | 24 | 450 | - | - | 654 |
| Imports | 3313 | 6357 | 4877 | 490 | - | - | - | - | 297 | - | 15333 |
| Exports | - | - | -1253 | - | - | - | - | - | - | - | -1253 |
| Intl. marine bunkers | - | - | -13 | - | - | - | - | - | - | - | -13 |
| Intl. aviation bunkers | - | - | -516 | - | - | - | - | - | - | - | -516 |
| Stock changes | - | 105 | 51 | - | - | - | - | - | - | - | 156 |
| TPES | 3313 | 6474 | 3145 | 543 | - | 114 | 24 | 450 | 297 | - | 14361 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | -351 | 52 | 24 | - | - | - | - | - | - | - | -275 |
| Electricity plants | -2785 | - | -1329 | -490 | - | -114 | -24 | - | 1966 | - | -2776 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -6526 | 6240 | - | - | - | - | - | - | - | -286 |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | - | - | -139 | - | - | - | - | - | -132 | - | -271 |
| Distribution losses | - | - | - | - | - | - | - | - | -364 | - | -364 |
| TFC | 176 | - | 7941 | 54 | - | - | - | 450 | 1766 | - | 10388 |
| INDUSTRY SECTOR | 157 | - | 1475 | 54 | - | - | - | 68 | 726 | - | 2479 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 81 | - | 81 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | 699 | - | - | - | - | - | 227 | - | 926 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | 126 | - | 126 |
| Mining and quarrying | 13 | - | 251 | 35 | - | - | - | - | 137 | - | 436 |
| Food and tobacco | 22 | - | - | - | - | - | - | - | 66 | - | 89 |
| Paper pulp and printing | - | - | - | - | - | - | - | - | 13 | - | 13 |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | 25 | - | 25 |
| Textile and leather | - | - | - | - | - | - | - | - | 32 | - | 32 |
| Non-specified | 122 | - | 526 | 19 | - | - | - | 68 | 19 | - | 753 |
| TRANSPORT SECTOR | - | - | 3233 | - | - | - | - | - | 29 | - | 3262 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 3233 | - | - | - | - | - | - | - | 3233 |
| Rail | - | - | - | - | - | - | - | - | 29 | - | 29 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 19 | - | 2899 | - | - | - | - | 382 | 1011 | - | 4311 |
| Residential | 19 | - | 1428 | - | - | - | - | 382 | 563 | - | 2393 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 255 | - | 255 |
| Agriculture/forestry | - | - | 1430 | - | - | - | - | - | 193 | - | 1623 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 41 | - | - | - | - | - | - | - | 41 |
| NON-ENERGY USE | - | - | 335 | - | - | - | - | - | - | - | 335 |
| in industry/transf./energy | - | - | 335 | - | - | - | - | - | - | - | 335 |
| of which: feedstocks | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|--------------|----------|-------------|-------------|----------|-------------|------------|----------|----------|----------|--------------|
| Electr. generated - GWh | 13044 | - | 5096 | 3108 | - | 1331 | 279 | - | - | - | 22858 |
| Electricity plants | 13044 | - | 5096 | 3108 | - | 1331 | 279 | - | - | - | 22858 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |

Mozambique

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|-----------|---------|-------------|----------------------|-------------------------|-------------|------|-------------|
| Production | 24 | - | - | 2221 | - | 1266 | - | 7186 | - | - | 10698 |
| Imports | - | - | 590 | - | - | - | - | - | 846 | - | 1436 |
| Exports | -13 | - | - | -2193 | - | - | - | - | -1103 | - | -3309 |
| Intl. marine bunkers | - | - | -3 | - | - | - | - | - | - | - | -3 |
| Intl. aviation bunkers | - | - | -58 | - | - | - | - | - | - | - | -58 |
| Stock changes | -12 | - | -6 | - | - | - | - | - | - | - | -18 |
| TPES | - | - | 523 | 28 | - | 1266 | - | 7186 | -257 | - | 8746 |
| Electricity and CHP plants | - | - | -3 | -2 | - | -1266 | - | - | 1267 | - | -4 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | -2 | - | - | - | - | -1669 | -200 | - | -1871 |
| TFC | - | - | 518 | 26 | - | - | - | 5517 | 810 | - | 6871 |
| INDUSTRY SECTOR | - | - | 77 | 25 | - | - | - | 583 | 736 | - | 1421 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 77 | 25 | - | - | - | 583 | 736 | - | 1421 |
| TRANSPORT SECTOR | - | - | 370 | - | - | - | - | - | - | - | 370 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 337 | - | - | - | - | - | - | - | 337 |
| Other/non-specified | - | - | 33 | - | - | - | - | - | - | - | 33 |
| OTHER SECTORS | - | - | 62 | - | - | - | - | 4934 | 74 | - | 5071 |
| Residential | - | - | 43 | - | - | - | - | 4934 | 50 | - | 5027 |
| Comm. and publ. services | - | - | 13 | - | - | - | - | - | 25 | - | 38 |
| Agriculture/forestry | - | - | 5 | - | - | - | - | - | - | - | 5 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 9 | - | - | - | - | - | - | - | 9 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 12 | 8 | - | 14717 | - | - | - | - | 14737 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----------|-----------|-------------|------------------------|----------------------|-------------|---------|-------------|
| Production | 14 | - | - | 2246 | - | 1381 | - | 7343 | - | - | 10985 |
| Imports | - | - | 735 | - | - | - | - | - | 712 | - | 1447 |
| Exports | -13 | - | - | -2159 | - | - | - | - | -1017 | - | -3189 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -67 | - | - | - | - | - | - | - | -67 |
| Stock changes | 4 | - | -31 | - | - | - | - | - | - | - | -27 |
| TPES | 5 | - | 637 | 87 | - | 1381 | - | 7343 | -305 | - | 9150 |
| Electricity and CHP plants | - | - | -1 | -2 | - | -1381 | - | - | 1383 | - | -2 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | -12 | -57 | - | - | - | -1706 | -284 | - | -2059 |
| TFC | 5 | - | 625 | 27 | - | - | - | 5638 | 793 | - | 7088 |
| INDUSTRY SECTOR | 5 | - | 91 | 27 | - | - | - | 586 | 666 | - | 1376 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 5 | - | 91 | 27 | - | - | - | 586 | 666 | - | 1376 |
| TRANSPORT SECTOR | - | - | 458 | - | - | - | - | - | - | - | 458 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 417 | - | - | - | - | - | - | - | 417 |
| Other/non-specified | - | - | 41 | - | - | - | - | - | - | - | 41 |
| OTHER SECTORS | - | - | 67 | - | - | - | - | 5051 | 127 | - | 5246 |
| Residential | - | - | 44 | - | - | - | - | 5051 | 50 | - | 5145 |
| Comm. and publ. services | - | - | 17 | - | - | - | - | - | 78 | - | 94 |
| Agriculture/forestry | - | - | 6 | - | - | - | - | - | - | - | 6 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 9 | - | - | - | - | - | - | - | 9 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 3 | 10 | - | 16063 | - | - | - | - | 16076 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Myanmar

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|------------|--------------------|-------------|----------|------------|----------------------|-------------------------|-------------|----------|--------------|
| Production | 740 | 1068 | - | 10633 | - | 286 | - | 10294 | - | - | 23020 |
| Imports | - | - | 922 | - | - | - | - | - | - | - | 922 |
| Exports | -613 | -112 | - | -7578 | - | - | - | - | - | - | -8303 |
| Intl. marine bunkers | - | - | -3 | - | - | - | - | - | - | - | -3 |
| Intl. aviation bunkers | - | - | -80 | - | - | - | - | - | - | - | -80 |
| Stock changes | - | -87 | 30 | - | - | - | - | - | - | - | -57 |
| TPES | 127 | 869 | 869 | 3055 | - | 286 | - | 10294 | - | - | 15500 |
| Electricity and CHP plants | - | - | -88 | -795 | - | -286 | - | - | 530 | - | -639 |
| Petroleum refineries | - | -860 | 827 | - | - | - | - | - | - | - | -33 |
| Other transformation* | - | -9 | -7 | -459 | - | - | - | -380 | -151 | - | -1006 |
| TFC | 127 | - | 1601 | 1800 | - | - | - | 9914 | 379 | - | 13821 |
| INDUSTRY SECTOR | 103 | - | 157 | 636 | - | - | - | 307 | 159 | - | 1362 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 103 | - | 157 | 636 | - | - | - | 307 | 159 | - | 1362 |
| TRANSPORT SECTOR | - | - | 1231 | 4 | - | - | - | - | - | - | 1235 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1201 | - | - | - | - | - | - | - | 1201 |
| Other/non-specified | - | - | 30 | 4 | - | - | - | - | - | - | 34 |
| OTHER SECTORS | 24 | - | 203 | 936 | - | - | - | 9607 | 220 | - | 10991 |
| Residential | - | - | 142 | - | - | - | - | 9607 | 146 | - | 9896 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 74 | - | 74 |
| Agriculture/forestry | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Other/non-specified | 24 | - | 60 | 936 | - | - | - | - | - | - | 1020 |
| NON-ENERGY USE | - | - | 10 | 225 | - | - | - | - | - | - | 234 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 276 | 2564 | - | 3324 | - | - | - | - | 6164 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-------------|-----------|------------|------------------------|----------------------|-------------|----------|--------------|
| Production | 780 | 1066 | - | 11409 | - | 302 | - | 10380 | - | - | 23937 |
| Imports | - | - | 996 | - | - | - | - | - | - | - | 996 |
| Exports | -648 | -151 | - | -8346 | - | - | - | - | - | - | -9145 |
| Intl. marine bunkers | - | - | -3 | - | - | - | - | - | - | - | -3 |
| Intl. aviation bunkers | - | - | -67 | - | - | - | - | - | - | - | -67 |
| Stock changes | - | -32 | -36 | - | - | - | - | - | - | - | -68 |
| TPES | 133 | 882 | 890 | 3063 | - | 302 | - | 10380 | - | - | 15649 |
| Electricity and CHP plants | - | - | -93 | -839 | - | -302 | - | - | 559 | - | -674 |
| Petroleum refineries | - | -872 | 843 | - | - | - | - | - | - | - | -28 |
| Other transformation* | - | -10 | 38 | -468 | - | - | - | -383 | -169 | - | -992 |
| TFC | 133 | - | 1679 | 1756 | - | - | - | 9997 | 390 | - | 13953 |
| INDUSTRY SECTOR | 108 | - | 166 | 638 | - | - | - | 309 | 168 | - | 1389 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 108 | - | 166 | 638 | - | - | - | 309 | 168 | - | 1389 |
| TRANSPORT SECTOR | - | - | 1299 | 4 | - | - | - | - | - | - | 1303 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1267 | - | - | - | - | - | - | - | 1267 |
| Other/non-specified | - | - | 32 | 4 | - | - | - | - | - | - | 36 |
| OTHER SECTORS | 24 | - | 204 | 889 | - | - | - | 9687 | 222 | - | 11027 |
| Residential | - | - | 143 | - | - | - | - | 9687 | 148 | - | 9978 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 74 | - | 74 |
| Agriculture/forestry | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Other/non-specified | 24 | - | 60 | 889 | - | - | - | - | - | - | 974 |
| NON-ENERGY USE | - | - | 10 | 225 | - | - | - | - | - | - | 235 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 291 | 2704 | - | 3506 | - | - | - | - | 6501 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Namibia / Namibie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|----------|----------|------------|----------------------|-------------------------|-------------|----------|-------------|
| Production | - | - | - | - | - | 119 | - | 189 | - | - | 308 |
| Imports | 35 | - | 963 | - | - | - | - | - | 168 | - | 1165 |
| Exports | - | - | - | - | - | - | - | - | -3 | - | -3 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 35 | - | 963 | - | - | 119 | - | 189 | 164 | - | 1470 |
| Electricity and CHP plants | -35 | - | -2 | - | - | -119 | - | - | 128 | - | -28 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | - | -21 | - | -21 |
| TFC | - | - | 961 | - | - | - | - | 189 | 272 | - | 1422 |
| INDUSTRY SECTOR | - | - | 79 | - | - | - | - | - | 59 | - | 138 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 79 | - | - | - | - | - | 59 | - | 138 |
| TRANSPORT SECTOR | - | - | 609 | - | - | - | - | - | - | - | 609 |
| Domestic aviation | - | - | 37 | - | - | - | - | - | - | - | 37 |
| Road | - | - | 547 | - | - | - | - | - | - | - | 547 |
| Other/non-specified | - | - | 25 | - | - | - | - | - | - | - | 25 |
| OTHER SECTORS | - | - | 267 | - | - | - | - | 189 | 213 | - | 669 |
| Residential | - | - | - | - | - | - | - | 189 | - | - | 189 |
| Comm. and publ. services | - | - | 3 | - | - | - | - | - | - | - | 3 |
| Agriculture/forestry | - | - | 194 | - | - | - | - | - | - | - | 194 |
| Other/non-specified | - | - | 70 | - | - | - | - | - | 213 | - | 283 |
| NON-ENERGY USE | - | - | 6 | - | - | - | - | - | - | - | 6 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 97 | - | 9 | - | - | 1385 | - | - | - | - | 1491 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|----------|-----------|------------|------------------------|----------------------|-------------|----------|-------------|
| Production | - | - | - | - | - | 135 | - | 191 | - | - | 326 |
| Imports | 42 | - | 1016 | - | - | - | - | - | 176 | - | 1233 |
| Exports | - | - | - | - | - | - | - | - | -3 | - | -3 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 42 | - | 1016 | - | - | 135 | - | 191 | 172 | - | 1556 |
| Electricity and CHP plants | -42 | - | -2 | - | - | -135 | - | - | 146 | - | -33 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | - | -41 | - | -41 |
| TFC | - | - | 1014 | - | - | - | - | 191 | 277 | - | 1482 |
| INDUSTRY SECTOR | - | - | 84 | - | - | - | - | - | 54 | - | 138 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 84 | - | - | - | - | - | 54 | - | 138 |
| TRANSPORT SECTOR | - | - | 644 | - | - | - | - | - | - | - | 644 |
| Domestic aviation | - | - | 39 | - | - | - | - | - | - | - | 39 |
| Road | - | - | 579 | - | - | - | - | - | - | - | 579 |
| Other/non-specified | - | - | 26 | - | - | - | - | - | - | - | 26 |
| OTHER SECTORS | - | - | 280 | - | - | - | - | 191 | 223 | - | 694 |
| Residential | - | - | - | - | - | - | - | 191 | - | - | 191 |
| Comm. and publ. services | - | - | 3 | - | - | - | - | - | - | - | 3 |
| Agriculture/forestry | - | - | 206 | - | - | - | - | - | - | - | 206 |
| Other/non-specified | - | - | 71 | - | - | - | - | - | 223 | - | 294 |
| NON-ENERGY USE | - | - | 6 | - | - | - | - | - | - | - | 6 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 121 | - | 9 | - | - | 1564 | - | - | - | - | 1694 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Nepal / Népal

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|----------|----------|------------|----------------------|-------------------------|-------------|----------|-------------|
| Production | 5 | - | - | - | - | 233 | - | 8111 | - | - | 8349 |
| Imports | 250 | - | 811 | - | - | - | - | - | 18 | - | 1079 |
| Exports | - | - | - | - | - | - | - | - | -12 | - | -12 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -67 | - | - | - | - | - | - | - | -67 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 255 | - | 744 | - | - | 233 | - | 8111 | 6 | - | 9349 |
| Electricity and CHP plants | - | - | -3 | - | - | -233 | - | - | 234 | - | -2 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | -2 | - | - | - | - | -13 | -62 | - | -77 |
| TFC | 255 | - | 739 | - | - | - | - | 8097 | 177 | - | 9269 |
| INDUSTRY SECTOR | 254 | - | 38 | - | - | - | - | 59 | 73 | - | 424 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 254 | - | 38 | - | - | - | - | 59 | 73 | - | 424 |
| TRANSPORT SECTOR | - | - | 284 | - | - | - | - | - | 1 | - | 285 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 284 | - | - | - | - | - | - | - | 284 |
| Other/non-specified | - | - | - | - | - | - | - | - | 1 | - | 1 |
| OTHER SECTORS | 1 | - | 416 | - | - | - | - | 8038 | 104 | - | 8560 |
| Residential | 1 | - | 262 | - | - | - | - | 7978 | 72 | - | 8314 |
| Comm. and publ. services | - | - | 85 | - | - | - | - | 59 | 10 | - | 154 |
| Agriculture/forestry | - | - | 69 | - | - | - | - | - | 6 | - | 75 |
| Other/non-specified | - | - | - | - | - | - | - | 1 | 16 | - | 17 |
| NON-ENERGY USE | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 10 | - | - | 2709 | - | - | - | - | 2719 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|----------|-----------|------------|------------------------|----------------------|-------------|----------|-------------|
| Production | 5 | - | - | - | - | 240 | - | 8281 | - | - | 8527 |
| Imports | 258 | - | 832 | - | - | - | - | - | 18 | - | 1108 |
| Exports | - | - | - | - | - | - | - | - | -12 | - | -12 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -69 | - | - | - | - | - | - | - | -69 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 263 | - | 763 | - | - | 240 | - | 8281 | 6 | - | 9554 |
| Electricity and CHP plants | - | - | -3 | - | - | -240 | - | - | 241 | - | -2 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | -2 | - | - | - | - | -14 | -66 | - | -82 |
| TFC | 263 | - | 758 | - | - | - | - | 8267 | 182 | - | 9470 |
| INDUSTRY SECTOR | 262 | - | 39 | - | - | - | - | 60 | 75 | - | 437 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 262 | - | 39 | - | - | - | - | 60 | 75 | - | 437 |
| TRANSPORT SECTOR | - | - | 293 | - | - | - | - | - | 1 | - | 294 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 293 | - | - | - | - | - | - | - | 293 |
| Other/non-specified | - | - | - | - | - | - | - | - | 1 | - | 1 |
| OTHER SECTORS | 1 | - | 425 | - | - | - | - | 8207 | 106 | - | 8740 |
| Residential | 1 | - | 268 | - | - | - | - | 8146 | 74 | - | 8489 |
| Comm. and publ. services | - | - | 87 | - | - | - | - | 60 | 10 | - | 158 |
| Agriculture/forestry | - | - | 70 | - | - | - | - | - | 6 | - | 76 |
| Other/non-specified | - | - | - | - | - | - | - | 1 | 17 | - | 17 |
| NON-ENERGY USE | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 10 | - | - | 2796 | - | - | - | - | 2806 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Netherlands Antilles / Antilles néerlandaises

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|--------------|--------------------|-----|---------|-------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | - | - | - | - | - | - | - | - | - | - |
| Imports | - | 11106 | 2841 | - | - | - | - | - | - | - | 13947 |
| Exports | - | - | -10172 | - | - | - | - | - | - | - | -10172 |
| Intl. marine bunkers | - | - | -1779 | - | - | - | - | - | - | - | -1779 |
| Intl. aviation bunkers | - | - | -77 | - | - | - | - | - | - | - | -77 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | 11106 | -9187 | - | - | - | - | - | - | - | 1919 |
| Electricity and CHP plants | - | - | -284 | - | - | - | - | - | 109 | - | -175 |
| Petroleum refineries | - | -11106 | 11071 | - | - | - | - | - | - | - | -35 |
| Other transformation* | - | - | -890 | - | - | - | - | - | -27 | - | -918 |
| TFC | - | - | 710 | - | - | - | - | - | 82 | - | 791 |
| INDUSTRY SECTOR | - | - | 105 | - | - | - | - | - | 45 | - | 150 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 105 | - | - | - | - | - | 45 | - | 150 |
| TRANSPORT SECTOR | - | - | 415 | - | - | - | - | - | - | - | 415 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 415 | - | - | - | - | - | - | - | 415 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 69 | - | - | - | - | - | 37 | - | 106 |
| Residential | - | - | 69 | - | - | - | - | - | - | - | 69 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | 37 | - | 37 |
| NON-ENERGY USE | - | - | 121 | - | - | - | - | - | - | - | 121 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 1271 | - | - | - | - | - | - | - | 1271 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|-------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | - | - | - | - | - | - | - | - | - | - |
| Imports | - | 11741 | 2893 | - | - | - | - | - | - | - | 14634 |
| Exports | - | - | -10570 | - | - | - | - | - | - | - | -10570 |
| Intl. marine bunkers | - | - | -1811 | - | - | - | - | - | - | - | -1811 |
| Intl. aviation bunkers | - | - | -78 | - | - | - | - | - | - | - | -78 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | 11741 | -9566 | - | - | - | - | - | - | - | 2175 |
| Electricity and CHP plants | - | - | -290 | - | - | - | - | - | 111 | - | -179 |
| Petroleum refineries | - | -11741 | 11597 | - | - | - | - | - | - | - | -144 |
| Other transformation* | - | - | -1020 | - | - | - | - | - | -28 | - | -1048 |
| TFC | - | - | 722 | - | - | - | - | - | 83 | - | 805 |
| INDUSTRY SECTOR | - | - | 107 | - | - | - | - | - | 46 | - | 152 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 107 | - | - | - | - | - | 46 | - | 152 |
| TRANSPORT SECTOR | - | - | 423 | - | - | - | - | - | - | - | 423 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 423 | - | - | - | - | - | - | - | 423 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 70 | - | - | - | - | - | 37 | - | 107 |
| Residential | - | - | 70 | - | - | - | - | - | - | - | 70 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | 37 | - | 37 |
| NON-ENERGY USE | - | - | 123 | - | - | - | - | - | - | - | 123 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 1294 | - | - | - | - | - | - | - | 1294 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Nicaragua

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-------------|------------|--------------------|-----|---------|-----------|----------------------|-------------------------|-------------|------|-------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | - | - | - | - | - | 26 | 267 | 1803 | - | - | 2097 |
| Imports | - | 816 | 598 | - | - | - | - | - | 5 | - | 1419 |
| Exports | - | - | -52 | - | - | - | - | - | - | - | -52 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -17 | - | - | - | - | - | - | - | -17 |
| Stock changes | - | -19 | 3 | - | - | - | - | - | - | - | -16 |
| TPES | - | 797 | 531 | - | - | 26 | 267 | 1803 | 5 | - | 3430 |
| Electricity and CHP plants | - | - | -508 | - | - | -26 | -267 | -62 | 254 | - | -609 |
| Petroleum refineries | - | -806 | 799 | - | - | - | - | - | - | - | -8 |
| Other transformation* | - | 9 | -23 | - | - | - | - | -33 | -80 | - | -128 |
| TFC | - | - | 798 | - | - | - | - | 1708 | 179 | - | 2685 |
| INDUSTRY SECTOR | - | - | 149 | - | - | - | - | 278 | 42 | - | 469 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 149 | - | - | - | - | 278 | 42 | - | 469 |
| TRANSPORT SECTOR | - | - | 488 | - | - | - | - | - | - | - | 488 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 473 | - | - | - | - | - | - | - | 473 |
| Other/non-specified | - | - | 15 | - | - | - | - | - | - | - | 15 |
| OTHER SECTORS | - | - | 127 | - | - | - | - | 1431 | 136 | - | 1694 |
| Residential | - | - | 32 | - | - | - | - | 1348 | 55 | - | 1435 |
| Comm. and publ. services | - | - | 84 | - | - | - | - | 61 | 73 | - | 219 |
| Agriculture/forestry | - | - | 10 | - | - | - | - | 21 | 6 | - | 38 |
| Other/non-specified | - | - | - | - | - | - | - | - | 2 | - | 2 |
| NON-ENERGY USE | - | - | 35 | - | - | - | - | - | - | - | 35 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 2198 | - | - | 308 | 311 | 141 | - | - | 2958 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|-------------------------------------|------------------|--------------|---------------------|-----|-----------|-----------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | - | - | - | - | 26 | 209 | 1822 | - | - | 2057 |
| Imports | - | 802 | 717 | - | - | - | - | - | 6 | - | 1525 |
| Exports | - | - | -34 | - | - | - | - | - | - | - | -34 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -27 | - | - | - | - | - | - | - | -27 |
| Stock changes | - | -4 | -44 | - | - | - | - | - | - | - | -48 |
| TPES | - | 798 | 613 | - | - | 26 | 209 | 1822 | 6 | - | 3474 |
| Electricity and CHP plants | - | - | -529 | - | - | -26 | -209 | -144 | 276 | - | -632 |
| Petroleum refineries | - | -798 | 814 | - | - | - | - | - | - | - | 16 |
| Other transformation* | - | - | -18 | - | - | - | - | -34 | -93 | - | -146 |
| TFC | - | - | 879 | - | - | - | - | 1644 | 188 | - | 2712 |
| INDUSTRY SECTOR | - | - | 177 | - | - | - | - | 200 | 55 | - | 431 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 177 | - | - | - | - | 200 | 55 | - | 431 |
| TRANSPORT SECTOR | - | - | 544 | - | - | - | - | - | - | - | 544 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 513 | - | - | - | - | - | - | - | 513 |
| Other/non-specified | - | - | 31 | - | - | - | - | - | - | - | 31 |
| OTHER SECTORS | - | - | 126 | - | - | - | - | 1445 | 133 | - | 1704 |
| Residential | - | - | 29 | - | - | - | - | 1361 | 59 | - | 1449 |
| Comm. and publ. services | - | - | 79 | - | - | - | - | 62 | 67 | - | 208 |
| Agriculture/forestry | - | - | 6 | - | - | - | - | 22 | 5 | - | 33 |
| Other/non-specified | - | - | 12 | - | - | - | - | - | 2 | - | 14 |
| NON-ENERGY USE | - | - | 33 | - | - | - | - | - | - | - | 33 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 2281 | - | - | 305 | 243 | 380 | - | - | 3209 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Nigeria / Nigéria

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|-------------|----------|------------|----------------------|-------------------------|-------------|----------|---------------|
| Production | 5 | 127184 | - | 23892 | - | 663 | - | 83616 | - | - | 235361 |
| Imports | - | - | 7968 | - | - | - | - | - | - | - | 7968 |
| Exports | - | -121277 | -1513 | -14894 | - | - | - | - | - | - | -137684 |
| Intl. marine bunkers | - | - | -621 | - | - | - | - | - | - | - | -621 |
| Intl. aviation bunkers | - | - | -241 | - | - | - | - | - | - | - | -241 |
| Stock changes | - | 136 | -93 | - | - | - | - | - | - | - | 43 |
| TPES | 5 | 6043 | 5500 | 8998 | - | 663 | - | 83616 | - | - | 104826 |
| Electricity and CHP plants | - | - | -651 | -2946 | - | -663 | - | - | 1987 | - | -2273 |
| Petroleum refineries | - | -6043 | 5664 | - | - | - | - | - | - | - | -380 |
| Other transformation* | - | - | -355 | -4537 | - | - | - | -2223 | -674 | - | -7790 |
| TFC | 5 | - | 10158 | 1514 | - | - | - | 81393 | 1313 | - | 94384 |
| INDUSTRY SECTOR | 5 | - | 191 | 1514 | - | - | - | 8240 | 289 | - | 10238 |
| Iron and steel | - | - | - | 114 | - | - | - | - | - | - | 114 |
| Chemical and petrochemical | - | - | - | 613 | - | - | - | - | - | - | 613 |
| Non-metallic minerals | 5 | - | - | - | - | - | - | - | - | - | 5 |
| Other/non-specified | - | - | 191 | 787 | - | - | - | 8240 | 289 | - | 9506 |
| TRANSPORT SECTOR | - | - | 7886 | - | - | - | - | - | - | - | 7886 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 7845 | - | - | - | - | - | - | - | 7845 |
| Other/non-specified | - | - | 41 | - | - | - | - | - | - | - | 41 |
| OTHER SECTORS | - | - | 1827 | - | - | - | - | 73153 | 1024 | - | 76005 |
| Residential | - | - | 1827 | - | - | - | - | 73153 | 674 | - | 75654 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 351 | - | 351 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 254 | - | - | - | - | - | - | - | 254 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 2035 | 13361 | - | 7714 | - | - | - | - | 23110 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|--------------|-----------|------------|------------------------|----------------------|-------------|----------|---------------|
| Production | 5 | 116710 | - | 28890 | - | 551 | - | 85555 | - | - | 231712 |
| Imports | - | - | 8744 | - | - | - | - | - | - | - | 8744 |
| Exports | - | -114179 | -514 | -18300 | - | - | - | - | - | - | -132993 |
| Intl. marine bunkers | - | - | -621 | - | - | - | - | - | - | - | -621 |
| Intl. aviation bunkers | - | - | -247 | - | - | - | - | - | - | - | -247 |
| Stock changes | - | 120 | -33 | - | - | - | - | - | - | - | 87 |
| TPES | 5 | 2652 | 7329 | 10590 | - | 551 | - | 85555 | - | - | 106683 |
| Electricity and CHP plants | - | - | -491 | -3404 | - | -551 | - | - | 1976 | - | -2469 |
| Petroleum refineries | - | -2652 | 2555 | - | - | - | - | - | - | - | -96 |
| Other transformation* | - | - | -247 | -5404 | - | - | - | -2273 | -284 | - | -8209 |
| TFC | 5 | - | 9147 | 1782 | - | - | - | 83282 | 1692 | - | 95909 |
| INDUSTRY SECTOR | 5 | - | 147 | 1782 | - | - | - | 8425 | 372 | - | 10732 |
| Iron and steel | - | - | - | 134 | - | - | - | - | - | - | 134 |
| Chemical and petrochemical | - | - | - | 721 | - | - | - | - | - | - | 721 |
| Non-metallic minerals | 5 | - | - | - | - | - | - | - | - | - | 5 |
| Other/non-specified | - | - | 147 | 927 | - | - | - | 8425 | 372 | - | 9872 |
| TRANSPORT SECTOR | - | - | 7372 | - | - | - | - | - | - | - | 7372 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 7337 | - | - | - | - | - | - | - | 7337 |
| Other/non-specified | - | - | 35 | - | - | - | - | - | - | - | 35 |
| OTHER SECTORS | - | - | 1495 | - | - | - | - | 74857 | 1319 | - | 77672 |
| Residential | - | - | 1495 | - | - | - | - | 74857 | 868 | - | 77220 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 452 | - | 452 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 133 | - | - | - | - | - | - | - | 133 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 1137 | 15435 | - | 6406 | - | - | - | - | 22978 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Oman

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|--------------|---------|-------|----------------------|-------------------------|-------------|------|--------------|
| Production | - | 39596 | - | 20881 | - | - | - | - | - | - | 60477 |
| Imports | - | - | 894 | - | - | - | - | - | - | - | 894 |
| Exports | - | -34318 | -579 | -10484 | - | - | - | - | - | - | -45380 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -432 | - | - | - | - | - | - | - | -432 |
| Stock changes | - | -688 | -2 | - | - | - | - | - | - | - | -691 |
| TPES | - | 4590 | -120 | 10397 | - | - | - | - | - | - | 14867 |
| Electricity and CHP plants | - | - | -841 | -3955 | - | - | - | - | 1168 | - | -3627 |
| Petroleum refineries | - | -4590 | 4227 | - | - | - | - | - | - | - | -363 |
| Other transformation* | - | - | 27 | -5027 | - | - | - | - | -231 | - | -5233 |
| TFC | - | - | 3293 | 1415 | - | - | - | - | 936 | - | 5645 |
| INDUSTRY SECTOR | - | - | 1466 | 264 | - | - | - | - | 94 | - | 1824 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | 38 | - | - | - | - | - | - | 38 |
| Other/non-specified | - | - | 1466 | 226 | - | - | - | - | 94 | - | 1786 |
| TRANSPORT SECTOR | - | - | 1408 | - | - | - | - | - | - | - | 1408 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1408 | - | - | - | - | - | - | - | 1408 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 380 | 66 | - | - | - | - | 842 | - | 1288 |
| Residential | - | - | 115 | - | - | - | - | - | 498 | - | 613 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 316 | - | 316 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 265 | 66 | - | - | - | - | 28 | - | 358 |
| NON-ENERGY USE | - | - | 40 | 1085 | - | - | - | - | - | - | 1125 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 2445 | 11140 | - | - | - | - | - | - | 13585 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|--------------|-----------|-------|------------------------|----------------------|-------------|---------|--------------|
| Production | - | 38118 | - | 21152 | - | - | - | - | - | - | 59270 |
| Imports | - | - | 1896 | - | - | - | - | - | - | - | 1896 |
| Exports | - | -32648 | -245 | -10638 | - | - | - | - | - | - | -43530 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -438 | - | - | - | - | - | - | - | -438 |
| Stock changes | - | -1717 | -1 | - | - | - | - | - | - | - | -1718 |
| TPES | - | 3754 | 1212 | 10514 | - | - | - | - | - | - | 15479 |
| Electricity and CHP plants | - | - | -894 | -4148 | - | - | - | - | 1242 | - | -3799 |
| Petroleum refineries | - | -3754 | 3635 | - | - | - | - | - | - | - | -118 |
| Other transformation* | - | - | -255 | -2771 | - | - | - | - | -241 | - | -3267 |
| TFC | - | - | 3699 | 3595 | - | - | - | - | 1001 | - | 8294 |
| INDUSTRY SECTOR | - | - | 1620 | 307 | - | - | - | - | 104 | - | 2031 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | 54 | - | - | - | - | - | - | 54 |
| Other/non-specified | - | - | 1620 | 253 | - | - | - | - | 104 | - | 1977 |
| TRANSPORT SECTOR | - | - | 1586 | - | - | - | - | - | - | - | 1586 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1586 | - | - | - | - | - | - | - | 1586 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 453 | 114 | - | - | - | - | 897 | - | 1463 |
| Residential | - | - | 168 | - | - | - | - | - | 529 | - | 698 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 339 | - | 339 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 284 | 114 | - | - | - | - | 29 | - | 427 |
| NON-ENERGY USE | - | - | 40 | 3174 | - | - | - | - | - | - | 3214 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 2600 | 11843 | - | - | - | - | - | - | 14443 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Pakistan

Figure 1. Energy production

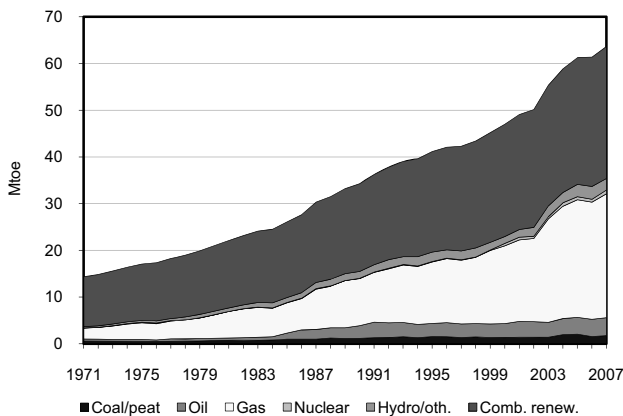


Figure 2. Total primary energy supply*

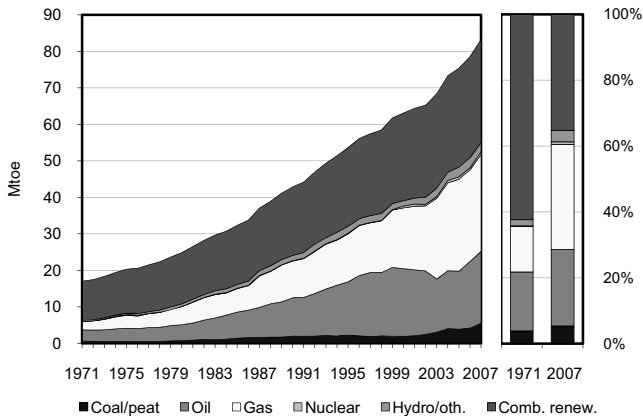


Figure 3. Energy self-sufficiency**

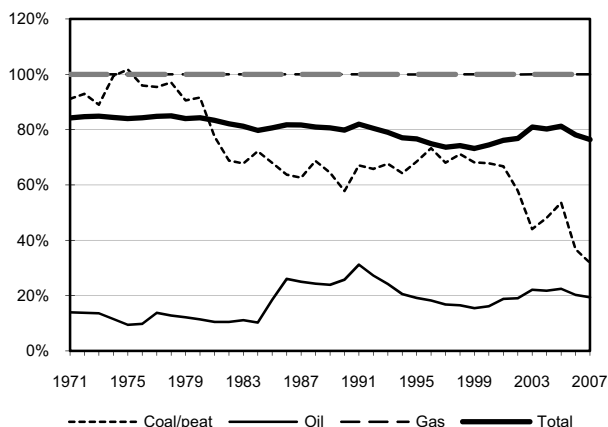


Figure 4. Oil products demand***

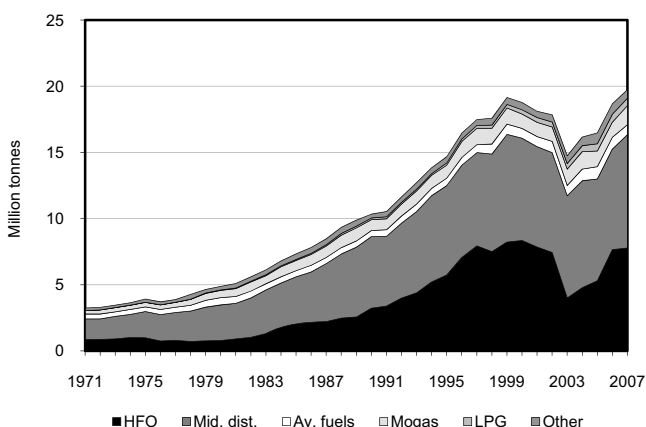


Figure 5. Electricity generation by fuel

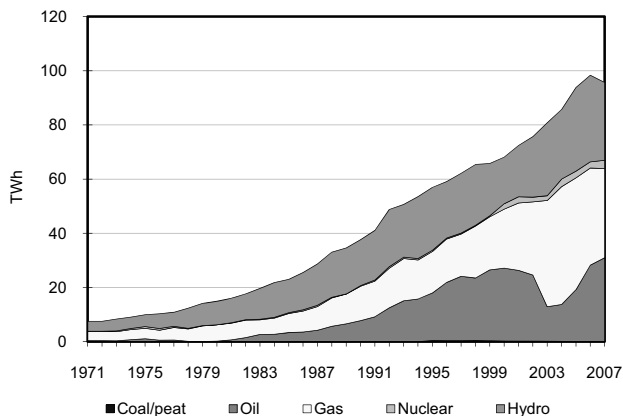
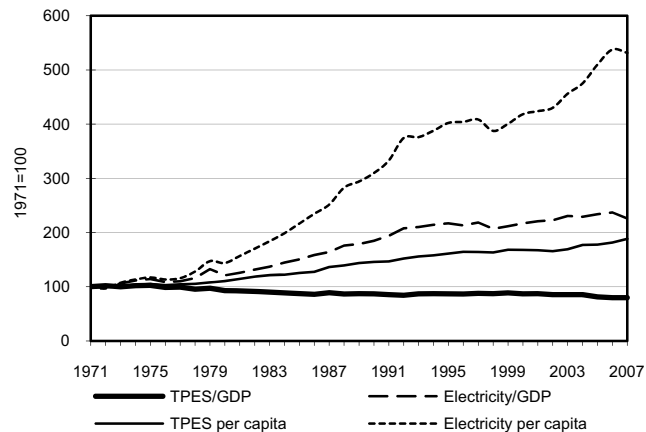


Figure 6. Selected indicators****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** GDP in 2000 US dollars.

Pakistan

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 1551 | 3694 | - | 25090 | 596 | 2748 | - | 27676 | - | - | 61354 |
| Imports | 2669 | 8558 | 8460 | - | - | - | - | - | - | - | 19687 |
| Exports | - | - | -1431 | - | - | - | - | - | - | - | -1431 |
| Intl. marine bunkers | - | - | -102 | - | - | - | - | - | - | - | -102 |
| Intl. aviation bunkers | - | - | -917 | - | - | - | - | - | - | - | -917 |
| Stock changes | - | -290 | 266 | 3 | - | - | - | - | - | - | -21 |
| TPES | 4220 | 11962 | 6275 | 25093 | 596 | 2748 | - | 27676 | - | - | 78570 |
| Transfers | - | -380 | 403 | - | - | - | - | - | - | - | 23 |
| Statistical differences | - | - | -10 | - | - | - | - | - | - | - | -10 |
| Electricity plants | -87 | - | -6581 | -8208 | -596 | -2748 | - | - | 8458 | - | -9762 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -11582 | 11365 | - | - | - | - | - | - | - | -217 |
| Coal transformation | -129 | - | - | - | - | - | - | - | - | - | -129 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | -553 | - | - | -553 |
| Own use | - | - | -397 | -305 | - | - | - | - | -312 | - | -1014 |
| Distribution losses | - | - | - | -139 | - | - | - | - | -1893 | - | -2032 |
| TFC | 4004 | - | 11054 | 16441 | - | - | - | 27123 | 6253 | - | 64875 |
| INDUSTRY SECTOR | 4003 | - | 1615 | 7525 | - | - | - | 3010 | 1812 | - | 17965 |
| Iron and steel | 75 | - | - | - | - | - | - | - | - | - | 75 |
| Chemical and petrochemical | - | - | 867 | 747 | - | - | - | - | - | - | 1614 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 3928 | - | 464 | 326 | - | - | - | - | - | - | 4718 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | - | - | - | - | - | - | - | - | - | - | - |
| Paper pulp and printing | - | - | - | - | - | - | - | - | - | - | - |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 285 | 6451 | - | - | - | 3010 | 1812 | - | 11558 |
| TRANSPORT SECTOR | - | - | 7888 | 1255 | - | - | - | - | 1 | - | 9144 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 7622 | 1255 | - | - | - | - | - | - | 8877 |
| Rail | - | - | 266 | - | - | - | - | - | 1 | - | 267 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 1 | - | 985 | 4822 | - | - | - | 24113 | 4441 | - | 34361 |
| Residential | 1 | - | 550 | 4124 | - | - | - | 24113 | 2867 | - | 31654 |
| Comm. and publ. services | - | - | 333 | 697 | - | - | - | - | 871 | - | 1901 |
| Agriculture/forestry | - | - | 102 | - | - | - | - | - | 703 | - | 805 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 566 | 2840 | - | - | - | - | - | - | 3406 |
| in industry/transf./energy | - | - | 566 | 2840 | - | - | - | - | - | - | 3406 |
| <i>of which: feedstocks</i> | - | - | - | 2840 | - | - | - | - | - | - | 2840 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|------------|----------|--------------|--------------|-------------|--------------|----------|----------|----------|----------|--------------|
| Electr. generated - GWh | 136 | - | 28162 | 35811 | 2288 | 31953 | - | - | - | - | 98350 |
| <i>Electricity plants</i> | 136 | - | 28162 | 35811 | 2288 | 31953 | - | - | - | - | 98350 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Pakistan

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 1755 | 3819 | - | 26532 | 802 | 2469 | - | 28266 | - | - | 63643 |
| Imports | 3760 | 8808 | 9074 | - | - | - | - | - | - | - | 21642 |
| Exports | - | - | -1419 | - | - | - | - | - | - | - | -1419 |
| Intl. marine bunkers | - | - | -130 | - | - | - | - | - | - | - | -130 |
| Intl. aviation bunkers | - | - | -765 | - | - | - | - | - | - | - | -765 |
| Stock changes | - | -171 | 470 | 1 | - | - | - | - | - | - | 300 |
| TPES | 5515 | 12456 | 7230 | 26533 | 802 | 2469 | - | 28266 | - | - | 83271 |
| Transfers | - | -372 | 394 | - | - | - | - | - | - | - | 22 |
| Statistical differences | - | - | -153 | - | - | - | - | - | - | - | -153 |
| Electricity plants | -87 | - | -6926 | -8068 | -802 | -2469 | - | - | 8229 | - | -10123 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -12084 | 11846 | - | - | - | - | - | - | - | -238 |
| Coal transformation | -194 | - | - | - | - | - | - | - | - | - | -194 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | -565 | - | - | -565 |
| Own use | - | - | -413 | -341 | - | - | - | - | -317 | - | -1071 |
| Distribution losses | - | - | - | -425 | - | - | - | - | -1600 | - | -2025 |
| TFC | 5234 | - | 11978 | 17699 | - | - | - | 27701 | 6312 | - | 68924 |
| INDUSTRY SECTOR | 5233 | - | 1076 | 7821 | - | - | - | 3074 | 1783 | - | 18988 |
| Iron and steel | 112 | - | - | - | - | - | - | - | - | - | 112 |
| Chemical and petrochemical | - | - | 463 | 744 | - | - | - | - | - | - | 1207 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 5121 | - | 367 | 283 | - | - | - | - | - | - | 5771 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | - | - | - | - | - | - | - | - | - | - | - |
| Paper pulp and printing | - | - | - | - | - | - | - | - | - | - | - |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 246 | 6794 | - | - | - | 3074 | 1783 | - | 11897 |
| TRANSPORT SECTOR | - | - | 9478 | 1601 | - | - | - | - | 1 | - | 11080 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 9167 | 1601 | - | - | - | - | - | - | 10768 |
| Rail | - | - | 311 | - | - | - | - | - | 1 | - | 312 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 1 | - | 997 | 5289 | - | - | - | 24626 | 4529 | - | 35442 |
| Residential | 1 | - | 528 | 4535 | - | - | - | 24626 | 2899 | - | 32588 |
| Comm. and publ. services | - | - | 355 | 754 | - | - | - | - | 902 | - | 2010 |
| Agriculture/forestry | - | - | 115 | - | - | - | - | - | 729 | - | 843 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 427 | 2988 | - | - | - | - | - | - | 3415 |
| in industry/transf./energy | - | - | 427 | 2988 | - | - | - | - | - | - | 3415 |
| <i>of which: feedstocks</i> | - | - | - | 2988 | - | - | - | - | - | - | 2988 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 136 | - | 30848 | 32923 | 3077 | 28707 | - | - | - | - | 95691 |
| <i>Electricity plants</i> | 136 | - | 30848 | 32923 | 3077 | 28707 | - | - | - | - | 95691 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Panama

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-------------|-----------|--------------------|-----|---------|------------|----------------------|-------------------------|-------------|------|-------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | - | - | - | - | - | 308 | - | 443 | - | - | 751 |
| Imports | - | - | 2371 | - | - | - | - | - | - | - | 2371 |
| Exports | - | - | - | - | - | - | - | - | -4 | - | -4 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -225 | - | - | - | - | - | - | - | -225 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | - | 2146 | - | - | 308 | - | 443 | -4 | - | 2893 |
| Electricity and CHP plants | - | - | -582 | - | - | -308 | - | -14 | 515 | - | -389 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | 3 | - | - | - | - | -7 | -91 | - | -95 |
| TFC | - | - | 1566 | - | - | - | - | 422 | 420 | - | 2408 |
| INDUSTRY SECTOR | - | - | 299 | - | - | - | - | 80 | 39 | - | 418 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 299 | - | - | - | - | 80 | 39 | - | 418 |
| TRANSPORT SECTOR | - | - | 1005 | - | - | - | - | - | - | - | 1005 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 458 | - | - | - | - | - | - | - | 458 |
| Other/non-specified | - | - | 547 | - | - | - | - | - | - | - | 547 |
| OTHER SECTORS | - | - | 213 | - | - | - | - | 342 | 381 | - | 936 |
| Residential | - | - | 136 | - | - | - | - | 340 | 132 | - | 609 |
| Comm. and publ. services | - | - | 45 | - | - | - | - | 1 | 249 | - | 295 |
| Agriculture/forestry | - | - | 31 | - | - | - | - | - | - | - | 31 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 50 | - | - | - | - | - | - | - | 50 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 2389 | - | - | 3580 | - | 20 | - | - | 5989 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|-------------------------------------|------------------|--------------|---------------------|-----|-----------|------------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | - | - | - | - | 315 | - | 380 | - | - | 695 |
| Imports | - | - | 2003 | - | - | - | - | - | 1 | - | 2004 |
| Exports | - | - | - | - | - | - | - | - | -11 | - | -11 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -274 | - | - | - | - | - | - | - | -274 |
| Stock changes | - | - | 409 | - | - | - | - | - | - | - | 409 |
| TPES | - | - | 2139 | - | - | 315 | - | 380 | -10 | - | 2824 |
| Electricity and CHP plants | - | - | -647 | - | - | -315 | - | -14 | 557 | - | -420 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | 7 | - | - | - | - | -7 | -85 | - | -84 |
| TFC | - | - | 1498 | - | - | - | - | 359 | 463 | - | 2320 |
| INDUSTRY SECTOR | - | - | 262 | - | - | - | - | 81 | 32 | - | 376 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 262 | - | - | - | - | 81 | 32 | - | 376 |
| TRANSPORT SECTOR | - | - | 979 | - | - | - | - | - | - | - | 979 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 454 | - | - | - | - | - | - | - | 454 |
| Other/non-specified | - | - | 525 | - | - | - | - | - | - | - | 525 |
| OTHER SECTORS | - | - | 175 | - | - | - | - | 277 | 430 | - | 883 |
| Residential | - | - | 104 | - | - | - | - | 277 | 137 | - | 519 |
| Comm. and publ. services | - | - | 58 | - | - | - | - | - | 293 | - | 352 |
| Agriculture/forestry | - | - | 12 | - | - | - | - | - | - | - | 12 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 82 | - | - | - | - | - | - | - | 82 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 2790 | - | - | 3666 | - | 20 | - | - | 6476 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Paraguay

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|-----|---------|-------------|----------------------|-------------------------|--------------|------|-------------|
| Production | - | - | - | - | - | 4625 | - | 2344 | - | - | 6970 |
| Imports | - | - | 1199 | - | - | - | - | - | - | - | 1199 |
| Exports | - | - | - | - | - | - | - | -188 | -3931 | - | -4118 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -22 | - | - | - | - | - | - | - | -22 |
| Stock changes | - | - | 12 | - | - | - | - | - | - | - | 12 |
| TPES | - | - | 1189 | - | - | 4625 | - | 2157 | -3931 | - | 4040 |
| Electricity and CHP plants | - | - | - | - | - | -4625 | - | - | 4625 | - | - |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | -179 | -253 | - | -432 |
| TFC | - | - | 1189 | - | - | - | - | 1977 | 442 | - | 3608 |
| INDUSTRY SECTOR | - | - | 56 | - | - | - | - | 1073 | 118 | - | 1247 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 56 | - | - | - | - | 1073 | 118 | - | 1247 |
| TRANSPORT SECTOR | - | - | 1055 | - | - | - | - | 17 | - | - | 1072 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1037 | - | - | - | - | 17 | - | - | 1054 |
| Other/non-specified | - | - | 18 | - | - | - | - | - | - | - | 18 |
| OTHER SECTORS | - | - | 71 | - | - | - | - | 887 | 324 | - | 1282 |
| Residential | - | - | 71 | - | - | - | - | 883 | 293 | - | 1247 |
| Comm. and publ. services | - | - | - | - | - | - | - | 4 | 32 | - | 35 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 7 | - | - | - | - | - | - | - | 7 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | - | - | - | 53784 | - | - | - | - | 53784 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|-------------|------------------------|----------------------|--------------|---------|-------------|
| Production | - | - | - | - | - | 4620 | - | 2520 | - | - | 7141 |
| Imports | - | - | 1264 | - | - | - | - | - | - | - | 1264 |
| Exports | - | - | - | - | - | - | - | -291 | -3882 | - | -4173 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -24 | - | - | - | - | - | - | - | -24 |
| Stock changes | - | - | -5 | - | - | - | - | - | - | - | -5 |
| TPES | - | - | 1234 | - | - | 4620 | - | 2229 | -3882 | - | 4202 |
| Electricity and CHP plants | - | - | - | - | - | -4620 | - | - | 4620 | - | - |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | - | - | - | - | -251 | -259 | - | -510 |
| TFC | - | - | 1234 | - | - | - | - | 1979 | 480 | - | 3693 |
| INDUSTRY SECTOR | - | - | 24 | - | - | - | - | 1068 | 126 | - | 1218 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 24 | - | - | - | - | 1068 | 126 | - | 1218 |
| TRANSPORT SECTOR | - | - | 1132 | - | - | - | - | 15 | - | - | 1147 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1114 | - | - | - | - | 15 | - | - | 1130 |
| Other/non-specified | - | - | 18 | - | - | - | - | - | - | - | 17 |
| OTHER SECTORS | - | - | 72 | - | - | - | - | 895 | 354 | - | 1321 |
| Residential | - | - | 72 | - | - | - | - | 891 | 288 | - | 1252 |
| Comm. and publ. services | - | - | - | - | - | - | - | 4 | 66 | - | 69 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 7 | - | - | - | - | - | - | - | 7 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | - | - | - | 53725 | - | - | - | - | 53725 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Peru / Pérou

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|-------------|----------|-------------|----------------------|-------------------------|-------------|----------|--------------|
| Production | 75 | 5601 | - | 1672 | - | 1848 | 56 | 2363 | - | - | 11615 |
| Imports | 720 | 5114 | 997 | - | - | - | - | - | - | - | 6830 |
| Exports | - | -1205 | -2173 | - | - | - | - | - | - | - | -3378 |
| Intl. marine bunkers | - | - | -102 | - | - | - | - | - | - | - | -102 |
| Intl. aviation bunkers | - | - | -481 | - | - | - | - | - | - | - | -481 |
| Stock changes | -2 | -181 | -1083 | - | - | - | - | - | - | - | -1265 |
| TPES | 793 | 9329 | -2844 | 1672 | - | 1848 | 56 | 2363 | - | - | 13218 |
| Electricity and CHP plants | -234 | - | -485 | -993 | - | -1848 | - | -119 | 2353 | - | -1327 |
| Petroleum refineries | - | -8347 | 8227 | - | - | - | - | - | - | - | -120 |
| Other transformation* | -109 | -982 | 1304 | -380 | - | - | - | -81 | -256 | - | -504 |
| TFC | 450 | - | 6201 | 300 | - | - | 56 | 2163 | 2097 | - | 11267 |
| INDUSTRY SECTOR | 445 | - | 1521 | 277 | - | - | - | 2 | 1113 | - | 3357 |
| Iron and steel | 84 | - | 433 | 32 | - | - | - | - | 503 | - | 1051 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | 14 | - | - | - | - | - | - | - | 14 |
| Other/non-specified | 361 | - | 1074 | 245 | - | - | - | 2 | 610 | - | 2292 |
| TRANSPORT SECTOR | - | - | 3418 | 6 | - | - | - | - | - | - | 3424 |
| Domestic aviation | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Road | - | - | 3396 | - | - | - | - | - | - | - | 3396 |
| Other/non-specified | - | - | 21 | 6 | - | - | - | - | - | - | 27 |
| OTHER SECTORS | 5 | - | 1048 | 17 | - | - | 56 | 2161 | 984 | - | 4271 |
| Residential | - | - | 631 | 1 | - | - | 56 | 2073 | 842 | - | 3603 |
| Comm. and publ. services | - | - | 151 | 5 | - | - | - | 1 | 34 | - | 191 |
| Agriculture/forestry | 5 | - | 266 | - | - | - | - | 87 | 108 | - | 466 |
| Other/non-specified | - | - | - | 12 | - | - | - | - | - | - | 12 |
| NON-ENERGY USE | - | - | 215 | - | - | - | - | - | - | - | 215 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 816 | - | 1847 | 2836 | - | 21483 | 1 | 375 | - | - | 27358 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-------------|-----------|-------------|------------------------|----------------------|-------------|----------|--------------|
| Production | 78 | 5550 | - | 2336 | - | 1681 | 7 | 2561 | - | - | 12214 |
| Imports | 877 | 5569 | 1301 | - | - | - | - | - | - | - | 7747 |
| Exports | - | -1383 | -2598 | - | - | - | - | - | - | - | -3981 |
| Intl. marine bunkers | - | - | -152 | - | - | - | - | - | - | - | -152 |
| Intl. aviation bunkers | - | - | -175 | - | - | - | - | - | - | - | -175 |
| Stock changes | 72 | -53 | -1593 | - | - | - | - | - | - | - | -1574 |
| TPES | 1028 | 9682 | -3217 | 2336 | - | 1681 | 7 | 2561 | - | - | 14079 |
| Electricity and CHP plants | -242 | - | -394 | -1461 | - | -1681 | - | -143 | 2574 | - | -1348 |
| Petroleum refineries | - | -8728 | 8529 | - | - | - | - | - | - | - | -199 |
| Other transformation* | -87 | -954 | 1305 | -393 | - | - | - | -85 | -260 | - | -476 |
| TFC | 699 | - | 6223 | 482 | - | - | 7 | 2333 | 2313 | - | 12056 |
| INDUSTRY SECTOR | 694 | - | 1531 | 408 | - | - | - | 2 | 1268 | - | 3904 |
| Iron and steel | 217 | - | 434 | 39 | - | - | - | - | 605 | - | 1295 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | 12 | - | - | - | - | - | - | - | 12 |
| Other/non-specified | 477 | - | 1085 | 369 | - | - | - | 2 | 663 | - | 2597 |
| TRANSPORT SECTOR | - | - | 3546 | 41 | - | - | - | - | - | - | 3587 |
| Domestic aviation | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Road | - | - | 3527 | - | - | - | - | - | - | - | 3527 |
| Other/non-specified | - | - | 18 | 41 | - | - | - | - | - | - | 59 |
| OTHER SECTORS | 5 | - | 1032 | 32 | - | - | 7 | 2331 | 1045 | - | 4452 |
| Residential | - | - | 644 | 1 | - | - | 7 | 2238 | 965 | - | 3855 |
| Comm. and publ. services | - | - | 145 | 11 | - | - | - | 1 | 29 | - | 187 |
| Agriculture/forestry | 5 | - | 242 | - | - | - | - | 91 | 51 | - | 390 |
| Other/non-specified | - | - | - | 20 | - | - | - | - | - | - | 20 |
| NON-ENERGY USE | - | - | 114 | - | - | - | - | - | - | - | 114 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 845 | - | 1798 | 7288 | - | 19549 | 1 | 450 | - | - | 29931 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Philippines

Figure 1. Energy production

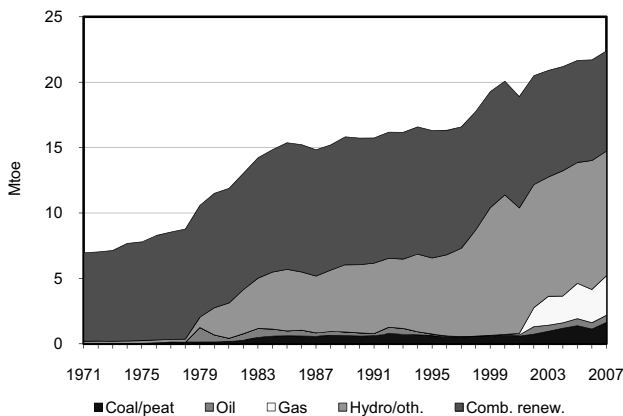


Figure 2. Total primary energy supply*

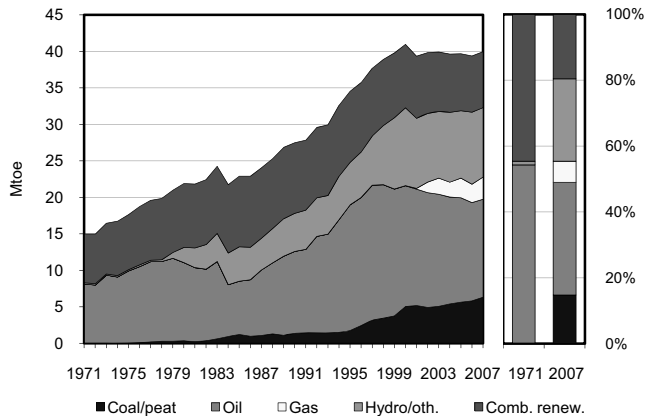


Figure 3. Energy self-sufficiency**

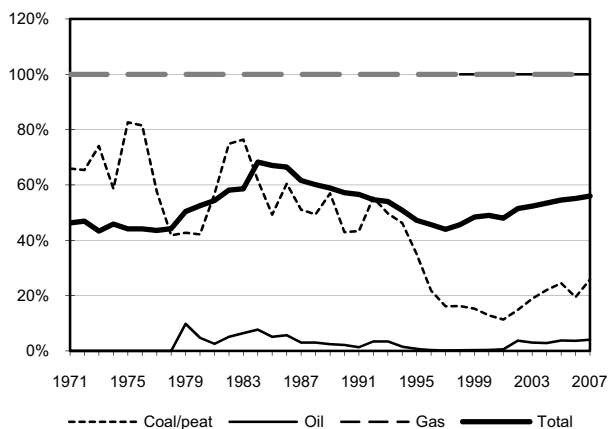


Figure 4. Oil products demand***

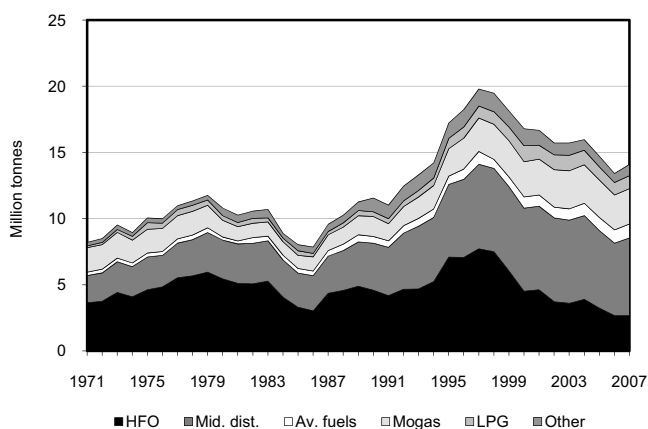


Figure 5. Electricity generation by fuel

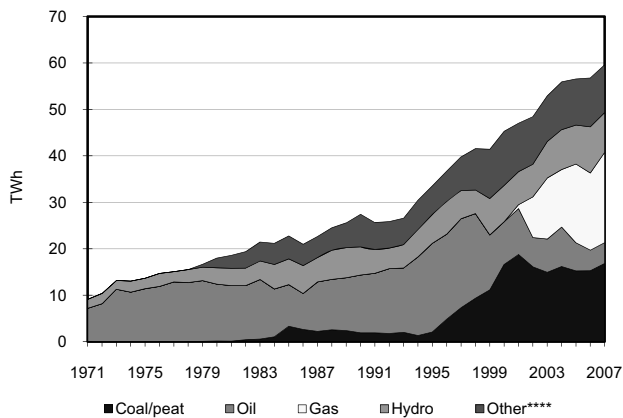
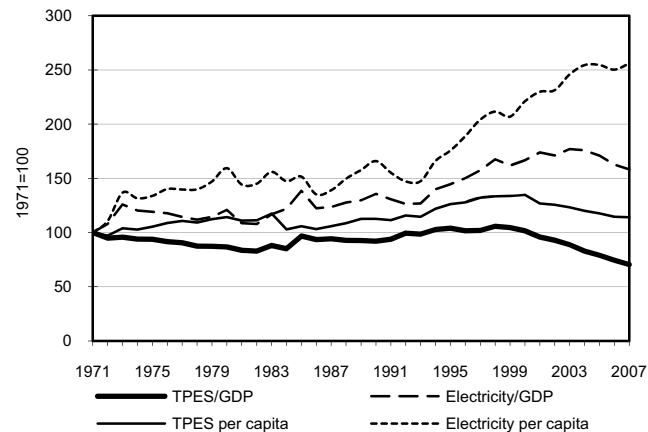


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Philippines

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 1130 | 491 | - | 2529 | - | 855 | 9001 | 7704 | - | - | 21710 |
| Imports | 4687 | 10918 | 5297 | - | - | - | - | 1 | - | - | 20902 |
| Exports | - | -466 | -1723 | - | - | - | - | - | - | - | -2189 |
| Intl. marine bunkers | - | - | -127 | - | - | - | - | - | - | - | -127 |
| Intl. aviation bunkers | - | - | -807 | - | - | - | - | - | - | - | -807 |
| Stock changes | - | -83 | -23 | - | - | - | - | - | - | - | -107 |
| TPES | 5817 | 10860 | 2615 | 2529 | - | 855 | 9001 | 7705 | - | - | 39382 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | 119 | -81 | -122 | 27 | - | - | - | - | - | - | -57 |
| Electricity plants | -4088 | - | -1043 | -2310 | - | -855 | -9001 | - | 4883 | - | -12414 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -10437 | 10147 | - | - | - | - | - | - | - | -290 |
| Coal transformation | -31 | - | - | - | - | - | - | - | - | - | -31 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | -2051 | - | - | -2051 |
| Own use | -335 | -342 | -271 | -193 | - | - | - | - | -364 | - | -1504 |
| Distribution losses | - | - | - | - | - | - | - | - | -592 | - | -592 |
| TFC | 1482 | - | 11326 | 53 | - | - | - | 5654 | 3928 | - | 22442 |
| INDUSTRY SECTOR | 1318 | - | 1584 | 53 | - | - | - | 1256 | 1344 | - | 5554 |
| Iron and steel | 29 | - | 214 | - | - | - | - | - | 99 | - | 341 |
| Chemical and petrochemical | 27 | - | 192 | - | - | - | - | - | 164 | - | 383 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 1246 | - | 223 | - | - | - | - | - | 205 | - | 1675 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | 130 | - | - | - | - | - | 316 | - | 445 |
| Mining and quarrying | - | - | 46 | - | - | - | - | - | 18 | - | 64 |
| Food and tobacco | 8 | - | 507 | - | - | - | - | 1241 | 336 | - | 2092 |
| Paper pulp and printing | 7 | - | 69 | - | - | - | - | - | 62 | - | 138 |
| Wood and wood products | - | - | 7 | - | - | - | - | - | 10 | - | 17 |
| Construction | - | - | 105 | - | - | - | - | - | 27 | - | 132 |
| Textile and leather | - | - | 84 | - | - | - | - | - | 88 | - | 172 |
| Non-specified | 1 | - | 8 | 53 | - | - | - | 16 | 19 | - | 95 |
| TRANSPORT SECTOR | - | - | 7825 | - | - | - | - | 2 | 8 | - | 7835 |
| Domestic aviation | - | - | 257 | - | - | - | - | - | - | - | 257 |
| Road | - | - | 6781 | - | - | - | - | 2 | - | - | 6783 |
| Rail | - | - | - | - | - | - | - | - | 8 | - | 8 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 787 | - | - | - | - | - | - | - | 787 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 1810 | - | - | - | - | 4395 | 2576 | - | 8781 |
| Residential | - | - | 969 | - | - | - | - | 4095 | 1361 | - | 6426 |
| Comm. and publ. services | - | - | 593 | - | - | - | - | 300 | 1173 | - | 2066 |
| Agriculture/forestry | - | - | 21 | - | - | - | - | - | 41 | - | 63 |
| Fishing | - | - | 227 | - | - | - | - | - | - | - | 227 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | 164 | - | 107 | - | - | - | - | - | - | - | 271 |
| in industry/transf./energy | 164 | - | 107 | - | - | - | - | - | - | - | 271 |
| of which: feedstocks | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 15294 | - | 4426 | 16605 | - | 9939 | 10519 | - | - | - | 56783 |
| Electricity plants | 15294 | - | 4426 | 16605 | - | 9939 | 10519 | - | - | - | 56783 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |

Philippines

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 1632 | 548 | - | 3032 | - | 736 | 8787 | 7660 | - | - | 22396 |
| Imports | 4697 | 10348 | 5792 | - | - | - | - | 2 | - | - | 20839 |
| Exports | - | -523 | -1680 | - | - | - | - | - | - | - | -2203 |
| Intl. marine bunkers | - | - | -233 | - | - | - | - | - | - | - | -233 |
| Intl. aviation bunkers | - | - | -1081 | - | - | - | - | - | - | - | -1081 |
| Stock changes | - | 325 | -63 | - | - | - | - | - | - | - | 262 |
| TPES | 6329 | 10699 | 2735 | 3032 | - | 736 | 8787 | 7662 | - | - | 39980 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | 149 | -168 | 160 | -19 | - | - | - | 1 | - | - | 123 |
| Electricity plants | -4373 | - | -1056 | -2743 | - | -736 | -8787 | - | 5127 | - | -12568 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -10035 | 9905 | - | - | - | - | - | - | - | -130 |
| Coal transformation | -33 | - | - | - | - | - | - | - | - | - | -33 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | -2072 | - | - | -2072 |
| Own use | -483 | -496 | -261 | -193 | - | - | - | - | -343 | - | -1777 |
| Distribution losses | - | - | - | - | - | - | - | - | -654 | - | -654 |
| TFC | 1589 | - | 11483 | 77 | - | - | - | 5592 | 4129 | - | 22870 |
| INDUSTRY SECTOR | 1389 | - | 1220 | 77 | - | - | - | 1306 | 1396 | - | 5389 |
| Iron and steel | 30 | - | 183 | - | - | - | - | 1 | 103 | - | 316 |
| Chemical and petrochemical | 25 | - | 166 | - | - | - | - | - | 171 | - | 362 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 1300 | - | 234 | - | - | - | - | - | 214 | - | 1748 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | 70 | - | - | - | - | 1 | 329 | - | 399 |
| Mining and quarrying | - | - | 25 | - | - | - | - | - | 18 | - | 43 |
| Food and tobacco | 26 | - | 382 | - | - | - | - | 1287 | 350 | - | 2046 |
| Paper pulp and printing | 7 | - | 30 | - | - | - | - | - | 65 | - | 102 |
| Wood and wood products | - | - | 9 | - | - | - | - | - | 10 | - | 19 |
| Construction | - | - | 62 | - | - | - | - | 1 | 27 | - | 89 |
| Textile and leather | - | - | 47 | - | - | - | - | - | 92 | - | 139 |
| Non-specified | 1 | - | 12 | 77 | - | - | - | 16 | 19 | - | 125 |
| TRANSPORT SECTOR | - | - | 8630 | - | - | - | - | 28 | 9 | - | 8668 |
| Domestic aviation | - | - | 46 | - | - | - | - | - | - | - | 46 |
| Road | - | - | 7983 | - | - | - | - | 28 | - | - | 8011 |
| Rail | - | - | - | - | - | - | - | - | 9 | - | 9 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 601 | - | - | - | - | - | - | - | 601 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 1503 | - | - | - | - | 4257 | 2723 | - | 8483 |
| Residential | - | - | 961 | - | - | - | - | 3954 | 1408 | - | 6324 |
| Comm. and publ. services | - | - | 426 | - | - | - | - | 303 | 1272 | - | 2001 |
| Agriculture/forestry | - | - | 36 | - | - | - | - | - | 42 | - | 78 |
| Fishing | - | - | 80 | - | - | - | - | - | - | - | 80 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | 200 | - | 130 | - | - | - | - | - | - | - | 330 |
| in industry/transf./energy | 200 | - | 130 | - | - | - | - | - | - | - | 330 |
| of which: feedstocks | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 16837 | - | 4495 | 19442 | - | 8563 | 10274 | - | - | - | 59611 |
| Electricity plants | 16837 | - | 4495 | 19442 | - | 8563 | 10274 | - | - | - | 59611 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |

Qatar

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-------------|-------------|--------------------|--------------|---------|-------|----------------------|-------------------------|-------------|------|--------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | - | 47942 | - | 44435 | - | - | - | - | - | - | 92377 |
| Imports | - | - | 56 | - | - | - | - | 1 | - | - | 57 |
| Exports | - | -40195 | -3174 | -30104 | - | - | - | - | - | - | -73473 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -623 | - | - | - | - | - | - | - | -623 |
| Stock changes | - | 42 | 16 | - | - | - | - | - | - | - | 58 |
| TPES | - | 7788 | -3725 | 14332 | - | - | - | 1 | - | - | 18396 |
| Electricity and CHP plants | - | - | - | -4103 | - | - | - | - | 1318 | - | -2785 |
| Petroleum refineries | - | -6478 | 6532 | - | - | - | - | - | - | - | 54 |
| Other transformation* | - | -1310 | 1503 | -5263 | - | - | - | - | -226 | - | -5297 |
| TFC | - | - | 4309 | 4965 | - | - | - | 1 | 1092 | - | 10367 |
| INDUSTRY SECTOR | - | - | 556 | 2964 | - | - | - | - | 321 | - | 3840 |
| Iron and steel | - | - | - | 240 | - | - | - | - | 321 | - | 560 |
| Chemical and petrochemical | - | - | - | 2626 | - | - | - | - | - | - | 2626 |
| Non-metallic minerals | - | - | - | 98 | - | - | - | - | - | - | 98 |
| Other/non-specified | - | - | 556 | - | - | - | - | - | - | - | 556 |
| TRANSPORT SECTOR | - | - | 1875 | - | - | - | - | - | - | - | 1875 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1875 | - | - | - | - | - | - | - | 1875 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 73 | - | - | - | - | 1 | 772 | - | 846 |
| Residential | - | - | 73 | - | - | - | - | 1 | 306 | - | 380 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 230 | - | 230 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | 235 | - | 235 |
| NON-ENERGY USE | - | - | 1804 | 2001 | - | - | - | - | - | - | 3806 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | - | 15325 | - | - | - | - | - | - | 15325 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|-------------------------------------|------------------|--------------|---------------------|--------------|-----------|-------|------------------------|----------------------|-------------|---------|--------------|
| Production | - | 49462 | - | 53532 | - | - | - | - | - | - | 102994 |
| Imports | - | - | 208 | - | - | - | - | 1 | - | - | 209 |
| Exports | - | -40273 | -2987 | -36936 | - | - | - | - | - | - | -80196 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -790 | - | - | - | - | - | - | - | -790 |
| Stock changes | - | - | -30 | - | - | - | - | - | - | - | -30 |
| TPES | - | 9189 | -3599 | 16596 | - | - | - | 1 | - | - | 22187 |
| Electricity and CHP plants | - | - | - | -4287 | - | - | - | - | 1383 | - | -2905 |
| Petroleum refineries | - | -7386 | 7362 | - | - | - | - | - | - | - | -24 |
| Other transformation* | - | -1803 | 1293 | -6554 | - | - | - | - | -252 | - | -7316 |
| TFC | - | - | 5057 | 5754 | - | - | - | 1 | 1130 | - | 11942 |
| INDUSTRY SECTOR | - | - | 1193 | 3327 | - | - | - | - | 386 | - | 4906 |
| Iron and steel | - | - | - | 269 | - | - | - | - | 386 | - | 655 |
| Chemical and petrochemical | - | - | - | 2947 | - | - | - | - | - | - | 2947 |
| Non-metallic minerals | - | - | - | 111 | - | - | - | - | - | - | 111 |
| Other/non-specified | - | - | 1193 | - | - | - | - | - | - | - | 1193 |
| TRANSPORT SECTOR | - | - | 1959 | - | - | - | - | - | - | - | 1959 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1959 | - | - | - | - | - | - | - | 1959 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 73 | - | - | - | - | 1 | 744 | - | 818 |
| Residential | - | - | 73 | - | - | - | - | 1 | 343 | - | 417 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 259 | - | 259 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | 143 | - | 143 |
| NON-ENERGY USE | - | - | 1831 | 2427 | - | - | - | - | - | - | 4259 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | - | 16079 | - | - | - | - | - | - | 16079 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

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Figure 1. Energy production

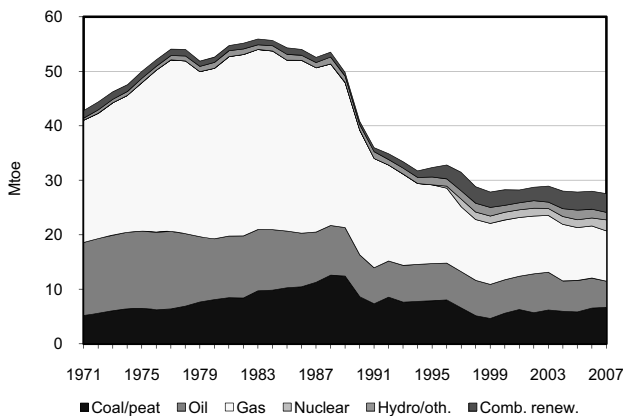


Figure 2. Total primary energy supply*

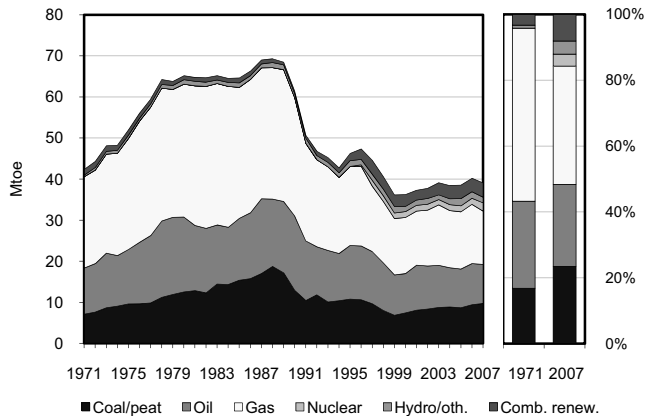


Figure 3. Energy self-sufficiency**

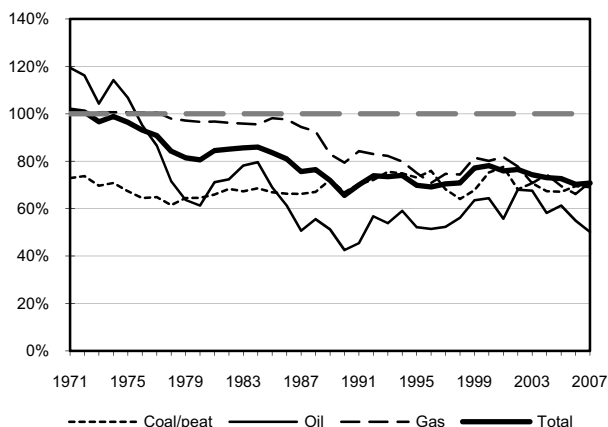


Figure 4. Oil products demand***

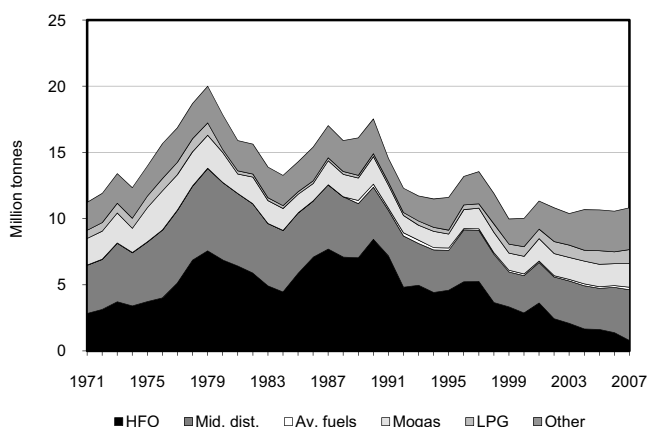


Figure 5. Electricity generation by fuel

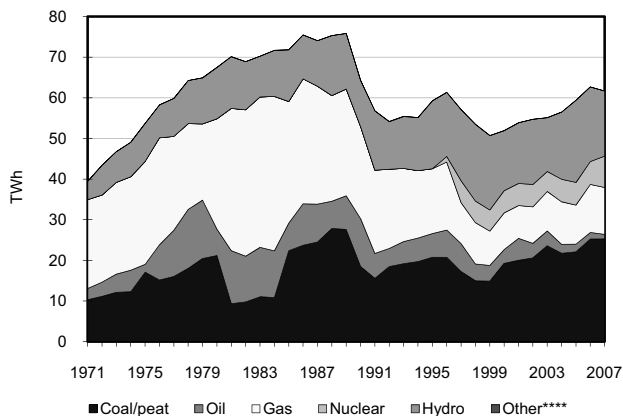
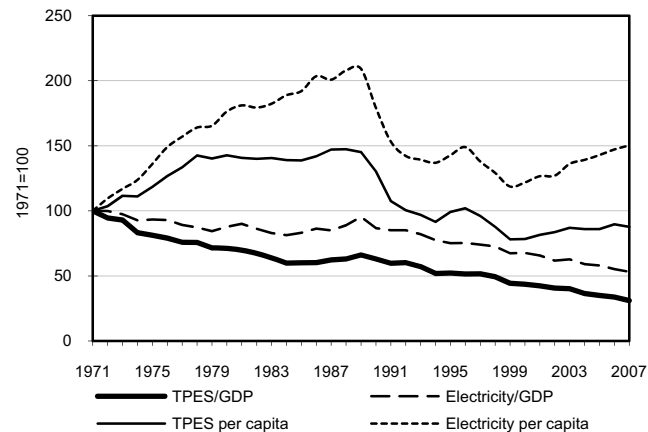


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Romania / Roumanie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 6555 | 5504 | - | 9556 | 1468 | 1579 | 18 | 3315 | - | - | 27994 |
| Imports | 2583 | 8425 | 1323 | 4790 | - | - | - | - | 85 | - | 17204 |
| Exports | -14 | - | -5393 | - | - | - | - | - | -453 | - | -5860 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -137 | - | - | - | - | - | - | - | -137 |
| Stock changes | 314 | 77 | 212 | 88 | - | - | - | -50 | - | - | 641 |
| TPES | 9437 | 14006 | -3995 | 14434 | 1468 | 1579 | 18 | 3265 | -367 | - | 39843 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | -22 | -188 | -285 | -84 | - | - | - | -52 | - | - | -631 |
| Electricity plants | -4356 | - | -60 | -1141 | -1468 | -1579 | - | - | 3964 | - | -4640 |
| CHP plants | -2464 | - | -524 | -2511 | - | - | - | -4 | 1428 | 2380 | -1696 |
| Heat plants | -10 | - | -190 | -544 | - | - | -4 | -82 | - | 568 | -263 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -13996 | 14676 | - | - | - | - | - | - | - | 680 |
| Coal transformation | -1135 | - | - | - | - | - | - | - | - | - | -1135 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | 265 | -197 | - | - | - | - | - | - | - | 68 |
| Own use | -260 | -12 | -1497 | -829 | - | - | - | -37 | -936 | -380 | -3949 |
| Distribution losses | -53 | -75 | -43 | -881 | - | - | - | - | -566 | -575 | -2193 |
| TFC | 1138 | - | 7885 | 8444 | - | - | 13 | 3089 | 3523 | 1993 | 26085 |
| INDUSTRY SECTOR | 1119 | - | 1175 | 3516 | - | - | 1 | 338 | 2088 | 343 | 8578 |
| Iron and steel | 946 | - | 239 | 631 | - | - | - | 6 | 731 | 4 | 2556 |
| Chemical and petrochemical | 128 | - | 234 | 1293 | - | - | - | 38 | 372 | 174 | 2238 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 38 | - | 87 | 488 | - | - | - | 10 | 270 | 10 | 903 |
| Transport equipment | - | - | - | 89 | - | - | - | - | 72 | 4 | 165 |
| Machinery | 4 | - | 44 | 262 | - | - | - | 14 | 145 | 36 | 505 |
| Mining and quarrying | - | - | 30 | 4 | - | - | - | - | 29 | - | 64 |
| Food and tobacco | 1 | - | 99 | 276 | - | - | - | 23 | 122 | 45 | 566 |
| Paper pulp and printing | - | - | 9 | 89 | - | - | - | 95 | 56 | 2 | 251 |
| Wood and wood products | - | - | 22 | 38 | - | - | - | 90 | 63 | 29 | 243 |
| Construction | 1 | - | 395 | 128 | - | - | - | 5 | 70 | 14 | 614 |
| Textile and leather | - | - | 17 | 163 | - | - | - | - | 71 | 14 | 266 |
| Non-specified | - | - | - | 55 | - | - | - | 56 | 87 | 9 | 207 |
| TRANSPORT SECTOR | - | - | 4113 | 31 | - | - | - | 1 | 116 | - | 4261 |
| Domestic aviation | - | - | 2 | - | - | - | - | - | - | - | 2 |
| Road | - | - | 3998 | - | - | - | - | - | - | - | 3998 |
| Rail | - | - | 72 | - | - | - | - | 1 | 74 | - | 147 |
| Pipeline transport | - | - | - | 31 | - | - | - | - | 4 | - | 35 |
| Domestic navigation | - | - | 41 | - | - | - | - | - | - | - | 41 |
| Non-specified | - | - | - | - | - | - | - | - | 38 | - | 38 |
| OTHER SECTORS | 19 | - | 917 | 4172 | - | - | 13 | 2751 | 1319 | 1650 | 10841 |
| Residential | 10 | - | 452 | 2547 | - | - | 6 | 2570 | 860 | 1392 | 7838 |
| Comm. and publ. services | - | - | 144 | 1596 | - | - | 7 | - | 421 | 237 | 2405 |
| Agriculture/forestry | 6 | - | 159 | 30 | - | - | - | 6 | 38 | 20 | 260 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 3 | - | 162 | - | - | - | - | 174 | - | - | 339 |
| NON-ENERGY USE | - | - | 1680 | 726 | - | - | - | - | - | - | 2406 |
| in industry/transf./energy | - | - | 1610 | 726 | - | - | - | - | - | - | 2336 |
| <i>of which: feedstocks</i> | - | - | 684 | 726 | - | - | - | - | - | - | 1410 |
| in transport | - | - | 30 | - | - | - | - | - | - | - | 30 |
| in other sectors | - | - | 40 | - | - | - | - | - | - | - | 40 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 25268 | - | 1606 | 11831 | 5632 | 18356 | - | 4 | - | - | 62697 |
| <i>Electricity plants</i> | 16562 | - | 399 | 5140 | 5632 | 18356 | - | 2 | - | - | 46091 |
| <i>CHP plants</i> | 8706 | - | 1207 | 6691 | - | - | - | 2 | - | - | 16606 |
| Heat generated - TJ | 31682 | - | 17752 | 71323 | - | - | 184 | 2495 | - | - | 123436 |
| <i>CHP plants</i> | 31287 | - | 11242 | 56962 | - | - | 16 | 155 | - | - | 99662 |
| <i>Heat plants</i> | 395 | - | 6510 | 14361 | - | - | 168 | 2340 | - | - | 23774 |

Romania / Roumanie

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 6712 | 4777 | - | 9230 | 2009 | 1373 | 20 | 3431 | - | - | 27552 |
| Imports | 3255 | 8285 | 1315 | 3864 | - | - | - | 69 | 109 | - | 16895 |
| Exports | -41 | - | -4471 | - | - | - | - | - | -289 | - | -4801 |
| Intl. marine bunkers | - | - | -35 | - | - | - | - | - | - | - | -35 |
| Intl. aviation bunkers | - | - | -109 | - | - | - | - | - | - | - | -109 |
| Stock changes | -207 | -60 | -173 | -116 | - | - | - | -38 | - | - | -595 |
| TPES | 9718 | 13002 | -3474 | 12978 | 2009 | 1373 | 20 | 3461 | -180 | - | 38908 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | -401 | 1 | 117 | -248 | - | - | - | -122 | - | - | -652 |
| Electricity plants | -4032 | - | -57 | -1133 | -2009 | -1373 | - | - | 3822 | - | -4783 |
| CHP plants | -2782 | - | -330 | -2416 | - | - | - | -5 | 1481 | 2147 | -1904 |
| Heat plants | -16 | - | -49 | -553 | - | - | -4 | -24 | - | 488 | -158 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -13490 | 14092 | - | - | - | - | - | - | - | 603 |
| Coal transformation | -1140 | - | - | - | - | - | - | - | - | - | -1140 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | 536 | -301 | - | - | - | - | - | - | - | 235 |
| Own use | -248 | -1 | -1355 | -772 | - | - | - | -6 | -1020 | -335 | -3738 |
| Distribution losses | -78 | -5 | -42 | -468 | - | - | - | -1 | -581 | -503 | -1678 |
| TFC | 1020 | 43 | 8600 | 7388 | - | - | 15 | 3303 | 3524 | 1798 | 25691 |
| INDUSTRY SECTOR | 995 | 43 | 1086 | 3330 | - | - | 1 | 389 | 1964 | 308 | 8116 |
| Iron and steel | 838 | - | 22 | 703 | - | - | - | 5 | 716 | 1 | 2285 |
| Chemical and petrochemical | 109 | 43 | 294 | 1151 | - | - | - | 30 | 321 | 174 | 2122 |
| Non-ferrous metals | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Non-metallic minerals | 43 | - | 16 | 379 | - | - | - | 21 | 189 | 14 | 661 |
| Transport equipment | - | - | 9 | 82 | - | - | - | - | 79 | 15 | 185 |
| Machinery | 3 | - | 31 | 260 | - | - | - | 3 | 154 | 22 | 473 |
| Mining and quarrying | - | - | 19 | 8 | - | - | - | - | 12 | 2 | 42 |
| Food and tobacco | 1 | - | 182 | 341 | - | - | - | 20 | 122 | 29 | 696 |
| Paper pulp and printing | - | - | 24 | 93 | - | - | - | 78 | 53 | 3 | 251 |
| Wood and wood products | - | - | 53 | 28 | - | - | - | 170 | 56 | 9 | 317 |
| Construction | - | - | 367 | 95 | - | - | - | 3 | 80 | 9 | 554 |
| Textile and leather | - | - | 41 | 166 | - | - | - | 1 | 73 | 16 | 297 |
| Non-specified | - | - | 27 | 24 | - | - | - | 58 | 108 | 14 | 231 |
| TRANSPORT SECTOR | - | - | 4369 | 38 | - | - | - | 52 | 126 | - | 4584 |
| Domestic aviation | - | - | 95 | - | - | - | - | - | - | - | 95 |
| Road | - | - | 4006 | - | - | - | - | 52 | - | - | 4058 |
| Rail | - | - | 183 | - | - | - | - | - | 80 | - | 263 |
| Pipeline transport | - | - | - | 38 | - | - | - | - | 4 | - | 42 |
| Domestic navigation | - | - | 85 | - | - | - | - | - | - | - | 85 |
| Non-specified | - | - | - | - | - | - | - | - | 42 | - | 42 |
| OTHER SECTORS | 16 | - | 1242 | 3172 | - | - | 14 | 2862 | 1434 | 1490 | 10230 |
| Residential | 9 | - | 591 | 2067 | - | - | 7 | 2681 | 893 | 1255 | 7504 |
| Comm. and publ. services | - | - | 217 | 1080 | - | - | 7 | - | 492 | 217 | 2014 |
| Agriculture/forestry | 5 | - | 126 | 25 | - | - | - | 37 | 48 | 18 | 260 |
| Fishing | - | - | 3 | - | - | - | - | - | - | - | 3 |
| Non-specified | 1 | - | 304 | - | - | - | - | 144 | - | - | 450 |
| NON-ENERGY USE | 10 | - | 1904 | 847 | - | - | - | - | - | - | 2761 |
| in industry/transf./energy | 10 | - | 1854 | 847 | - | - | - | - | - | - | 2711 |
| <i>of which: feedstocks</i> | - | - | 733 | 847 | - | - | - | - | - | - | 1580 |
| in transport | - | - | 33 | - | - | - | - | - | - | - | 33 |
| in other sectors | - | - | 17 | - | - | - | - | - | - | - | 17 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 25305 | - | 1096 | 11559 | 7709 | 15966 | 3 | 35 | - | - | 61673 |
| <i>Electricity plants</i> | 15399 | - | 360 | 5010 | 7709 | 15966 | 3 | - | - | - | 44447 |
| <i>CHP plants</i> | 9906 | - | 736 | 6549 | - | - | - | 35 | - | - | 17226 |
| Heat generated - TJ | 28866 | - | 8238 | 72196 | - | - | 203 | 863 | - | - | 110366 |
| <i>CHP plants</i> | 28289 | - | 6697 | 54877 | - | - | 18 | 40 | - | - | 89921 |
| <i>Heat plants</i> | 577 | - | 1541 | 17319 | - | - | 185 | 823 | - | - | 20445 |

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Figure 1. Energy production

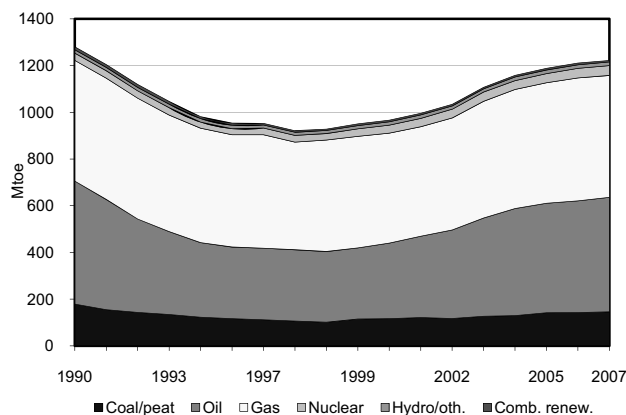


Figure 2. Total primary energy supply*

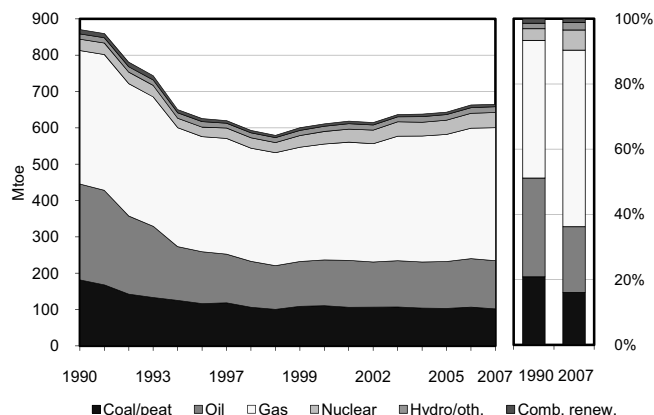


Figure 3. Energy self-sufficiency**

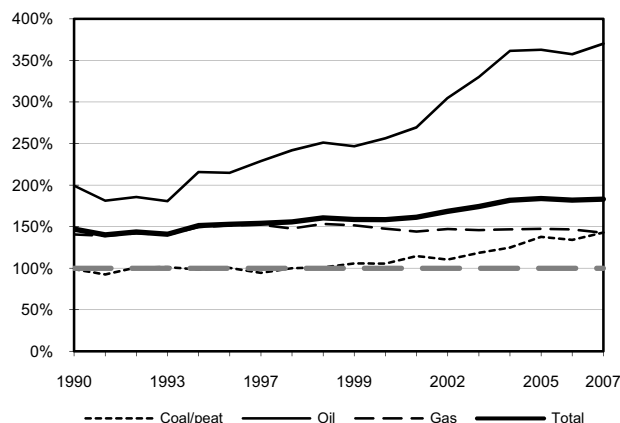


Figure 4. Oil products demand***

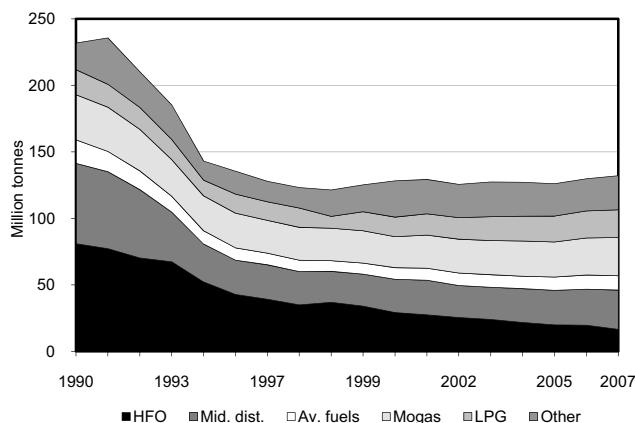


Figure 5. Electricity generation by fuel

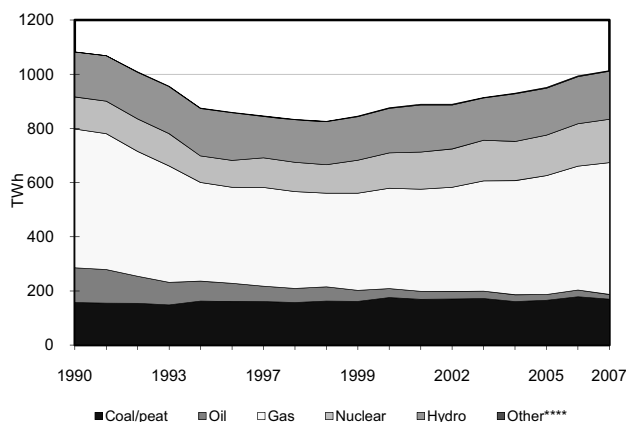
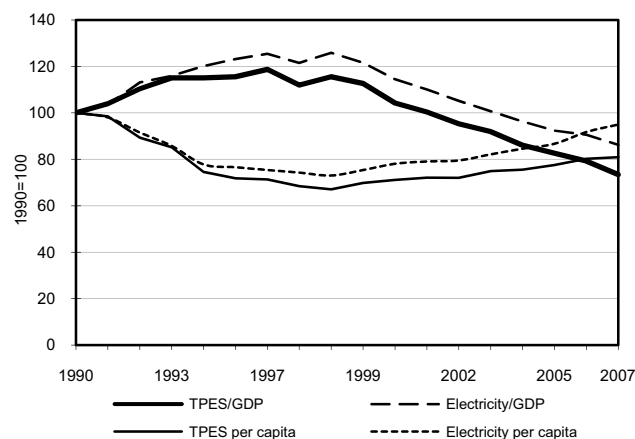


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international marine bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Russian Federation / Fédération de Russie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|----------------|------------------|---------------|-------------------------------|---------------------------------|--------------------|----------------|----------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 143251 | 478130 | - | 525724 | 41116 | 14908 | 398 | 7380 | - | 9068 | 1219975 |
| Imports | 14203 | 2332 | 44 | 5814 | - | - | - | - | 440 | - | 22833 |
| Exports | -51308 | -249685 | -87319 | -163842 | - | - | - | - | -1800 | - | -553954 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -5444 | - | - | - | - | - | - | - | -5444 |
| Stock changes | 592 | -2149 | -2112 | -9091 | - | - | - | 102 | - | - | -12658 |
| TPES | 106737 | 228628 | -94831 | 358605 | 41116 | 14908 | 398 | 7482 | -1360 | 9068 | 670752 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | 5 | - | - | - | - | - | - | - | - | - | 5 |
| Electricity plants | - | - | -492 | -1860 | -40768 | -14908 | -398 | - | 28900 | - | -29528 |
| CHP plants | -65624 | -21 | -8037 | -145607 | -347 | - | - | -1865 | 56573 | 67144 | -97785 |
| Heat plants | -16044 | -758 | -7456 | -62185 | - | - | - | -2469 | - | 77336 | -11576 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -224974 | 219843 | - | - | - | - | - | - | - | -5131 |
| Coal transformation | -7624 | - | - | - | - | - | - | - | - | - | -7624 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | -734 | -1648 | - | - | - | -378 | - | - | -2760 |
| Own use | -1181 | -304 | -12680 | -11075 | - | - | - | -342 | -16259 | -20454 | -62294 |
| Distribution losses | - | -2512 | - | -5573 | - | - | - | - | -9253 | -10433 | -27771 |
| TFC | 16270 | 59 | 95612 | 130658 | - | - | - | 2427 | 58600 | 122661 | 426288 |
| INDUSTRY SECTOR | 10319 | 5 | 10868 | 31585 | - | - | - | 363 | 30406 | 47219 | 130765 |
| Iron and steel | 8485 | 1 | 900 | 13715 | - | - | - | 135 | 5217 | 8081 | 36533 |
| Chemical and petrochemical | 365 | - | 6125 | 2713 | - | - | - | 6 | 3756 | 13618 | 26582 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | 8512 | - | 8512 |
| Non-metallic minerals | 847 | - | 196 | 9847 | - | - | - | 6 | 1522 | 2138 | 14557 |
| Transport equipment | 44 | - | 104 | 762 | - | - | - | - | 1335 | 2309 | 4553 |
| Machinery | 101 | - | 89 | 654 | - | - | - | 1 | 1837 | 2845 | 5528 |
| Mining and quarrying | 261 | - | 797 | 1232 | - | - | - | 7 | 2209 | 1897 | 6402 |
| Food and tobacco | 161 | 2 | 322 | 907 | - | - | - | 47 | 1402 | 5304 | 8145 |
| Paper pulp and printing | 3 | - | 202 | 124 | - | - | - | 7 | 1560 | 4676 | 6572 |
| Wood and wood products | 6 | - | 106 | 193 | - | - | - | 141 | 335 | 1200 | 1981 |
| Construction | 28 | 2 | 939 | 1311 | - | - | - | 7 | 901 | 983 | 4170 |
| Textile and leather | 8 | - | 7 | 53 | - | - | - | 2 | 312 | 876 | 1259 |
| Non-specified | 11 | - | 1081 | 74 | - | - | - | 5 | 1509 | 3292 | 5971 |
| TRANSPORT SECTOR | - | 12 | 50574 | 33558 | - | - | - | - | 7385 | - | 91529 |
| Domestic aviation | - | - | 5483 | - | - | - | - | - | - | - | 5483 |
| Road | - | - | 40934 | 31 | - | - | - | - | - | - | 40965 |
| Rail | - | - | 2457 | - | - | - | - | - | 3946 | - | 6402 |
| Pipeline transport | - | 12 | 102 | 33527 | - | - | - | - | 2308 | - | 35949 |
| Domestic navigation | - | - | 1197 | - | - | - | - | - | - | - | 1197 |
| Non-specified | - | - | 402 | - | - | - | - | - | 1132 | - | 1533 |
| OTHER SECTORS | 5387 | 42 | 12001 | 43816 | - | - | - | 2064 | 20809 | 75443 | 159562 |
| Residential | 3079 | - | 6459 | 39554 | - | - | - | 1245 | 9677 | 54876 | 114890 |
| Comm. and publ. services | 2172 | 34 | 955 | 3775 | - | - | - | 578 | 9666 | 17437 | 34617 |
| Agriculture/forestry | 134 | 8 | 4123 | 487 | - | - | - | 240 | 1442 | 3118 | 9552 |
| Fishing | 3 | - | 464 | - | - | - | - | 1 | 24 | 12 | 503 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | 564 | - | 22169 | 21699 | - | - | - | - | - | - | 44433 |
| in industry/transf./energy | 564 | - | 22169 | 21699 | - | - | - | - | - | - | 44433 |
| <i>of which: feedstocks</i> | - | - | 14507 | 21699 | - | - | - | - | - | - | 36207 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 178749 | - | 24370 | 457749 | 156436 | 173353 | 468 | 2740 | - | - | 993865 |
| <i>Electricity plants</i> | - | - | 1210 | 4577 | 156436 | 173353 | 468 | - | - | - | 336044 |
| <i>CHP plants</i> | 178749 | - | 23160 | 453172 | - | - | - | 2740 | - | - | 657821 |
| Heat generated - TJ | 1328347 | - | 426475 | 4153026 | 14550 | - | - | 127842 | - | 379730 | 6429970 |
| <i>CHP plants</i> | 790104 | - | 118816 | 1851728 | 14550 | - | - | 36516 | - | - | 2811714 |
| <i>Heat plants</i> | 538243 | - | 307659 | 2301298 | - | - | - | 91326 | - | 379730 | 3618256 |

Russian Federation / Fédération de Russie

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|----------------|------------------|---------------|-------------------------------|---------------------------------|--------------------|----------------|----------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 146159 | 490038 | - | 521848 | 42059 | 15226 | 418 | 6581 | - | 8302 | 1230631 |
| Imports | 13002 | 2706 | 37 | 5987 | - | - | - | - | 488 | - | 22220 |
| Exports | -55893 | -259870 | -94309 | -154963 | - | - | - | - | -1588 | - | -566624 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -5494 | - | - | - | - | - | - | - | -5494 |
| Stock changes | -1064 | -697 | -19 | -6912 | - | - | - | 97 | - | - | -8595 |
| TPES | 102204 | 232177 | -99785 | 365960 | 42059 | 15226 | 418 | 6678 | -1101 | 8302 | 672139 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | - | - | - | - | - | - | - | - | - | - | - |
| Electricity plants | - | - | -458 | -2182 | -41707 | -15226 | -418 | - | 29637 | - | -30354 |
| CHP plants | -60417 | -11 | -5685 | -151170 | -352 | - | - | -1275 | 57515 | 64190 | -97206 |
| Heat plants | -15351 | -701 | -7118 | -60650 | - | - | - | -2516 | - | 74257 | -12079 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -228310 | 227224 | - | - | - | - | - | - | - | -1086 |
| Coal transformation | -7672 | - | - | - | - | - | - | - | - | - | -7672 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | -608 | -1418 | - | - | - | - | - | - | -2026 |
| Own use | -1252 | -589 | -14082 | -13990 | - | - | - | -100 | -16753 | -17887 | -64653 |
| Distribution losses | - | -2526 | - | -5415 | - | - | - | - | -9018 | -10273 | -27231 |
| TFC | 17513 | 40 | 99489 | 131134 | - | - | - | 2786 | 60281 | 118589 | 429833 |
| INDUSTRY SECTOR | 12894 | 12 | 12520 | 26841 | - | - | - | 371 | 30339 | 44586 | 127563 |
| Iron and steel | 10902 | 1 | 869 | 12636 | - | - | - | 117 | 5475 | 7979 | 37979 |
| Chemical and petrochemical | 517 | - | 7646 | 1440 | - | - | - | 6 | 3832 | 13068 | 26508 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | 8933 | - | 8933 |
| Non-metallic minerals | 993 | - | 204 | 9112 | - | - | - | - | 1711 | 2079 | 14099 |
| Transport equipment | 33 | 1 | 80 | 430 | - | - | - | - | 1383 | 2189 | 4116 |
| Machinery | 64 | - | 128 | 623 | - | - | - | 1 | 1945 | 3018 | 5780 |
| Mining and quarrying | 217 | - | 1229 | 817 | - | - | - | 8 | 2227 | 1496 | 5994 |
| Food and tobacco | 94 | 7 | 239 | 473 | - | - | - | 10 | 1436 | 5125 | 7384 |
| Paper pulp and printing | - | - | 132 | 215 | - | - | - | 34 | 1592 | 4336 | 6309 |
| Wood and wood products | 1 | - | 102 | 129 | - | - | - | 99 | 369 | 1076 | 1775 |
| Construction | 56 | 2 | 1020 | 860 | - | - | - | 4 | 986 | 1029 | 3957 |
| Textile and leather | 1 | 1 | 8 | 21 | - | - | - | 1 | 300 | 667 | 999 |
| Non-specified | 15 | - | 864 | 86 | - | - | - | 92 | 148 | 2524 | 3730 |
| TRANSPORT SECTOR | - | 8 | 50103 | 34943 | - | - | - | - | 7452 | - | 92505 |
| Domestic aviation | - | - | 5534 | - | - | - | - | - | - | - | 5534 |
| Road | - | - | 40666 | 623 | - | - | - | - | - | - | 41290 |
| Rail | - | - | 2260 | - | - | - | - | - | 3996 | - | 6256 |
| Pipeline transport | - | 8 | 102 | 34320 | - | - | - | - | 2280 | - | 36709 |
| Domestic navigation | - | - | 1110 | - | - | - | - | - | - | - | 1110 |
| Non-specified | - | - | 431 | - | - | - | - | - | 1175 | - | 1606 |
| OTHER SECTORS | 4361 | 20 | 13880 | 45258 | - | - | - | 2415 | 22491 | 74003 | 162427 |
| Residential | 2418 | - | 6814 | 38811 | - | - | - | 1292 | 9970 | 52977 | 112282 |
| Comm. and publ. services | 1855 | - | 2051 | 5501 | - | - | - | 616 | 11106 | 18024 | 39153 |
| Agriculture/forestry | 82 | 20 | 4258 | 946 | - | - | - | 380 | 1391 | 2960 | 10037 |
| Fishing | 7 | - | 757 | - | - | - | - | 1 | 23 | 42 | 830 |
| Non-specified | - | - | - | - | - | - | - | 125 | - | - | 125 |
| NON-ENERGY USE | 259 | - | 22986 | 24093 | - | - | - | - | - | - | 47338 |
| in industry/transf./energy | 259 | - | 22986 | 24093 | - | - | - | - | - | - | 47338 |
| <i>of which: feedstocks</i> | - | - | 14893 | 24093 | - | - | - | - | - | - | 38986 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 169876 | - | 17234 | 486713 | 160039 | 177048 | 492 | 1997 | - | - | 1013399 |
| <i>Electricity plants</i> | - | - | 1218 | 5824 | 160039 | 177048 | 492 | - | - | - | 344621 |
| <i>CHP plants</i> | 169876 | - | 16016 | 480889 | - | - | - | 1997 | - | - | 668778 |
| Heat generated - TJ | 1202009 | - | 383232 | 4080775 | 14746 | - | - | 116841 | - | 347663 | 6145266 |
| <i>CHP plants</i> | 697323 | - | 86265 | 1864884 | 14746 | - | - | 24797 | - | - | 2688015 |
| <i>Heat plants</i> | 504686 | - | 296967 | 2215891 | - | - | - | 92044 | - | 347663 | 3457251 |

Saudi Arabia / Arabie saoudite

Figure 1. Energy production

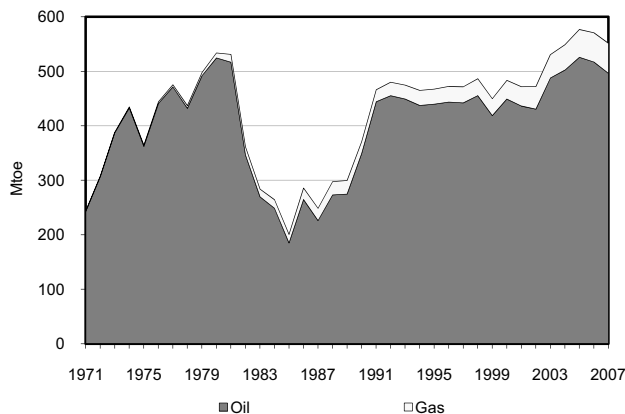


Figure 2. Total primary energy supply*

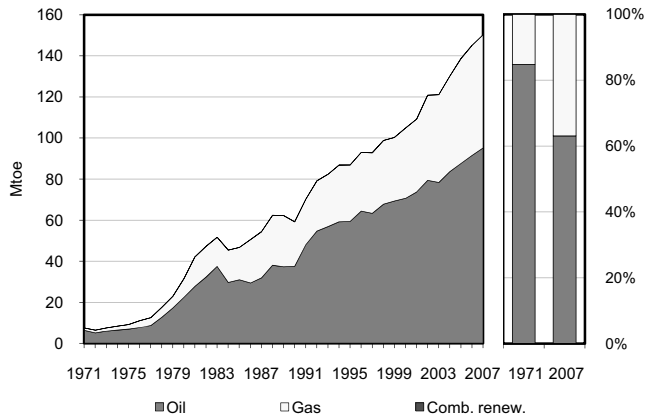


Figure 3. Energy self-sufficiency**

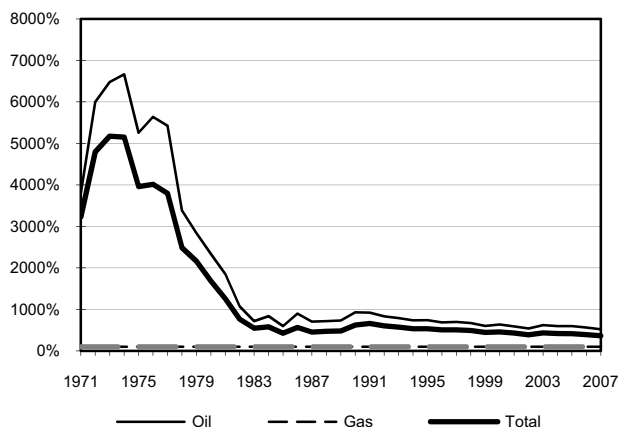


Figure 4. Oil products demand***

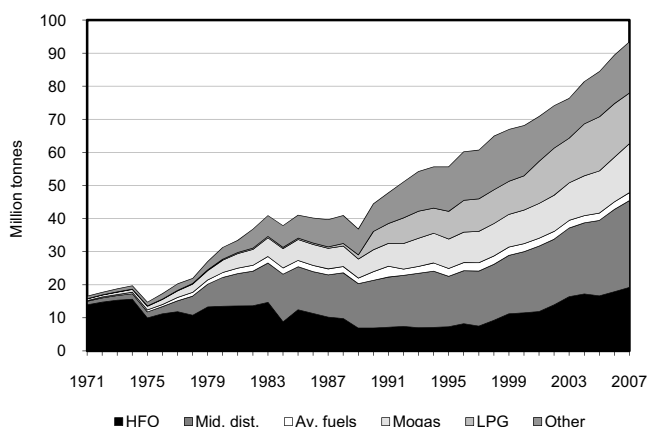


Figure 5. Electricity generation by fuel

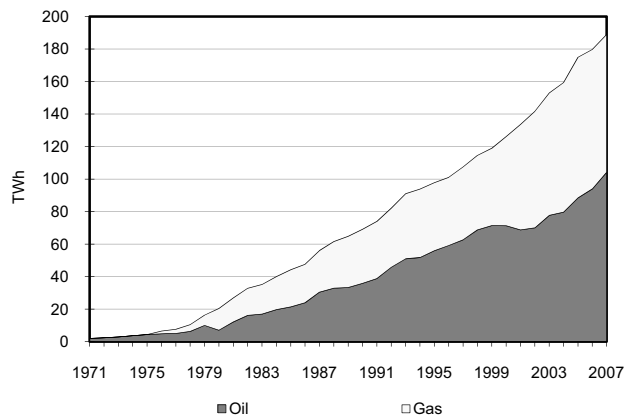
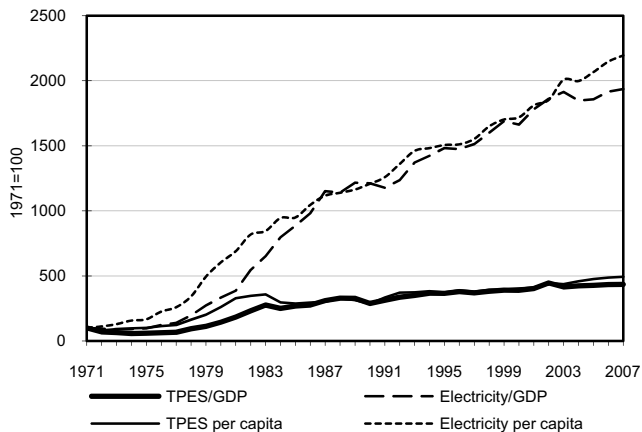


Figure 6. Selected indicators****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** GDP in 2000 US dollars.

Saudi Arabia / Arabie saoudite

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|---------------|--------------------|--------------|---------|-------|----------------------|-------------------------|--------------|------|---------------|
| Production | - | 517089 | - | 53623 | - | - | - | - | - | - | 570712 |
| Imports | - | - | 3781 | - | - | - | - | 4 | - | - | 3786 |
| Exports | - | -363180 | -61846 | - | - | - | - | - | - | - | -425027 |
| Intl. marine bunkers | - | - | -2578 | - | - | - | - | - | - | - | -2578 |
| Intl. aviation bunkers | - | - | -1831 | - | - | - | - | - | - | - | -1831 |
| Stock changes | - | - | 135 | - | - | - | - | - | - | - | 135 |
| TPES | - | 153908 | -62339 | 53623 | - | - | - | 4 | - | - | 145197 |
| Electricity and CHP plants | - | -7503 | -15180 | -28095 | - | - | - | - | 15461 | - | -35318 |
| Petroleum refineries | - | -106175 | 101385 | - | - | - | - | - | - | - | -4789 |
| Other transformation* | - | -39300 | 35627 | -10001 | - | - | - | - | -2934 | - | -16607 |
| TFC | - | 931 | 59493 | 15527 | - | - | - | 4 | 12528 | - | 88483 |
| INDUSTRY SECTOR | - | 931 | 10786 | - | - | - | - | - | 1296 | - | 13013 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | 931 | 10786 | - | - | - | - | - | 1296 | - | 13013 |
| TRANSPORT SECTOR | - | - | 27355 | - | - | - | - | - | - | - | 27355 |
| Domestic aviation | - | - | 610 | - | - | - | - | - | - | - | 610 |
| Road | - | - | 26745 | - | - | - | - | - | - | - | 26745 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 1374 | - | - | - | - | 4 | 11232 | - | 12611 |
| Residential | - | - | 1374 | - | - | - | - | 4 | 7398 | - | 8777 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 3543 | - | 3543 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 291 | - | 291 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 19977 | 15527 | - | - | - | - | - | - | 35504 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 93979 | 85803 | - | - | - | - | - | - | 179782 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|---------------|---------------------|--------------|-----------|-------|------------------------|----------------------|--------------|---------|---------------|
| Production | - | 496202 | - | 55096 | - | - | - | - | - | - | 551299 |
| Imports | - | - | 3846 | - | - | - | - | 4 | - | - | 3850 |
| Exports | - | -344820 | -55084 | - | - | - | - | - | - | - | -399904 |
| Intl. marine bunkers | - | - | -2699 | - | - | - | - | - | - | - | -2699 |
| Intl. aviation bunkers | - | - | -1901 | - | - | - | - | - | - | - | -1901 |
| Stock changes | - | - | -319 | - | - | - | - | - | - | - | -319 |
| TPES | - | 151382 | -56157 | 55096 | - | - | - | 4 | - | - | 150326 |
| Electricity and CHP plants | - | -7943 | -16110 | -27707 | - | - | - | - | 16261 | - | -35499 |
| Petroleum refineries | - | -102800 | 98212 | - | - | - | - | - | - | - | -4588 |
| Other transformation* | - | -39001 | 36062 | -11805 | - | - | - | - | -2786 | - | -17529 |
| TFC | - | 1639 | 62007 | 15584 | - | - | - | 4 | 13475 | - | 92709 |
| INDUSTRY SECTOR | - | 1639 | 11262 | - | - | - | - | - | 1488 | - | 14389 |
| Iron and steel | - | - | - | - | - | - | - | - | 319 | - | 319 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 593 | - | 593 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | 46 | - | 46 |
| Other/non-specified | - | 1639 | 11262 | - | - | - | - | - | 530 | - | 13431 |
| TRANSPORT SECTOR | - | - | 30353 | - | - | - | - | - | - | - | 30353 |
| Domestic aviation | - | - | 634 | - | - | - | - | - | - | - | 634 |
| Road | - | - | 29719 | - | - | - | - | - | - | - | 29719 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 1440 | - | - | - | - | 4 | 11986 | - | 13431 |
| Residential | - | - | 1440 | - | - | - | - | 4 | 7732 | - | 9176 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 3962 | - | 3962 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 272 | - | 272 |
| Other/non-specified | - | - | - | - | - | - | - | - | 20 | - | 20 |
| NON-ENERGY USE | - | - | 18951 | 15584 | - | - | - | - | - | - | 34535 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 104323 | 84753 | - | - | - | - | - | - | 189076 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Senegal / Sénégal

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|------------|--------------------|-----------|----------|-----------|----------------------|-------------------------|-------------|----------|-------------|
| Production | - | - | - | 10 | - | 20 | - | 1193 | - | 7 | 1231 |
| Imports | 103 | 462 | 1712 | - | - | - | - | - | - | - | 2277 |
| Exports | - | - | -277 | - | - | - | - | - | - | - | -277 |
| Intl. marine bunkers | - | - | -79 | - | - | - | - | - | - | - | -79 |
| Intl. aviation bunkers | - | - | -270 | - | - | - | - | - | - | - | -270 |
| Stock changes | - | -124 | -6 | - | - | - | - | - | - | - | -130 |
| TPES | 103 | 338 | 1080 | 10 | - | 20 | - | 1193 | - | 7 | 2753 |
| Electricity and CHP plants | - | - | -571 | -10 | - | -20 | - | -64 | 209 | -7 | -464 |
| Petroleum refineries | - | -338 | 327 | - | - | - | - | - | - | - | -11 |
| Other transformation* | - | - | -88 | - | - | - | - | -448 | -59 | - | -595 |
| TFC | 103 | - | 748 | - | - | - | - | 681 | 151 | - | 1683 |
| INDUSTRY SECTOR | 103 | - | 59 | - | - | - | - | - | 46 | - | 208 |
| Iron and steel | - | - | - | - | - | - | - | - | 2 | - | 2 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 9 | - | 9 |
| Non-metallic minerals | 103 | - | - | - | - | - | - | - | 13 | - | 117 |
| Other/non-specified | - | - | 59 | - | - | - | - | - | 22 | - | 80 |
| TRANSPORT SECTOR | - | - | 507 | - | - | - | - | - | - | - | 507 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 480 | - | - | - | - | - | - | - | 480 |
| Other/non-specified | - | - | 27 | - | - | - | - | - | - | - | 27 |
| OTHER SECTORS | - | - | 158 | - | - | - | - | 681 | 105 | - | 945 |
| Residential | - | - | 156 | - | - | - | - | 681 | 56 | - | 893 |
| Comm. and publ. services | - | - | 2 | - | - | - | - | - | 50 | - | 52 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 23 | - | - | - | - | - | - | - | 23 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 2076 | 47 | - | 234 | 4 | 50 | - | 28 | 2439 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | 305 | 305 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|----------|-----------|-----------|------------------------|----------------------|-------------|----------|-------------|
| Production | - | - | - | 9 | - | 19 | - | 1227 | - | 7 | 1262 |
| Imports | 113 | 792 | 1214 | - | - | - | - | - | - | - | 2120 |
| Exports | - | - | -225 | - | - | - | - | - | - | - | -225 |
| Intl. marine bunkers | - | - | -79 | - | - | - | - | - | - | - | -79 |
| Intl. aviation bunkers | - | - | -330 | - | - | - | - | - | - | - | -330 |
| Stock changes | - | -61 | -13 | - | - | - | - | - | - | - | -74 |
| TPES | 113 | 731 | 567 | 9 | - | 19 | - | 1227 | - | 7 | 2673 |
| Electricity and CHP plants | - | - | -464 | -9 | - | -19 | - | -66 | 173 | -7 | -392 |
| Petroleum refineries | - | -731 | 704 | - | - | - | - | - | - | - | -27 |
| Other transformation* | - | - | -35 | - | - | - | - | -460 | -49 | - | -544 |
| TFC | 113 | - | 771 | - | - | - | - | 701 | 125 | - | 1710 |
| INDUSTRY SECTOR | 113 | - | 58 | - | - | - | - | - | 38 | - | 210 |
| Iron and steel | - | - | - | - | - | - | - | - | 1 | - | 1 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 7 | - | 7 |
| Non-metallic minerals | 113 | - | - | - | - | - | - | - | 11 | - | 124 |
| Other/non-specified | - | - | 58 | - | - | - | - | - | 19 | - | 78 |
| TRANSPORT SECTOR | - | - | 569 | - | - | - | - | - | - | - | 569 |
| Domestic aviation | - | - | 38 | - | - | - | - | - | - | - | 38 |
| Road | - | - | 503 | - | - | - | - | - | - | - | 503 |
| Other/non-specified | - | - | 28 | - | - | - | - | - | - | - | 28 |
| OTHER SECTORS | - | - | 124 | - | - | - | - | 701 | 87 | - | 912 |
| Residential | - | - | 122 | - | - | - | - | 701 | 46 | - | 868 |
| Comm. and publ. services | - | - | 2 | - | - | - | - | - | 41 | - | 43 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 20 | - | - | - | - | - | - | - | 20 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 1675 | 40 | - | 218 | 4 | 51 | - | 28 | 2016 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | 305 | 305 |

* Includes transfers, statistical differences, own use and distribution losses.

Serbia / Serbie

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 6966 | 660 | - | 236 | - | 943 | - | 907 | - | - | 9711 |
| Imports | 948 | 2538 | 1072 | 1755 | - | - | - | - | 737 | - | 7050 |
| Exports | -36 | - | -68 | - | - | - | - | -100 | -806 | - | -1011 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -53 | - | - | - | - | - | - | - | -53 |
| Stock changes | 29 | - | - | - | - | - | - | - | - | - | 29 |
| TPES | 7907 | 3198 | 950 | 1991 | - | 943 | - | 807 | -70 | - | 15727 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | 197 | - | - | - | - | - | - | - | - | - | 197 |
| Electricity plants | -1437 | - | -15 | - | - | -943 | - | - | 1452 | - | -942 |
| CHP plants | -5105 | - | -124 | -101 | - | - | - | - | 1686 | 205 | -3440 |
| Heat plants | -140 | - | -435 | -492 | - | - | - | -6 | - | 870 | -203 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -3198 | 2683 | - | - | - | - | - | - | - | -514 |
| Coal transformation | -304 | - | - | - | - | - | - | - | - | - | -304 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | - | - | - | - | - | - | - | - | -318 | -21 | -339 |
| Distribution losses | -14 | - | - | - | - | - | - | - | -492 | -65 | -572 |
| TFC | 1103 | - | 3061 | 1398 | - | - | - | 801 | 2258 | 988 | 9609 |
| INDUSTRY SECTOR | 555 | - | 1052 | 792 | - | - | - | - | 561 | 501 | 3461 |
| Iron and steel | 366 | - | - | - | - | - | - | - | 105 | 227 | 698 |
| Chemical and petrochemical | 19 | - | 363 | - | - | - | - | - | 88 | 131 | 600 |
| Non-ferrous metals | 52 | - | - | - | - | - | - | - | 36 | 6 | 94 |
| Non-metallic minerals | 86 | - | - | - | - | - | - | - | 63 | 1 | 149 |
| Transport equipment | - | - | - | - | - | - | - | - | 12 | - | 12 |
| Machinery | 1 | - | - | - | - | - | - | - | 45 | 1 | 47 |
| Mining and quarrying | 4 | - | - | - | - | - | - | - | 36 | - | 40 |
| Food and tobacco | 9 | - | - | - | - | - | - | - | 101 | 66 | 176 |
| Paper pulp and printing | 1 | - | - | - | - | - | - | - | 7 | 2 | 11 |
| Wood and wood products | - | - | - | - | - | - | - | - | 5 | 1 | 6 |
| Construction | 1 | - | - | - | - | - | - | - | 16 | - | 18 |
| Textile and leather | 7 | - | - | - | - | - | - | - | 13 | 6 | 25 |
| Non-specified | 8 | - | 689 | 792 | - | - | - | - | 36 | 59 | 1584 |
| TRANSPORT SECTOR | - | - | 1752 | - | - | - | - | - | 22 | - | 1774 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1752 | - | - | - | - | - | - | - | 1752 |
| Rail | - | - | - | - | - | - | - | - | 22 | - | 22 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 548 | - | 118 | 214 | - | - | - | 801 | 1675 | 488 | 3844 |
| Residential | 462 | - | 26 | 214 | - | - | - | 801 | 1209 | 375 | 3088 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 447 | 103 | 550 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 18 | 9 | 28 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 85 | - | 93 | - | - | - | - | - | - | - | 178 |
| NON-ENERGY USE | - | - | 139 | 392 | - | - | - | - | - | - | 530 |
| in industry/transf./energy | - | - | 139 | 392 | - | - | - | - | - | - | 530 |
| <i>of which: feedstocks</i> | - | - | - | 392 | - | - | - | - | - | - | 392 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 25073 | - | 325 | 118 | - | 10965 | - | - | - | - | 36481 |
| <i>Electricity plants</i> | 5874 | - | 43 | - | - | 10965 | - | - | - | - | 16882 |
| <i>CHP plants</i> | 19199 | - | 282 | 118 | - | - | - | - | - | - | 19599 |
| Heat generated - TJ | 9103 | - | 14290 | 21377 | - | - | - | 229 | - | - | 44999 |
| <i>CHP plants</i> | 4534 | - | 1073 | 2962 | - | - | - | - | - | - | 8569 |
| <i>Heat plants</i> | 4569 | - | 13217 | 18415 | - | - | - | 229 | - | - | 36430 |

Serbia / Serbie

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 7074 | 662 | - | 198 | - | 863 | 41 | 913 | - | - | 9751 |
| Imports | 872 | 2653 | 1193 | 1756 | - | - | - | - | 783 | - | 7258 |
| Exports | -92 | - | -229 | - | - | - | - | -100 | -791 | - | -1212 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -48 | - | - | - | - | - | - | - | -48 |
| Stock changes | 16 | 44 | -8 | 5 | - | - | - | - | - | - | 57 |
| TPES | 7870 | 3359 | 907 | 1959 | - | 863 | 41 | 813 | -7 | - | 15806 |
| Transfers | - | 54 | -51 | - | - | - | - | - | - | - | 3 |
| Statistical differences | 245 | 47 | -28 | - | - | - | - | - | - | - | 264 |
| Electricity plants | -6464 | - | -234 | - | - | -863 | - | - | 3083 | - | -4478 |
| CHP plants | -34 | - | -62 | -110 | - | - | - | - | 58 | 178 | 30 |
| Heat plants | -136 | - | -379 | -590 | - | - | -41 | -13 | - | 891 | -268 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -3584 | 3460 | - | - | - | - | - | - | - | -124 |
| Coal transformation | -207 | - | - | - | - | - | - | - | - | - | -207 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | 124 | -128 | - | - | - | - | - | - | - | -4 |
| Own use | - | - | - | -4 | - | - | - | - | -357 | -21 | -383 |
| Distribution losses | -26 | - | - | -11 | - | - | - | - | -496 | -63 | -597 |
| TFC | 1248 | - | 3486 | 1244 | - | - | - | 800 | 2281 | 985 | 10043 |
| INDUSTRY SECTOR | 628 | - | 861 | 920 | - | - | - | - | 581 | 533 | 3522 |
| Iron and steel | 416 | - | - | - | - | - | - | - | 81 | 185 | 682 |
| Chemical and petrochemical | 18 | - | 401 | - | - | - | - | - | 74 | 210 | 704 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | 25 | 6 | 30 |
| Non-metallic minerals | 59 | - | - | - | - | - | - | - | 81 | 4 | 143 |
| Transport equipment | - | - | - | - | - | - | - | - | 12 | 1 | 12 |
| Machinery | 6 | - | - | - | - | - | - | - | 75 | 4 | 86 |
| Mining and quarrying | 3 | - | - | - | - | - | - | - | 30 | - | 33 |
| Food and tobacco | 85 | - | - | - | - | - | - | - | 110 | 53 | 247 |
| Paper pulp and printing | 2 | - | - | - | - | - | - | - | 20 | 10 | 33 |
| Wood and wood products | - | - | - | - | - | - | - | - | 5 | 1 | 6 |
| Construction | 1 | - | 11 | 144 | - | - | - | - | 18 | - | 175 |
| Textile and leather | 7 | - | - | - | - | - | - | - | 20 | 6 | 33 |
| Non-specified | 31 | - | 448 | 776 | - | - | - | - | 30 | 52 | 1336 |
| TRANSPORT SECTOR | - | - | 1826 | - | - | - | - | - | 22 | - | 1849 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1814 | - | - | - | - | - | - | - | 1814 |
| Rail | - | - | - | - | - | - | - | - | 22 | - | 22 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 12 | - | - | - | - | - | - | - | 12 |
| OTHER SECTORS | 594 | - | 552 | 284 | - | - | - | 800 | 1678 | 452 | 4360 |
| Residential | 510 | - | 282 | 82 | - | - | - | 800 | 1198 | 362 | 3233 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 462 | 87 | 549 |
| Agriculture/forestry | 1 | - | 71 | 176 | - | - | - | - | 18 | 3 | 269 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 83 | - | 199 | 27 | - | - | - | - | - | - | 309 |
| NON-ENERGY USE | 26 | - | 247 | 40 | - | - | - | - | - | - | 312 |
| in industry/transf./energy | 26 | - | 247 | 40 | - | - | - | - | - | - | 312 |
| <i>of which: feedstocks</i> | - | - | 22 | 40 | - | - | - | - | - | - | 62 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 25637 | - | 462 | 387 | - | 10037 | - | - | - | - | 36523 |
| <i>Electricity plants</i> | 25574 | - | 226 | 16 | - | 10037 | - | - | - | - | 35853 |
| <i>CHP plants</i> | 63 | - | 236 | 371 | - | - | - | - | - | - | 670 |
| Heat generated - TJ | 7076 | - | 14757 | 20726 | - | - | 1717 | 504 | - | - | 44780 |
| <i>CHP plants</i> | 2584 | - | 1342 | 3524 | - | - | - | - | - | - | 7450 |
| <i>Heat plants</i> | 4492 | - | 13415 | 17202 | - | - | 1717 | 504 | - | - | 37330 |

Singapore / Singapour

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-------------|--------------|--------------------|-------------|---------|-------|----------------------|-------------------------|-------------|------|--------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | - | - | - | - | - | - | - | - | - | - | - |
| Imports | 5 | 53847 | 56614 | 6421 | - | - | - | - | - | - | 116888 |
| Exports | - | -195 | -63482 | - | - | - | - | - | - | - | -63677 |
| Intl. marine bunkers | - | - | -27392 | - | - | - | - | - | - | - | -27392 |
| Intl. aviation bunkers | - | - | -3557 | - | - | - | - | - | - | - | -3557 |
| Stock changes | - | - | 4855 | - | - | - | - | - | - | - | 4855 |
| TPES | 5 | 53653 | -32962 | 6421 | - | - | - | - | - | - | 27116 |
| Electricity and CHP plants | - | - | -1914 | -6421 | - | - | - | - | 3392 | - | -4943 |
| Petroleum refineries | - | -53653 | 48069 | - | - | - | - | - | - | - | -5583 |
| Other transformation* | -5 | - | -3336 | 108 | - | - | - | - | -500 | - | -3733 |
| TFC | - | - | 9857 | 108 | - | - | - | - | 2892 | - | 12857 |
| INDUSTRY SECTOR | - | - | 75 | 63 | - | - | - | - | 1096 | - | 1234 |
| Iron and steel | - | - | - | - | - | - | - | - | 125 | - | 125 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 75 | - | 75 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 75 | 63 | - | - | - | - | 896 | - | 1034 |
| TRANSPORT SECTOR | - | - | 2273 | - | - | - | - | - | 32 | - | 2305 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 2273 | - | - | - | - | - | - | - | 2273 |
| Other/non-specified | - | - | - | - | - | - | - | - | 32 | - | 32 |
| OTHER SECTORS | - | - | 40 | 46 | - | - | - | - | 1763 | - | 1848 |
| Residential | - | - | 40 | 46 | - | - | - | - | 582 | - | 667 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 1178 | - | 1178 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 4 | - | 4 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 7469 | - | - | - | - | - | - | - | 7469 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 8677 | 30765 | - | - | - | - | - | - | 39442 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|-------------------------------------|------------------|--------------|---------------------|-------------|-----------|-------|------------------------|----------------------|-------------|---------|--------------|
| Production | - | - | - | - | - | - | - | - | - | - | - |
| Imports | 8 | 52317 | 62954 | 6757 | - | - | - | - | - | - | 122036 |
| Exports | - | -96 | -67906 | - | - | - | - | - | - | - | -68002 |
| Intl. marine bunkers | - | - | -30402 | - | - | - | - | - | - | - | -30402 |
| Intl. aviation bunkers | - | - | -3721 | - | - | - | - | - | - | - | -3721 |
| Stock changes | - | - | 6842 | - | - | - | - | - | - | - | 6842 |
| TPES | 8 | 52222 | -32232 | 6757 | - | - | - | - | - | - | 26754 |
| Electricity and CHP plants | - | - | -1933 | -6757 | - | - | - | - | 3538 | - | -5152 |
| Petroleum refineries | - | -52222 | 47719 | - | - | - | - | - | - | - | -4503 |
| Other transformation* | -8 | - | -3443 | 110 | - | - | - | - | -512 | - | -3852 |
| TFC | - | - | 10111 | 110 | - | - | - | - | 3026 | - | 13247 |
| INDUSTRY SECTOR | - | - | 80 | 64 | - | - | - | - | 1151 | - | 1295 |
| Iron and steel | - | - | - | - | - | - | - | - | 131 | - | 131 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 79 | - | 79 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 80 | 64 | - | - | - | - | 941 | - | 1085 |
| TRANSPORT SECTOR | - | - | 2420 | - | - | - | - | - | 34 | - | 2455 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 2420 | - | - | - | - | - | - | - | 2420 |
| Other/non-specified | - | - | - | - | - | - | - | - | 34 | - | 35 |
| OTHER SECTORS | - | - | 41 | 46 | - | - | - | - | 1840 | - | 1928 |
| Residential | - | - | 41 | 46 | - | - | - | - | 587 | - | 674 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 1249 | - | 1249 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 4 | - | 4 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 7570 | - | - | - | - | - | - | - | 7570 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 8762 | 32372 | - | - | - | - | - | - | 41134 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Slovenia / Slovénie

Figure 1. Energy production

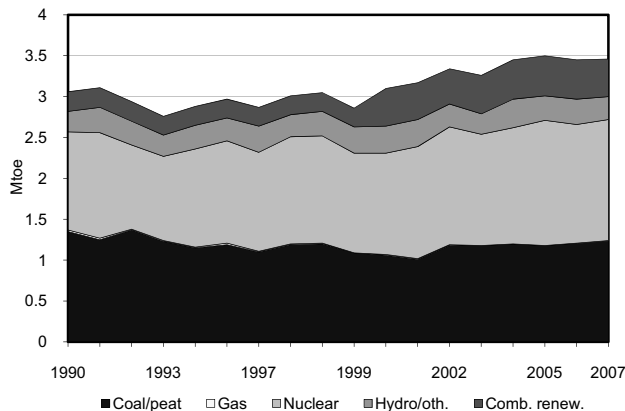


Figure 2. Total primary energy supply*

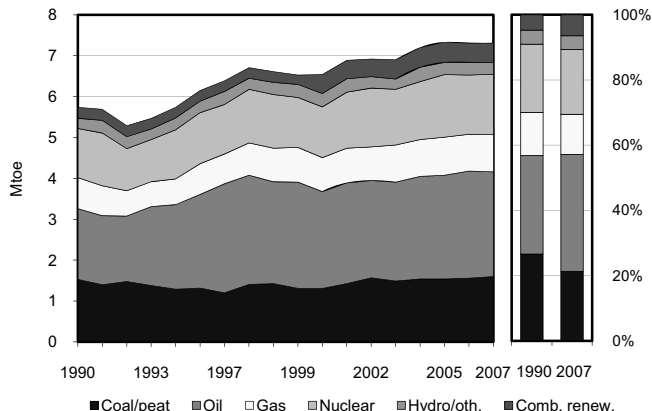


Figure 3. Energy self-sufficiency**

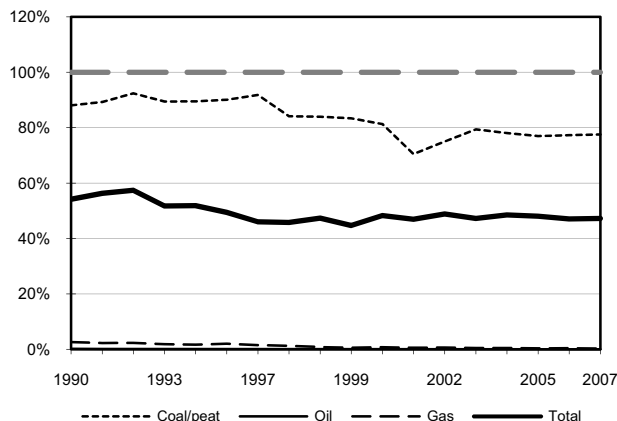


Figure 4. Oil products demand***

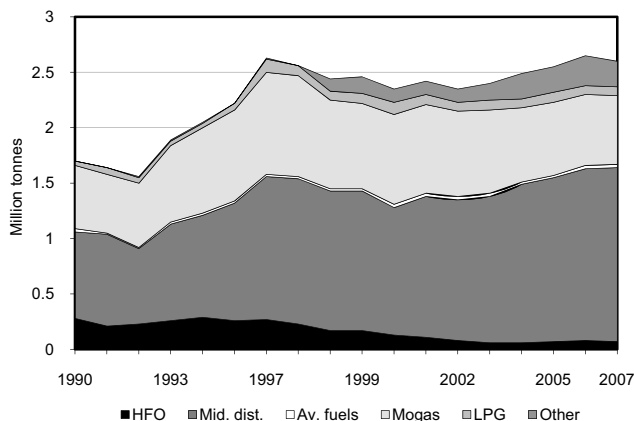


Figure 5. Electricity generation by fuel

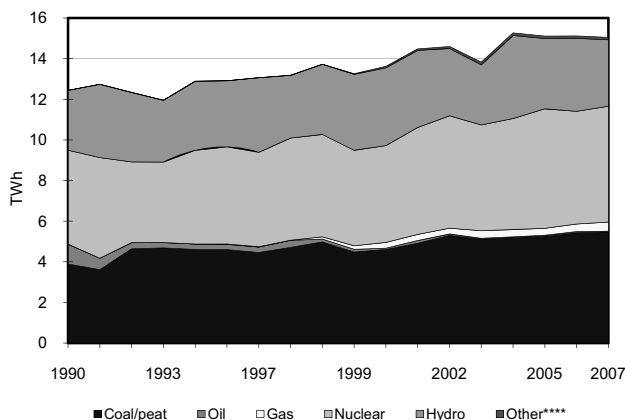
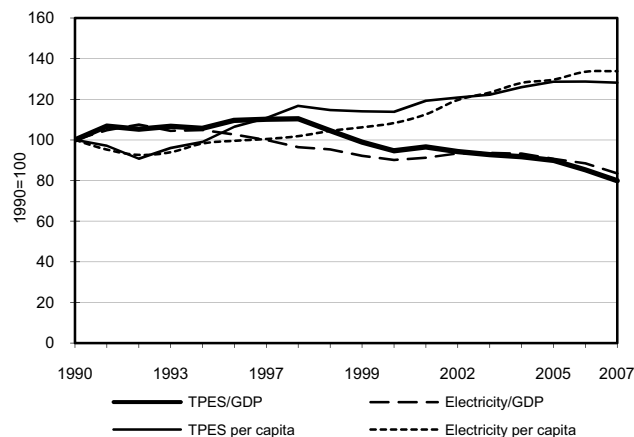


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international marine bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Slovenia / Slovénie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|------------------|--------------|---------------------|-------------|-------------|-------------|------------------------|-------------------------|-------------|------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | 1210 | - | - | 3 | 1446 | 309 | - | 478 | - | - | 3446 |
| Imports | 330 | - | 3034 | 896 | - | - | - | 2 | 608 | - | 4870 |
| Exports | -17 | - | -416 | - | - | - | - | -5 | -604 | - | -1042 |
| Intl. marine bunkers | - | - | -29 | - | - | - | - | - | - | - | -29 |
| Intl. aviation bunkers | - | - | -25 | - | - | - | - | - | - | - | -25 |
| Stock changes | 41 | - | 59 | - | - | - | - | - | - | - | 101 |
| TPES | 1565 | - | 2624 | 899 | 1446 | 309 | - | 475 | 4 | - | 7322 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | -19 | - | - | - | - | - | - | - | - | - | -19 |
| Electricity plants | -178 | - | -4 | -4 | -1446 | -309 | - | -3 | 848 | - | -1096 |
| CHP plants | -1266 | - | -7 | -63 | - | - | - | -26 | 452 | 167 | -743 |
| Heat plants | - | - | -7 | -59 | - | - | - | -8 | - | 63 | -11 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | - | - | - | -3 | - | - | - | - | -97 | -7 | -107 |
| Distribution losses | - | - | - | - | - | - | - | - | -75 | -34 | -108 |
| TFC | 100 | - | 2607 | 770 | - | - | - | 438 | 1132 | 189 | 5237 |
| INDUSTRY SECTOR | 79 | - | 263 | 550 | - | - | - | 110 | 640 | 58 | 1701 |
| Iron and steel | 8 | - | 4 | 74 | - | - | - | - | 70 | 4 | 161 |
| Chemical and petrochemical | - | - | 13 | 53 | - | - | - | 12 | 72 | 22 | 172 |
| Non-ferrous metals | - | - | 6 | 20 | - | - | - | - | 158 | - | 184 |
| Non-metallic minerals | 38 | - | 64 | 114 | - | - | - | 14 | 42 | - | 272 |
| Transport equipment | - | - | 2 | 13 | - | - | - | - | 14 | - | 30 |
| Machinery | 1 | - | 34 | 61 | - | - | - | - | 86 | 8 | 190 |
| Mining and quarrying | - | - | 7 | 6 | - | - | - | - | 6 | - | 20 |
| Food and tobacco | 1 | - | 36 | 37 | - | - | - | - | 30 | 5 | 109 |
| Paper pulp and printing | 32 | - | 12 | 98 | - | - | - | 28 | 64 | 1 | 234 |
| Wood and wood products | - | - | 3 | 4 | - | - | - | 39 | 18 | 4 | 67 |
| Construction | - | - | 65 | 8 | - | - | - | - | 11 | 2 | 87 |
| Textile and leather | - | - | 7 | 28 | - | - | - | - | 21 | 3 | 60 |
| Non-specified | - | - | 10 | 32 | - | - | - | 16 | 47 | 10 | 116 |
| TRANSPORT SECTOR | - | - | 1511 | - | - | - | - | 2 | 17 | - | 1530 |
| Domestic aviation | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Road | - | - | 1498 | - | - | - | - | 2 | - | - | 1499 |
| Rail | - | - | 12 | - | - | - | - | - | 16 | - | 28 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | 1 | - | 1 |
| OTHER SECTORS | - | - | 651 | 107 | - | - | - | 326 | 475 | 131 | 1691 |
| Residential | - | - | 377 | 93 | - | - | - | 324 | 263 | 101 | 1158 |
| Comm. and publ. services | - | - | 180 | 14 | - | - | - | 2 | 213 | 30 | 439 |
| Agriculture/forestry | - | - | 73 | - | - | - | - | - | - | - | 73 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 21 | - | - | - | - | - | - | - | 21 |
| NON-ENERGY USE | 21 | - | 181 | 113 | - | - | - | - | - | - | 315 |
| in industry/transf./energy | 21 | - | 131 | 113 | - | - | - | - | - | - | 265 |
| <i>of which: feedstocks</i> | 18 | - | 3 | 113 | - | - | - | - | - | - | 135 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | 50 | - | - | - | - | - | - | - | 50 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 5436 | - | 52 | 371 | 5548 | 3591 | - | 117 | - | - | 15115 |
| <i>Electricity plants</i> | 683 | - | 15 | 13 | 5548 | 3591 | - | 11 | - | - | 9861 |
| <i>CHP plants</i> | 4753 | - | 37 | 358 | - | - | - | 106 | - | - | 5254 |
| Heat generated - TJ | 5957 | - | 319 | 2990 | - | - | - | 349 | - | - | 9615 |
| <i>CHP plants</i> | 5939 | - | 29 | 913 | - | - | - | 111 | - | - | 6992 |
| <i>Heat plants</i> | 18 | - | 290 | 2077 | - | - | - | 238 | - | - | 2623 |

Slovenia / Slovénie

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 1239 | - | - | 3 | 1484 | 281 | - | 458 | - | - | 3465 |
| Imports | 331 | - | 3039 | 911 | - | - | - | 18 | 528 | - | 4828 |
| Exports | -2 | - | -435 | - | - | - | - | - | -508 | - | -945 |
| Intl. marine bunkers | - | - | -47 | - | - | - | - | - | - | - | -47 |
| Intl. aviation bunkers | - | - | -32 | - | - | - | - | - | - | - | -32 |
| Stock changes | 29 | - | 30 | - | - | - | - | - | - | - | 59 |
| TPES | 1598 | - | 2556 | 914 | 1484 | 281 | - | 475 | 20 | - | 7329 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | -3 | - | - | - | - | - | - | -9 | - | - | -12 |
| Electricity plants | -162 | - | -5 | -19 | -1484 | -281 | - | -3 | 838 | - | -1116 |
| CHP plants | -1332 | - | -3 | -70 | - | - | - | -25 | 455 | 162 | -813 |
| Heat plants | - | - | -4 | -46 | - | - | - | -5 | - | 48 | -7 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | -2 | - | - | -2 |
| Own use | - | - | - | -3 | - | - | - | - | -98 | -7 | -108 |
| Distribution losses | - | - | - | - | - | - | - | - | -75 | -34 | -109 |
| TFC | 100 | - | 2544 | 776 | - | - | - | 433 | 1141 | 169 | 5162 |
| INDUSTRY SECTOR | 80 | - | 180 | 548 | - | - | - | 94 | 642 | 60 | 1603 |
| Iron and steel | 6 | - | 2 | 73 | - | - | - | - | 52 | 4 | 137 |
| Chemical and petrochemical | 14 | - | 13 | 57 | - | - | - | 14 | 77 | 22 | 197 |
| Non-ferrous metals | - | - | 7 | 27 | - | - | - | - | 169 | - | 203 |
| Non-metallic minerals | 35 | - | 51 | 121 | - | - | - | 9 | 45 | - | 261 |
| Transport equipment | - | - | 2 | 14 | - | - | - | - | 19 | - | 36 |
| Machinery | - | - | 23 | 52 | - | - | - | - | 94 | 9 | 177 |
| Mining and quarrying | - | - | 6 | 3 | - | - | - | - | 6 | - | 15 |
| Food and tobacco | - | - | 17 | 33 | - | - | - | - | 27 | 4 | 82 |
| Paper pulp and printing | 24 | - | 2 | 107 | - | - | - | 6 | 63 | 1 | 202 |
| Wood and wood products | - | - | 2 | 8 | - | - | - | 43 | 17 | 5 | 75 |
| Construction | - | - | 44 | 2 | - | - | - | 1 | 7 | - | 53 |
| Textile and leather | - | - | 5 | 26 | - | - | - | 3 | 21 | 3 | 58 |
| Non-specified | - | - | 6 | 28 | - | - | - | 17 | 46 | 12 | 108 |
| TRANSPORT SECTOR | - | - | 1692 | - | - | - | - | 13 | 17 | - | 1722 |
| Domestic aviation | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Road | - | - | 1679 | - | - | - | - | 13 | - | - | 1692 |
| Rail | - | - | 12 | - | - | - | - | - | 16 | - | 28 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | 1 | - | 1 |
| OTHER SECTORS | - | - | 509 | 97 | - | - | - | 326 | 482 | 109 | 1523 |
| Residential | - | - | 286 | 85 | - | - | - | 324 | 260 | 93 | 1048 |
| Comm. and publ. services | - | - | 117 | 12 | - | - | - | 2 | 222 | 16 | 369 |
| Agriculture/forestry | - | - | 73 | - | - | - | - | - | - | - | 73 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 33 | - | - | - | - | - | - | - | 33 |
| NON-ENERGY USE | 20 | - | 163 | 131 | - | - | - | - | - | - | 314 |
| in industry/transf./energy | 20 | - | 130 | 131 | - | - | - | - | - | - | 281 |
| <i>of which: feedstocks</i> | 16 | - | 3 | 131 | - | - | - | - | - | - | 150 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | 34 | - | - | - | - | - | - | - | 34 |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|-------------|----------|------------|-------------|-------------|-------------|----------|------------|----------|----------|--------------|
| Electr. generated - GWh | 5484 | - | 29 | 453 | 5695 | 3266 | - | 116 | - | - | 15043 |
| <i>Electricity plants</i> | 691 | - | 18 | 68 | 5695 | 3266 | - | 10 | - | - | 9748 |
| <i>CHP plants</i> | 4793 | - | 11 | 385 | - | - | - | 106 | - | - | 5295 |
| Heat generated - TJ | 5650 | - | 147 | 2653 | - | - | - | 348 | - | - | 8798 |
| <i>CHP plants</i> | 5634 | - | 16 | 956 | - | - | - | 163 | - | - | 6769 |
| <i>Heat plants</i> | 16 | - | 131 | 1697 | - | - | - | 185 | - | - | 2029 |

South Africa / Afrique du Sud

Figure 1. Energy production

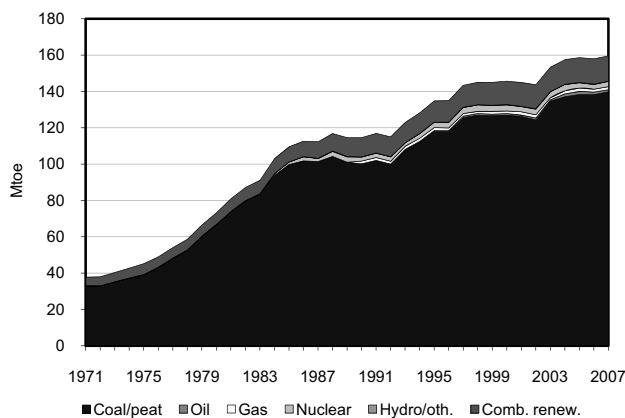


Figure 2. Total primary energy supply*

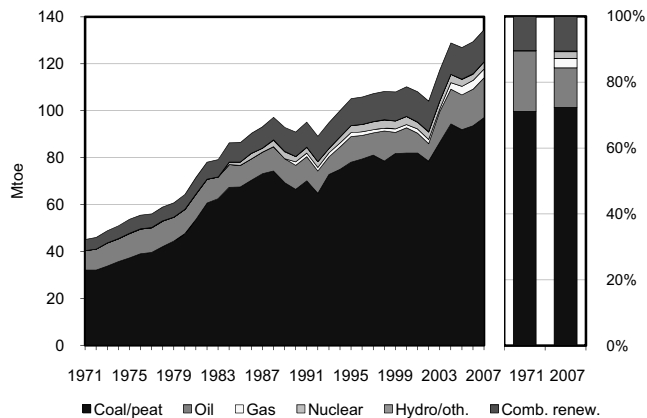


Figure 3. Energy self-sufficiency**

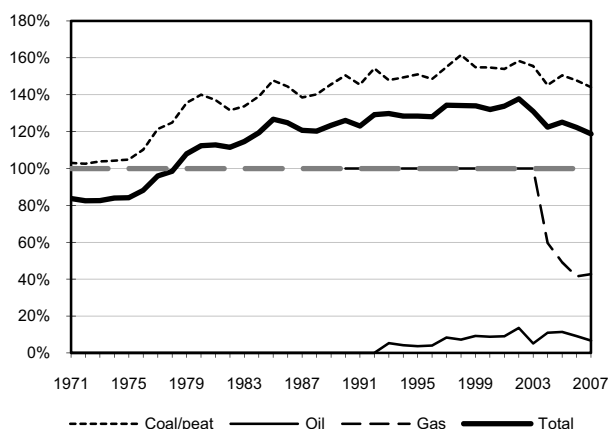


Figure 4. Oil products demand***

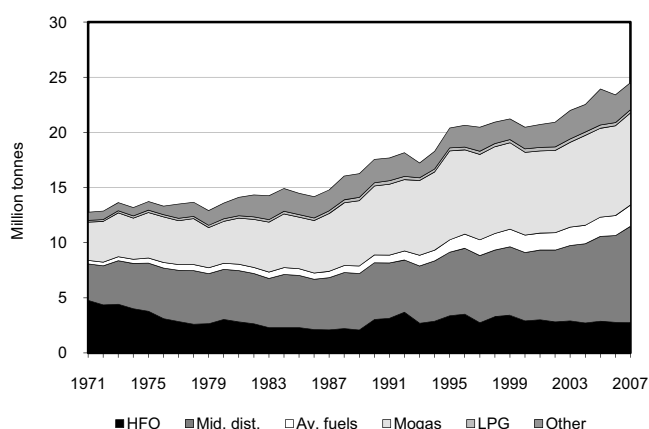


Figure 5. Electricity generation by fuel

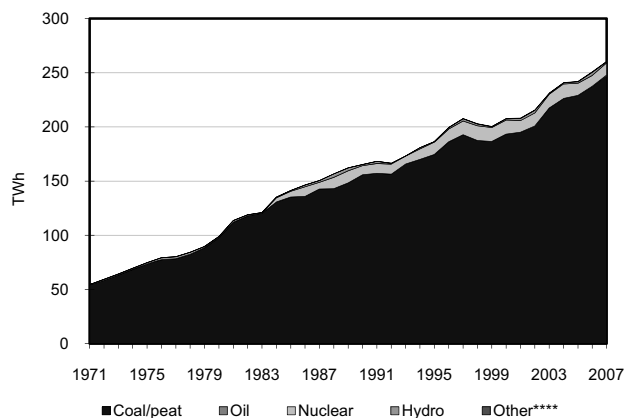
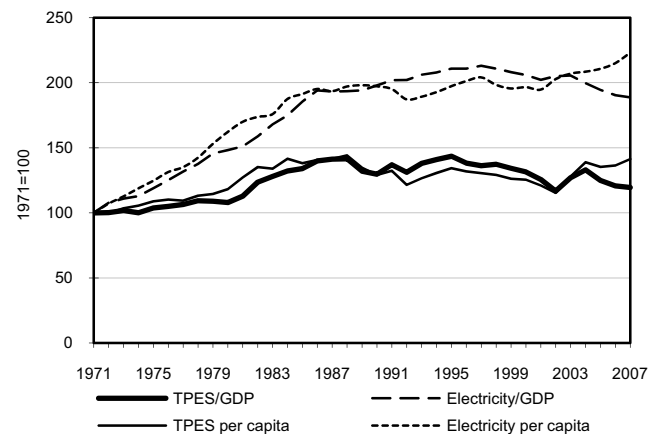


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

South Africa / Afrique du Sud

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|-------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 138236 | 1428 | - | 1554 | 2613 | 249 | 22 | 13864 | - | - | 157965 |
| Imports | 1372 | 17651 | 2820 | 2193 | - | - | - | - | 914 | - | 24949 |
| Exports | -46013 | -472 | -2460 | - | - | - | - | -256 | -1169 | - | -50370 |
| Intl. marine bunkers | - | - | -2526 | - | - | - | - | - | - | - | -2526 |
| Intl. aviation bunkers | - | - | -824 | - | - | - | - | - | - | - | -824 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 93595 | 18606 | -2991 | 3747 | 2613 | 249 | 22 | 13608 | -255 | - | 129195 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | -1791 | - | 21 | - | - | - | - | - | - | - | -1771 |
| Electricity plants | -53738 | - | -22 | - | -2613 | -249 | -5 | -89 | 21573 | - | -35143 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | -4317 | - | - | 2271 | - | - | - | - | - | - | -2046 |
| Petroleum refineries | - | -26017 | 23779 | - | - | - | - | - | - | - | -2237 |
| Coal transformation | -909 | - | - | - | - | - | - | - | - | - | -909 |
| Liquefaction plants | -18413 | 7410 | - | -3747 | - | - | - | - | - | - | -14750 |
| Other transformation | - | - | - | - | - | - | - | -3552 | - | - | -3552 |
| Own use | - | - | -1338 | - | - | - | - | - | -2317 | - | -3655 |
| Distribution losses | - | - | - | - | - | - | - | - | -1881 | - | -1881 |
| TFC | 14426 | - | 19449 | 2271 | - | - | 17 | 9968 | 17121 | - | 63252 |
| INDUSTRY SECTOR | 7833 | - | 850 | 2253 | - | - | - | 1729 | 9749 | - | 22414 |
| Iron and steel | 3942 | - | - | 472 | - | - | - | - | 429 | - | 4843 |
| Chemical and petrochemical | - | - | - | 1271 | - | - | - | - | 867 | - | 2137 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | 1603 | - | 1603 |
| Non-metallic minerals | 484 | - | - | 169 | - | - | - | - | 224 | - | 877 |
| Transport equipment | - | - | - | - | - | - | - | - | 8 | - | 8 |
| Machinery | - | - | - | 50 | - | - | - | - | 4 | - | 54 |
| Mining and quarrying | 1272 | - | 666 | 62 | - | - | - | - | 2428 | - | 4428 |
| Food and tobacco | - | - | - | 30 | - | - | - | - | 65 | - | 95 |
| Paper pulp and printing | - | - | - | 67 | - | - | - | - | 151 | - | 218 |
| Wood and wood products | - | - | - | - | - | - | - | - | 26 | - | 26 |
| Construction | - | - | 184 | - | - | - | - | - | 5 | - | 188 |
| Textile and leather | - | - | - | - | - | - | - | - | 45 | - | 45 |
| Non-specified | 2136 | - | - | 131 | - | - | - | 1729 | 3895 | - | 7892 |
| TRANSPORT SECTOR | - | - | 14952 | - | - | - | - | - | 291 | - | 15242 |
| Domestic aviation | - | - | 968 | - | - | - | - | - | - | - | 968 |
| Road | - | - | 13842 | - | - | - | - | - | 2 | - | 13844 |
| Rail | - | - | 141 | - | - | - | - | - | 282 | - | 424 |
| Pipeline transport | - | - | - | - | - | - | - | - | 7 | - | 7 |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 5379 | - | 2347 | 19 | - | - | 17 | 8238 | 7082 | - | 23082 |
| Residential | 3572 | - | 829 | - | - | - | - | 8238 | 3412 | - | 16051 |
| Comm. and publ. services | 1786 | - | 450 | 19 | - | - | - | - | 2480 | - | 4734 |
| Agriculture/forestry | 18 | - | 1069 | - | - | - | - | - | 502 | - | 1590 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 3 | - | - | - | - | - | 17 | - | 688 | - | 708 |
| NON-ENERGY USE | 1214 | - | 1300 | - | - | - | - | - | - | - | 2514 |
| in industry/transf./energy | 1214 | - | 1300 | - | - | - | - | - | - | - | 2514 |
| <i>of which: feedstocks</i> | 1214 | - | - | - | - | - | - | - | - | - | 1214 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 237553 | - | 62 | - | 10026 | 2898 | 53 | 259 | - | - | 250851 |
| <i>Electricity plants</i> | 237553 | - | 62 | - | 10026 | 2898 | 53 | 259 | - | - | 250851 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

South Africa / Afrique du Sud

2007

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|-------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 139870 | 1143 | - | 1608 | 2949 | 80 | 22 | 13922 | - | - | 159593 |
| Imports | 1293 | 17991 | 4114 | 2159 | - | - | - | - | 973 | - | 26529 |
| Exports | -44063 | -367 | -2481 | - | - | - | - | -257 | -1223 | - | -48390 |
| Intl. marine bunkers | - | - | -2524 | - | - | - | - | - | - | - | -2524 |
| Intl. aviation bunkers | - | - | -872 | - | - | - | - | - | - | - | -872 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 97100 | 18767 | -1763 | 3767 | 2949 | 80 | 22 | 13665 | -249 | - | 134337 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | -3260 | - | 5 | - | - | - | - | - | - | - | -3256 |
| Electricity plants | -56456 | - | -283 | - | -2949 | -80 | -5 | -89 | 22403 | - | -37459 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | -4317 | - | - | 2328 | - | - | - | - | - | - | -1989 |
| Petroleum refineries | - | -25904 | 23662 | - | - | - | - | - | - | - | -2243 |
| Coal transformation | -849 | - | - | - | - | - | - | - | - | - | -849 |
| Liquefaction plants | -17735 | 7138 | - | -3767 | - | - | - | - | - | - | -14364 |
| Other transformation | - | - | - | - | - | - | - | -3566 | - | - | -3566 |
| Own use | - | - | -1333 | - | - | - | - | - | -2372 | - | -3705 |
| Distribution losses | - | - | - | - | - | - | - | - | -1893 | - | -1893 |
| TFC | 14482 | - | 20288 | 2328 | - | - | 17 | 10010 | 17888 | - | 65014 |
| INDUSTRY SECTOR | 7771 | - | 916 | 2309 | - | - | - | 1737 | 10087 | - | 22821 |
| Iron and steel | 3692 | - | - | 443 | - | - | - | - | 390 | - | 4526 |
| Chemical and petrochemical | - | - | - | 1332 | - | - | - | - | 909 | - | 2240 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | 1610 | - | 1610 |
| Non-metallic minerals | 507 | - | - | 177 | - | - | - | - | 235 | - | 919 |
| Transport equipment | - | - | - | - | - | - | - | - | 8 | - | 8 |
| Machinery | - | - | - | 52 | - | - | - | - | 4 | - | 56 |
| Mining and quarrying | 1333 | - | 718 | 65 | - | - | - | - | 2544 | - | 4661 |
| Food and tobacco | - | - | - | 31 | - | - | - | - | 69 | - | 100 |
| Paper pulp and printing | - | - | - | 70 | - | - | - | - | 158 | - | 229 |
| Wood and wood products | - | - | - | - | - | - | - | - | 27 | - | 27 |
| Construction | - | - | 198 | - | - | - | - | - | 5 | - | 203 |
| Textile and leather | - | - | - | - | - | - | - | - | 47 | - | 47 |
| Non-specified | 2239 | - | - | 138 | - | - | - | 1737 | 4082 | - | 8195 |
| TRANSPORT SECTOR | - | - | 15674 | - | - | - | - | - | 305 | - | 15978 |
| Domestic aviation | - | - | 1025 | - | - | - | - | - | - | - | 1025 |
| Road | - | - | 14496 | - | - | - | - | - | 2 | - | 14498 |
| Rail | - | - | 153 | - | - | - | - | - | 296 | - | 448 |
| Pipeline transport | - | - | - | - | - | - | - | - | 7 | - | 7 |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | 5439 | - | 2444 | 19 | - | - | 17 | 8273 | 7496 | - | 23689 |
| Residential | 3612 | - | 856 | - | - | - | - | 8273 | 3544 | - | 16285 |
| Comm. and publ. services | 1806 | - | 446 | 19 | - | - | - | - | 2576 | - | 4847 |
| Agriculture/forestry | 18 | - | 1143 | - | - | - | - | - | 522 | - | 1683 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 3 | - | - | - | - | - | 17 | - | 854 | - | 874 |
| NON-ENERGY USE | 1272 | - | 1253 | - | - | - | - | - | - | - | 2525 |
| in industry/transf./energy | 1272 | - | 1253 | - | - | - | - | - | - | - | 2525 |
| <i>of which: feedstocks</i> | 1272 | - | - | - | - | - | - | - | - | - | 1272 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 246789 | - | 1153 | - | 11317 | 929 | 53 | 259 | - | - | 260500 |
| <i>Electricity plants</i> | 246789 | - | 1153 | - | 11317 | 929 | 53 | 259 | - | - | 260500 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Sri Lanka

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|-----|---------|------------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | - | - | - | - | 399 | 1 | 4755 | - | - | 5155 |
| Imports | 50 | 2222 | 1997 | - | - | - | - | 5 | - | - | 4274 |
| Exports | - | - | -47 | - | - | - | - | -2 | - | - | -49 |
| Intl. marine bunkers | - | - | -137 | - | - | - | - | - | - | - | -137 |
| Intl. aviation bunkers | - | - | -320 | - | - | - | - | - | - | - | -320 |
| Stock changes | - | -18 | 200 | - | - | - | - | -21 | - | - | 162 |
| TPES | 50 | 2204 | 1693 | - | - | 399 | 1 | 4737 | - | - | 9084 |
| Electricity and CHP plants | - | - | -1008 | - | - | -399 | -1 | -2 | 817 | - | -592 |
| Petroleum refineries | - | -2204 | 2129 | - | - | - | - | - | - | - | -76 |
| Other transformation* | -1 | - | -49 | - | - | - | - | -15 | -144 | - | -210 |
| TFC | 49 | - | 2765 | - | - | - | - | 4720 | 672 | - | 8207 |
| INDUSTRY SECTOR | 49 | - | 310 | - | - | - | - | 1519 | 253 | - | 2132 |
| Iron and steel | 1 | - | - | - | - | - | - | - | - | - | 1 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 48 | - | - | - | - | - | - | - | - | - | 48 |
| Other/non-specified | - | - | 310 | - | - | - | - | 1519 | 253 | - | 2083 |
| TRANSPORT SECTOR | - | - | 1969 | - | - | - | - | - | - | - | 1969 |
| Domestic aviation | - | - | 136 | - | - | - | - | - | - | - | 136 |
| Road | - | - | 1800 | - | - | - | - | - | - | - | 1800 |
| Other/non-specified | - | - | 33 | - | - | - | - | - | - | - | 33 |
| OTHER SECTORS | - | - | 402 | - | - | - | - | 3192 | 419 | - | 4014 |
| Residential | - | - | 113 | - | - | - | - | 3067 | 263 | - | 3444 |
| Comm. and publ. services | - | - | 39 | - | - | - | - | 125 | 156 | - | 320 |
| Agriculture/forestry | - | - | 12 | - | - | - | - | - | - | - | 12 |
| Other/non-specified | - | - | 237 | - | - | - | - | - | - | - | 237 |
| NON-ENERGY USE | - | - | 84 | - | - | - | - | 9 | - | - | 93 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 4847 | - | - | 4634 | 17 | 2 | - | - | 9500 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|------------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | - | - | - | - | 339 | 2 | 4735 | - | - | 5076 |
| Imports | 48 | 1997 | 2318 | - | - | - | - | 4 | - | - | 4368 |
| Exports | - | - | - | - | - | - | - | -1 | - | - | -1 |
| Intl. marine bunkers | - | - | -137 | - | - | - | - | - | - | - | -137 |
| Intl. aviation bunkers | - | - | -107 | - | - | - | - | - | - | - | -107 |
| Stock changes | - | -41 | 149 | - | - | - | - | -23 | - | - | 85 |
| TPES | 48 | 1956 | 2223 | - | - | 339 | 2 | 4716 | - | - | 9284 |
| Electricity and CHP plants | - | - | -1238 | - | - | -339 | -2 | -1 | 851 | - | -729 |
| Petroleum refineries | - | -1956 | 1854 | - | - | - | - | - | - | - | -102 |
| Other transformation* | - | - | 28 | - | - | - | - | -17 | -147 | - | -136 |
| TFC | 48 | - | 2865 | - | - | - | - | 4698 | 705 | - | 8317 |
| INDUSTRY SECTOR | 48 | - | 302 | - | - | - | - | 1506 | 254 | - | 2111 |
| Iron and steel | 1 | - | - | - | - | - | - | - | - | - | 1 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 48 | - | - | - | - | - | - | - | - | - | 48 |
| Other/non-specified | -1 | - | 302 | - | - | - | - | 1506 | 254 | - | 2062 |
| TRANSPORT SECTOR | - | - | 2134 | - | - | - | - | - | - | - | 2134 |
| Domestic aviation | - | - | 209 | - | - | - | - | - | - | - | 209 |
| Road | - | - | 1919 | - | - | - | - | - | - | - | 1919 |
| Other/non-specified | - | - | 6 | - | - | - | - | - | - | - | 6 |
| OTHER SECTORS | - | - | 365 | - | - | - | - | 3182 | 450 | - | 3998 |
| Residential | - | - | 119 | - | - | - | - | 3057 | 274 | - | 3450 |
| Comm. and publ. services | - | - | 41 | - | - | - | - | 125 | 176 | - | 343 |
| Agriculture/forestry | - | - | 11 | - | - | - | - | - | - | - | 11 |
| Other/non-specified | - | - | 193 | - | - | - | - | - | - | - | 193 |
| NON-ENERGY USE | - | - | 64 | - | - | - | - | 10 | - | - | 75 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 5935 | - | - | 3947 | 18 | 1 | - | - | 9901 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Sudan / Soudan

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-------------|-------------|--------------------|-----|---------|------------|----------------------|-------------------------|-------------|------|--------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | - | 16848 | - | - | - | 118 | - | 11459 | - | - | 28425 |
| Imports | - | - | 684 | - | - | - | - | - | - | - | 684 |
| Exports | - | -11998 | -736 | - | - | - | - | - | - | - | -12734 |
| Intl. marine bunkers | - | - | -8 | - | - | - | - | - | - | - | -8 |
| Intl. aviation bunkers | - | - | -225 | - | - | - | - | - | - | - | -225 |
| Stock changes | - | - | -1025 | - | - | - | - | - | - | - | -1025 |
| TPES | - | 4850 | -1310 | - | - | 118 | - | 11459 | - | - | 15116 |
| Electricity and CHP plants | - | - | -688 | - | - | -118 | - | - | 362 | - | -443 |
| Petroleum refineries | - | -5242 | 5231 | - | - | - | - | - | - | - | -11 |
| Other transformation* | - | 392 | -360 | - | - | - | - | -4509 | -74 | - | -4552 |
| TFC | - | - | 2872 | - | - | - | - | 6950 | 288 | - | 10110 |
| INDUSTRY SECTOR | - | - | 258 | - | - | - | - | 848 | 47 | - | 1153 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | 19 | - | - | - | - | - | - | - | 19 |
| Other/non-specified | - | - | 239 | - | - | - | - | 848 | 47 | - | 1134 |
| TRANSPORT SECTOR | - | - | 2196 | - | - | - | - | - | - | - | 2196 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 2184 | - | - | - | - | - | - | - | 2184 |
| Other/non-specified | - | - | 12 | - | - | - | - | - | - | - | 12 |
| OTHER SECTORS | - | - | 268 | - | - | - | - | 6102 | 241 | - | 6612 |
| Residential | - | - | 194 | - | - | - | - | 4704 | 148 | - | 5046 |
| Comm. and publ. services | - | - | 17 | - | - | - | - | 1398 | 81 | - | 1496 |
| Agriculture/forestry | - | - | 57 | - | - | - | - | - | 12 | - | 69 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 150 | - | - | - | - | - | - | - | 150 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 2839 | - | - | 1370 | - | - | - | - | 4209 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|-------------------------------------|------------------|--------------|---------------------|-----|-----------|------------|------------------------|----------------------|-------------|---------|--------------|
| Production | - | 23821 | - | - | - | 125 | - | 10687 | - | - | 34633 |
| Imports | - | - | 611 | - | - | - | - | - | - | - | 611 |
| Exports | - | -18538 | -874 | - | - | - | - | - | - | - | -19412 |
| Intl. marine bunkers | - | - | -8 | - | - | - | - | - | - | - | -8 |
| Intl. aviation bunkers | - | - | -212 | - | - | - | - | - | - | - | -212 |
| Stock changes | - | - | -938 | - | - | - | - | - | - | - | -938 |
| TPES | - | 5283 | -1421 | - | - | 125 | - | 10687 | - | - | 14675 |
| Electricity and CHP plants | - | - | -748 | - | - | -125 | - | - | 391 | - | -483 |
| Petroleum refineries | - | -5283 | 5272 | - | - | - | - | - | - | - | -11 |
| Other transformation* | - | - | -398 | - | - | - | - | -4205 | -80 | - | -4682 |
| TFC | - | - | 2705 | - | - | - | - | 6482 | 311 | - | 9499 |
| INDUSTRY SECTOR | - | - | 203 | - | - | - | - | 791 | 51 | - | 1044 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | 19 | - | - | - | - | - | - | - | 19 |
| Other/non-specified | - | - | 184 | - | - | - | - | 791 | 51 | - | 1025 |
| TRANSPORT SECTOR | - | - | 2074 | - | - | - | - | - | - | - | 2074 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 2061 | - | - | - | - | - | - | - | 2061 |
| Other/non-specified | - | - | 13 | - | - | - | - | - | - | - | 13 |
| OTHER SECTORS | - | - | 286 | - | - | - | - | 5691 | 261 | - | 6238 |
| Residential | - | - | 188 | - | - | - | - | 4387 | 160 | - | 4735 |
| Comm. and publ. services | - | - | 16 | - | - | - | - | 1304 | 87 | - | 1408 |
| Agriculture/forestry | - | - | 82 | - | - | - | - | - | 13 | - | 95 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 142 | - | - | - | - | - | - | - | 142 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 3090 | - | - | 1451 | - | - | - | - | 4541 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Syrian Arab Republic / République arabe syrienne

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|--------------|--------------------|-------------|----------|------------|----------------------|-------------------------|-------------|----------|--------------|
| Production | - | 21068 | - | 5104 | - | 343 | - | 6 | - | - | 26521 |
| Imports | 6 | - | 1103 | - | - | - | - | - | - | - | 1109 |
| Exports | -3 | -8204 | -747 | - | - | - | - | - | - | - | -8954 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -103 | - | - | - | - | - | - | - | -103 |
| Stock changes | - | - | -17 | - | - | - | - | - | - | - | -17 |
| TPES | 3 | 12864 | 236 | 5104 | - | 343 | - | 6 | - | - | 18556 |
| Electricity and CHP plants | - | - | -4659 | -3296 | - | -343 | - | - | 3206 | - | -5092 |
| Petroleum refineries | - | -12864 | 12782 | - | - | - | - | - | - | - | -82 |
| Other transformation* | -2 | - | -447 | -140 | - | - | - | - | -1125 | - | -1715 |
| TFC | 1 | - | 7912 | 1668 | - | - | - | 6 | 2081 | - | 11667 |
| INDUSTRY SECTOR | 1 | - | 1769 | 523 | - | - | - | - | 815 | - | 3108 |
| Iron and steel | 1 | - | - | - | - | - | - | - | - | - | 1 |
| Chemical and petrochemical | - | - | - | 523 | - | - | - | - | - | - | 523 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 1769 | - | - | - | - | - | 815 | - | 2584 |
| TRANSPORT SECTOR | - | - | 4387 | - | - | - | - | - | - | - | 4387 |
| Domestic aviation | - | - | 212 | - | - | - | - | - | - | - | 212 |
| Road | - | - | 4175 | - | - | - | - | - | - | - | 4175 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 1255 | 185 | - | - | - | 6 | 1266 | - | 2711 |
| Residential | - | - | 896 | - | - | - | - | - | 1266 | - | 2162 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | 223 | - | - | - | - | - | - | - | 223 |
| Other/non-specified | - | - | 135 | 185 | - | - | - | 6 | - | - | 326 |
| NON-ENERGY USE | - | - | 502 | 960 | - | - | - | - | - | - | 1462 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 19104 | 14185 | - | 3994 | - | - | - | - | 37283 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-------------|-----------|------------|------------------------|----------------------|-------------|----------|--------------|
| Production | - | 19027 | - | 5023 | - | 303 | - | 6 | - | - | 24359 |
| Imports | 6 | 450 | 3332 | - | - | - | - | - | - | - | 3788 |
| Exports | -3 | -7637 | -620 | - | - | - | - | - | - | - | -8261 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -63 | - | - | - | - | - | - | - | -63 |
| Stock changes | - | - | -183 | - | - | - | - | - | - | - | -183 |
| TPES | 3 | 11839 | 2465 | 5023 | - | 303 | - | 6 | - | - | 19639 |
| Electricity and CHP plants | - | - | -5268 | -2804 | - | -303 | - | - | 3323 | - | -5052 |
| Petroleum refineries | - | -11793 | 11563 | - | - | - | - | - | - | - | -229 |
| Other transformation* | -2 | -46 | -722 | -172 | - | - | - | - | -1167 | - | -2108 |
| TFC | 1 | - | 8040 | 2047 | - | - | - | 6 | 2157 | - | 12250 |
| INDUSTRY SECTOR | 1 | - | 1944 | 642 | - | - | - | - | 835 | - | 3422 |
| Iron and steel | 1 | - | - | - | - | - | - | - | - | - | 1 |
| Chemical and petrochemical | - | - | - | 642 | - | - | - | - | - | - | 642 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 1944 | - | - | - | - | - | 835 | - | 2779 |
| TRANSPORT SECTOR | - | - | 4179 | - | - | - | - | - | - | - | 4179 |
| Domestic aviation | - | - | 129 | - | - | - | - | - | - | - | 129 |
| Road | - | - | 4050 | - | - | - | - | - | - | - | 4050 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 1146 | 227 | - | - | - | 6 | 1322 | - | 2701 |
| Residential | - | - | 604 | - | - | - | - | - | 1322 | - | 1926 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | 204 | - | - | - | - | - | - | - | 204 |
| Other/non-specified | - | - | 338 | 227 | - | - | - | 6 | - | - | 571 |
| NON-ENERGY USE | - | - | 771 | 1178 | - | - | - | - | - | - | 1948 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 23054 | 12068 | - | 3520 | - | - | - | - | 38642 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Tajikistan / Tadjikistan

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|------------|----------|-------------|----------------------|-------------------------|-------------|-----------|-------------|
| Production | 45 | 24 | - | 14 | - | 1436 | - | - | - | - | 1520 |
| Imports | 3 | - | 1624 | 523 | - | - | - | - | 416 | - | 2567 |
| Exports | - | -5 | -17 | - | - | - | - | - | -364 | - | -386 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -4 | - | - | - | - | - | - | - | -4 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 48 | 19 | 1603 | 538 | - | 1436 | - | - | 52 | - | 3697 |
| Electricity and CHP plants | - | - | - | -251 | - | -1436 | - | - | 1456 | 90 | -141 |
| Petroleum refineries | - | -19 | 17 | - | - | - | - | - | - | - | -2 |
| Other transformation* | - | - | - | - | - | - | - | - | -247 | - | -247 |
| TFC | 48 | - | 1620 | 286 | - | - | - | - | 1262 | 90 | 3307 |
| INDUSTRY SECTOR | - | - | - | - | - | - | - | - | 573 | - | 573 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 15 | - | 15 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | 558 | - | 558 |
| TRANSPORT SECTOR | - | - | 1342 | - | - | - | - | - | 2 | - | 1344 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1342 | - | - | - | - | - | - | - | 1342 |
| Other/non-specified | - | - | - | - | - | - | - | - | 2 | - | 2 |
| OTHER SECTORS | 48 | - | 277 | 286 | - | - | - | - | 687 | 90 | 1389 |
| Residential | - | - | - | - | - | - | - | - | 275 | - | 275 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 27 | - | 27 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 385 | - | 385 |
| Other/non-specified | 48 | - | 277 | 286 | - | - | - | - | - | 90 | 702 |
| NON-ENERGY USE | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | - | 234 | - | 16701 | - | - | - | - | 16935 |
| Heat generated - TJ | - | - | - | 3762 | - | - | - | - | - | - | 3762 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|------------|-----------|-------------|------------------------|----------------------|-------------|-----------|-------------|
| Production | 72 | 26 | - | 12 | - | 1472 | - | - | - | - | 1582 |
| Imports | 4 | - | 1805 | 529 | - | - | - | - | 375 | - | 2712 |
| Exports | - | -5 | -19 | - | - | - | - | - | -366 | - | -390 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -4 | - | - | - | - | - | - | - | -4 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 76 | 21 | 1782 | 540 | - | 1472 | - | - | 9 | - | 3900 |
| Electricity and CHP plants | - | - | - | -253 | - | -1472 | - | - | 1505 | 93 | -127 |
| Petroleum refineries | - | -21 | 19 | - | - | - | - | - | - | - | -2 |
| Other transformation* | - | - | - | - | - | - | - | - | -248 | - | -248 |
| TFC | 76 | - | 1801 | 288 | - | - | - | - | 1266 | 93 | 3523 |
| INDUSTRY SECTOR | - | - | - | - | - | - | - | - | 575 | - | 575 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 15 | - | 15 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | 560 | - | 560 |
| TRANSPORT SECTOR | - | - | 1510 | - | - | - | - | - | 2 | - | 1512 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1510 | - | - | - | - | - | - | - | 1510 |
| Other/non-specified | - | - | - | - | - | - | - | - | 2 | - | 2 |
| OTHER SECTORS | 76 | - | 289 | 288 | - | - | - | - | 689 | 93 | 1435 |
| Residential | - | - | - | - | - | - | - | - | 276 | - | 276 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 27 | - | 27 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 386 | - | 386 |
| Other/non-specified | 76 | - | 289 | 288 | - | - | - | - | - | 93 | 746 |
| NON-ENERGY USE | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | - | 380 | - | 17114 | - | - | - | - | 17494 |
| Heat generated - TJ | - | - | - | 3886 | - | - | - | - | - | - | 3886 |

* Includes transfers, statistical differences, own use and distribution losses.

United Republic of Tanzania / République Unie de Tanzanie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|------------|---------|------------|----------------------|-------------------------|-------------|------|--------------|
| Production | 49 | - | - | 413 | - | 123 | - | 15687 | - | - | 16273 |
| Imports | - | - | 1589 | - | - | - | - | - | 15 | - | 1604 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -22 | - | - | - | - | - | - | - | -22 |
| Intl. aviation bunkers | - | - | -95 | - | - | - | - | - | - | - | -95 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 49 | - | 1472 | 413 | - | 123 | - | 15687 | 15 | - | 17760 |
| Electricity and CHP plants | -30 | - | -189 | -343 | - | -123 | - | - | 303 | - | -382 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | 1 | - | - | - | -2056 | -88 | - | -2143 |
| TFC | 19 | - | 1284 | 71 | - | - | - | 13631 | 229 | - | 15234 |
| INDUSTRY SECTOR | 19 | - | 128 | 71 | - | - | - | 1566 | 137 | - | 1921 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | 37 | - | - | - | - | - | - | 37 |
| Other/non-specified | 19 | - | 128 | 34 | - | - | - | 1566 | 137 | - | 1884 |
| TRANSPORT SECTOR | - | - | 944 | - | - | - | - | - | - | - | 944 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 944 | - | - | - | - | - | - | - | 944 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 197 | - | - | - | - | 12065 | 92 | - | 12354 |
| Residential | - | - | 176 | - | - | - | - | 10968 | 75 | - | 11219 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | 652 | - | - | 652 |
| Other/non-specified | - | - | 21 | - | - | - | - | 445 | 18 | - | 483 |
| NON-ENERGY USE | - | - | 15 | - | - | - | - | - | - | - | 15 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 106 | - | 657 | 1330 | - | 1436 | - | - | - | - | 3529 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|------------|-----------|------------|------------------------|----------------------|-------------|---------|--------------|
| Production | 52 | - | - | 446 | - | 216 | - | 16188 | - | - | 16902 |
| Imports | - | - | 1498 | - | - | - | - | - | - | - | 1498 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -22 | - | - | - | - | - | - | - | -22 |
| Intl. aviation bunkers | - | - | -100 | - | - | - | - | - | - | - | -100 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | 52 | - | 1376 | 446 | - | 216 | - | 16188 | - | - | 18278 |
| Electricity and CHP plants | -32 | - | -11 | -375 | - | -216 | - | - | 359 | - | -274 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | - | 1 | - | - | - | -2107 | -92 | - | -2198 |
| TFC | 20 | - | 1365 | 72 | - | - | - | 14081 | 267 | - | 15806 |
| INDUSTRY SECTOR | 20 | - | 135 | 72 | - | - | - | 1660 | 125 | - | 2013 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | 37 | - | - | - | - | - | - | 37 |
| Other/non-specified | 20 | - | 135 | 35 | - | - | - | 1660 | 125 | - | 1976 |
| TRANSPORT SECTOR | - | - | 1005 | - | - | - | - | - | - | - | 1005 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1005 | - | - | - | - | - | - | - | 1005 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 210 | - | - | - | - | 12421 | 142 | - | 12772 |
| Residential | - | - | 188 | - | - | - | - | 11291 | 122 | - | 11601 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | 672 | - | - | 672 |
| Other/non-specified | - | - | 22 | - | - | - | - | 458 | 20 | - | 500 |
| NON-ENERGY USE | - | - | 15 | - | - | - | - | - | - | - | 15 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 113 | - | 38 | 1513 | - | 2511 | - | - | - | - | 4175 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

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Figure 1. Energy production

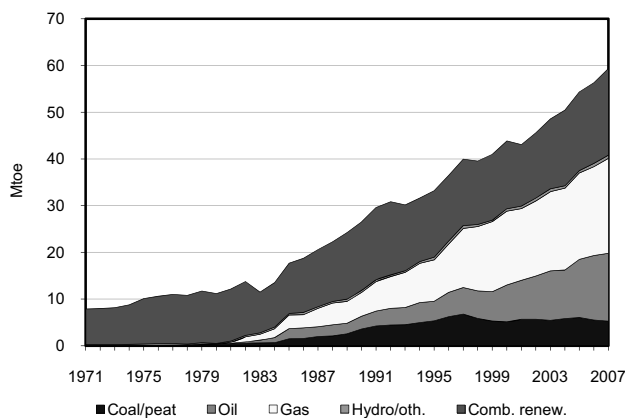


Figure 2. Total primary energy supply*

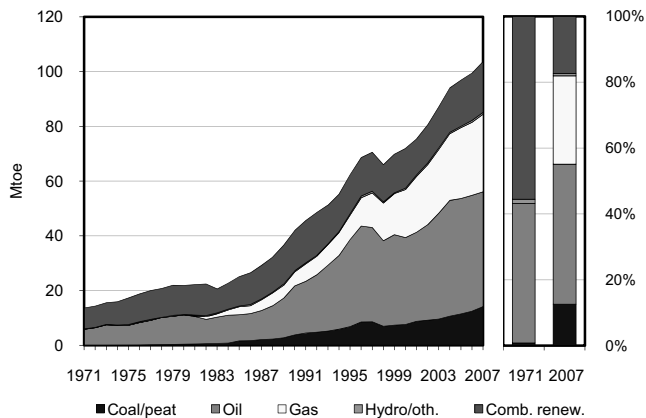


Figure 3. Energy self-sufficiency**

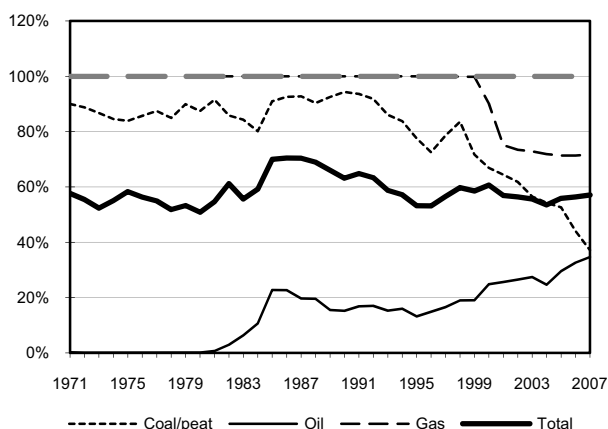


Figure 4. Oil products demand***

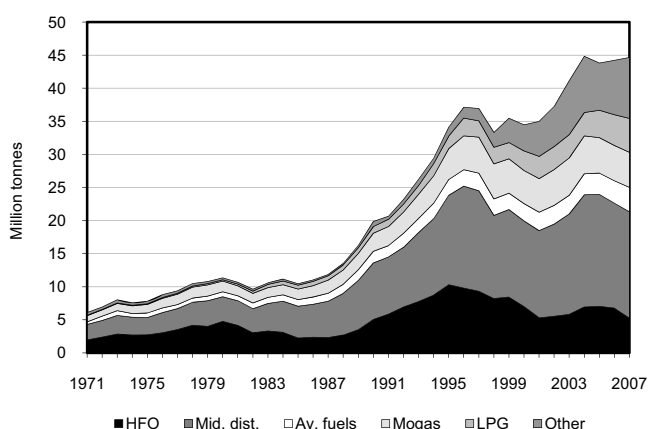


Figure 5. Electricity generation by fuel

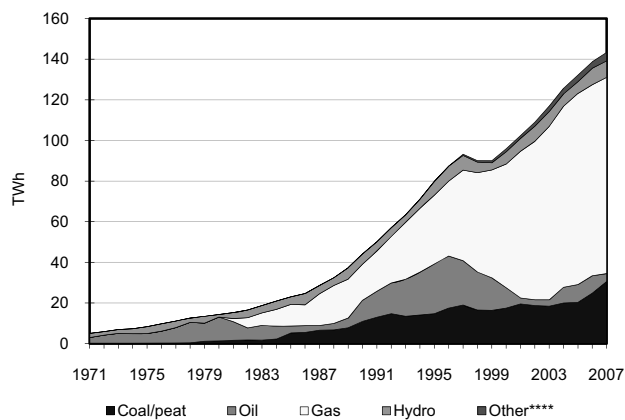
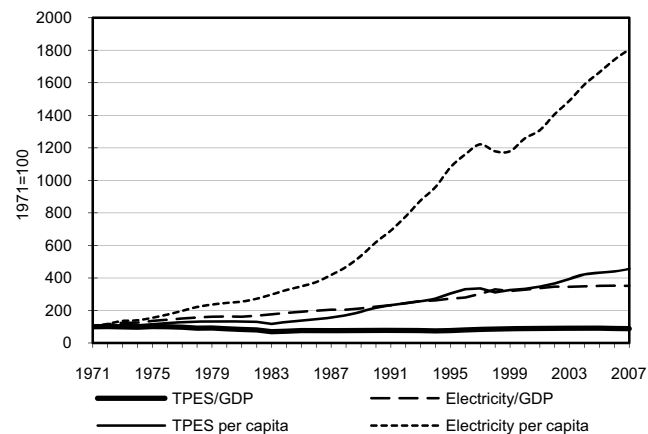


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Thailand / Thaïlande

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 5510 | 13805 | - | 19037 | - | 699 | 3 | 17252 | - | - | 56305 |
| Imports | 7031 | 40610 | 1396 | 7643 | - | - | - | 29 | 444 | - | 57154 |
| Exports | - | -3318 | -6892 | - | - | - | - | -1 | -64 | - | -10276 |
| Intl. marine bunkers | - | - | -1641 | - | - | - | - | - | - | - | -1641 |
| Intl. aviation bunkers | - | - | -3610 | - | - | - | - | - | - | - | -3610 |
| Stock changes | -43 | 2363 | -396 | - | - | - | - | - | - | - | 1924 |
| TPES | 12498 | 53460 | -11143 | 26680 | - | 699 | 3 | 17280 | 379 | - | 99856 |
| Transfers | - | -3832 | 4042 | - | - | - | - | - | - | - | 210 |
| Statistical differences | -64 | -1 | 32 | - | - | - | - | - | - | - | -33 |
| Electricity plants | -4929 | - | -1965 | -18972 | - | -699 | -3 | -928 | 11932 | - | -15564 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -46727 | 44384 | - | - | - | - | - | - | - | -2343 |
| Coal transformation | -17 | - | - | - | - | - | - | - | - | - | -17 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | 229 | -257 | - | - | - | - | -5005 | - | - | -5032 |
| Own use | - | - | -2571 | -2649 | - | - | - | - | -358 | - | -5577 |
| Distribution losses | - | -181 | - | -3013 | - | - | - | - | -961 | - | -4156 |
| TFC | 7488 | 2948 | 32522 | 2046 | - | - | - | 11347 | 10992 | - | 67343 |
| INDUSTRY SECTOR | 7488 | - | 3428 | 1707 | - | - | - | 5621 | 5101 | - | 23345 |
| Iron and steel | 19 | - | 325 | - | - | - | - | - | 561 | - | 905 |
| Chemical and petrochemical | - | - | 417 | - | - | - | - | 286 | 813 | - | 1517 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 6094 | - | 312 | - | - | - | - | 491 | 611 | - | 7508 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | 139 | - | - | - | - | - | 1105 | - | 1243 |
| Mining and quarrying | - | - | 29 | - | - | - | - | - | - | - | 29 |
| Food and tobacco | 384 | - | 691 | - | - | - | - | 4816 | 866 | - | 6757 |
| Paper pulp and printing | - | - | 193 | - | - | - | - | - | 189 | - | 381 |
| Wood and wood products | - | - | 34 | - | - | - | - | 27 | 136 | - | 197 |
| Construction | - | - | 140 | - | - | - | - | - | - | - | 140 |
| Textile and leather | - | - | 270 | - | - | - | - | - | 671 | - | 941 |
| Non-specified | 991 | - | 878 | 1707 | - | - | - | - | 150 | - | 3727 |
| TRANSPORT SECTOR | - | - | 17811 | 76 | - | - | - | 66 | 5 | - | 17958 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 17648 | 76 | - | - | - | 66 | - | - | 17790 |
| Rail | - | - | 99 | - | - | - | - | - | 5 | - | 104 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 64 | - | - | - | - | - | - | - | 64 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 5355 | - | - | - | - | 5660 | 5886 | - | 16902 |
| Residential | - | - | 2034 | - | - | - | - | 5660 | 2322 | - | 10017 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 3486 | - | 3486 |
| Agriculture/forestry | - | - | 3322 | - | - | - | - | - | 21 | - | 3342 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | 57 | - | 57 |
| NON-ENERGY USE | - | 2948 | 5928 | 263 | - | - | - | - | - | - | 9139 |
| in industry/transf./energy | - | 2948 | 5928 | 263 | - | - | - | - | - | - | 9139 |
| <i>of which: feedstocks</i> | - | 2948 | 1720 | 263 | - | - | - | - | - | - | 4931 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 24927 | - | 8521 | 94016 | - | 8125 | 3 | 3150 | - | - | 138742 |
| <i>Electricity plants</i> | 24927 | - | 8521 | 94016 | - | 8125 | 3 | 3150 | - | - | 138742 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Thailand / Thaïlande

2007

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 5289 | 14523 | - | 20314 | - | 698 | 3 | 18548 | - | - | 59375 |
| Imports | 8970 | 39097 | 833 | 7990 | - | - | - | 22 | 386 | - | 57299 |
| Exports | - | -2623 | -6614 | - | - | - | - | -36 | -80 | - | -9353 |
| Intl. marine bunkers | - | - | -1580 | - | - | - | - | - | - | - | -1580 |
| Intl. aviation bunkers | - | - | -3939 | - | - | - | - | - | - | - | -3939 |
| Stock changes | -34 | 2913 | -690 | - | - | - | - | 1 | - | - | 2190 |
| TPES | 14225 | 53910 | -11990 | 28304 | - | 698 | 3 | 18535 | 307 | - | 103991 |
| Transfers | - | -4115 | 4351 | - | - | - | - | - | - | - | 236 |
| Statistical differences | -170 | 20 | -33 | - | - | - | - | - | - | - | -183 |
| Electricity plants | -7039 | - | -918 | -19431 | - | -698 | -3 | -1154 | 12331 | - | -16913 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -46628 | 44911 | - | - | - | - | - | - | - | -1717 |
| Coal transformation | -21 | - | - | - | - | - | - | - | - | - | -21 |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | 251 | -282 | - | - | - | - | -5291 | - | - | -5322 |
| Own use | - | - | -2569 | -3065 | - | - | - | - | -387 | - | -6020 |
| Distribution losses | - | -175 | - | -3433 | - | - | - | - | -797 | - | -4405 |
| TFC | 6994 | 3263 | 33470 | 2375 | - | - | - | 12090 | 11453 | - | 69645 |
| INDUSTRY SECTOR | 6994 | - | 3234 | 1736 | - | - | - | 5990 | 5260 | - | 23216 |
| Iron and steel | 23 | - | 297 | - | - | - | - | - | 612 | - | 931 |
| Chemical and petrochemical | - | - | 389 | - | - | - | - | 302 | 845 | - | 1536 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 5725 | - | 262 | - | - | - | - | 519 | 606 | - | 7112 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | 139 | - | - | - | - | - | 1166 | - | 1305 |
| Mining and quarrying | - | - | 27 | - | - | - | - | - | - | - | 27 |
| Food and tobacco | 362 | - | 684 | - | - | - | - | 5140 | 898 | - | 7085 |
| Paper pulp and printing | - | - | 153 | - | - | - | - | - | 186 | - | 338 |
| Wood and wood products | - | - | 42 | - | - | - | - | 29 | 138 | - | 208 |
| Construction | - | - | 115 | - | - | - | - | - | - | - | 115 |
| Textile and leather | - | - | 179 | - | - | - | - | - | 653 | - | 832 |
| Non-specified | 884 | - | 947 | 1736 | - | - | - | - | 157 | - | 3725 |
| TRANSPORT SECTOR | - | - | 17845 | 191 | - | - | - | 143 | 12 | - | 18191 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 17698 | 191 | - | - | - | 143 | - | - | 18032 |
| Rail | - | - | 93 | - | - | - | - | - | 12 | - | 105 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | 54 | - | - | - | - | - | - | - | 54 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 5683 | - | - | - | - | 5957 | 6181 | - | 17821 |
| Residential | - | - | 2226 | - | - | - | - | 5957 | 2412 | - | 10594 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 3686 | - | 3686 |
| Agriculture/forestry | - | - | 3457 | - | - | - | - | - | 23 | - | 3480 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | 60 | - | 60 |
| NON-ENERGY USE | - | 3263 | 6707 | 448 | - | - | - | - | - | - | 10418 |
| in industry/transf./energy | - | 3263 | 6707 | 448 | - | - | - | - | - | - | 10418 |
| <i>of which: feedstocks</i> | - | 3263 | 1765 | 448 | - | - | - | - | - | - | 5476 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 30681 | - | 3848 | 96542 | - | 8114 | 3 | 4190 | - | - | 143378 |
| <i>Electricity plants</i> | 30681 | - | 3848 | 96542 | - | 8114 | 3 | 4190 | - | - | 143378 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Togo

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-----------|--------------------|-----|---------|----------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | - | - | - | - | 8 | - | 2031 | - | - | 2039 |
| Imports | - | - | 277 | - | - | - | - | - | 43 | - | 321 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -2 | - | - | - | - | - | - | - | -2 |
| Intl. aviation bunkers | - | - | -36 | - | - | - | - | - | - | - | -36 |
| Stock changes | - | - | 47 | - | - | - | - | - | - | - | 47 |
| TPES | - | - | 286 | - | - | 8 | - | 2031 | 43 | - | 2368 |
| Electricity and CHP plants | - | - | -33 | - | - | -8 | - | -6 | 19 | - | -28 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | 13 | - | - | - | - | -915 | -9 | - | -911 |
| TFC | - | - | 265 | - | - | - | - | 1110 | 54 | - | 1429 |
| INDUSTRY SECTOR | - | - | 23 | - | - | - | - | - | 16 | - | 39 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | 21 | - | - | - | - | - | 12 | - | 33 |
| Other/non-specified | - | - | 2 | - | - | - | - | - | 4 | - | 6 |
| TRANSPORT SECTOR | - | - | 192 | - | - | - | - | - | - | - | 192 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 192 | - | - | - | - | - | - | - | 192 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 44 | - | - | - | - | 1110 | 37 | - | 1192 |
| Residential | - | - | 44 | - | - | - | - | 975 | 29 | - | 1048 |
| Comm. and publ. services | - | - | - | - | - | - | - | 136 | 7 | - | 143 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | 1 | - | 1 |
| NON-ENERGY USE | - | - | 6 | - | - | - | - | - | - | - | 6 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 127 | - | - | 91 | - | 3 | - | - | 221 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|----------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | - | - | - | - | 8 | - | 2091 | - | - | 2099 |
| Imports | - | - | 309 | - | - | - | - | - | 44 | - | 353 |
| Exports | - | - | - | - | - | - | - | - | - | - | - |
| Intl. marine bunkers | - | - | -2 | - | - | - | - | - | - | - | -2 |
| Intl. aviation bunkers | - | - | -32 | - | - | - | - | - | - | - | -32 |
| Stock changes | - | - | 41 | - | - | - | - | - | - | - | 41 |
| TPES | - | - | 315 | - | - | 8 | - | 2091 | 44 | - | 2458 |
| Electricity and CHP plants | - | - | -26 | - | - | -8 | - | -18 | 17 | - | -35 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | - | -15 | - | - | - | - | -936 | -9 | - | -960 |
| TFC | - | - | 274 | - | - | - | - | 1137 | 52 | - | 1463 |
| INDUSTRY SECTOR | - | - | 12 | - | - | - | - | - | 17 | - | 28 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | 10 | - | - | - | - | - | 13 | - | 22 |
| Other/non-specified | - | - | 2 | - | - | - | - | - | 4 | - | 6 |
| TRANSPORT SECTOR | - | - | 215 | - | - | - | - | - | - | - | 215 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 215 | - | - | - | - | - | - | - | 215 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 44 | - | - | - | - | 1137 | 36 | - | 1216 |
| Residential | - | - | 44 | - | - | - | - | 997 | 29 | - | 1070 |
| Comm. and publ. services | - | - | - | - | - | - | - | 139 | 7 | - | 146 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 4 | - | - | - | - | - | - | - | 4 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 94 | - | - | 92 | - | 10 | - | - | 196 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Trinidad-and-Tobago / Trinité-et-Tobago

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|--------------|---------|-------|----------------------|-------------------------|-------------|------|--------------|
| Production | - | 8448 | - | 26140 | - | - | - | 32 | - | - | 34620 |
| Imports | - | 4867 | 80 | - | - | - | - | - | - | - | 4947 |
| Exports | - | -4436 | -7399 | -13597 | - | - | - | - | - | - | -25433 |
| Intl. marine bunkers | - | - | -270 | - | - | - | - | - | - | - | -270 |
| Intl. aviation bunkers | - | - | -76 | - | - | - | - | - | - | - | -76 |
| Stock changes | - | 169 | 270 | - | - | - | - | - | - | - | 439 |
| TPES | - | 9049 | -7394 | 12542 | - | - | - | 32 | - | - | 14229 |
| Electricity and CHP plants | - | - | -3 | -2179 | - | - | - | -32 | 606 | - | -1608 |
| Petroleum refineries | - | -8322 | 7600 | - | - | - | - | - | - | - | -722 |
| Other transformation* | - | -727 | 739 | -976 | - | - | - | - | -56 | - | -1020 |
| TFC | - | - | 941 | 9387 | - | - | - | - | 550 | - | 10878 |
| INDUSTRY SECTOR | - | - | 115 | 1249 | - | - | - | - | 348 | - | 1712 |
| Iron and steel | - | - | - | 950 | - | - | - | - | - | - | 950 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | 136 | - | - | - | - | - | - | 136 |
| Other/non-specified | - | - | 115 | 163 | - | - | - | - | 348 | - | 626 |
| TRANSPORT SECTOR | - | - | 723 | - | - | - | - | - | - | - | 723 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 723 | - | - | - | - | - | - | - | 723 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 96 | - | - | - | - | - | 202 | - | 298 |
| Residential | - | - | 96 | - | - | - | - | - | 145 | - | 242 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 57 | - | 57 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 7 | 8138 | - | - | - | - | - | - | 8144 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 15 | 7003 | - | - | - | 27 | - | - | 7045 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|--------------|-----------|-------|------------------------|----------------------|-------------|---------|--------------|
| Production | - | 8181 | - | 28792 | - | - | - | 12 | - | - | 36984 |
| Imports | - | 5460 | 11 | - | - | - | - | - | - | - | 5470 |
| Exports | - | -4499 | -7274 | -15313 | - | - | - | - | - | - | -27086 |
| Intl. marine bunkers | - | - | -261 | - | - | - | - | - | - | - | -261 |
| Intl. aviation bunkers | - | - | -85 | - | - | - | - | - | - | - | -85 |
| Stock changes | - | 2 | 258 | - | - | - | - | - | - | - | 260 |
| TPES | - | 9144 | -7352 | 13479 | - | - | - | 12 | - | - | 15282 |
| Electricity and CHP plants | - | - | -8 | -2414 | - | - | - | -12 | 659 | - | -1775 |
| Petroleum refineries | - | -8353 | 7635 | - | - | - | - | - | - | - | -718 |
| Other transformation* | - | -791 | 684 | -1310 | - | - | - | - | -27 | - | -1444 |
| TFC | - | - | 959 | 9755 | - | - | - | - | 631 | - | 11346 |
| INDUSTRY SECTOR | - | - | 129 | 1677 | - | - | - | - | 372 | - | 2177 |
| Iron and steel | - | - | - | 1275 | - | - | - | - | - | - | 1275 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | 182 | - | - | - | - | - | - | 182 |
| Other/non-specified | - | - | 129 | 220 | - | - | - | - | 372 | - | 720 |
| TRANSPORT SECTOR | - | - | 728 | - | - | - | - | - | - | - | 728 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 728 | - | - | - | - | - | - | - | 728 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 96 | - | - | - | - | - | 259 | - | 356 |
| Residential | - | - | 96 | - | - | - | - | - | 198 | - | 294 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 62 | - | 62 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 7 | 8079 | - | - | - | - | - | - | 8085 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 18 | 7634 | - | - | - | 10 | - | - | 7662 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Tunisia / Tunisie

Figure 1. Energy production

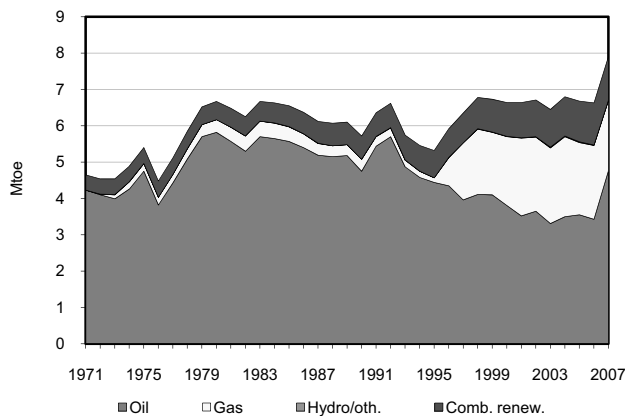


Figure 2. Total primary energy supply*

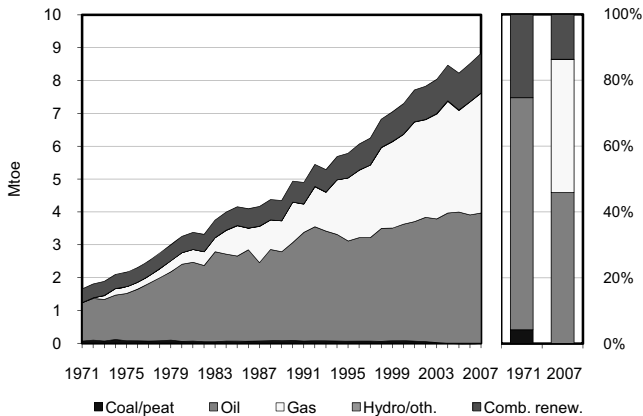


Figure 3. Energy self-sufficiency**

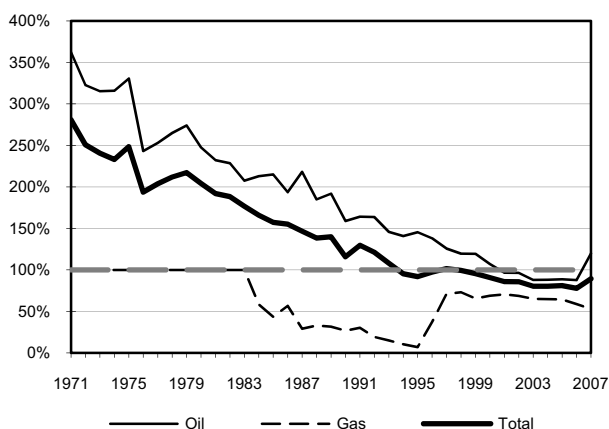


Figure 4. Oil products demand***

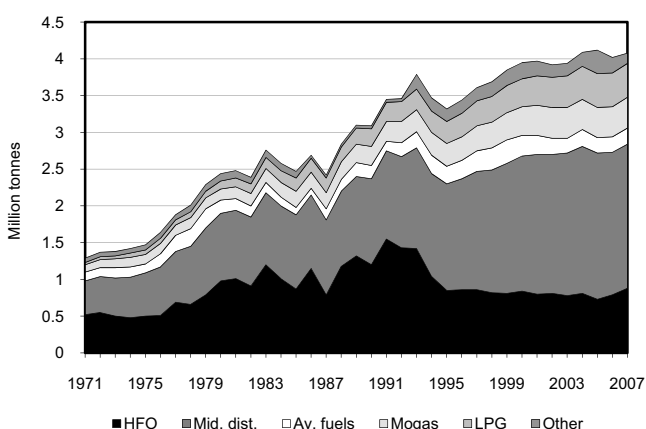


Figure 5. Electricity generation by fuel

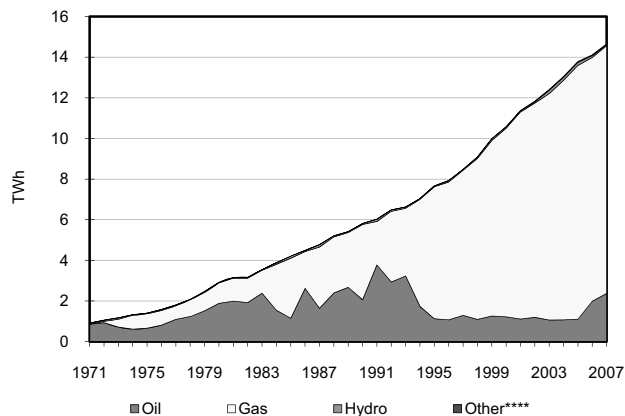
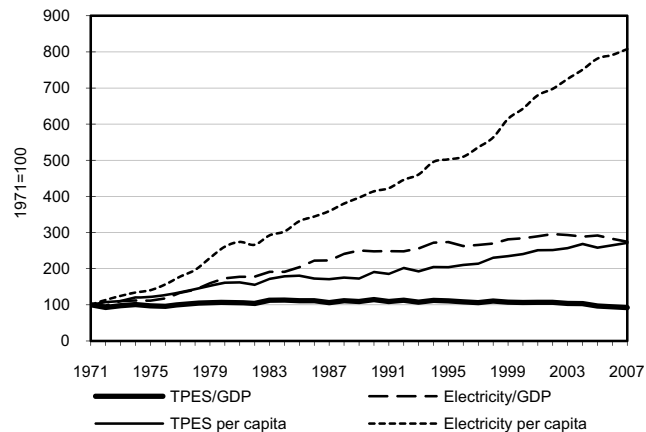


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Tunisia / Tunisie

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | - | 3430 | - | 2028 | - | 8 | 3 | 1162 | - | - | 6632 |
| Imports | - | 1215 | 3003 | 1414 | - | - | - | - | 12 | - | 5644 |
| Exports | - | -2759 | -692 | - | - | - | - | - | -12 | - | -3463 |
| Intl. marine bunkers | - | - | -9 | - | - | - | - | - | - | - | -9 |
| Intl. aviation bunkers | - | - | -219 | - | - | - | - | - | - | - | -219 |
| Stock changes | - | -80 | 17 | - | - | - | - | - | - | - | -63 |
| TPES | - | 1806 | 2100 | 3442 | - | 8 | 3 | 1162 | 1 | - | 8521 |
| Transfers | - | -72 | 77 | - | - | - | - | - | - | - | 5 |
| Statistical differences | - | 14 | 16 | 7 | - | - | - | - | 163 | - | 201 |
| Electricity plants | - | - | -524 | -2580 | - | -8 | -3 | - | 1214 | - | -1900 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -1748 | 1711 | - | - | - | - | - | - | - | -37 |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | -237 | - | - | -237 |
| Own use | - | - | -69 | - | - | - | - | - | -58 | - | -127 |
| Distribution losses | - | - | - | - | - | - | - | - | -152 | - | -152 |
| TFC | - | - | 3311 | 869 | - | - | - | 925 | 1168 | - | 6274 |
| INDUSTRY SECTOR | - | - | 478 | 634 | - | - | - | - | 466 | - | 1577 |
| Iron and steel | - | - | - | - | - | - | - | - | 23 | - | 23 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 24 | - | 24 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | 113 | - | 113 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | - | - | - | - | - | - | - | - | 34 | - | 34 |
| Food and tobacco | - | - | - | - | - | - | - | - | 53 | - | 53 |
| Paper pulp and printing | - | - | - | - | - | - | - | - | 14 | - | 14 |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | - | - | - | - | - | - | - | - | 68 | - | 68 |
| Non-specified | - | - | 478 | 634 | - | - | - | - | 136 | - | 1248 |
| TRANSPORT SECTOR | - | - | 1502 | - | - | - | - | - | 31 | - | 1533 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1502 | - | - | - | - | - | - | - | 1502 |
| Rail | - | - | - | - | - | - | - | - | - | - | - |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | 31 | - | 31 |
| OTHER SECTORS | - | - | 1153 | 235 | - | - | - | 925 | 672 | - | 2986 |
| Residential | - | - | 499 | 187 | - | - | - | 925 | 287 | - | 1898 |
| Comm. and publ. services | - | - | 320 | 49 | - | - | - | - | 316 | - | 685 |
| Agriculture/forestry | - | - | 333 | - | - | - | - | - | 69 | - | 402 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 179 | - | - | - | - | - | - | - | 179 |
| in industry/transf./energy | - | - | 179 | - | - | - | - | - | - | - | 179 |
| <i>of which: feedstocks</i> | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | - | - | 2002 | 11990 | - | 92 | 38 | - | - | - | 14122 |
| <i>Electricity plants</i> | - | - | 2002 | 11990 | - | 92 | 38 | - | - | - | 14122 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Tunisia / Tunisie

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|------------------|--------------|---------------------|--------------|-----------|-----------|------------------------|-------------------------|-------------|---------|--------------|
| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
| Production | - | 4758 | - | 1931 | - | 4 | 4 | 1205 | - | - | 7901 |
| Imports | - | 1183 | 3070 | 1723 | - | - | - | - | - | - | 5977 |
| Exports | - | -3996 | -837 | - | - | - | - | - | - | - | -4833 |
| Intl. marine bunkers | - | - | -8 | - | - | - | - | - | - | - | -8 |
| Intl. aviation bunkers | - | - | -230 | - | - | - | - | - | - | - | -230 |
| Stock changes | - | -28 | 57 | - | - | - | - | - | - | - | 29 |
| TPES | - | 1917 | 2053 | 3654 | - | 4 | 4 | 1205 | - | - | 8837 |
| Transfers | - | -71 | 76 | - | - | - | - | - | - | - | 5 |
| Statistical differences | - | 21 | 10 | -9 | - | - | - | - | 3 | - | 24 |
| Electricity plants | - | - | -604 | -2663 | - | -4 | -4 | - | 1261 | - | -2014 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -1866 | 1828 | - | - | - | - | - | - | - | -38 |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | -248 | - | - | -248 |
| Own use | - | - | -71 | - | - | - | - | - | -60 | - | -131 |
| Distribution losses | - | - | - | - | - | - | - | - | -163 | - | -163 |
| TFC | - | - | 3292 | 982 | - | - | - | 957 | 1040 | - | 6271 |
| INDUSTRY SECTOR | - | - | 453 | 724 | - | - | - | - | 479 | - | 1656 |
| Iron and steel | - | - | - | - | - | - | - | - | 24 | - | 24 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 25 | - | 25 |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | 117 | - | 117 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | - | - | - | - | - | - | - | - | 35 | - | 35 |
| Food and tobacco | - | - | - | - | - | - | - | - | 54 | - | 54 |
| Paper pulp and printing | - | - | - | - | - | - | - | - | 15 | - | 15 |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | - | - | - | - | - | - | - | - | 70 | - | 70 |
| Non-specified | - | - | 453 | 724 | - | - | - | - | 140 | - | 1317 |
| TRANSPORT SECTOR | - | - | 1581 | - | - | - | - | - | 14 | - | 1595 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1545 | - | - | - | - | - | - | - | 1545 |
| Rail | - | - | - | - | - | - | - | - | - | - | - |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 36 | - | - | - | - | - | 14 | - | 50 |
| OTHER SECTORS | - | - | 1146 | 258 | - | - | - | 957 | 547 | - | 2908 |
| Residential | - | - | 492 | 186 | - | - | - | 957 | 263 | - | 1898 |
| Comm. and publ. services | - | - | 325 | 73 | - | - | - | - | 228 | - | 626 |
| Agriculture/forestry | - | - | 329 | - | - | - | - | - | 56 | - | 385 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 111 | - | - | - | - | - | - | - | 111 |
| in industry/transf./energy | - | - | 111 | - | - | - | - | - | - | - | 111 |
| of which: feedstocks | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | - | - | 2382 | 12187 | - | 49 | 43 | - | - | - | 14661 |
| Electricity plants | - | - | 2382 | 12187 | - | 49 | 43 | - | - | - | 14661 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |

Turkmenistan / Turkménistan

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-------------|-------------|--------------------|--------------|---------|-------|----------------------|-------------------------|-------------|------------|--------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | - | 8759 | - | 51500 | - | - | - | - | - | - | 60260 |
| Imports | - | - | 88 | - | - | - | - | - | - | - | 88 |
| Exports | - | -1507 | -3041 | -39193 | - | - | - | - | -115 | - | -43856 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | 7252 | -2953 | 12308 | - | - | - | - | -115 | - | 16491 |
| Electricity and CHP plants | - | - | - | -5267 | - | - | - | - | 1174 | 157 | -3936 |
| Petroleum refineries | - | -6633 | 6594 | - | - | - | - | - | - | - | -39 |
| Other transformation* | - | -619 | -507 | -1223 | - | - | - | - | -376 | - | -2724 |
| TFC | - | - | 3134 | 5818 | - | - | - | - | 683 | 157 | 9792 |
| INDUSTRY SECTOR | - | - | - | - | - | - | - | - | 246 | - | 246 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 80 | - | 80 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | 166 | - | 166 |
| TRANSPORT SECTOR | - | - | 798 | - | - | - | - | - | 17 | - | 815 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 798 | - | - | - | - | - | - | - | 798 |
| Other/non-specified | - | - | - | - | - | - | - | - | 17 | - | 17 |
| OTHER SECTORS | - | - | 2337 | 5818 | - | - | - | - | 420 | 157 | 8732 |
| Residential | - | - | - | - | - | - | - | - | 143 | - | 143 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 217 | - | 217 |
| Other/non-specified | - | - | 2337 | 5818 | - | - | - | - | 60 | 157 | 8371 |
| NON-ENERGY USE | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | - | 13647 | - | 3 | - | - | - | - | 13650 |
| Heat generated - TJ | - | - | - | 6590 | - | - | - | - | - | - | 6590 |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|-------------------------------------|------------------|--------------|---------------------|--------------|-----------|-------|------------------------|----------------------|-------------|------------|--------------|
| Production | - | 10003 | - | 56084 | - | - | - | - | - | - | 66088 |
| Imports | - | - | 88 | - | - | - | - | - | - | - | 88 |
| Exports | - | -1909 | -3386 | -42681 | - | - | - | - | -126 | - | -48102 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | 8093 | -3298 | 13403 | - | - | - | - | -126 | - | 18073 |
| Electricity and CHP plants | - | - | - | -5742 | - | - | - | - | 1279 | 172 | -4291 |
| Petroleum refineries | - | -7387 | 7344 | - | - | - | - | - | - | - | -43 |
| Other transformation* | - | -707 | -565 | -1332 | - | - | - | - | -410 | - | -3013 |
| TFC | - | - | 3480 | 6330 | - | - | - | - | 745 | 172 | 10726 |
| INDUSTRY SECTOR | - | - | - | - | - | - | - | - | 268 | - | 268 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | 87 | - | 87 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | - | 181 | - | 181 |
| TRANSPORT SECTOR | - | - | 888 | - | - | - | - | - | 19 | - | 907 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 888 | - | - | - | - | - | - | - | 888 |
| Other/non-specified | - | - | - | - | - | - | - | - | 19 | - | 19 |
| OTHER SECTORS | - | - | 2592 | 6330 | - | - | - | - | 458 | 172 | 9552 |
| Residential | - | - | - | - | - | - | - | - | 156 | - | 156 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | - | - | - |
| Agriculture/forestry | - | - | - | - | - | - | - | - | 236 | - | 236 |
| Other/non-specified | - | - | 2592 | 6330 | - | - | - | - | 65 | 172 | 9159 |
| NON-ENERGY USE | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | - | 14877 | - | 3 | - | - | - | - | 14880 |
| Heat generated - TJ | - | - | - | 7184 | - | - | - | - | - | - | 7184 |

* Includes transfers, statistical differences, own use and distribution losses.

Ukraine

Figure 1. Energy production

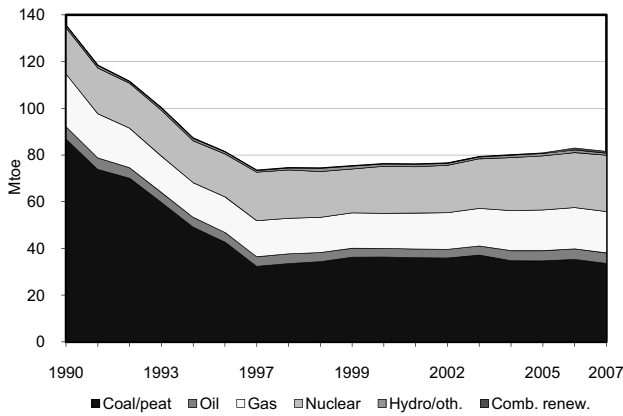


Figure 2. Total primary energy supply*

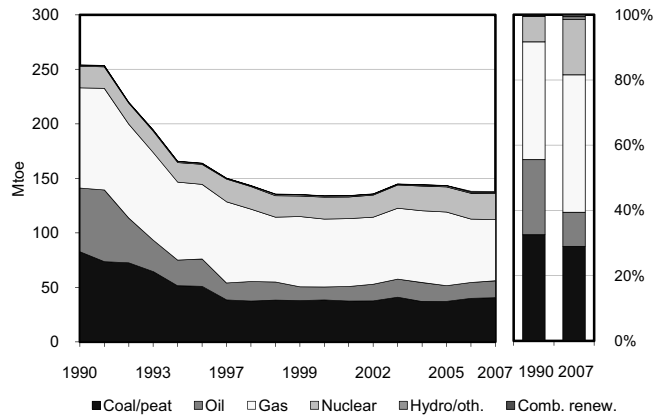


Figure 3. Energy self-sufficiency**

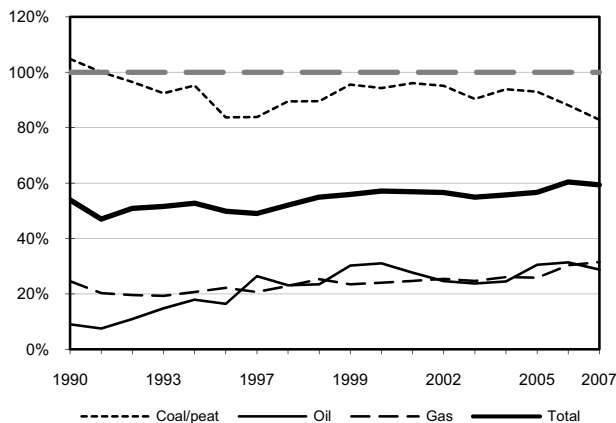


Figure 4. Oil products demand***

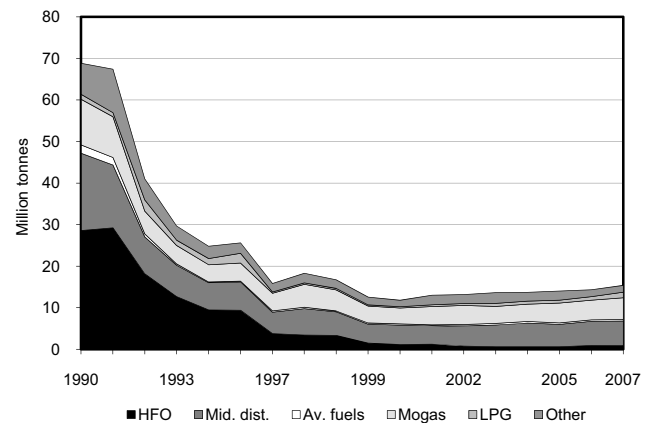


Figure 5. Electricity generation by fuel

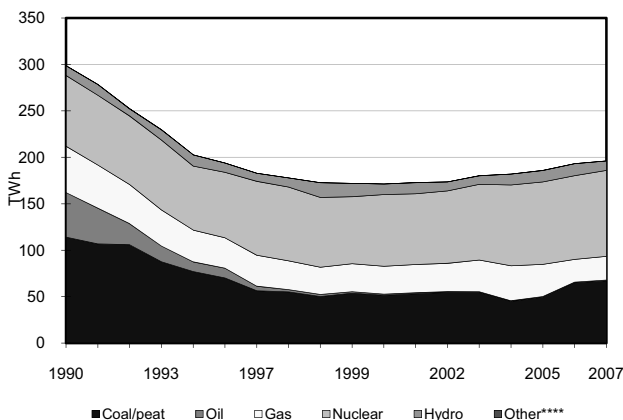
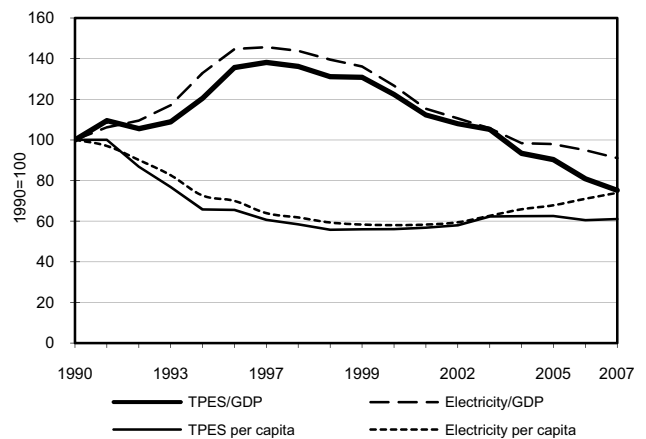


Figure 6. Selected indicators*****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international marine bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** Includes geothermal, solar, wind, combustible renewables & waste, etc.

***** GDP in 2000 US dollars.

Ukraine

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|---------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 35339 | 4539 | - | 17685 | 23513 | 1108 | 3 | 821 | - | - | 83008 |
| Imports | 6745 | 11165 | 4063 | 42112 | - | - | - | - | 179 | - | 64265 |
| Exports | -2082 | -161 | -4745 | -3 | - | - | - | - | -1077 | - | -8068 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -334 | - | - | - | - | - | - | - | -334 |
| Stock changes | 91 | -58 | -13 | -1559 | - | - | - | - | - | - | -1539 |
| TPES | 40093 | 15485 | -1029 | 58235 | 23513 | 1108 | 3 | 821 | -898 | - | 137332 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | 353 | - | 11 | 30 | - | - | - | - | - | - | 395 |
| Electricity plants | -17333 | - | -173 | -1475 | -23513 | -1108 | -3 | - | 14882 | - | -28724 |
| CHP plants | -334 | - | -11 | -6599 | - | - | - | - | 1736 | 3524 | -1684 |
| Heat plants | -378 | - | -1 | -14081 | - | - | - | - | - | 11534 | -2926 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -15451 | 15406 | - | - | - | - | - | - | - | -45 |
| Coal transformation | -8300 | - | -2 | - | - | - | - | - | - | - | -8302 |
| Liquefaction plants | - | 1 | - | -24 | - | - | - | - | - | - | -23 |
| Other transformation | - | - | -264 | -6 | - | - | - | -258 | - | - | -528 |
| Own use | -1797 | -9 | -698 | -1235 | - | - | - | -19 | -2517 | -99 | -6374 |
| Distribution losses | -30 | -8 | -2 | -916 | - | - | - | - | -2054 | -3764 | -6776 |
| TFC | 12274 | 18 | 13237 | 33929 | - | - | - | 543 | 11149 | 11194 | 82345 |
| INDUSTRY SECTOR | 8911 | 5 | 1585 | 10291 | - | - | - | 50 | 5906 | 6023 | 32771 |
| Iron and steel | 7584 | - | 475 | 5212 | - | - | - | - | 2587 | - | 15858 |
| Chemical and petrochemical | 5 | - | 34 | 565 | - | - | - | - | 596 | - | 1199 |
| Non-ferrous metals | 21 | - | 8 | 719 | - | - | - | - | 154 | - | 901 |
| Non-metallic minerals | 140 | - | 75 | 2429 | - | - | - | 27 | 317 | - | 2989 |
| Transport equipment | 3 | - | 33 | 105 | - | - | - | - | 148 | - | 289 |
| Machinery | 16 | - | 75 | 283 | - | - | - | 1 | 399 | - | 774 |
| Mining and quarrying | 227 | - | 276 | 458 | - | - | - | - | 878 | - | 1838 |
| Food and tobacco | 66 | - | 174 | 328 | - | - | - | 5 | 406 | - | 979 |
| Paper pulp and printing | 1 | - | 9 | 27 | - | - | - | - | 94 | - | 132 |
| Wood and wood products | - | - | 15 | 44 | - | - | - | 15 | 42 | - | 116 |
| Construction | 7 | 5 | 377 | 50 | - | - | - | 2 | 113 | - | 554 |
| Textile and leather | 1 | - | 4 | 8 | - | - | - | - | 44 | - | 58 |
| Non-specified | 841 | - | 30 | 63 | - | - | - | - | 127 | 6023 | 7084 |
| TRANSPORT SECTOR | 1 | - | 7879 | 2938 | - | - | - | 5 | 851 | - | 11674 |
| Domestic aviation | - | - | 40 | - | - | - | - | - | - | - | 40 |
| Road | - | - | 7334 | 64 | - | - | - | - | - | - | 7398 |
| Rail | - | - | 309 | - | - | - | - | - | 536 | - | 845 |
| Pipeline transport | - | - | 12 | 2849 | - | - | - | - | 73 | - | 2935 |
| Domestic navigation | - | - | 143 | - | - | - | - | - | - | - | 143 |
| Non-specified | 1 | - | 40 | 25 | - | - | - | 5 | 241 | - | 312 |
| OTHER SECTORS | 2201 | - | 2082 | 15543 | - | - | - | 488 | 4393 | 5171 | 29877 |
| Residential | 1847 | - | 673 | 14880 | - | - | - | 411 | 2380 | 5171 | 25363 |
| Comm. and publ. services | 328 | - | 51 | 532 | - | - | - | 50 | 1733 | - | 2695 |
| Agriculture/forestry | 25 | - | 1357 | 130 | - | - | - | 27 | 276 | - | 1816 |
| Fishing | - | - | - | - | - | - | - | - | 4 | - | 4 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | 1161 | 13 | 1692 | 5157 | - | - | - | - | - | - | 8023 |
| in industry/transf./energy | 1161 | 13 | 1688 | 5157 | - | - | - | - | - | - | 8019 |
| <i>of which: feedstocks</i> | 7 | - | 330 | 5154 | - | - | - | - | - | - | 5491 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | 4 | - | - | - | - | - | - | - | 4 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 64942 | - | 695 | 24450 | 90225 | 12886 | 35 | - | - | - | 193233 |
| <i>Electricity plants</i> | 63753 | - | 652 | 5491 | 90225 | 12886 | 35 | - | - | - | 173042 |
| <i>CHP plants</i> | 1189 | - | 43 | 18959 | - | - | - | - | - | - | 20191 |
| Heat generated - TJ | 12775 | - | 264 | 617510 | - | - | - | - | - | - | 630549 |
| <i>CHP plants</i> | 7419 | - | 231 | 139905 | - | - | - | - | - | - | 147555 |
| <i>Heat plants</i> | 5356 | - | 33 | 477605 | - | - | - | - | - | - | 482994 |

Ukraine

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|---------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 33642 | 4477 | - | 17697 | 24117 | 872 | 4 | 792 | - | - | 81600 |
| Imports | 9280 | 10299 | 5371 | 42000 | - | - | - | - | 291 | - | 67241 |
| Exports | -2279 | -4 | -4263 | -3 | - | - | - | - | -1080 | - | -7629 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -357 | - | - | - | - | - | - | - | -357 |
| Stock changes | -35 | 118 | -106 | -3549 | - | - | - | 59 | - | - | -3513 |
| TPES | 40608 | 14889 | 645 | 56144 | 24117 | 872 | 4 | 851 | -789 | - | 137342 |
| Transfers | - | - | - | - | - | - | - | - | - | - | - |
| Statistical differences | 2192 | - | -152 | 36 | - | - | - | - | - | - | 2076 |
| Electricity plants | -17892 | - | -189 | -1863 | -24117 | -872 | -4 | - | 15144 | - | -29792 |
| CHP plants | -394 | - | -13 | -5881 | - | - | - | - | 1723 | 3137 | -1428 |
| Heat plants | -419 | - | -1 | -13276 | - | - | - | - | - | 10464 | -3232 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -14848 | 14974 | - | - | - | - | - | - | - | 126 |
| Coal transformation | -9317 | - | -2 | - | - | - | - | - | - | - | -9319 |
| Liquefaction plants | - | 2 | - | -24 | - | - | - | - | - | - | -22 |
| Other transformation | - | - | -305 | -12 | - | - | - | -286 | - | - | -603 |
| Own use | -1812 | -5 | -711 | -1201 | - | - | - | -44 | -2492 | -90 | -6355 |
| Distribution losses | -19 | -19 | - | -945 | - | - | - | - | -1974 | -3400 | -6358 |
| TFC | 12947 | 19 | 14245 | 32978 | - | - | - | 521 | 11613 | 10111 | 82434 |
| INDUSTRY SECTOR | 9957 | - | 1599 | 10893 | - | - | - | 64 | 6154 | 5440 | 34108 |
| Iron and steel | 8393 | - | 374 | 5612 | - | - | - | - | 2753 | - | 17131 |
| Chemical and petrochemical | 19 | - | 29 | 689 | - | - | - | - | 582 | - | 1318 |
| Non-ferrous metals | 22 | - | 6 | 731 | - | - | - | - | 154 | - | 912 |
| Non-metallic minerals | 345 | - | 93 | 2431 | - | - | - | 34 | 344 | - | 3247 |
| Transport equipment | 2 | - | 32 | 102 | - | - | - | - | 149 | - | 284 |
| Machinery | 17 | - | 50 | 347 | - | - | - | 1 | 407 | - | 822 |
| Mining and quarrying | 252 | - | 288 | 474 | - | - | - | - | 903 | - | 1917 |
| Food and tobacco | 48 | - | 177 | 307 | - | - | - | 4 | 410 | - | 945 |
| Paper pulp and printing | 1 | - | 6 | 32 | - | - | - | - | 100 | - | 138 |
| Wood and wood products | - | - | 16 | 56 | - | - | - | 21 | 45 | - | 139 |
| Construction | 8 | - | 474 | 66 | - | - | - | 2 | 128 | - | 678 |
| Textile and leather | 2 | - | 4 | 7 | - | - | - | - | 42 | - | 54 |
| Non-specified | 851 | - | 50 | 41 | - | - | - | 2 | 137 | 5440 | 6522 |
| TRANSPORT SECTOR | 39 | - | 8480 | 2939 | - | - | - | 2 | 903 | - | 12364 |
| Domestic aviation | - | - | 46 | - | - | - | - | - | - | - | 46 |
| Road | - | - | 7982 | 61 | - | - | - | 1 | - | - | 8044 |
| Rail | 37 | - | 281 | - | - | - | - | 2 | 580 | - | 900 |
| Pipeline transport | - | - | 12 | 2854 | - | - | - | - | 82 | - | 2948 |
| Domestic navigation | - | - | 135 | - | - | - | - | - | - | - | 135 |
| Non-specified | 2 | - | 23 | 24 | - | - | - | - | 242 | - | 291 |
| OTHER SECTORS | 1745 | - | 2152 | 14030 | - | - | - | 455 | 4555 | 4671 | 27608 |
| Residential | 1443 | - | 714 | 13361 | - | - | - | 392 | 2430 | 4671 | 23011 |
| Comm. and publ. services | 277 | - | 55 | 535 | - | - | - | 44 | 1839 | - | 2751 |
| Agriculture/forestry | 25 | - | 1382 | 134 | - | - | - | 4 | 282 | - | 1828 |
| Fishing | - | - | - | - | - | - | - | 14 | 4 | - | 19 |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | 1205 | 19 | 2015 | 5116 | - | - | - | - | - | - | 8354 |
| in industry/transf./energy | 1205 | 19 | 2009 | 5116 | - | - | - | - | - | - | 8348 |
| <i>of which: feedstocks</i> | 7 | - | 623 | 5114 | - | - | - | - | - | - | 5744 |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | 6 | - | - | - | - | - | - | - | 6 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 67101 | - | 759 | 25545 | 92542 | 10143 | 45 | - | - | - | 196135 |
| <i>Electricity plants</i> | 65725 | - | 709 | 6932 | 92542 | 10143 | 45 | - | - | - | 176096 |
| <i>CHP plants</i> | 1376 | - | 50 | 18613 | - | - | - | - | - | - | 20039 |
| Heat generated - TJ | 14842 | - | 303 | 554409 | - | - | - | - | - | - | 569554 |
| <i>CHP plants</i> | 8587 | - | 270 | 122516 | - | - | - | - | - | - | 131373 |
| <i>Heat plants</i> | 6255 | - | 33 | 431893 | - | - | - | - | - | - | 438181 |

United Arab Emirates / Emirats arabes unis

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|--------------|--------------------|--------------|---------|-------|----------------------|-------------------------|-------------|------|--------------|
| Production | - | 137596 | - | 40858 | - | - | - | - | - | - | 178454 |
| Imports | - | - | 15446 | 1143 | - | - | - | 17 | - | - | 16606 |
| Exports | - | -107496 | -19688 | -5934 | - | - | - | - | - | - | -133118 |
| Intl. marine bunkers | - | - | -12737 | - | - | - | - | - | - | - | -12737 |
| Intl. aviation bunkers | - | - | -3824 | - | - | - | - | - | - | - | -3824 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | 30100 | -20804 | 36067 | - | - | - | 17 | - | - | 45381 |
| Electricity and CHP plants | - | - | -527 | -22733 | - | - | - | - | 5742 | - | -17517 |
| Petroleum refineries | - | -18124 | 18327 | - | - | - | - | - | - | - | 203 |
| Other transformation* | - | -11977 | 12868 | -593 | - | - | - | - | -646 | - | -348 |
| TFC | - | - | 9865 | 12741 | - | - | - | 17 | 5096 | - | 27720 |
| INDUSTRY SECTOR | - | - | 1046 | 12741 | - | - | - | - | 641 | - | 14428 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | 12741 | - | - | - | - | - | - | 12741 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 1046 | - | - | - | - | - | 641 | - | 1687 |
| TRANSPORT SECTOR | - | - | 7754 | - | - | - | - | - | - | - | 7754 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 7754 | - | - | - | - | - | - | - | 7754 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 1036 | - | - | - | - | 17 | 4456 | - | 5509 |
| Residential | - | - | 1036 | - | - | - | - | - | 1840 | - | 2876 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 1807 | - | 1807 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | 17 | 809 | - | 826 |
| NON-ENERGY USE | - | - | 30 | - | - | - | - | - | - | - | 30 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 1358 | 65410 | - | - | - | - | - | - | 66768 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|--------------|-----------|-------|------------------------|----------------------|-------------|---------|--------------|
| Production | - | 135440 | - | 42911 | - | - | - | - | - | - | 178351 |
| Imports | - | - | 17430 | 5267 | - | - | - | 17 | - | - | 22714 |
| Exports | - | -107017 | -18247 | -6386 | - | - | - | - | - | - | -131650 |
| Intl. marine bunkers | - | - | -13793 | - | - | - | - | - | - | - | -13793 |
| Intl. aviation bunkers | - | - | -3986 | - | - | - | - | - | - | - | -3986 |
| Stock changes | - | - | - | - | - | - | - | - | - | - | - |
| TPES | - | 28423 | -18596 | 41792 | - | - | - | 17 | - | - | 51636 |
| Electricity and CHP plants | - | - | -550 | -26341 | - | - | - | - | 6545 | - | -20346 |
| Petroleum refineries | - | -16694 | 16875 | - | - | - | - | - | - | - | 180 |
| Other transformation* | - | -11728 | 12637 | -639 | - | - | - | - | -736 | - | -465 |
| TFC | - | - | 10367 | 14813 | - | - | - | 17 | 5809 | - | 31005 |
| INDUSTRY SECTOR | - | - | 1071 | 14813 | - | - | - | - | 577 | - | 16461 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | 14813 | - | - | - | - | - | - | 14813 |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 1071 | - | - | - | - | - | 577 | - | 1648 |
| TRANSPORT SECTOR | - | - | 8149 | - | - | - | - | - | - | - | 8149 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 8149 | - | - | - | - | - | - | - | 8149 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 1116 | - | - | - | - | 17 | 5232 | - | 6365 |
| Residential | - | - | 1116 | - | - | - | - | - | 2122 | - | 3238 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 1818 | - | 1818 |
| Agriculture/forestry | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | - | - | - | - | - | 17 | 1292 | - | 1309 |
| NON-ENERGY USE | - | - | 31 | - | - | - | - | - | - | - | 31 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 1419 | 74687 | - | - | - | - | - | - | 76106 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Uruguay

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|------------|----------|------------|----------------------|-------------------------|-------------|----------|-------------|
| Production | - | - | - | - | - | 309 | - | 475 | - | - | 784 |
| Imports | 2 | 1871 | 760 | 101 | - | - | - | 1 | 244 | - | 2978 |
| Exports | - | - | -292 | - | - | - | - | - | -1 | - | -293 |
| Intl. marine bunkers | - | - | -245 | - | - | - | - | - | - | - | -245 |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | - | 54 | -87 | - | - | - | - | - | - | - | -34 |
| TPES | 2 | 1924 | 135 | 101 | - | 309 | - | 475 | 242 | - | 3190 |
| Electricity and CHP plants | - | - | -524 | -1 | - | -309 | - | -12 | 483 | - | -363 |
| Petroleum refineries | - | -1924 | 1814 | - | - | - | - | - | - | - | -110 |
| Other transformation* | 1 | - | -125 | -17 | - | - | - | - | -156 | - | -297 |
| TFC | 3 | - | 1300 | 83 | - | - | - | 464 | 570 | - | 2420 |
| INDUSTRY SECTOR | 3 | - | 128 | 59 | - | - | - | 158 | 155 | - | 503 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 3 | - | 128 | 59 | - | - | - | 158 | 155 | - | 503 |
| TRANSPORT SECTOR | - | - | 777 | - | - | - | - | - | - | - | 777 |
| Domestic aviation | - | - | 4 | - | - | - | - | - | - | - | 4 |
| Road | - | - | 773 | - | - | - | - | - | - | - | 773 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 341 | 24 | - | - | - | 306 | 415 | - | 1086 |
| Residential | - | - | 125 | 13 | - | - | - | 302 | 234 | - | 674 |
| Comm. and publ. services | - | - | 35 | 11 | - | - | - | 3 | 160 | - | 209 |
| Agriculture/forestry | - | - | 180 | - | - | - | - | - | 21 | - | 201 |
| Other/non-specified | - | - | 2 | - | - | - | - | - | - | - | 2 |
| NON-ENERGY USE | - | - | 53 | - | - | - | - | - | - | - | 53 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 1973 | 3 | - | 3596 | - | 47 | - | - | 5619 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----------|-----------|------------|------------------------|----------------------|-------------|----------|-------------|
| Production | - | - | - | - | - | 694 | - | 519 | - | - | 1213 |
| Imports | 3 | 1548 | 759 | 94 | - | - | - | - | 68 | - | 2470 |
| Exports | - | - | -198 | - | - | - | - | - | -86 | - | -284 |
| Intl. marine bunkers | - | - | -328 | - | - | - | - | - | - | - | -328 |
| Intl. aviation bunkers | - | - | -68 | - | - | - | - | - | - | - | -68 |
| Stock changes | - | 105 | 57 | - | - | - | - | - | - | - | 162 |
| TPES | 3 | 1653 | 222 | 94 | - | 694 | - | 519 | -18 | - | 3167 |
| Electricity and CHP plants | - | - | -312 | - | - | -694 | - | -32 | 811 | - | -228 |
| Petroleum refineries | - | -1652 | 1629 | - | - | - | - | - | - | - | -22 |
| Other transformation* | - | -1 | -119 | -14 | - | - | - | - | -181 | - | -314 |
| TFC | 3 | - | 1421 | 78 | - | - | - | 487 | 613 | - | 2602 |
| INDUSTRY SECTOR | 3 | - | 150 | 49 | - | - | - | 182 | 165 | - | 550 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 3 | - | 150 | 49 | - | - | - | 182 | 165 | - | 550 |
| TRANSPORT SECTOR | - | - | 837 | - | - | - | - | - | - | - | 837 |
| Domestic aviation | - | - | 5 | - | - | - | - | - | - | - | 5 |
| Road | - | - | 831 | - | - | - | - | - | - | - | 831 |
| Other/non-specified | - | - | 1 | - | - | - | - | - | - | - | 1 |
| OTHER SECTORS | - | - | 359 | 29 | - | - | - | 305 | 448 | - | 1141 |
| Residential | - | - | 140 | 16 | - | - | - | 302 | 251 | - | 709 |
| Comm. and publ. services | - | - | 35 | 13 | - | - | - | 3 | 176 | - | 228 |
| Agriculture/forestry | - | - | 181 | - | - | - | - | - | 20 | - | 202 |
| Other/non-specified | - | - | 2 | - | - | - | - | - | - | - | 2 |
| NON-ENERGY USE | - | - | 75 | - | - | - | - | - | - | - | 75 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 1221 | 2 | - | 8069 | - | 134 | - | - | 9426 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Uzbekistan / Ouzbékistan

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 1094 | 5578 | - | 50950 | - | 545 | - | - | - | - | 58167 |
| Imports | 10 | 4 | - | 893 | - | - | - | - | 984 | - | 1892 |
| Exports | -11 | - | -304 | -10273 | - | - | - | - | -991 | - | -11579 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | -26 | - | - | - | - | - | - | - | - | - | -26 |
| TPES | 1068 | 5582 | -304 | 41571 | - | 545 | - | - | -7 | - | 48454 |
| Transfers | - | -23 | 25 | - | - | - | - | - | - | - | 2 |
| Statistical differences | - | - | - | - | - | - | - | - | - | - | - |
| Electricity plants | -468 | - | -483 | -5003 | - | -545 | - | - | 2529 | - | -3969 |
| CHP plants | -403 | - | -614 | -5115 | - | - | - | - | 1711 | 1313 | -3109 |
| Heat plants | -1 | - | -217 | -1428 | - | - | - | - | - | 1261 | -385 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -5403 | 5289 | - | - | - | - | - | - | - | -114 |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -1 | -8 | -218 | -1816 | - | - | - | - | -362 | - | -2406 |
| Distribution losses | -10 | -62 | - | -1589 | - | - | - | - | -373 | - | -2035 |
| TFC | 184 | 85 | 3479 | 26620 | - | - | - | - | 3497 | 2574 | 36438 |
| INDUSTRY SECTOR | 51 | - | 232 | 6310 | - | - | - | - | 1340 | - | 7933 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | 4 | - | - | - | - | - | - | - | 4 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | 4 | - | - | - | - | - | - | - | 4 |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | - | - | - | - | - | - | - | - | - | - | - |
| Paper pulp and printing | - | - | - | - | - | - | - | - | - | - | - |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | 179 | - | - | - | - | - | - | - | 179 |
| Textile and leather | - | - | 17 | - | - | - | - | - | - | - | 17 |
| Non-specified | 51 | - | 28 | 6310 | - | - | - | - | 1340 | - | 7729 |
| TRANSPORT SECTOR | - | - | 1843 | 1387 | - | - | - | - | 115 | - | 3345 |
| Domestic aviation | - | - | 235 | - | - | - | - | - | - | - | 235 |
| Road | - | - | 1532 | 61 | - | - | - | - | - | - | 1594 |
| Rail | - | - | 75 | - | - | - | - | - | 14 | - | 89 |
| Pipeline transport | - | - | - | 1326 | - | - | - | - | 74 | - | 1399 |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | 28 | - | 28 |
| OTHER SECTORS | 132 | - | 927 | 17292 | - | - | - | - | 2042 | 2574 | 22968 |
| Residential | 14 | - | 19 | 14283 | - | - | - | - | 635 | - | 14951 |
| Comm. and publ. services | - | - | - | 2857 | - | - | - | - | 271 | - | 3128 |
| Agriculture/forestry | 3 | - | 713 | 153 | - | - | - | - | 1136 | - | 2006 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 115 | - | 195 | - | - | - | - | - | - | 2574 | 2884 |
| NON-ENERGY USE | - | 85 | 476 | 1631 | - | - | - | - | - | - | 2192 |
| in industry/transf./energy | - | 85 | 380 | 1631 | - | - | - | - | - | - | 2096 |
| <i>of which: feedstocks</i> | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | 96 | - | - | - | - | - | - | - | 96 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | 2327 | - | 6329 | 34310 | - | 6333 | - | - | - | - | 49299 |
| <i>Electricity plants</i> | 1638 | - | 2867 | 18570 | - | 6333 | - | - | - | - | 29408 |
| <i>CHP plants</i> | 689 | - | 3462 | 15740 | - | - | - | - | - | - | 19891 |
| Heat generated - TJ | 4448 | - | 15862 | 87461 | - | - | - | - | - | - | 107771 |
| <i>CHP plants</i> | 4410 | - | 8772 | 41789 | - | - | - | - | - | - | 54971 |
| <i>Heat plants</i> | 38 | - | 7090 | 45672 | - | - | - | - | - | - | 52800 |

Uzbekistan / Ouzbékistan

2007

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 1149 | 5413 | - | 52940 | - | 550 | - | - | - | - | 60053 |
| Imports | 11 | 4 | - | 893 | - | - | - | - | 977 | - | 1885 |
| Exports | -12 | - | -295 | -11938 | - | - | - | - | -984 | - | -13228 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Stock changes | -27 | - | - | - | - | - | - | - | - | - | -27 |
| TPES | 1120 | 5418 | -295 | 41896 | - | 550 | - | - | -7 | - | 48682 |
| Transfers | - | -22 | 24 | - | - | - | - | - | - | - | 2 |
| Statistical differences | - | - | - | - | - | - | - | - | - | - | - |
| Electricity plants | -491 | - | -469 | -5042 | - | -550 | - | - | 2511 | - | -4041 |
| CHP plants | -423 | - | -596 | -5154 | - | - | - | - | 1699 | 1310 | -3165 |
| Heat plants | -1 | - | -211 | -1440 | - | - | - | - | - | 1258 | -393 |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -5245 | 5134 | - | - | - | - | - | - | - | -111 |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | - | - | - | - |
| Own use | -1 | -8 | -211 | -1831 | - | - | - | - | -360 | - | -2411 |
| Distribution losses | -10 | -60 | - | -1601 | - | - | - | - | -371 | - | -2043 |
| TFC | 193 | 82 | 3376 | 26828 | - | - | - | - | 3472 | 2569 | 36521 |
| INDUSTRY SECTOR | 54 | - | 226 | 6359 | - | - | - | - | 1330 | - | 7969 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-ferrous metals | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | 4 | - | - | - | - | - | - | - | 4 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | 4 | - | - | - | - | - | - | - | 4 |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | - | - | - | - | - | - | - | - | - | - | - |
| Paper pulp and printing | - | - | - | - | - | - | - | - | - | - | - |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | 174 | - | - | - | - | - | - | - | 174 |
| Textile and leather | - | - | 17 | - | - | - | - | - | - | - | 17 |
| Non-specified | 54 | - | 27 | 6359 | - | - | - | - | 1330 | - | 7770 |
| TRANSPORT SECTOR | - | - | 1789 | 1398 | - | - | - | - | 114 | - | 3301 |
| Domestic aviation | - | - | 228 | - | - | - | - | - | - | - | 228 |
| Road | - | - | 1487 | 62 | - | - | - | - | - | - | 1549 |
| Rail | - | - | 73 | - | - | - | - | - | 14 | - | 87 |
| Pipeline transport | - | - | - | 1336 | - | - | - | - | 73 | - | 1409 |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | 27 | - | 27 |
| OTHER SECTORS | 139 | - | 900 | 17427 | - | - | - | - | 2028 | 2569 | 23063 |
| Residential | 15 | - | 19 | 14395 | - | - | - | - | 630 | - | 15058 |
| Comm. and publ. services | - | - | - | 2879 | - | - | - | - | 269 | - | 3148 |
| Agriculture/forestry | 3 | - | 691 | 154 | - | - | - | - | 1129 | - | 1976 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | 121 | - | 190 | - | - | - | - | - | - | 2569 | 2880 |
| NON-ENERGY USE | - | 82 | 462 | 1644 | - | - | - | - | - | - | 2188 |
| in industry/transf./energy | - | 82 | 368 | 1644 | - | - | - | - | - | - | 2094 |
| <i>of which: feedstocks</i> | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | 93 | - | - | - | - | - | - | - | 93 |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|-------------|----------|--------------|--------------|----------|-------------|----------|----------|----------|----------|---------------|
| Electr. generated - GWh | 2442 | - | 5532 | 34576 | - | 6400 | - | - | - | - | 48950 |
| <i>Electricity plants</i> | 1719 | - | 2366 | 18715 | - | 6400 | - | - | - | - | 29200 |
| <i>CHP plants</i> | 723 | - | 3166 | 15861 | - | - | - | - | - | - | 19750 |
| Heat generated - TJ | 4663 | - | 14756 | 88143 | - | - | - | - | - | - | 107562 |
| <i>CHP plants</i> | 4628 | - | 8122 | 42114 | - | - | - | - | - | - | 54864 |
| <i>Heat plants</i> | 35 | - | 6634 | 46029 | - | - | - | - | - | - | 52698 |

Venezuela

Figure 1. Energy production

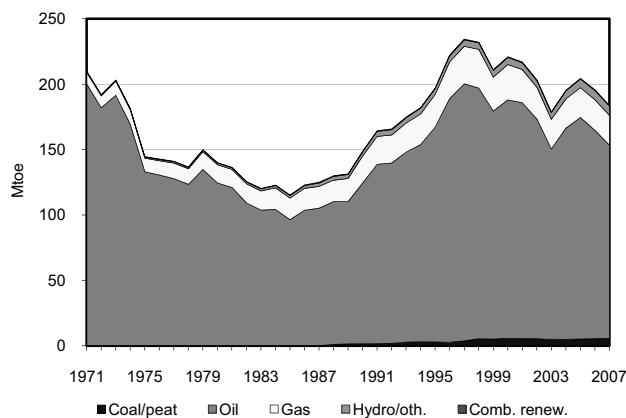


Figure 2. Total primary energy supply*

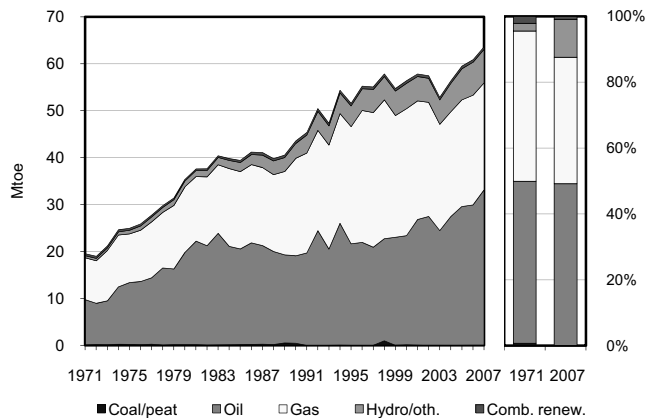


Figure 3. Energy self-sufficiency**

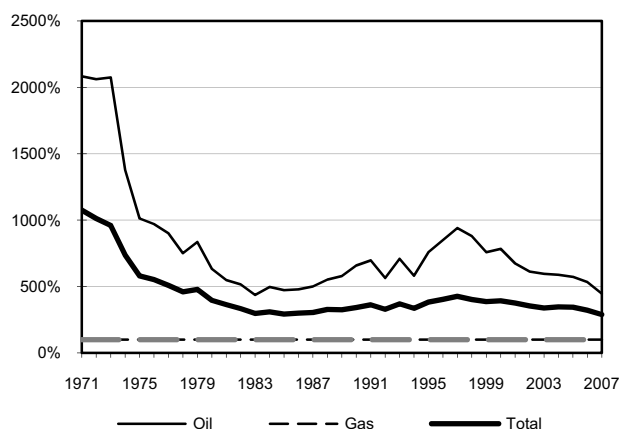


Figure 4. Oil products demand***

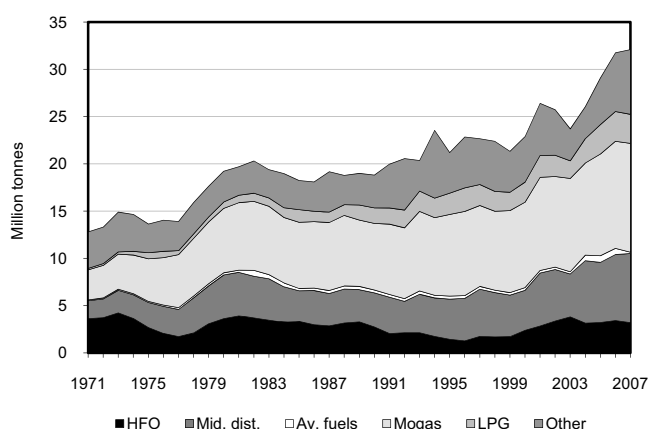


Figure 5. Electricity generation by fuel

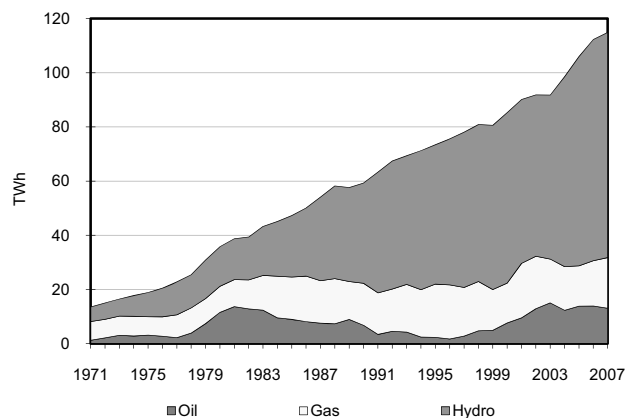
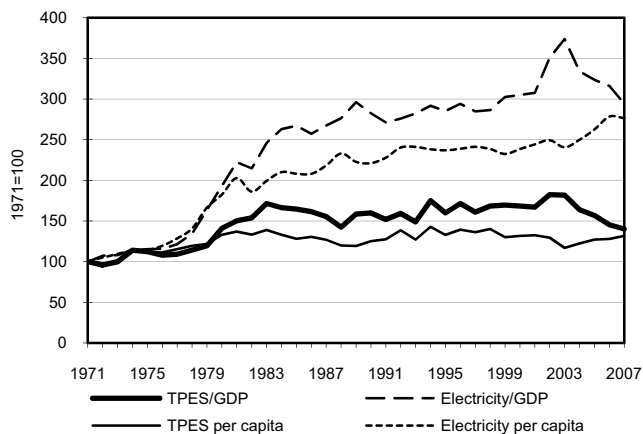


Figure 6. Selected indicators****



* Excluding electricity trade.

** Production divided by TPES.

*** Includes international bunkers. LPG: LPG, NGL, ethane and naphtha. Other also includes direct use of crude oil and other hydrocarbons.

**** GDP in 2000 US dollars.

Venezuela

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|--------------|
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 5357 | 159419 | - | 23395 | - | 7018 | - | 541 | - | - | 195729 |
| Imports | - | - | - | - | - | - | - | - | 119 | - | 119 |
| Exports | -5319 | -93822 | -37603 | - | - | - | - | - | -47 | - | -136791 |
| Intl. marine bunkers | - | - | -801 | - | - | - | - | - | - | - | -801 |
| Intl. aviation bunkers | - | - | -719 | - | - | - | - | - | - | - | -719 |
| Stock changes | - | -16 | 3440 | - | - | - | - | - | - | - | 3424 |
| TPES | 38 | 65581 | -35682 | 23395 | - | 7018 | - | 541 | 71 | - | 60961 |
| Transfers | - | -6226 | 7236 | - | - | - | - | - | - | - | 1010 |
| Statistical differences | - | - | 2850 | 140 | - | - | - | - | -416 | - | 2574 |
| Electricity plants | - | - | -4430 | -4686 | - | -7018 | - | - | 9655 | - | -6479 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -59355 | 58060 | - | - | - | - | - | - | - | -1295 |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | -16 | - | - | -16 |
| Own use | - | - | -4783 | -6771 | - | - | - | - | -283 | - | -11837 |
| Distribution losses | - | - | - | - | - | - | - | - | -2523 | - | -2523 |
| TFC | 38 | - | 23251 | 12078 | - | - | - | 525 | 6504 | - | 42396 |
| INDUSTRY SECTOR | 38 | - | 3678 | 10687 | - | - | - | 331 | 3044 | - | 17778 |
| Iron and steel | - | - | - | 3174 | - | - | - | - | 785 | - | 3959 |
| Chemical and petrochemical | - | - | 1200 | 3486 | - | - | - | - | 392 | - | 5078 |
| Non-ferrous metals | - | - | 46 | 691 | - | - | - | - | 987 | - | 1725 |
| Non-metallic minerals | 38 | - | 86 | 761 | - | - | - | - | - | - | 885 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | - | - | - | - | - | - | - | 331 | - | - | 331 |
| Paper pulp and printing | - | - | - | - | - | - | - | - | - | - | - |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 2345 | 2575 | - | - | - | - | 880 | - | 5800 |
| TRANSPORT SECTOR | - | - | 14781 | 108 | - | - | - | - | 23 | - | 14912 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 14768 | - | - | - | - | - | - | - | 14768 |
| Rail | - | - | 13 | - | - | - | - | - | 23 | - | 36 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | 108 | - | - | - | - | - | - | 108 |
| OTHER SECTORS | - | - | 1628 | 1283 | - | - | - | 194 | 3438 | - | 6543 |
| Residential | - | - | 1505 | 983 | - | - | - | 194 | 1765 | - | 4448 |
| Comm. and publ. services | - | - | 48 | 299 | - | - | - | - | 1637 | - | 1984 |
| Agriculture/forestry | - | - | 76 | - | - | - | - | - | 35 | - | 111 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 3164 | - | - | - | - | - | - | - | 3164 |
| in industry/transf./energy | - | - | 3164 | - | - | - | - | - | - | - | 3164 |
| of which: feedstocks | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |

Electricity and Heat Output

| | | | | | | | | | | | |
|--------------------------------|---|---|--------------|--------------|---|--------------|---|---|---|---|---------------|
| Electr. generated - GWh | - | - | 13928 | 16738 | - | 81600 | - | - | - | - | 112266 |
| Electricity plants | - | - | 13928 | 16738 | - | 81600 | - | - | - | - | 112266 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |

Venezuela

2007

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-----------------------------|---------------------|----------------------------|--------------|------------------|--------------|-------------------------------|---------------------------------|--------------------|----------------|---------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| APPROVISIONNEMENT ET DEMANDE | <i>Charbon & tourbe</i> | <i>Pétrole brut</i> | <i>Produits pétroliers</i> | <i>Gaz</i> | <i>Nucléaire</i> | <i>Hydro</i> | <i>Géotherm. solaire etc.</i> | <i>Comb. ren. & déchets</i> | <i>Electricité</i> | <i>Chaleur</i> | <i>Total</i> |
| Production | 5582 | 147836 | - | 22723 | - | 7143 | - | 541 | - | - | 183825 |
| Imports | - | - | - | 74 | - | - | - | - | 142 | - | 216 |
| Exports | -5382 | -82908 | -30622 | - | - | - | - | - | -46 | - | -118959 |
| Intl. marine bunkers | - | - | -867 | - | - | - | - | - | - | - | -867 |
| Intl. aviation bunkers | - | - | -150 | - | - | - | - | - | - | - | -150 |
| Stock changes | -155 | - | -166 | - | - | - | - | - | - | - | -321 |
| TPES | 45 | 64928 | -31805 | 22798 | - | 7143 | - | 541 | 96 | - | 63745 |
| Transfers | - | -6690 | 7757 | - | - | - | - | - | - | - | 1067 |
| Statistical differences | - | - | 229 | 284 | - | - | - | - | -559 | - | -46 |
| Electricity plants | - | - | -3882 | -5045 | - | -7143 | - | - | 9877 | - | -6192 |
| CHP plants | - | - | - | - | - | - | - | - | - | - | - |
| Heat plants | - | - | - | - | - | - | - | - | - | - | - |
| Gas works | - | - | - | - | - | - | - | - | - | - | - |
| Petroleum refineries | - | -58238 | 56972 | - | - | - | - | - | - | - | -1266 |
| Coal transformation | - | - | - | - | - | - | - | - | - | - | - |
| Liquefaction plants | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation | - | - | - | - | - | - | - | -16 | - | - | -16 |
| Own use | - | - | -5018 | -6089 | - | - | - | - | -284 | - | -11391 |
| Distribution losses | - | - | - | - | - | - | - | - | -2701 | - | -2701 |
| TFC | 45 | - | 24254 | 11948 | - | - | - | 525 | 6429 | - | 43201 |
| INDUSTRY SECTOR | 45 | - | 3735 | 10751 | - | - | - | 331 | 2871 | - | 17733 |
| Iron and steel | - | - | - | 3192 | - | - | - | - | 808 | - | 4000 |
| Chemical and petrochemical | - | - | 929 | 3507 | - | - | - | - | 370 | - | 4805 |
| Non-ferrous metals | - | - | 46 | 695 | - | - | - | - | 931 | - | 1673 |
| Non-metallic minerals | 45 | - | 70 | 766 | - | - | - | - | - | - | 882 |
| Transport equipment | - | - | - | - | - | - | - | - | - | - | - |
| Machinery | - | - | - | - | - | - | - | - | - | - | - |
| Mining and quarrying | - | - | - | - | - | - | - | - | - | - | - |
| Food and tobacco | - | - | - | - | - | - | - | 331 | - | - | 331 |
| Paper pulp and printing | - | - | - | - | - | - | - | - | - | - | - |
| Wood and wood products | - | - | - | - | - | - | - | - | - | - | - |
| Construction | - | - | - | - | - | - | - | - | - | - | - |
| Textile and leather | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | 2690 | 2590 | - | - | - | - | 763 | - | 6043 |
| TRANSPORT SECTOR | - | - | 15221 | 114 | - | - | - | - | 22 | - | 15358 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 15208 | - | - | - | - | - | - | - | 15208 |
| Rail | - | - | 13 | - | - | - | - | - | 22 | - | 36 |
| Pipeline transport | - | - | - | - | - | - | - | - | - | - | - |
| Domestic navigation | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | 114 | - | - | - | - | - | - | 114 |
| OTHER SECTORS | - | - | 1533 | 1083 | - | - | - | 194 | 3536 | - | 6346 |
| Residential | - | - | 1359 | 833 | - | - | - | 194 | 1854 | - | 4241 |
| Comm. and publ. services | - | - | 67 | 250 | - | - | - | - | 1646 | - | 1963 |
| Agriculture/forestry | - | - | 107 | - | - | - | - | - | 35 | - | 142 |
| Fishing | - | - | - | - | - | - | - | - | - | - | - |
| Non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 3764 | - | - | - | - | - | - | - | 3764 |
| in industry/transf./energy | - | - | 3764 | - | - | - | - | - | - | - | 3764 |
| <i>of which: feedstocks</i> | - | - | - | - | - | - | - | - | - | - | - |
| in transport | - | - | - | - | - | - | - | - | - | - | - |
| in other sectors | - | - | - | - | - | - | - | - | - | - | - |
| Electricity and Heat Output | | | | | | | | | | | |
| Electr. generated - GWh | - | - | 13108 | 18685 | - | 83059 | - | - | - | - | 114852 |
| <i>Electricity plants</i> | - | - | 13108 | 18685 | - | 83059 | - | - | - | - | 114852 |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |
| <i>CHP plants</i> | - | - | - | - | - | - | - | - | - | - | - |
| <i>Heat plants</i> | - | - | - | - | - | - | - | - | - | - | - |

Vietnam / Viet Nam

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|------------|--------------------|-------------|---------|-------------|----------------------|-------------------------|-------------|------|--------------|
| Production | 21790 | 17910 | - | 6636 | - | 2057 | - | 24240 | - | - | 72633 |
| Imports | 64 | - | 12168 | - | - | - | - | - | - | - | 12233 |
| Exports | -11936 | -17510 | - | -1530 | - | - | - | - | - | - | -30976 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -287 | - | - | - | - | - | - | - | -287 |
| Stock changes | -872 | - | - | - | - | - | - | - | - | - | -872 |
| TPES | 9045 | 400 | 11881 | 5107 | - | 2057 | - | 24240 | - | - | 52731 |
| Electricity and CHP plants | -3517 | - | -484 | -4871 | - | -2057 | - | - | 5314 | - | -5614 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | -400 | 606 | 90 | - | - | - | -832 | -684 | - | -1220 |
| TFC | 5528 | - | 12003 | 326 | - | - | - | 23409 | 4630 | - | 45897 |
| INDUSTRY SECTOR | 4176 | - | 2234 | 326 | - | - | - | - | 2312 | - | 9047 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 4176 | - | 2234 | 326 | - | - | - | - | 2312 | - | 9047 |
| TRANSPORT SECTOR | - | - | 7273 | - | - | - | - | - | 35 | - | 7308 |
| Domestic aviation | - | - | 186 | - | - | - | - | - | - | - | 186 |
| Road | - | - | 6695 | - | - | - | - | - | - | - | 6695 |
| Other/non-specified | - | - | 392 | - | - | - | - | - | 35 | - | 427 |
| OTHER SECTORS | 1352 | - | 2106 | - | - | - | - | 23409 | 2283 | - | 29150 |
| Residential | 1004 | - | 731 | - | - | - | - | 23409 | 1862 | - | 27005 |
| Comm. and publ. services | 327 | - | 864 | - | - | - | - | - | 373 | - | 1564 |
| Agriculture/forestry | 22 | - | 510 | - | - | - | - | - | 49 | - | 581 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 391 | - | - | - | - | - | - | - | 391 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 14313 | - | 1462 | 22100 | - | 23919 | - | - | - | - | 61794 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-------------|-----------|-------------|------------------------|----------------------|-------------|---------|--------------|
| Production | 24338 | 16543 | - | 5942 | - | 2570 | - | 24538 | - | - | 73931 |
| Imports | 442 | - | 14207 | - | - | - | - | - | - | - | 14649 |
| Exports | -17854 | -15303 | -968 | -486 | - | - | - | - | - | - | -34611 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -275 | - | - | - | - | - | - | - | -275 |
| Stock changes | 2964 | -872 | - | - | - | - | - | - | - | - | 2092 |
| TPES | 9890 | 368 | 12964 | 5456 | - | 2570 | - | 24538 | - | - | 55787 |
| Electricity and CHP plants | -3646 | - | -820 | -4915 | - | -2570 | - | - | 5976 | - | -5976 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | - | -368 | 657 | - | - | - | - | -842 | -720 | - | -1273 |
| TFC | 6244 | - | 12801 | 541 | - | - | - | 23696 | 5256 | - | 48538 |
| INDUSTRY SECTOR | 4887 | - | 2160 | 541 | - | - | - | - | 2765 | - | 10353 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 4887 | - | 2160 | 541 | - | - | - | - | 2765 | - | 10353 |
| TRANSPORT SECTOR | - | - | 7803 | - | - | - | - | - | 37 | - | 7840 |
| Domestic aviation | - | - | 178 | - | - | - | - | - | - | - | 178 |
| Road | - | - | 7282 | - | - | - | - | - | - | - | 7282 |
| Other/non-specified | - | - | 343 | - | - | - | - | - | 37 | - | 380 |
| OTHER SECTORS | 1357 | - | 2065 | - | - | - | - | 23696 | 2453 | - | 29572 |
| Residential | 1008 | - | 728 | - | - | - | - | 23696 | 2019 | - | 27451 |
| Comm. and publ. services | 328 | - | 832 | - | - | - | - | - | 386 | - | 1545 |
| Agriculture/forestry | 21 | - | 506 | - | - | - | - | - | 49 | - | 576 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| NON-ENERGY USE | - | - | 773 | - | - | - | - | - | - | - | 773 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 14839 | - | 2466 | 22299 | - | 29883 | - | - | - | - | 69487 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Yemen / Yémen

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|-------------|--------------------|-----|---------|-------|----------------------|-------------------------|-------------|------|-------------|
| Production | - | 18641 | - | - | - | - | - | 77 | - | - | 18718 |
| Imports | - | - | 3431 | - | - | - | - | - | - | - | 3431 |
| Exports | - | -12478 | -1018 | - | - | - | - | - | - | - | -13496 |
| Intl. marine bunkers | - | - | -126 | - | - | - | - | - | - | - | -126 |
| Intl. aviation bunkers | - | - | -118 | - | - | - | - | - | - | - | -118 |
| Stock changes | - | -1568 | 18 | - | - | - | - | - | - | - | -1550 |
| TPES | - | 4595 | 2186 | - | - | - | - | 77 | - | - | 6858 |
| Electricity and CHP plants | - | - | -1331 | - | - | - | - | - | 463 | - | -868 |
| Petroleum refineries | - | -3529 | 3283 | - | - | - | - | - | - | - | -246 |
| Other transformation* | - | -1066 | 521 | - | - | - | - | -40 | -143 | - | -729 |
| TFC | - | - | 4658 | - | - | - | - | 38 | 320 | - | 5015 |
| INDUSTRY SECTOR | - | - | 663 | - | - | - | - | - | - | - | 663 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 663 | - | - | - | - | - | - | - | 663 |
| TRANSPORT SECTOR | - | - | 2035 | - | - | - | - | - | - | - | 2035 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 2035 | - | - | - | - | - | - | - | 2035 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 1843 | - | - | - | - | 38 | 320 | - | 2200 |
| Residential | - | - | 783 | - | - | - | - | - | 213 | - | 996 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 36 | - | 36 |
| Agriculture/forestry | - | - | 795 | - | - | - | - | - | - | - | 795 |
| Other/non-specified | - | - | 265 | - | - | - | - | 38 | 70 | - | 372 |
| NON-ENERGY USE | - | - | 117 | - | - | - | - | - | - | - | 117 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 5387 | - | - | - | - | - | - | - | 5387 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|-------|------------------------|----------------------|-------------|---------|-------------|
| Production | - | 16424 | - | - | - | - | - | 77 | - | - | 16502 |
| Imports | - | - | 3288 | - | - | - | - | - | - | - | 3288 |
| Exports | - | -10995 | -1082 | - | - | - | - | - | - | - | -12077 |
| Intl. marine bunkers | - | - | -126 | - | - | - | - | - | - | - | -126 |
| Intl. aviation bunkers | - | - | -134 | - | - | - | - | - | - | - | -134 |
| Stock changes | - | -240 | - | - | - | - | - | - | - | - | -240 |
| TPES | - | 5189 | 1946 | - | - | - | - | 77 | - | - | 7212 |
| Electricity and CHP plants | - | - | -1294 | - | - | - | - | - | 518 | - | -776 |
| Petroleum refineries | - | -4035 | 3877 | - | - | - | - | - | - | - | -158 |
| Other transformation* | - | -1154 | 201 | - | - | - | - | -40 | -167 | - | -1161 |
| TFC | - | - | 4729 | - | - | - | - | 38 | 351 | - | 5118 |
| INDUSTRY SECTOR | - | - | 742 | - | - | - | - | - | - | - | 742 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | - | - | 742 | - | - | - | - | - | - | - | 742 |
| TRANSPORT SECTOR | - | - | 1868 | - | - | - | - | - | - | - | 1868 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 1868 | - | - | - | - | - | - | - | 1868 |
| Other/non-specified | - | - | - | - | - | - | - | - | - | - | - |
| OTHER SECTORS | - | - | 1997 | - | - | - | - | 38 | 351 | - | 2386 |
| Residential | - | - | 810 | - | - | - | - | - | 234 | - | 1044 |
| Comm. and publ. services | - | - | - | - | - | - | - | - | 40 | - | 40 |
| Agriculture/forestry | - | - | 890 | - | - | - | - | - | - | - | 890 |
| Other/non-specified | - | - | 297 | - | - | - | - | 38 | 77 | - | 412 |
| NON-ENERGY USE | - | - | 122 | - | - | - | - | - | - | - | 122 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | - | - | 6027 | - | - | - | - | - | - | - | 6027 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Zambia / Zambie

2006

Thousand tonnes of oil equivalent / *Milliers de tonnes d'équivalent pétrole*

| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
|------------------------------------|-------------|------------|--------------------|-----|---------|------------|----------------------|-------------------------|-------------|------|-------------|
| Production | 153 | - | - | - | - | 802 | - | 5717 | - | - | 6672 |
| Imports | - | 629 | 115 | - | - | - | - | - | - | - | 744 |
| Exports | -8 | - | -16 | - | - | - | - | - | -22 | - | -45 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -56 | - | - | - | - | - | - | - | -56 |
| Stock changes | -45 | - | -20 | - | - | - | - | - | - | - | -64 |
| TPES | 101 | 629 | 24 | - | - | 802 | - | 5717 | -22 | - | 7251 |
| Electricity and CHP plants | -8 | - | -10 | - | - | -802 | - | - | 807 | - | -14 |
| Petroleum refineries | - | -629 | 596 | - | - | - | - | - | - | - | -33 |
| Other transformation* | - | - | -24 | - | - | - | - | -1365 | -70 | - | -1459 |
| TFC | 93 | - | 585 | - | - | - | - | 4352 | 715 | - | 5745 |
| INDUSTRY SECTOR | 84 | - | 176 | - | - | - | - | 654 | 503 | - | 1418 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 84 | - | 176 | - | - | - | - | 654 | 503 | - | 1418 |
| TRANSPORT SECTOR | - | - | 324 | - | - | - | - | - | 1 | - | 324 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 295 | - | - | - | - | - | - | - | 295 |
| Other/non-specified | - | - | 29 | - | - | - | - | - | 1 | - | 29 |
| OTHER SECTORS | 8 | - | 51 | - | - | - | - | 3698 | 211 | - | 3969 |
| Residential | - | - | 14 | - | - | - | - | 3698 | 139 | - | 3851 |
| Comm. and publ. services | - | - | 29 | - | - | - | - | - | 57 | - | 86 |
| Agriculture/forestry | - | - | 8 | - | - | - | - | - | 8 | - | 16 |
| Other/non-specified | 8 | - | - | - | - | - | - | - | 8 | - | 16 |
| NON-ENERGY USE | - | - | 34 | - | - | - | - | - | - | - | 34 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 19 | - | 37 | - | - | 9329 | - | - | - | - | 9385 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|------------------------------------|------------------|--------------|---------------------|-----|-----------|------------|------------------------|----------------------|-------------|---------|-------------|
| Production | 163 | - | - | - | - | 842 | - | 5826 | - | - | 6831 |
| Imports | - | 667 | 120 | - | - | - | - | - | - | - | 787 |
| Exports | -8 | - | -18 | - | - | - | - | - | -23 | - | -49 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -59 | - | - | - | - | - | - | - | -59 |
| Stock changes | -47 | - | -21 | - | - | - | - | - | - | - | -68 |
| TPES | 107 | 667 | 22 | - | - | 842 | - | 5826 | -23 | - | 7442 |
| Electricity and CHP plants | -9 | - | -10 | - | - | -842 | - | - | 847 | - | -14 |
| Petroleum refineries | - | -667 | 631 | - | - | - | - | - | - | - | -37 |
| Other transformation* | - | - | -25 | - | - | - | - | -1391 | -81 | - | -1497 |
| TFC | 99 | - | 617 | - | - | - | - | 4435 | 743 | - | 5894 |
| INDUSTRY SECTOR | 90 | - | 186 | - | - | - | - | 667 | 528 | - | 1471 |
| Iron and steel | - | - | - | - | - | - | - | - | - | - | - |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | - | - | - | - | - | - | - | - | - | - | - |
| Other/non-specified | 90 | - | 186 | - | - | - | - | 667 | 528 | - | 1471 |
| TRANSPORT SECTOR | - | - | 344 | - | - | - | - | - | 1 | - | 345 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 314 | - | - | - | - | - | - | - | 314 |
| Other/non-specified | - | - | 30 | - | - | - | - | - | 1 | - | 31 |
| OTHER SECTORS | 9 | - | 51 | - | - | - | - | 3769 | 214 | - | 4043 |
| Residential | - | - | 14 | - | - | - | - | 3769 | 146 | - | 3929 |
| Comm. and publ. services | - | - | 29 | - | - | - | - | - | 54 | - | 83 |
| Agriculture/forestry | - | - | 8 | - | - | - | - | - | 7 | - | 15 |
| Other/non-specified | 9 | - | - | - | - | - | - | - | 7 | - | 16 |
| NON-ENERGY USE | - | - | 36 | - | - | - | - | - | - | - | 36 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 20 | - | 37 | - | - | 9796 | - | - | - | - | 9853 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

Zimbabwe

2006

| Thousand tonnes of oil equivalent / <i>Milliers de tonnes d'équivalent pétrole</i> | | | | | | | | | | | |
|--|-------------|-----------|--------------------|-----|---------|------------|----------------------|-------------------------|-------------|------|-------------|
| SUPPLY AND CONSUMPTION | Coal & peat | Crude oil | Petroleum products | Gas | Nuclear | Hydro | Geotherm. solar etc. | Combust. renew. & waste | Electricity | Heat | Total |
| Production | 2223 | - | - | - | - | 477 | - | 6059 | - | - | 8759 |
| Imports | 32 | - | 676 | - | - | - | - | - | 247 | - | 954 |
| Exports | -135 | - | - | - | - | - | - | - | -3 | - | -138 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -9 | - | - | - | - | - | - | - | -9 |
| Stock changes | 3 | - | - | - | - | - | - | - | - | - | 3 |
| TPES | 2122 | - | 667 | - | - | 477 | - | 6059 | 244 | - | 9569 |
| Electricity and CHP plants | -1429 | - | -8 | - | - | -477 | - | - | 841 | - | -1075 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | -147 | - | -8 | - | - | - | - | - | -91 | - | -246 |
| TFC | 546 | - | 651 | - | - | - | - | 6059 | 994 | - | 8250 |
| INDUSTRY SECTOR | 306 | - | 69 | - | - | - | - | 112 | 446 | - | 933 |
| Iron and steel | 171 | - | - | - | - | - | - | - | - | - | 171 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 34 | - | - | - | - | - | - | - | - | - | 34 |
| Other/non-specified | 101 | - | 69 | - | - | - | - | 112 | 446 | - | 728 |
| TRANSPORT SECTOR | 5 | - | 407 | - | - | - | - | - | - | - | 412 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 385 | - | - | - | - | - | - | - | 385 |
| Other/non-specified | 5 | - | 22 | - | - | - | - | - | - | - | 27 |
| OTHER SECTORS | 235 | - | 160 | - | - | - | - | 5946 | 548 | - | 6890 |
| Residential | 1 | - | 28 | - | - | - | - | 5638 | 283 | - | 5950 |
| Comm. and publ. services | 76 | - | - | - | - | - | - | - | 141 | - | 217 |
| Agriculture/forestry | 159 | - | 63 | - | - | - | - | 309 | 118 | - | 648 |
| Other/non-specified | - | - | 68 | - | - | - | - | - | 6 | - | 75 |
| NON-ENERGY USE | - | - | 15 | - | - | - | - | - | - | - | 15 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 4200 | - | 24 | - | - | 5552 | - | - | - | - | 9776 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

2007

| APPROVISIONNEMENT ET DEMANDE | Charbon & tourbe | Pétrole brut | Produits pétroliers | Gaz | Nucléaire | Hydro | Géotherm. solaire etc. | Comb. ren. & déchets | Electricité | Chaleur | Total |
|-------------------------------------|------------------|--------------|---------------------|-----|-----------|------------|------------------------|----------------------|-------------|---------|-------------|
| Production | 2087 | - | - | - | - | 448 | - | 6139 | - | - | 8674 |
| Imports | 30 | - | 649 | - | - | - | - | - | 231 | - | 910 |
| Exports | -137 | - | - | - | - | - | - | - | -3 | - | -139 |
| Intl. marine bunkers | - | - | - | - | - | - | - | - | - | - | - |
| Intl. aviation bunkers | - | - | -9 | - | - | - | - | - | - | - | -9 |
| Stock changes | 12 | - | - | - | - | - | - | - | - | - | 12 |
| TPES | 1992 | - | 640 | - | - | 448 | - | 6139 | 229 | - | 9448 |
| Electricity and CHP plants | -1342 | - | -8 | - | - | -448 | - | - | 789 | - | -1010 |
| Petroleum refineries | - | - | - | - | - | - | - | - | - | - | - |
| Other transformation* | -136 | - | -8 | - | - | - | - | - | -85 | - | -230 |
| TFC | 512 | - | 624 | - | - | - | - | 6139 | 933 | - | 8208 |
| INDUSTRY SECTOR | 287 | - | 66 | - | - | - | - | 114 | 419 | - | 886 |
| Iron and steel | 161 | - | - | - | - | - | - | - | - | - | 161 |
| Chemical and petrochemical | - | - | - | - | - | - | - | - | - | - | - |
| Non-metallic minerals | 32 | - | - | - | - | - | - | - | - | - | 32 |
| Other/non-specified | 94 | - | 66 | - | - | - | - | 114 | 419 | - | 693 |
| TRANSPORT SECTOR | 5 | - | 382 | - | - | - | - | - | - | - | 388 |
| Domestic aviation | - | - | - | - | - | - | - | - | - | - | - |
| Road | - | - | 362 | - | - | - | - | - | - | - | 362 |
| Other/non-specified | 5 | - | 20 | - | - | - | - | - | - | - | 26 |
| OTHER SECTORS | 220 | - | 161 | - | - | - | - | 6025 | 514 | - | 6920 |
| Residential | 1 | - | 28 | - | - | - | - | 5712 | 266 | - | 6007 |
| Comm. and publ. services | 72 | - | - | - | - | - | - | - | 132 | - | 204 |
| Agriculture/forestry | 148 | - | 64 | - | - | - | - | 313 | 110 | - | 635 |
| Other/non-specified | - | - | 68 | - | - | - | - | - | 6 | - | 74 |
| NON-ENERGY USE | - | - | 14 | - | - | - | - | - | - | - | 14 |
| Electricity and Heat Output | | | | | | | | | | | |
| Electricity generated - GWh | 3943 | - | 24 | - | - | 5213 | - | - | - | - | 9180 |
| Heat generated - TJ | - | - | - | - | - | - | - | - | - | - | - |

* Includes transfers, statistical differences, own use and distribution losses.

SUMMARY TABLES AND ENERGY INDICATORS

TABLEAUX RECAPITULATIFS ET INDICATEURS ENERGETIQUES

Production of coal and peat (Mtoe)
Production de charbon et de tourbe (Mtep)

Kohle- und Torferzeugung (Mtoe)

Produzione di carbone e torba (Mtep)

石炭及び泥炭の生産量（石油換算百万トン）

Producción de carbón y turba (Mtep)

Производство угля и торфа (млн.тон нефтяного эквивалента (Мтнэ))

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|
| Algeria | 0.24 | 0.21 | 0.00 | - | - | - | - | - | - |
| Botswana | .. | .. | .. | 0.49 | 0.55 | 0.58 | 0.60 | 0.62 | 0.64 |
| DR of Congo | 0.07 | 0.08 | 0.08 | 0.08 | 0.06 | 0.06 | 0.07 | 0.07 | 0.08 |
| Egypt | - | - | - | - | - | 0.04 | 0.02 | 0.02 | 0.02 |
| Morocco | 0.30 | 0.35 | 0.42 | 0.29 | 0.36 | 0.02 | 0.01 | 0.00 | - |
| Mozambique | 0.20 | 0.24 | 0.12 | 0.02 | 0.02 | 0.01 | 0.00 | 0.02 | 0.01 |
| Nigeria | 0.12 | 0.21 | 0.11 | 0.06 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| South Africa | 33.06 | 35.14 | 66.76 | 100.16 | 118.02 | 126.93 | 138.37 | 138.24 | 139.87 |
| United Rep. of Tanzania | - | - | 0.00 | 0.00 | 0.03 | 0.05 | 0.05 | 0.05 | 0.05 |
| Zambia | 0.48 | 0.55 | 0.34 | 0.22 | 0.09 | 0.11 | 0.14 | 0.15 | 0.16 |
| Zimbabwe | 1.84 | 1.81 | 1.78 | 3.45 | 3.03 | 2.75 | 2.33 | 2.22 | 2.09 |
| Other Africa | 0.09 | 0.10 | 0.12 | 0.21 | 0.21 | 0.36 | 0.42 | 0.42 | 0.44 |
| Africa | 36.41 | 38.69 | 69.74 | 104.98 | 122.38 | 130.90 | 142.01 | 141.82 | 143.37 |
| Argentina | 0.37 | 0.27 | 0.23 | 0.16 | 0.18 | 0.15 | 0.01 | 0.08 | 0.06 |
| Brazil | 0.94 | 0.88 | 2.49 | 1.93 | 2.05 | 2.60 | 2.50 | 2.30 | 2.35 |
| Chile | 1.13 | 0.96 | 0.78 | 1.45 | 0.69 | 0.24 | 0.27 | 0.26 | 0.10 |
| Colombia | 1.78 | 1.84 | 2.71 | 13.89 | 16.67 | 24.86 | 38.39 | 42.64 | 45.44 |
| Peru | 0.02 | 0.02 | 0.03 | 0.07 | 0.04 | 0.01 | 0.03 | 0.07 | 0.08 |
| Venezuela | 0.03 | 0.04 | 0.03 | 1.60 | 2.97 | 5.76 | 5.25 | 5.36 | 5.58 |
| Latin America | 4.28 | 4.01 | 6.27 | 19.10 | 22.60 | 33.62 | 46.46 | 50.72 | 53.62 |
| Chinese Taipei | 2.58 | 2.10 | 1.60 | 0.29 | 0.15 | 0.05 | - | - | - |
| India | 35.01 | 37.67 | 53.63 | 104.69 | 130.82 | 146.23 | 187.25 | 197.90 | 210.19 |
| Indonesia | 0.12 | 0.09 | 0.19 | 6.15 | 24.95 | 46.17 | 103.01 | 137.49 | 160.67 |
| DPR of Korea | 16.70 | 17.51 | 25.44 | 26.62 | 17.80 | 16.91 | 19.87 | 20.13 | 17.50 |
| Malaysia | - | - | - | 0.05 | 0.06 | 0.19 | 0.43 | 0.57 | 0.58 |
| Mongolia | .. | .. | .. | 2.66 | 2.16 | 1.81 | 2.62 | 2.97 | 3.33 |
| Myanmar | 0.01 | 0.01 | 0.01 | 0.04 | 0.01 | 0.32 | 0.72 | 0.74 | 0.78 |
| Nepal | - | - | - | - | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 |
| Pakistan | 0.60 | 0.51 | 0.70 | 1.17 | 1.55 | 1.32 | 2.07 | 1.55 | 1.76 |
| Philippines | 0.02 | 0.02 | 0.16 | 0.59 | 0.62 | 0.65 | 1.38 | 1.13 | 1.63 |
| Thailand | 0.10 | 0.08 | 0.41 | 3.60 | 5.34 | 5.14 | 6.05 | 5.51 | 5.29 |
| Vietnam | 1.67 | 1.67 | 2.91 | 2.60 | 4.68 | 6.50 | 18.14 | 21.79 | 24.34 |
| Other Asia | 0.77 | 0.83 | 1.69 | 0.07 | 0.05 | 0.17 | 0.26 | 0.27 | 0.30 |
| Asia | 57.58 | 60.50 | 86.73 | 148.53 | 188.19 | 225.46 | 341.81 | 390.06 | 426.38 |
| People's Rep. of China | 194.08 | 206.79 | 310.72 | 523.85 | 675.86 | 649.37 | 1 145.35 | 1 234.45 | 1 312.15 |
| China | 194.08 | 206.79 | 310.72 | 523.85 | 675.86 | 649.37 | 1 145.35 | 1 234.45 | 1 312.15 |
| Albania | 0.24 | 0.28 | 0.50 | 0.49 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 |
| Bosnia and Herzegovina | .. | .. | .. | 4.18 | 0.35 | 2.46 | 2.95 | 3.28 | 3.41 |
| Bulgaria | 4.70 | 4.65 | 5.19 | 5.38 | 5.29 | 4.32 | 4.18 | 4.31 | 4.81 |
| Croatia | .. | .. | .. | 0.10 | 0.05 | - | - | - | - |
| FYR of Macedonia | .. | .. | .. | 1.21 | 1.33 | 1.21 | 1.29 | 1.30 | 1.25 |
| Romania | 5.20 | 6.05 | 8.10 | 8.65 | 7.89 | 5.60 | 5.84 | 6.56 | 6.71 |
| Serbia | .. | .. | .. | 9.81 | 8.64 | 7.91 | 6.70 | 6.97 | 7.07 |
| Slovenia | .. | .. | .. | 1.35 | 1.19 | 1.06 | 1.18 | 1.21 | 1.24 |
| Former Yugoslavia | 7.33 | 7.65 | 9.62 | x | x | x | x | x | x |
| Non-OECD Europe | 17.47 | 18.64 | 23.41 | 31.17 | 24.76 | 22.57 | 22.16 | 23.63 | 24.52 |

Production of coal and peat (Mtoe)
Production de charbon et de tourbe (Mtep)

Kohle- und Torferzeugung (Mtoe)

Produzione di carbone e torba (Mtep)

石炭及び泥炭の生産量（石油換算百万トン）

Producción de carbón y turba (Mtep)

Производство угля и торфа (млн.тон нефтяного эквивалента (Мтнэ))

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Belarus | .. | .. | .. | 0.84 | 0.76 | 0.49 | 0.56 | 0.52 | 0.61 |
| Estonia | .. | .. | .. | 4.90 | 2.62 | 2.43 | 3.18 | 3.10 | 3.65 |
| Georgia | .. | .. | .. | 0.49 | 0.02 | 0.00 | 0.00 | 0.00 | 0.01 |
| Kazakhstan | .. | .. | .. | 58.01 | 37.15 | 34.13 | 38.07 | 42.31 | 43.01 |
| Kyrgyzstan | .. | .. | .. | 1.41 | 0.18 | 0.16 | 0.12 | 0.12 | 0.14 |
| Latvia | .. | .. | .. | 0.06 | 0.08 | 0.02 | 0.00 | 0.00 | 0.00 |
| Lithuania | .. | .. | .. | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 |
| Russian Federation | .. | .. | .. | 179.56 | 117.05 | 117.02 | 142.48 | 143.25 | 146.16 |
| Tajikistan | .. | .. | .. | 0.37 | 0.02 | 0.01 | 0.04 | 0.05 | 0.07 |
| Ukraine | .. | .. | .. | 86.81 | 42.78 | 36.35 | 34.69 | 35.34 | 33.64 |
| Uzbekistan | .. | .. | .. | 2.26 | 1.08 | 0.91 | 1.05 | 1.09 | 1.15 |
| Former Soviet Union | 317.32 | 331.53 | 339.56 | 334.72 | 201.74 | 191.51 | 220.21 | 225.79 | 228.46 |
| Islamic Republic of Iran | 0.23 | 0.57 | 0.62 | 0.56 | 0.72 | 0.82 | 0.87 | 1.00 | 1.07 |
| Israel | - | - | - | 0.03 | 0.05 | 0.04 | 0.04 | 0.05 | 0.04 |
| Middle East | 0.23 | 0.57 | 0.62 | 0.59 | 0.77 | 0.86 | 0.92 | 1.05 | 1.11 |
| Non-OECD Total | 627.38 | 660.72 | 837.04 | 1 162.94 | 1 236.29 | 1 254.30 | 1 918.90 | 2 067.52 | 2 189.60 |
| <i>European Union - 27</i> | .. | .. | .. | 369.27 | 279.34 | 214.41 | 196.10 | 191.68 | 187.66 |
| OECD North America | 324.12 | 346.58 | 470.16 | 580.53 | 576.72 | 584.67 | 601.74 | 614.74 | 607.68 |
| OECD Pacific | 63.51 | 66.09 | 72.14 | 119.47 | 135.89 | 171.01 | 208.56 | 208.25 | 222.55 |
| OECD Europe | 424.79 | 405.62 | 426.20 | 361.48 | 274.53 | 213.88 | 193.50 | 191.18 | 188.71 |
| OECD Total | 812.43 | 818.29 | 968.50 | 1 061.49 | 987.14 | 969.56 | 1 003.80 | 1 014.17 | 1 018.94 |
| World | 1 439.80 | 1 479.01 | 1 805.54 | 2 224.42 | 2 223.43 | 2 223.86 | 2 922.70 | 3 081.69 | 3 208.54 |

Production of crude oil and NGL (Mtoe)
Production de pétrole brut et LGN (Mtep)

Erzeugung von Rohöl und Kondensaten (Mtoe)

Produzione di petrolio greggio e liquidi di gas naturale (Mtep)

原油及びNGLの生産量(石油換算百万トン)

Producción de petróleo crudo y líquidos de gas natural (Mtep)

Производство сырой нефти и газовых конденсатов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 39.07 | 52.57 | 54.22 | 61.25 | 60.03 | 72.32 | 90.94 | 90.49 | 90.61 |
| Angola | 5.84 | 8.33 | 7.58 | 23.83 | 31.01 | 37.60 | 63.75 | 72.60 | 87.37 |
| Benin | - | - | - | 0.21 | 0.10 | - | - | - | - |
| Cameroon | - | - | 3.62 | 6.93 | 6.16 | 4.38 | 4.21 | 4.68 | 4.53 |
| Congo | 0.02 | 2.11 | 3.43 | 8.23 | 9.50 | 14.03 | 12.97 | 14.68 | 11.79 |
| DR of Congo | - | - | 0.91 | 1.46 | 1.39 | 1.16 | 0.99 | 0.89 | 0.84 |
| Côte d'Ivoire | - | - | 0.08 | 0.09 | 0.35 | 0.37 | 2.08 | 3.19 | 2.46 |
| Egypt | 15.20 | 8.64 | 30.26 | 46.23 | 47.33 | 36.11 | 32.76 | 32.49 | 33.44 |
| Gabon | 5.89 | 7.73 | 8.81 | 13.74 | 18.75 | 14.05 | 10.88 | 10.93 | 10.74 |
| Libyan Arab Jamahiriya | 136.11 | 109.04 | 92.20 | 67.98 | 72.52 | 70.14 | 85.26 | 89.97 | 87.99 |
| Morocco | 0.02 | 0.04 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 |
| Nigeria | 77.11 | 103.54 | 103.93 | 90.18 | 99.59 | 117.75 | 132.21 | 127.18 | 116.71 |
| Senegal | - | - | - | 0.00 | 0.00 | - | - | - | - |
| South Africa | - | - | - | - | 0.40 | 0.94 | 1.69 | 1.43 | 1.14 |
| Sudan | - | - | - | - | - | 9.02 | 15.52 | 16.85 | 23.82 |
| Tunisia | 4.23 | 3.99 | 5.82 | 4.75 | 4.44 | 3.81 | 3.55 | 3.43 | 4.76 |
| Other Africa | - | - | - | - | 0.34 | 5.95 | 27.27 | 27.37 | 28.68 |
| Africa | 283.49 | 295.99 | 310.88 | 324.89 | 351.91 | 387.63 | 484.10 | 496.19 | 504.90 |
| Argentina | 22.14 | 22.16 | 25.97 | 26.09 | 38.58 | 41.38 | 37.76 | 37.67 | 36.68 |
| Bolivia | 1.97 | 2.57 | 1.40 | 1.30 | 1.79 | 1.90 | 2.80 | 2.67 | 2.46 |
| Brazil | 8.62 | 8.61 | 9.48 | 33.09 | 36.48 | 65.68 | 87.53 | 92.79 | 94.45 |
| Chile | 1.77 | 1.79 | 1.83 | 1.13 | 0.68 | 0.43 | 0.34 | 0.33 | 0.55 |
| Colombia | 11.48 | 9.84 | 6.65 | 23.03 | 30.56 | 35.83 | 27.42 | 27.64 | 27.70 |
| Cuba | 0.13 | 0.15 | 0.31 | 0.66 | 1.45 | 2.65 | 2.89 | 2.85 | 2.86 |
| Ecuador | 0.18 | 10.77 | 10.65 | 15.00 | 20.34 | 21.05 | 27.02 | 28.06 | 26.76 |
| Guatemala | - | - | 0.21 | 0.20 | 0.47 | 1.15 | 1.02 | 0.89 | 0.84 |
| Peru | 3.20 | 3.63 | 9.96 | 6.55 | 6.16 | 5.18 | 5.38 | 5.60 | 5.55 |
| Trinidad and Tobago | 6.53 | 8.37 | 10.69 | 7.87 | 7.20 | 6.87 | 8.44 | 8.45 | 8.18 |
| Venezuela | 200.10 | 191.53 | 124.47 | 122.79 | 164.33 | 182.23 | 169.36 | 159.42 | 147.84 |
| Other Latin America | - | 0.00 | 0.07 | 0.38 | 0.44 | 0.68 | 0.71 | 0.71 | 0.74 |
| Latin America | 256.12 | 259.42 | 201.70 | 238.07 | 308.49 | 365.02 | 370.67 | 367.09 | 354.59 |
| Bangladesh | - | 0.01 | - | 0.09 | 0.04 | 0.10 | 0.10 | 0.09 | 0.09 |
| Brunei Darussalam | 6.54 | 11.61 | 12.19 | 7.70 | 8.89 | 10.22 | 11.06 | 11.21 | 9.92 |
| Chinese Taipei | 0.11 | 0.15 | 0.25 | 0.17 | 0.06 | 0.03 | 0.03 | 0.02 | 0.02 |
| India | 7.46 | 7.35 | 10.74 | 35.32 | 39.24 | 37.24 | 37.14 | 39.00 | 39.10 |
| Indonesia | 44.95 | 67.43 | 80.04 | 74.59 | 78.91 | 71.25 | 52.42 | 49.14 | 46.13 |
| Malaysia | 3.34 | 4.43 | 14.47 | 32.33 | 39.43 | 34.47 | 37.99 | 36.01 | 36.03 |
| Mongolia | .. | .. | .. | - | - | 0.01 | 0.03 | 0.05 | 0.12 |
| Myanmar | 0.88 | 0.99 | 1.57 | 0.73 | 0.49 | 0.57 | 1.13 | 1.07 | 1.07 |
| Pakistan | 0.42 | 0.43 | 0.49 | 2.70 | 2.80 | 2.99 | 3.58 | 3.69 | 3.82 |
| Philippines | - | - | 0.51 | 0.24 | 0.13 | 0.06 | 0.54 | 0.49 | 0.55 |
| Thailand | 0.01 | 0.01 | 0.01 | 2.73 | 4.20 | 7.89 | 12.47 | 13.81 | 14.52 |
| Vietnam | - | - | - | 2.75 | 7.79 | 16.86 | 19.40 | 17.91 | 16.54 |
| Other Asia | 0.00 | 0.00 | 0.01 | 4.54 | 5.22 | 3.21 | 5.21 | 5.55 | 5.16 |
| Asia | 63.72 | 92.40 | 120.28 | 163.90 | 187.20 | 184.91 | 181.08 | 178.04 | 173.06 |
| People's Rep. of China | 40.12 | 54.58 | 107.85 | 138.31 | 150.04 | 163.08 | 181.43 | 184.85 | 186.42 |
| China | 40.12 | 54.58 | 107.85 | 138.31 | 150.04 | 163.08 | 181.43 | 184.85 | 186.42 |

Production of crude oil and NGL (Mtoe)
Production de pétrole brut et LGN (Mtep)

Erzeugung von Rohöl und Kondensaten (Mtoe)

Produzione di petrolio greggio e liquidi di gas naturale (Mtep)

原油及びNGLの生産量(石油換算百万トン)

Producción de petróleo crudo y líquidos de gas natural (Mtep)

Производство сырой нефти и газовых конденсатов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Albania | 1.64 | 2.09 | 1.98 | 1.15 | 0.52 | 0.31 | 0.44 | 0.50 | 0.56 |
| Bulgaria | 0.31 | 0.19 | 0.28 | 0.06 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 |
| Croatia | .. | .. | .. | 2.78 | 1.81 | 1.35 | 1.03 | 1.00 | 0.95 |
| Romania | 13.39 | 13.87 | 11.17 | 7.70 | 6.83 | 6.16 | 5.78 | 5.50 | 4.78 |
| Serbia | .. | .. | .. | 1.09 | 1.09 | 1.00 | 0.66 | 0.66 | 0.66 |
| Slovenia | .. | .. | .. | 0.00 | 0.00 | 0.00 | - | - | - |
| Former Yugoslavia | 3.02 | 3.40 | 4.32 | x | x | x | x | x | x |
| Non-OECD Europe | 18.36 | 19.55 | 17.75 | 12.77 | 10.29 | 8.87 | 7.95 | 7.69 | 6.98 |
| Azerbaijan | .. | .. | .. | 13.25 | 9.21 | 14.09 | 22.49 | 32.43 | 42.81 |
| Belarus | .. | .. | .. | 2.05 | 1.94 | 1.86 | 1.79 | 1.79 | 1.77 |
| Georgia | .. | .. | .. | 0.19 | 0.05 | 0.11 | 0.07 | 0.06 | 0.06 |
| Kazakhstan | .. | .. | .. | 25.93 | 20.73 | 35.44 | 61.75 | 65.84 | 67.41 |
| Kyrgyzstan | .. | .. | .. | 0.16 | 0.09 | 0.08 | 0.07 | 0.07 | 0.07 |
| Lithuania | .. | .. | .. | 0.01 | 0.13 | 0.32 | 0.22 | 0.18 | 0.15 |
| Republic of Moldova | .. | .. | .. | - | - | - | 0.01 | 0.00 | 0.01 |
| Russian Federation | .. | .. | .. | 526.25 | 306.60 | 323.26 | 468.71 | 478.13 | 490.04 |
| Tajikistan | .. | .. | .. | 0.15 | 0.03 | 0.02 | 0.02 | 0.02 | 0.03 |
| Turkmenistan | .. | .. | .. | 6.04 | 3.76 | 7.77 | 9.84 | 8.76 | 10.00 |
| Ukraine | .. | .. | .. | 5.27 | 4.11 | 3.71 | 4.39 | 4.54 | 4.48 |
| Uzbekistan | .. | .. | .. | 2.81 | 7.56 | 7.73 | 5.98 | 5.58 | 5.41 |
| Former Soviet Union | 378.96 | 431.21 | 606.16 | 582.12 | 354.20 | 394.37 | 575.34 | 597.40 | 622.23 |
| Bahrain | 9.91 | 9.49 | 9.56 | 9.88 | 9.68 | 9.89 | 9.89 | 9.70 | 9.73 |
| Islamic Republic of Iran | 231.25 | 298.72 | 75.86 | 158.90 | 186.49 | 189.51 | 218.96 | 217.09 | 221.26 |
| Iraq | 85.18 | 101.83 | 134.37 | 101.44 | 28.67 | 132.65 | 95.72 | 99.55 | 103.57 |
| Israel | 5.83 | 6.10 | 0.02 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| Jordan | - | - | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Kuwait | 155.44 | 153.71 | 88.18 | 47.06 | 107.33 | 106.41 | 136.88 | 140.91 | 137.13 |
| Oman | 15.20 | 15.20 | 14.78 | 35.88 | 44.81 | 51.38 | 41.60 | 39.60 | 38.12 |
| Qatar | 21.20 | 28.24 | 23.63 | 21.01 | 21.36 | 34.38 | 44.58 | 47.94 | 49.46 |
| Saudi Arabia | 242.99 | 387.01 | 524.49 | 349.16 | 439.73 | 449.18 | 525.62 | 517.09 | 496.20 |
| Syrian Arab Republic | 5.31 | 5.57 | 9.23 | 20.71 | 30.62 | 28.36 | 22.52 | 21.07 | 19.03 |
| United Arab Emirates | 51.91 | 75.09 | 83.91 | 93.34 | 110.72 | 118.91 | 128.02 | 137.60 | 135.44 |
| Yemen | - | - | - | 9.31 | 17.21 | 21.95 | 20.36 | 18.64 | 16.42 |
| Middle East | 824.24 | 1 080.96 | 964.03 | 846.70 | 996.65 | 1 142.64 | 1 244.14 | 1 249.19 | 1 226.38 |
| Non-OECD Total | 1 865.01 | 2 234.11 | 2 328.65 | 2 306.77 | 2 358.78 | 2 646.52 | 3 044.71 | 3 080.46 | 3 074.55 |
| <i>European Union - 27</i> | .. | .. | .. | 131.80 | 173.71 | 173.79 | 132.48 | 120.97 | 119.57 |
| OECD North America | 647.50 | 658.61 | 696.62 | 679.45 | 666.60 | 665.15 | 667.27 | 663.59 | 660.69 |
| OECD Pacific | 15.68 | 20.83 | 22.23 | 31.68 | 31.11 | 37.28 | 26.47 | 25.44 | 28.76 |
| OECD Europe | 22.62 | 23.17 | 127.12 | 210.88 | 314.42 | 336.89 | 262.50 | 241.94 | 236.95 |
| OECD Total | 685.79 | 702.61 | 845.97 | 922.00 | 1 012.12 | 1 039.32 | 956.24 | 930.96 | 926.40 |
| World | 2 550.81 | 2 936.72 | 3 174.62 | 3 228.77 | 3 370.90 | 3 685.84 | 4 000.95 | 4 011.42 | 4 000.95 |
| <i>Memo: OPEC</i> | 1 246.40 | 1 520.37 | 1 323.50 | 1 151.93 | 1 342.11 | 1 532.14 | 1 718.34 | 1 727.90 | 1 700.35 |

Production of petroleum products (Mtoe)**Production de produits pétroliers (Mtep)***Erzeugung von Ölprodukten (Mtoe)**Produzione di prodotti petroliferi (Mtep)**石油製品の生産量 (石油換算百万トン)**Producción de productos petrolíferos (Mtep)**Производство нефтепродуктов (Мтнэ)*

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 2.59 | 6.30 | 11.40 | 21.13 | 20.43 | 20.67 | 18.28 | 18.93 | 20.04 |
| Angola | 0.67 | 0.74 | 1.25 | 1.63 | 1.87 | 1.88 | 1.86 | 1.85 | 1.93 |
| Cameroon | - | - | 0.20 | 0.86 | 1.25 | 1.58 | 1.87 | 1.93 | 2.19 |
| Congo | - | - | - | 0.53 | 0.43 | 0.40 | 0.43 | 0.63 | 0.71 |
| DR of Congo | 0.65 | 0.70 | 0.40 | 0.32 | - | - | - | - | - |
| Côte d'Ivoire | 0.82 | 1.17 | 1.79 | 2.10 | 2.97 | 3.07 | 4.04 | 3.93 | 3.48 |
| Egypt | 5.02 | 6.90 | 13.68 | 23.83 | 26.87 | 25.58 | 31.54 | 31.34 | 33.01 |
| Eritrea | .. | .. | .. | .. | 0.59 | - | - | - | - |
| Ethiopia | 0.67 | 0.62 | 0.59 | 0.66 | 0.61 | - | - | - | - |
| Gabon | 1.01 | 1.07 | 1.25 | 0.32 | 0.75 | 0.60 | 0.71 | 0.67 | 0.78 |
| Ghana | 0.87 | 0.99 | 1.08 | 0.77 | 0.89 | 1.10 | 1.60 | 0.96 | 1.30 |
| Kenya | 2.53 | 2.65 | 3.05 | 2.25 | 1.86 | 2.06 | 1.68 | 1.65 | 1.65 |
| Libyan Arab Jamahiriya | 0.44 | 1.63 | 5.69 | 13.60 | 14.90 | 16.27 | 14.98 | 14.45 | 14.46 |
| Morocco | 1.52 | 2.26 | 4.25 | 5.66 | 6.12 | 6.69 | 6.86 | 6.15 | 6.24 |
| Mozambique | 0.79 | 0.74 | 0.70 | - | - | - | - | - | - |
| Nigeria | 1.98 | 2.82 | 7.21 | 13.30 | 9.47 | 4.75 | 9.15 | 5.66 | 2.56 |
| Senegal | 0.56 | 0.68 | 0.76 | 0.68 | 0.69 | 0.92 | 0.89 | 0.33 | 0.70 |
| South Africa | 12.84 | 13.36 | 12.92 | 18.03 | 24.04 | 26.64 | 28.58 | 23.78 | 23.66 |
| Sudan | 0.69 | 1.15 | 0.91 | 0.82 | 0.72 | 1.91 | 3.33 | 5.23 | 5.27 |
| United Rep. of Tanzania | 0.76 | 0.79 | 0.55 | 0.59 | 0.56 | - | - | - | - |
| Togo | - | - | 0.21 | - | - | - | - | - | - |
| Tunisia | 1.14 | 1.05 | 1.58 | 1.70 | 1.87 | 1.98 | 1.82 | 1.71 | 1.83 |
| Zambia | - | 0.41 | 0.76 | 0.69 | 0.57 | 0.02 | 0.56 | 0.60 | 0.63 |
| Other Africa | 0.88 | 0.86 | 1.46 | 1.17 | 1.41 | 0.59 | 0.71 | 0.76 | 0.79 |
| Africa | 36.44 | 46.88 | 71.67 | 110.67 | 118.88 | 116.73 | 128.90 | 120.56 | 121.22 |
| Argentina | 23.18 | 23.65 | 25.72 | 22.36 | 23.49 | 29.67 | 28.67 | 29.84 | 31.89 |
| Bolivia | 0.69 | 0.78 | 1.25 | 1.24 | 1.55 | 1.61 | 1.84 | 1.62 | 1.99 |
| Brazil | 26.74 | 37.75 | 55.08 | 61.32 | 64.58 | 85.08 | 92.19 | 93.34 | 95.51 |
| Chile | 4.77 | 4.75 | 4.99 | 6.28 | 8.18 | 9.58 | 10.67 | 11.51 | 10.73 |
| Colombia | 7.84 | 8.29 | 7.65 | 11.26 | 14.03 | 15.51 | 15.20 | 15.00 | 14.69 |
| Costa Rica | 0.41 | 0.39 | 0.51 | 0.44 | 0.74 | 0.01 | 0.49 | 0.68 | 0.75 |
| Cuba | 4.41 | 5.47 | 6.74 | 6.86 | 1.63 | 2.36 | 2.33 | 2.20 | 2.28 |
| Dominican Republic | - | 1.19 | 1.54 | 1.05 | 1.59 | 1.52 | 2.00 | 1.97 | 1.78 |
| Ecuador | 1.38 | 1.61 | 4.73 | 6.08 | 6.21 | 7.90 | 7.88 | 8.05 | 8.37 |
| El Salvador | 0.45 | 0.60 | 0.62 | 0.67 | 0.75 | 0.95 | 1.03 | 0.86 | 0.95 |
| Guatemala | 0.80 | 0.94 | 0.75 | 0.44 | 0.78 | 0.85 | 0.07 | 0.07 | 0.07 |
| Honduras | 0.58 | 0.62 | 0.50 | 0.41 | - | - | - | - | - |
| Jamaica | 1.62 | 1.76 | 0.92 | 1.35 | 0.70 | 0.96 | 0.47 | 1.01 | 0.85 |
| Netherlands Antilles | 40.33 | 42.89 | 27.36 | 10.00 | 12.28 | 11.35 | 11.89 | 11.07 | 11.60 |
| Nicaragua | 0.47 | 0.57 | 0.54 | 0.61 | 0.58 | 0.84 | 0.82 | 0.80 | 0.81 |
| Panama | 3.70 | 3.32 | 1.90 | 1.17 | 1.33 | 2.14 | - | - | - |
| Paraguay | 0.18 | 0.20 | 0.26 | 0.31 | 0.20 | 0.10 | 0.03 | - | - |
| Peru | 4.35 | 4.84 | 7.28 | 7.38 | 7.34 | 7.58 | 8.08 | 8.23 | 8.53 |
| Trinidad and Tobago | 20.22 | 19.51 | 11.36 | 4.29 | 4.85 | 7.66 | 7.79 | 7.60 | 7.64 |
| Uruguay | 1.68 | 1.66 | 1.83 | 1.19 | 1.33 | 1.93 | 2.05 | 1.81 | 1.63 |
| Venezuela | 70.13 | 73.83 | 50.40 | 52.62 | 54.49 | 57.12 | 60.05 | 58.06 | 56.97 |
| Other Latin America | 9.74 | 12.74 | 8.81 | 0.97 | 1.02 | 11.20 | 11.37 | 11.39 | 11.43 |
| Latin America | 223.67 | 247.36 | 220.77 | 198.30 | 207.64 | 255.92 | 264.91 | 265.11 | 268.46 |

Production of petroleum products (Mtoe)**Production de produits pétroliers (Mtep)***Erzeugung von Ölprodukten (Mtoe)**Produzione di prodotti petroliferi (Mtep)**石油製品の生産量 (石油換算百万トン)**Producción de productos petrolíferos (Mtep)**Производство нефтепродуктов (Мтнэ)*

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bangladesh | 0.74 | 0.61 | 1.22 | 1.03 | 1.43 | 1.39 | 1.42 | 1.38 | 1.27 |
| Brunei Darussalam | - | - | 0.00 | 0.34 | 0.52 | 0.57 | 0.63 | 0.68 | 0.69 |
| Chinese Taipei | 5.48 | 8.98 | 18.46 | 22.09 | 31.06 | 38.78 | 53.59 | 52.51 | 52.06 |
| India | 20.16 | 21.06 | 25.90 | 52.46 | 59.77 | 104.90 | 132.56 | 149.86 | 160.53 |
| Indonesia | 9.00 | 10.18 | 18.08 | 37.34 | 40.52 | 50.21 | 48.03 | 47.62 | 45.37 |
| DPR of Korea | - | - | 1.89 | 2.06 | 1.08 | 0.38 | 0.47 | 0.36 | 0.44 |
| Malaysia | 3.84 | 3.96 | 5.76 | 10.55 | 14.14 | 21.53 | 22.07 | 23.48 | 25.31 |
| Myanmar | 1.29 | 1.00 | 1.33 | 0.71 | 0.94 | 1.01 | 0.67 | 0.83 | 0.84 |
| Pakistan | 3.36 | 3.43 | 4.49 | 5.85 | 6.08 | 9.09 | 11.55 | 11.36 | 11.85 |
| Philippines | 8.50 | 8.76 | 9.21 | 10.82 | 15.88 | 15.44 | 10.33 | 10.15 | 9.91 |
| Singapore | 16.50 | 22.92 | 31.94 | 41.25 | 48.11 | 38.16 | 49.36 | 48.07 | 47.72 |
| Sri Lanka | 1.50 | 1.73 | 1.84 | 1.72 | 1.88 | 2.37 | 1.94 | 2.13 | 1.85 |
| Thailand | 5.37 | 7.73 | 7.73 | 11.60 | 24.06 | 35.70 | 42.52 | 44.38 | 44.91 |
| Other Asia | - | - | - | - | - | - | 0.96 | 1.03 | 1.16 |
| Asia | 75.75 | 90.35 | 127.85 | 197.81 | 245.47 | 319.53 | 376.10 | 393.85 | 403.91 |
| People's Rep. of China | 32.40 | 41.77 | 78.62 | 108.16 | 141.49 | 199.92 | 283.82 | 303.26 | 321.76 |
| China | 32.40 | 41.77 | 78.62 | 108.16 | 141.49 | 199.92 | 283.82 | 303.26 | 321.76 |
| Albania | 1.43 | 1.59 | 1.86 | 1.10 | 0.49 | 0.30 | 0.42 | 0.48 | 0.52 |
| Bosnia and Herzegovina | .. | .. | .. | 1.90 | - | 0.51 | 0.14 | 0.14 | 0.11 |
| Bulgaria | 7.68 | 9.26 | 13.13 | 7.78 | 7.36 | 5.27 | 6.40 | 7.25 | 7.03 |
| Croatia | .. | .. | .. | 6.88 | 5.37 | 5.30 | 5.22 | 4.89 | 5.39 |
| Cyprus | - | 0.66 | 0.59 | 0.63 | 0.83 | 1.17 | - | - | - |
| FYR of Macedonia | .. | .. | .. | 1.19 | 0.11 | 0.94 | 1.16 | 1.03 | 1.05 |
| Romania | 16.33 | 18.13 | 26.37 | 22.76 | 14.79 | 11.16 | 15.14 | 14.68 | 14.09 |
| Serbia | .. | .. | .. | 4.70 | 1.15 | 1.22 | 3.19 | 2.68 | 3.46 |
| Slovenia | .. | .. | .. | 0.56 | 0.60 | 0.17 | - | - | - |
| Former Yugoslavia | 7.99 | 9.02 | 14.20 | x | x | x | x | x | x |
| Non-OECD Europe | 33.43 | 38.67 | 56.15 | 47.51 | 30.70 | 26.05 | 31.68 | 31.15 | 31.66 |
| Azerbaijan | .. | .. | .. | 14.16 | 8.57 | 8.14 | 7.70 | 7.91 | 7.33 |
| Belarus | .. | .. | .. | 33.65 | 11.93 | 11.51 | 17.68 | 18.61 | 18.86 |
| Georgia | .. | .. | .. | 2.19 | 0.05 | 0.02 | 0.01 | 0.01 | 0.04 |
| Kazakhstan | .. | .. | .. | 18.41 | 10.78 | 6.30 | 12.14 | 11.82 | 12.01 |
| Kyrgyzstan | .. | .. | .. | - | - | 0.14 | 0.08 | 0.07 | 0.12 |
| Lithuania | .. | .. | .. | 9.42 | 3.32 | 5.01 | 9.39 | 8.40 | 5.87 |
| Russian Federation | .. | .. | .. | 269.72 | 178.94 | 179.91 | 208.85 | 219.84 | 227.22 |
| Tajikistan | .. | .. | .. | 0.06 | 0.03 | 0.01 | 0.01 | 0.02 | 0.02 |
| Turkmenistan | .. | .. | .. | 4.18 | 3.40 | 5.58 | 6.58 | 6.59 | 7.34 |
| Ukraine | .. | .. | .. | 61.14 | 17.04 | 9.32 | 19.42 | 15.41 | 14.97 |
| Uzbekistan | .. | .. | .. | 7.92 | 6.62 | 6.88 | 5.67 | 5.29 | 5.13 |
| Former Soviet Union | 289.43 | 332.22 | 447.46 | 420.85 | 240.69 | 232.81 | 287.54 | 293.97 | 298.92 |

Production of petroleum products (Mtoe)**Production de produits pétroliers (Mtep)***Erzeugung von Ölprodukten (Mtoe)**Produzione di prodotti petroliferi (Mtep)**石油製品の生産量 (石油換算百万トン)**Producción de productos petrolíferos (Mtep)**Производство нефтепродуктов (Мтнэ)*

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bahrain | 12.80 | 12.21 | 12.36 | 12.67 | 12.88 | 13.08 | 13.53 | 13.14 | 13.24 |
| Islamic Republic of Iran | 27.41 | 29.13 | 34.27 | 40.94 | 61.99 | 77.40 | 82.13 | 86.64 | 86.97 |
| Iraq | 3.60 | 4.06 | 10.08 | 20.13 | 21.15 | 27.40 | 18.04 | 16.67 | 15.58 |
| Israel | 5.21 | 6.13 | 6.33 | 8.18 | 11.05 | 10.83 | 11.48 | 11.70 | 13.32 |
| Jordan | 0.57 | 0.68 | 1.76 | 2.68 | 3.16 | 3.84 | 4.38 | 4.21 | 3.95 |
| Kuwait | 16.90 | 18.78 | 16.93 | 12.05 | 40.51 | 35.77 | 42.92 | 44.64 | 45.65 |
| Lebanon | 2.06 | 2.46 | 2.27 | 0.10 | - | - | - | - | - |
| Oman | - | - | - | 3.17 | 3.63 | 3.94 | 4.27 | 4.23 | 3.64 |
| Qatar | 0.02 | 0.02 | 0.40 | 2.97 | 3.04 | 3.22 | 5.78 | 6.53 | 7.36 |
| Saudi Arabia | 27.26 | 28.19 | 33.39 | 79.71 | 74.09 | 83.91 | 101.32 | 101.39 | 98.21 |
| Syrian Arab Republic | 2.13 | 1.99 | 6.48 | 11.13 | 11.85 | 12.16 | 12.01 | 12.78 | 11.56 |
| United Arab Emirates | - | - | 0.58 | 9.48 | 11.23 | 14.55 | 17.51 | 18.33 | 16.87 |
| Yemen | 3.52 | 2.86 | 3.46 | 4.58 | 3.58 | 3.72 | 3.57 | 3.28 | 3.88 |
| Middle East | 101.48 | 106.50 | 128.31 | 207.79 | 258.16 | 289.81 | 316.94 | 323.54 | 320.23 |
| Non-OECD Total | 792.60 | 903.75 | 1 130.83 | 1 291.09 | 1 243.02 | 1 440.76 | 1 689.90 | 1 731.43 | 1 766.16 |
| <i>European Union - 27</i> | .. | .. | .. | 674.40 | 698.98 | 726.27 | 748.74 | 743.80 | 721.52 |
| OECD North America | 715.72 | 801.72 | 891.13 | 907.31 | 934.72 | 1 004.87 | 1 038.51 | 1 036.48 | 1 037.31 |
| OECD Pacific | 221.21 | 273.16 | 266.13 | 263.31 | 350.26 | 382.99 | 375.02 | 366.25 | 368.81 |
| OECD Europe | 672.90 | 782.67 | 718.03 | 672.73 | 717.52 | 747.67 | 764.41 | 762.28 | 741.71 |
| OECD Total | 1 609.83 | 1 857.54 | 1 875.29 | 1 843.35 | 2 002.50 | 2 135.52 | 2 177.94 | 2 165.01 | 2 147.83 |
| World | 2 402.43 | 2 761.29 | 3 006.12 | 3 134.44 | 3 245.52 | 3 576.28 | 3 867.84 | 3 896.45 | 3 913.99 |

Production of natural gas (Mtoe)
Production de gaz naturel (Mtep)
Erzeugung von Erdgas (Mtoe)
Produzione di gas naturale (Mtep)
 天然ガスの生産量 (石油換算百万トン)
Producción de gas natural (Mtep)
 Производство природного газа (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 2.16 | 3.64 | 11.48 | 38.85 | 46.65 | 69.85 | 75.60 | 74.36 | 73.60 |
| Angola | 0.04 | 0.05 | 0.06 | 0.44 | 0.46 | 0.47 | 0.61 | 0.65 | 0.57 |
| Cameroon | - | - | - | - | - | - | - | - | 0.35 |
| Congo | 0.00 | 0.00 | - | - | - | - | 0.02 | 0.02 | 0.02 |
| Côte d'Ivoire | - | - | - | - | 0.04 | 1.27 | 1.25 | 1.23 | 1.01 |
| Egypt | 0.07 | 0.07 | 1.59 | 6.73 | 10.28 | 17.79 | 41.54 | 44.58 | 45.91 |
| Gabon | 0.08 | 0.40 | 0.01 | 0.09 | 0.11 | 0.10 | 0.10 | 0.11 | 0.13 |
| Libyan Arab Jamahiriya | 1.30 | 3.42 | 4.22 | 5.06 | 5.18 | 4.80 | 9.23 | 12.09 | 13.44 |
| Morocco | 0.04 | 0.06 | 0.06 | 0.04 | 0.01 | 0.04 | 0.03 | 0.05 | 0.05 |
| Mozambique | - | - | - | - | 0.00 | 0.00 | 1.87 | 2.22 | 2.25 |
| Nigeria | 0.17 | 0.35 | 1.24 | 3.27 | 4.40 | 10.56 | 18.98 | 23.89 | 28.89 |
| Senegal | - | - | - | 0.01 | 0.05 | 0.00 | 0.01 | 0.01 | 0.01 |
| South Africa | - | - | - | 1.50 | 1.71 | 1.40 | 1.78 | 1.55 | 1.61 |
| United Rep. of Tanzania | - | - | - | - | - | - | 0.33 | 0.41 | 0.45 |
| Tunisia | 0.00 | 0.11 | 0.35 | 0.33 | 0.13 | 1.89 | 1.99 | 2.03 | 1.93 |
| Other Africa | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 1.06 | 2.38 |
| Africa | 3.87 | 8.11 | 19.01 | 56.32 | 69.02 | 108.16 | 153.77 | 164.27 | 172.58 |
| Argentina | 5.65 | 5.75 | 8.55 | 17.01 | 21.32 | 33.69 | 36.22 | 37.15 | 38.12 |
| Bolivia | 0.06 | 1.69 | 2.14 | 2.76 | 3.06 | 3.11 | 9.98 | 10.63 | 11.62 |
| Brazil | 0.11 | 0.16 | 0.82 | 3.24 | 4.14 | 5.98 | 9.23 | 9.35 | 9.16 |
| Chile | 0.64 | 0.53 | 0.72 | 1.41 | 1.43 | 1.60 | 1.61 | 1.55 | 1.08 |
| Colombia | 1.12 | 1.41 | 2.39 | 3.37 | 3.62 | 5.46 | 6.12 | 6.13 | 6.13 |
| Cuba | 0.00 | 0.01 | 0.02 | 0.03 | 0.01 | 0.47 | 0.61 | 0.89 | 0.99 |
| Ecuador | 0.06 | 0.05 | 0.04 | 0.22 | 0.28 | 0.28 | 0.39 | 0.64 | 0.66 |
| Peru | 0.31 | 0.30 | 0.45 | 0.41 | 0.38 | 0.44 | 1.46 | 1.67 | 2.34 |
| Trinidad and Tobago | 1.60 | 1.59 | 2.44 | 4.70 | 5.03 | 11.02 | 22.93 | 26.14 | 28.79 |
| Venezuela | 8.92 | 10.75 | 13.97 | 20.75 | 24.97 | 27.07 | 22.73 | 23.39 | 22.72 |
| Other Latin America | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.02 |
| Latin America | 18.47 | 22.25 | 31.54 | 53.92 | 64.27 | 89.13 | 111.30 | 117.57 | 121.63 |
| Bangladesh | 0.38 | 0.52 | 1.04 | 3.72 | 5.49 | 7.37 | 10.81 | 11.67 | 12.47 |
| Brunei Darussalam | 0.10 | 1.54 | 8.94 | 7.94 | 9.35 | 9.46 | 10.00 | 10.58 | 10.27 |
| Chinese Taipei | 0.91 | 1.22 | 1.59 | 1.04 | 0.75 | 0.60 | 0.44 | 0.37 | 0.33 |
| India | 0.57 | 0.60 | 1.19 | 9.83 | 16.26 | 20.99 | 23.84 | 23.41 | 23.73 |
| Indonesia | 0.24 | 0.33 | 14.96 | 42.65 | 58.65 | 63.03 | 62.72 | 64.06 | 64.81 |
| Malaysia | 0.07 | 0.10 | 2.24 | 15.48 | 24.61 | 42.55 | 55.35 | 54.57 | 54.29 |
| Myanmar | 0.06 | 0.09 | 0.29 | 0.76 | 1.22 | 5.17 | 10.97 | 10.63 | 11.41 |
| Pakistan | 2.36 | 2.86 | 5.02 | 10.08 | 13.15 | 16.66 | 25.19 | 25.09 | 26.53 |
| Philippines | - | - | - | - | 0.00 | 0.01 | 2.70 | 2.53 | 3.03 |
| Thailand | - | - | - | 5.10 | 8.86 | 15.79 | 18.50 | 19.04 | 20.31 |
| Vietnam | - | - | - | 0.00 | 0.19 | 1.12 | 6.20 | 6.64 | 5.94 |
| Other Asia | 2.08 | 2.19 | 2.21 | 0.24 | 0.22 | 0.20 | 0.22 | 0.24 | 0.27 |
| Asia | 6.76 | 9.45 | 37.48 | 96.86 | 138.75 | 182.96 | 226.93 | 228.82 | 233.40 |
| People's Rep. of China | 3.13 | 5.01 | 11.96 | 12.80 | 15.02 | 22.76 | 42.62 | 48.99 | 57.93 |
| China | 3.13 | 5.01 | 11.96 | 12.80 | 15.02 | 22.76 | 42.62 | 48.99 | 57.93 |
| Albania | 0.11 | 0.16 | 0.32 | 0.20 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 |
| Bulgaria | 0.25 | 0.17 | 0.15 | 0.01 | 0.04 | 0.01 | 0.38 | 0.37 | 0.24 |
| Croatia | .. | .. | .. | 1.62 | 1.61 | 1.35 | 1.86 | 2.22 | 2.36 |
| Romania | 22.44 | 24.30 | 31.27 | 22.90 | 14.44 | 10.97 | 9.70 | 9.56 | 9.23 |
| Serbia | .. | .. | .. | 0.53 | 0.68 | 0.62 | 0.23 | 0.24 | 0.20 |
| Slovenia | .. | .. | .. | 0.02 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 |
| Former Yugoslavia | 1.00 | 1.33 | 1.74 | x | x | x | x | x | x |
| Non-OECD Europe | 23.79 | 25.96 | 33.48 | 25.28 | 16.80 | 12.97 | 12.19 | 12.40 | 12.04 |

Production of natural gas (Mtoe)
Production de gaz naturel (Mtep)
Erzeugung von Erdgas (Mtoe)
Produzione di gas naturale (Mtep)
 天然ガスの生産量 (石油換算百万トン)
Producción de gas natural (Mtep)
Производство природного газа (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Azerbaijan | .. | .. | .. | 8.02 | 5.38 | 4.74 | 4.64 | 5.48 | 9.08 |
| Belarus | .. | .. | .. | 0.24 | 0.22 | 0.21 | 0.19 | 0.18 | 0.17 |
| Georgia | .. | .. | .. | 0.05 | 0.01 | 0.06 | 0.01 | 0.02 | 0.01 |
| Kazakhstan | .. | .. | .. | 5.76 | 4.79 | 9.68 | 21.12 | 22.13 | 24.79 |
| Kyrgyzstan | .. | .. | .. | 0.07 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 |
| Russian Federation | .. | .. | .. | 516.67 | 480.41 | 470.60 | 515.70 | 525.72 | 521.85 |
| Tajikistan | .. | .. | .. | 0.09 | 0.03 | 0.03 | 0.02 | 0.01 | 0.01 |
| Turkmenistan | .. | .. | .. | 68.77 | 29.07 | 38.20 | 51.30 | 51.50 | 56.08 |
| Ukraine | .. | .. | .. | 22.59 | 15.23 | 15.00 | 17.43 | 17.68 | 17.70 |
| Uzbekistan | .. | .. | .. | 33.00 | 39.49 | 45.80 | 48.97 | 50.95 | 52.94 |
| Former Soviet Union | 175.70 | 195.40 | 359.60 | 655.26 | 574.67 | 584.35 | 659.39 | 673.69 | 682.65 |
| Bahrain | 0.76 | 1.34 | 2.43 | 3.55 | 3.96 | 4.97 | 6.24 | 6.79 | 7.28 |
| Islamic Republic of Iran | 6.79 | 10.05 | 3.66 | 19.12 | 35.70 | 49.44 | 79.73 | 87.41 | 98.25 |
| Iraq | 0.76 | 0.99 | 1.05 | 3.25 | 2.59 | 2.57 | 1.18 | 1.18 | 1.19 |
| Israel | 0.10 | 0.05 | 0.13 | 0.03 | 0.02 | 0.01 | 1.35 | 1.88 | 1.86 |
| Jordan | - | - | - | 0.10 | 0.22 | 0.21 | 0.18 | 0.19 | 0.17 |
| Kuwait | 4.25 | 4.96 | 5.63 | 3.34 | 7.70 | 7.64 | 9.43 | 9.69 | 9.43 |
| Oman | - | - | 0.31 | 2.44 | 3.84 | 8.88 | 17.92 | 20.88 | 21.15 |
| Qatar | 0.82 | 1.29 | 2.84 | 5.56 | 7.34 | 21.78 | 38.64 | 44.44 | 53.53 |
| Saudi Arabia | 1.15 | 1.54 | 9.15 | 21.65 | 27.53 | 34.20 | 51.08 | 53.62 | 55.10 |
| Syrian Arab Republic | - | - | 0.04 | 1.37 | 2.24 | 4.94 | 4.94 | 5.10 | 5.02 |
| United Arab Emirates | 0.88 | 1.05 | 6.30 | 16.85 | 26.25 | 33.39 | 39.01 | 40.86 | 42.91 |
| Middle East | 15.51 | 21.26 | 31.55 | 77.26 | 117.39 | 168.03 | 249.70 | 272.04 | 295.90 |
| Non-OECD Total | 247.24 | 287.42 | 524.61 | 977.72 | 995.92 | 1 168.36 | 1 455.91 | 1 517.77 | 1 576.13 |
| <i>European Union - 27</i> | .. | .. | .. | 162.40 | 188.91 | 207.50 | 188.62 | 179.36 | 167.31 |
| OECD North America | 565.23 | 574.52 | 539.74 | 529.39 | 588.78 | 626.48 | 612.37 | 626.96 | 639.21 |
| OECD Pacific | 4.04 | 5.95 | 10.20 | 22.95 | 30.89 | 35.87 | 41.95 | 43.69 | 46.07 |
| OECD Europe | 88.16 | 125.17 | 168.38 | 163.78 | 202.81 | 242.85 | 256.01 | 249.02 | 236.63 |
| OECD Total | 657.43 | 705.65 | 718.31 | 716.12 | 822.49 | 905.20 | 910.33 | 919.67 | 921.91 |
| World | 904.67 | 993.07 | 1 242.92 | 1 693.84 | 1 818.41 | 2 073.56 | 2 366.24 | 2 437.44 | 2 498.03 |

Production of nuclear energy (Mtoe)
Production d'énergie nucléaire (Mtep)
Erzeugung von Kernenergie (Mtoe)
Produzione di energia nucleare (Mtep)
原子力の生産量 (石油換算百万トン)
Producción de energía nuclear (Mtep)
Производство атомной энергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| South Africa | - | - | - | 2.20 | 2.95 | 3.39 | 2.94 | 2.61 | 2.95 |
| Africa | - | - | - | 2.20 | 2.95 | 3.39 | 2.94 | 2.61 | 2.95 |
| Argentina | - | - | 0.61 | 1.90 | 1.84 | 1.61 | 1.79 | 2.00 | 1.88 |
| Brazil | - | - | - | 0.58 | 0.66 | 1.58 | 2.57 | 3.58 | 3.22 |
| Latin America | - | - | 0.61 | 2.48 | 2.50 | 3.19 | 4.36 | 5.59 | 5.10 |
| Chinese Taipei | - | - | 2.14 | 8.57 | 9.20 | 10.03 | 10.42 | 10.39 | 10.56 |
| India | 0.31 | 0.62 | 0.78 | 1.60 | 2.08 | 4.40 | 4.51 | 4.90 | 4.37 |
| Pakistan | 0.03 | 0.08 | 0.00 | 0.08 | 0.13 | 0.52 | 0.65 | 0.60 | 0.80 |
| Asia | 0.34 | 0.70 | 2.92 | 10.24 | 11.41 | 14.96 | 15.58 | 15.89 | 15.74 |
| People's Rep. of China | - | - | - | - | 3.34 | 4.36 | 13.84 | 14.29 | 16.19 |
| China | - | - | - | - | 3.34 | 4.36 | 13.84 | 14.29 | 16.19 |
| Bulgaria | - | - | 1.61 | 3.82 | 4.50 | 4.75 | 4.88 | 5.09 | 3.84 |
| Romania | - | - | - | - | - | 1.42 | 1.45 | 1.47 | 2.01 |
| Slovenia | .. | .. | .. | 1.20 | 1.25 | 1.24 | 1.53 | 1.45 | 1.48 |
| Non-OECD Europe | - | - | 1.61 | 5.03 | 5.75 | 7.41 | 7.86 | 8.01 | 7.33 |
| Armenia | .. | .. | .. | - | 0.08 | 0.52 | 0.71 | 0.69 | 0.67 |
| Lithuania | .. | .. | .. | 4.50 | 3.14 | 2.25 | 2.74 | 2.30 | 2.61 |
| Russian Federation | .. | .. | .. | 31.30 | 26.25 | 34.42 | 39.25 | 41.12 | 42.06 |
| Ukraine | .. | .. | .. | 19.85 | 18.38 | 20.14 | 23.13 | 23.51 | 24.12 |
| Former Soviet Union | 1.59 | 3.13 | 19.02 | 55.66 | 47.85 | 57.33 | 65.83 | 67.62 | 69.45 |
| Non-OECD Total | 1.93 | 3.83 | 24.16 | 75.61 | 73.80 | 90.64 | 110.41 | 114.01 | 116.76 |
| <i>European Union - 27</i> | .. | .. | .. | 207.31 | 229.64 | 246.35 | 260.16 | 258.12 | 243.89 |
| OECD North America | 11.68 | 27.31 | 79.77 | 179.55 | 213.78 | 229.00 | 238.08 | 241.07 | 245.11 |
| OECD Pacific | 2.08 | 2.53 | 22.43 | 66.50 | 93.37 | 112.32 | 117.67 | 117.84 | 106.01 |
| OECD Europe | 13.26 | 19.38 | 60.05 | 203.96 | 227.26 | 243.61 | 255.67 | 255.10 | 241.26 |
| OECD Total | 27.02 | 49.22 | 162.25 | 450.01 | 534.41 | 584.94 | 611.43 | 614.00 | 592.38 |
| World | 28.95 | 53.05 | 186.41 | 525.61 | 608.21 | 675.58 | 721.84 | 728.01 | 709.14 |

Production of hydro energy (Mtoe)
Production d'énergie hydraulique (Mtep)

Erzeugung von Wasserkraft (Mtoe)
Produzione di energia idroelettrica (Mtep)
水力の生産量 (石油換算百万トン)
Producción de energía hidráulica (Mtep)
Производство гидроэнергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Algeria | 0.03 | 0.06 | 0.02 | 0.01 | 0.02 | 0.00 | 0.05 | 0.02 | 0.02 |
| Angola | 0.05 | 0.07 | 0.05 | 0.06 | 0.08 | 0.08 | 0.19 | 0.23 | 0.28 |
| Benin | - | - | - | - | - | 0.00 | 0.00 | - | 0.00 |
| Cameroon | 0.09 | 0.09 | 0.12 | 0.23 | 0.24 | 0.30 | 0.32 | 0.33 | 0.33 |
| Congo | 0.00 | 0.00 | 0.01 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| DR of Congo | 0.30 | 0.32 | 0.36 | 0.48 | 0.53 | 0.52 | 0.64 | 0.67 | 0.71 |
| Côte d'Ivoire | 0.01 | 0.01 | 0.12 | 0.11 | 0.15 | 0.15 | 0.12 | 0.13 | 0.15 |
| Egypt | 0.43 | 0.44 | 0.84 | 0.85 | 0.98 | 1.18 | 1.09 | 1.11 | 1.33 |
| Ethiopia | 0.03 | 0.03 | 0.04 | 0.09 | 0.12 | 0.14 | 0.24 | 0.28 | 0.29 |
| Gabon | - | 0.00 | 0.02 | 0.06 | 0.07 | 0.07 | 0.07 | 0.08 | 0.07 |
| Ghana | 0.25 | 0.33 | 0.45 | 0.49 | 0.52 | 0.57 | 0.48 | 0.48 | 0.32 |
| Kenya | 0.03 | 0.04 | 0.09 | 0.21 | 0.27 | 0.11 | 0.26 | 0.28 | 0.30 |
| Morocco | 0.13 | 0.10 | 0.13 | 0.10 | 0.05 | 0.06 | 0.12 | 0.14 | 0.11 |
| Mozambique | 0.02 | 0.02 | 0.03 | 0.02 | 0.03 | 0.83 | 1.14 | 1.27 | 1.38 |
| Namibia | .. | .. | .. | .. | 0.10 | 0.11 | 0.13 | 0.12 | 0.13 |
| Nigeria | 0.14 | 0.16 | 0.24 | 0.38 | 0.47 | 0.49 | 0.68 | 0.66 | 0.55 |
| Senegal | - | - | - | - | - | - | 0.02 | 0.02 | 0.02 |
| South Africa | 0.01 | 0.08 | 0.09 | 0.09 | 0.05 | 0.09 | 0.11 | 0.25 | 0.08 |
| Sudan | 0.02 | 0.04 | 0.05 | 0.08 | 0.08 | 0.10 | 0.11 | 0.12 | 0.12 |
| United Rep. of Tanzania | 0.03 | 0.03 | 0.06 | 0.13 | 0.13 | 0.18 | 0.15 | 0.12 | 0.22 |
| Togo | 0.01 | 0.00 | 0.00 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 |
| Tunisia | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 |
| Zambia | 0.08 | 0.27 | 0.79 | 0.68 | 0.68 | 0.67 | 0.76 | 0.80 | 0.84 |
| Zimbabwe | 0.21 | 0.30 | 0.34 | 0.38 | 0.20 | 0.28 | 0.50 | 0.48 | 0.45 |
| Other Africa | 0.07 | 0.09 | 0.21 | 0.31 | 0.37 | 0.44 | 0.50 | 0.45 | 0.47 |
| Africa | 1.93 | 2.50 | 4.08 | 4.84 | 5.20 | 6.42 | 7.76 | 8.09 | 8.23 |
| Argentina | 0.13 | 0.26 | 1.30 | 1.54 | 2.31 | 2.47 | 2.92 | 3.26 | 2.62 |
| Bolivia | 0.08 | 0.08 | 0.09 | 0.10 | 0.11 | 0.17 | 0.17 | 0.19 | 0.20 |
| Brazil | 3.72 | 4.98 | 11.09 | 17.78 | 21.84 | 26.20 | 29.02 | 30.00 | 32.17 |
| Chile | 0.41 | 0.48 | 0.68 | 0.77 | 1.58 | 1.67 | 2.28 | 2.51 | 1.99 |
| Colombia | 0.57 | 0.68 | 1.23 | 2.36 | 2.77 | 2.76 | 3.42 | 3.68 | 3.82 |
| Costa Rica | 0.09 | 0.10 | 0.18 | 0.29 | 0.31 | 0.49 | 0.56 | 0.57 | 0.58 |
| Cuba | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Dominican Republic | 0.05 | 0.05 | 0.05 | 0.03 | 0.05 | 0.07 | 0.16 | 0.12 | 0.12 |
| Ecuador | 0.04 | 0.04 | 0.08 | 0.43 | 0.44 | 0.65 | 0.59 | 0.61 | 0.78 |
| El Salvador | 0.04 | 0.04 | 0.08 | 0.14 | 0.13 | 0.10 | 0.14 | 0.17 | 0.15 |
| Guatemala | 0.02 | 0.02 | 0.02 | 0.15 | 0.14 | 0.20 | 0.28 | 0.33 | 0.31 |
| Haiti | 0.00 | 0.01 | 0.02 | 0.04 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 |
| Honduras | 0.02 | 0.03 | 0.07 | 0.20 | 0.14 | 0.19 | 0.15 | 0.18 | 0.19 |
| Jamaica | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Nicaragua | 0.02 | 0.03 | 0.04 | 0.03 | 0.04 | 0.02 | 0.04 | 0.03 | 0.03 |
| Panama | 0.01 | 0.01 | 0.08 | 0.19 | 0.21 | 0.29 | 0.32 | 0.31 | 0.32 |
| Paraguay | 0.01 | 0.03 | 0.06 | 2.34 | 3.62 | 4.60 | 4.40 | 4.63 | 4.62 |
| Peru | 0.37 | 0.41 | 0.60 | 0.90 | 1.10 | 1.39 | 1.72 | 1.85 | 1.68 |
| Uruguay | 0.13 | 0.13 | 0.30 | 0.60 | 0.50 | 0.61 | 0.57 | 0.31 | 0.69 |
| Venezuela | 0.46 | 0.54 | 1.25 | 3.18 | 4.42 | 5.41 | 6.64 | 7.02 | 7.14 |
| Other Latin America | 0.09 | 0.09 | 0.08 | 0.11 | 0.12 | 0.07 | 0.09 | 0.09 | 0.09 |
| Latin America | 6.29 | 8.01 | 17.32 | 31.19 | 39.87 | 47.41 | 53.52 | 55.88 | 57.54 |

Does not include electricity output from pumped storage plants.

Production of hydro energy (Mtoe)
Production d'énergie hydraulique (Mtep)

Erzeugung von Wasserkraft (Mtoe)
Produzione di energia idroelettrica (Mtep)
水力の生産量 (石油換算百万トン)
Producción de energía hidráulica (Mtep)
Производство гидроэнергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Bangladesh | 0.02 | 0.03 | 0.05 | 0.08 | 0.03 | 0.08 | 0.11 | 0.12 | 0.12 |
| Cambodia | .. | .. | .. | .. | - | - | 0.00 | 0.00 | 0.00 |
| Chinese Taipei | 0.27 | 0.29 | 0.25 | 0.55 | 0.42 | 0.39 | 0.34 | 0.35 | 0.38 |
| India | 2.41 | 2.49 | 4.00 | 6.16 | 6.24 | 6.40 | 8.75 | 9.78 | 10.65 |
| Indonesia | 0.12 | 0.13 | 0.19 | 0.58 | 0.71 | 0.86 | 0.93 | 0.83 | 0.97 |
| DPR of Korea | 0.79 | 0.82 | 0.91 | 1.34 | 1.22 | 0.88 | 1.13 | 1.09 | 1.14 |
| Malaysia | 0.09 | 0.10 | 0.12 | 0.34 | 0.54 | 0.64 | 0.45 | 0.55 | 0.56 |
| Myanmar | 0.04 | 0.05 | 0.07 | 0.10 | 0.14 | 0.16 | 0.26 | 0.29 | 0.30 |
| Nepal | 0.01 | 0.01 | 0.02 | 0.08 | 0.10 | 0.14 | 0.22 | 0.23 | 0.24 |
| Pakistan | 0.32 | 0.37 | 0.75 | 1.46 | 2.00 | 1.48 | 2.65 | 2.75 | 2.47 |
| Philippines | 0.17 | 0.16 | 0.30 | 0.52 | 0.54 | 0.67 | 0.72 | 0.85 | 0.74 |
| Sri Lanka | 0.07 | 0.06 | 0.13 | 0.27 | 0.38 | 0.27 | 0.30 | 0.40 | 0.34 |
| Thailand | 0.18 | 0.16 | 0.11 | 0.43 | 0.58 | 0.52 | 0.50 | 0.70 | 0.70 |
| Vietnam | 0.05 | 0.04 | 0.13 | 0.46 | 0.91 | 1.25 | 1.81 | 2.06 | 2.57 |
| Other Asia | 0.08 | 0.07 | 0.20 | 0.40 | 0.41 | 0.65 | 0.70 | 0.74 | 0.84 |
| Asia | 4.60 | 4.78 | 7.23 | 12.76 | 14.20 | 14.40 | 18.88 | 20.74 | 22.02 |
| People's Rep. of China | 2.58 | 3.27 | 5.01 | 10.90 | 16.39 | 19.13 | 34.14 | 37.48 | 41.73 |
| China | 2.58 | 3.27 | 5.01 | 10.90 | 16.39 | 19.13 | 34.14 | 37.48 | 41.73 |
| Albania | 0.06 | 0.10 | 0.25 | 0.24 | 0.36 | 0.40 | 0.46 | 0.43 | 0.24 |
| Bosnia and Herzegovina | .. | .. | .. | 0.26 | 0.31 | 0.44 | 0.52 | 0.50 | 0.34 |
| Bulgaria | 0.19 | 0.22 | 0.32 | 0.16 | 0.20 | 0.23 | 0.37 | 0.36 | 0.25 |
| Croatia | .. | .. | .. | 0.33 | 0.45 | 0.51 | 0.54 | 0.52 | 0.36 |
| FYR of Macedonia | .. | .. | .. | 0.04 | 0.07 | 0.10 | 0.13 | 0.14 | 0.09 |
| Romania | 0.39 | 0.65 | 1.09 | 0.98 | 1.44 | 1.27 | 1.74 | 1.58 | 1.37 |
| Serbia | .. | .. | .. | 0.81 | 1.05 | 1.03 | 1.03 | 0.94 | 0.86 |
| Slovenia | .. | .. | .. | 0.25 | 0.28 | 0.33 | 0.30 | 0.31 | 0.28 |
| Former Yugoslavia | 1.35 | 1.41 | 2.42 | x | x | x | x | x | x |
| Non-OECD Europe | 1.98 | 2.38 | 4.08 | 3.09 | 4.16 | 4.30 | 5.09 | 4.79 | 3.80 |
| Armenia | .. | .. | .. | 0.13 | 0.17 | 0.11 | 0.15 | 0.16 | 0.16 |
| Azerbaijan | .. | .. | .. | 0.06 | 0.13 | 0.13 | 0.26 | 0.22 | 0.20 |
| Belarus | .. | .. | .. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Estonia | .. | .. | .. | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Georgia | .. | .. | .. | 0.65 | 0.45 | 0.50 | 0.54 | 0.46 | 0.59 |
| Kazakhstan | .. | .. | .. | 0.63 | 0.72 | 0.65 | 0.68 | 0.67 | 0.70 |
| Kyrgyzstan | .. | .. | .. | 0.86 | 0.96 | 1.18 | 1.23 | 1.28 | 1.20 |
| Latvia | .. | .. | .. | 0.39 | 0.25 | 0.24 | 0.29 | 0.23 | 0.24 |
| Lithuania | .. | .. | .. | 0.04 | 0.03 | 0.03 | 0.04 | 0.03 | 0.04 |
| Republic of Moldova | .. | .. | .. | 0.02 | 0.03 | 0.01 | 0.01 | 0.01 | 0.00 |
| Russian Federation | .. | .. | .. | 14.27 | 15.09 | 14.11 | 14.85 | 14.91 | 15.23 |
| Tajikistan | .. | .. | .. | 1.42 | 1.26 | 1.21 | 1.46 | 1.44 | 1.47 |
| Turkmenistan | .. | .. | .. | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ukraine | .. | .. | .. | 0.90 | 0.86 | 0.97 | 1.06 | 1.11 | 0.87 |
| Uzbekistan | .. | .. | .. | 0.57 | 0.53 | 0.51 | 0.53 | 0.54 | 0.55 |
| Former Soviet Union | 10.84 | 10.52 | 15.89 | 20.00 | 20.46 | 19.64 | 21.08 | 21.05 | 21.25 |
| Islamic Republic of Iran | 0.23 | 0.24 | 0.48 | 0.52 | 0.63 | 0.31 | 1.38 | 1.57 | 1.55 |
| Iraq | 0.02 | 0.02 | 0.06 | 0.22 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 |
| Israel | - | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Jordan | - | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| Lebanon | 0.07 | 0.04 | 0.07 | 0.04 | 0.06 | 0.04 | 0.09 | 0.06 | 0.05 |
| Syrian Arab Republic | 0.00 | 0.00 | 0.22 | 0.23 | 0.22 | 0.28 | 0.30 | 0.34 | 0.30 |
| Middle East | 0.32 | 0.31 | 0.84 | 1.03 | 0.96 | 0.69 | 1.82 | 2.02 | 1.95 |

Does not include electricity output from pumped storage plants.

Production of hydro energy (Mtoe)
Production d'énergie hydraulique (Mtep)

Erzeugung von Wasserkraft (Mtoe)
Produzione di energia idroelettrica (Mtep)
水力の生産量 (石油換算百万トン)
Producción de energía hidráulica (Mtep)
Производство гидроэнергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Non-OECD Total | 28.53 | 31.77 | 54.43 | 83.81 | 101.23 | 111.99 | 142.30 | 150.05 | 156.52 |
| <i>European Union - 27</i> | .. | .. | .. | 24.61 | 28.05 | 30.32 | 26.21 | 26.51 | 26.61 |
| OECD North America | 37.87 | 40.96 | 47.03 | 51.03 | 58.27 | 55.46 | 57.08 | 58.27 | 55.50 |
| OECD Pacific | 9.48 | 8.07 | 10.50 | 11.45 | 11.01 | 11.39 | 10.23 | 11.18 | 9.94 |
| OECD Europe | 27.83 | 29.44 | 35.75 | 38.13 | 42.77 | 46.53 | 41.83 | 41.35 | 42.79 |
| OECD Total | 75.17 | 78.46 | 93.28 | 100.61 | 112.05 | 113.38 | 109.15 | 110.81 | 108.23 |
| World | 103.71 | 110.23 | 147.72 | 184.42 | 213.28 | 225.36 | 251.45 | 260.86 | 264.74 |

Does not include electricity output from pumped storage plants.

Production of geothermal energy (Mtoe)
Production d'énergie géothermique (Mtep)
Erzeugung von geothermischer Energie (Mtoe)
Produzione di energia geotermica (Mtep)
 地熱エネルギーの生産量 (石油換算百万トン)
Producción de energía geotérmica (Mtep)
Производство геотермальной энергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Ethiopia | - | - | - | - | - | 0.00 | - | - | - |
| Kenya | - | - | - | 0.28 | 0.34 | 0.37 | 0.86 | 0.87 | 0.88 |
| Africa | - | - | - | 0.28 | 0.34 | 0.37 | 0.86 | 0.87 | 0.88 |
| Costa Rica | - | - | - | - | 0.40 | 0.84 | 0.99 | 1.04 | 1.07 |
| El Salvador | - | - | 0.42 | 0.36 | 0.38 | 0.68 | 0.90 | 0.98 | 1.19 |
| Nicaragua | - | - | - | 0.33 | 0.27 | 0.12 | 0.23 | 0.27 | 0.21 |
| Latin America | - | - | 0.42 | 0.69 | 1.05 | 1.63 | 2.12 | 2.29 | 2.46 |
| Chinese Taipei | - | - | - | 0.00 | - | - | - | - | - |
| Indonesia | - | - | - | 0.94 | 1.90 | 4.19 | 5.68 | 5.72 | 6.04 |
| Philippines | - | - | 1.79 | 4.70 | 5.27 | 9.99 | 8.51 | 9.00 | 8.78 |
| Thailand | - | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Asia | - | - | 1.79 | 5.64 | 7.17 | 14.18 | 14.19 | 14.72 | 14.82 |
| Bulgaria | - | - | - | - | - | - | 0.03 | 0.03 | 0.03 |
| Croatia | .. | .. | .. | - | - | - | - | - | 0.00 |
| FYR of Macedonia | .. | .. | .. | - | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 |
| Romania | - | - | - | - | - | 0.01 | 0.02 | 0.02 | 0.02 |
| Non-OECD Europe | - | - | - | - | 0.01 | 0.02 | 0.06 | 0.06 | 0.07 |
| Georgia | .. | .. | .. | - | - | 0.01 | 0.01 | 0.01 | 0.02 |
| Lithuania | .. | .. | .. | - | - | - | 0.00 | 0.00 | 0.00 |
| Russian Federation | .. | .. | .. | 0.02 | 0.03 | 0.05 | 0.35 | 0.40 | 0.42 |
| Former Soviet Union | - | - | - | 0.02 | 0.03 | 0.06 | 0.37 | 0.41 | 0.43 |
| Non-OECD Total | - | - | 2.21 | 6.64 | 8.60 | 16.26 | 17.60 | 18.36 | 18.66 |
| <i>European Union - 27</i> | .. | .. | .. | 3.19 | 3.56 | 4.71 | 5.35 | 5.59 | 5.77 |
| OECD North America | 0.50 | 2.25 | 5.39 | 18.51 | 18.12 | 18.16 | 14.91 | 14.39 | 15.15 |
| OECD Pacific | 1.08 | 1.30 | 1.79 | 3.79 | 5.16 | 5.14 | 5.12 | 4.99 | 5.07 |
| OECD Europe | 2.62 | 2.53 | 3.01 | 4.72 | 5.31 | 7.24 | 8.47 | 9.30 | 10.15 |
| OECD Total | 4.20 | 6.08 | 10.19 | 27.02 | 28.60 | 30.54 | 28.50 | 28.67 | 30.38 |
| World | 4.20 | 6.08 | 12.40 | 33.66 | 37.20 | 46.80 | 46.10 | 47.03 | 49.03 |

Production of energy from solar, wind, tide, etc. (Mtoe)
Production d'énergie d'origine solaire, éolienne, marémotrice, etc. (Mtep)

Erzeugung von Solarenergie, Windenergie, Gezeitenenergie usw. (Mtoe)

Produzione di energia solare, eolica, dalle maree, etc. (Mtep)

太陽光、風力、潮力、その他エネルギーの生産量（石油換算百万トン）

Producción de energía solar, eólica, maremotriz, etc. (Mtep)

Производство солнечной энергии, энергии ветра, приливов, и т.д. (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|------|------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| Botswana | .. | .. | .. | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 |
| Egypt | - | - | - | - | - | 0.012 | 0.048 | 0.053 | 0.072 |
| Eritrea | .. | .. | .. | .. | - | 0.000 | 0.000 | 0.000 | 0.000 |
| Morocco | - | - | - | - | - | 0.006 | 0.018 | 0.016 | 0.024 |
| Senegal | - | - | - | - | - | 0.000 | 0.000 | 0.000 | 0.000 |
| South Africa | - | - | - | - | - | - | 0.022 | 0.022 | 0.022 |
| Tunisia | - | - | - | - | - | 0.002 | 0.004 | 0.003 | 0.004 |
| Other Africa | - | - | - | - | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| Africa | - | - | - | 0.001 | 0.001 | 0.021 | 0.092 | 0.095 | 0.122 |
| Argentina | - | - | - | - | - | 0.003 | 0.007 | 0.006 | 0.005 |
| Brazil | - | - | - | - | - | 0.030 | 0.110 | 0.138 | 0.184 |
| Chile | - | - | - | - | - | - | 0.001 | 0.001 | 0.001 |
| Colombia | - | - | - | - | - | - | 0.004 | 0.005 | 0.004 |
| Costa Rica | - | - | - | - | - | 0.016 | 0.018 | 0.024 | 0.021 |
| Jamaica | - | - | - | - | - | - | 0.004 | 0.005 | 0.005 |
| Peru | - | - | - | - | - | 0.053 | 0.056 | 0.056 | 0.007 |
| Latin America | - | - | - | - | - | 0.102 | 0.199 | 0.234 | 0.226 |
| Chinese Taipei | - | - | - | 0.018 | 0.049 | 0.070 | 0.096 | 0.116 | 0.133 |
| India | - | - | - | 0.010 | 0.067 | 0.181 | 0.666 | 0.865 | 1.143 |
| Malaysia | - | - | - | - | - | - | 0.000 | 0.000 | 0.000 |
| Philippines | - | - | - | - | - | - | 0.002 | 0.005 | 0.005 |
| Sri Lanka | - | - | - | - | - | 0.001 | 0.001 | 0.002 | 0.002 |
| Asia | - | - | - | 0.028 | 0.116 | 0.251 | 0.765 | 0.987 | 1.283 |
| People's Rep. of China | - | - | - | 0.033 | 0.275 | 0.985 | 2.937 | 3.781 | 5.061 |
| Hong Kong, China | - | - | - | - | - | - | - | 0.000 | 0.000 |
| China | - | - | - | 0.033 | 0.275 | 0.985 | 2.937 | 3.781 | 5.061 |
| Albania | - | - | - | - | - | 0.001 | 0.002 | 0.002 | 0.002 |
| Bulgaria | - | - | - | - | - | - | 0.000 | 0.002 | 0.004 |
| Croatia | .. | .. | .. | - | - | - | 0.001 | 0.002 | 0.004 |
| Cyprus | - | - | - | - | 0.031 | 0.036 | 0.041 | 0.043 | 0.054 |
| Malta | - | - | - | - | - | - | 0.001 | 0.001 | 0.001 |
| Romania | - | - | - | - | - | - | - | - | 0.000 |
| Serbia | .. | .. | .. | - | - | - | - | - | 0.041 |
| Non-OECD Europe | - | - | - | - | 0.031 | 0.037 | 0.045 | 0.049 | 0.106 |
| Armenia | .. | .. | .. | - | - | - | - | - | 0.000 |
| Belarus | .. | .. | .. | - | - | - | 0.000 | 0.000 | 0.000 |
| Estonia | .. | .. | .. | - | - | 0.000 | 0.005 | 0.007 | 0.008 |
| Latvia | .. | .. | .. | - | - | 0.000 | 0.004 | 0.004 | 0.005 |
| Lithuania | .. | .. | .. | - | - | - | 0.000 | 0.001 | 0.009 |
| Russian Federation | .. | .. | .. | - | - | 0.000 | 0.001 | 0.000 | 0.001 |
| Ukraine | .. | .. | .. | - | - | 0.001 | 0.003 | 0.003 | 0.004 |
| Former Soviet Union | - | - | - | - | - | 0.001 | 0.013 | 0.015 | 0.026 |
| Islamic Republic of Iran | - | - | - | - | - | - | 0.006 | 0.011 | 0.012 |
| Israel | - | - | - | 0.358 | 0.462 | 0.596 | 0.725 | 0.736 | 0.747 |
| Jordan | - | - | - | 0.058 | 0.058 | 0.065 | 0.067 | 0.095 | 0.100 |
| Lebanon | - | - | - | - | 0.004 | 0.008 | 0.014 | 0.016 | 0.018 |
| Middle East | - | - | - | 0.416 | 0.524 | 0.669 | 0.813 | 0.858 | 0.878 |

Production of energy from solar, wind, tide, etc. (Mtoe)
Production d'énergie d'origine solaire, éolienne, marémotrice, etc. (Mtep)

Erzeugung von Solarenergie, Windenergie, Gezeitenenergie usw. (Mtoe)

Produzione di energia solare, eolica, dalle maree, etc. (Mtep)

太陽光、風力、潮力、その他エネルギーの生産量（石油換算百万トン）

Producción de energía solar, eólica, maremotriz, etc. (Mtep)

Производство солнечной энергии, энергии ветра, приливов, и т.д. (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|
| Non-OECD Total | - | - | - | 0.477 | 0.946 | 2.066 | 4.863 | 6.020 | 7.701 |
| <i>European Union - 27</i> | .. | .. | .. | 0.254 | 0.702 | 2.416 | 6.932 | 8.124 | 10.290 |
| OECD North America | - | - | - | 0.323 | 0.355 | 2.131 | 3.124 | 4.016 | 4.847 |
| OECD Pacific | - | - | 0.020 | 1.259 | 1.108 | 0.958 | 0.964 | 1.053 | 1.289 |
| OECD Europe | 0.043 | 0.048 | 0.052 | 0.289 | 0.830 | 2.672 | 7.341 | 8.563 | 10.768 |
| OECD Total | 0.043 | 0.048 | 0.071 | 1.872 | 2.294 | 5.761 | 11.429 | 13.632 | 16.904 |
| World | 0.043 | 0.048 | 0.071 | 2.349 | 3.240 | 7.827 | 16.292 | 19.652 | 24.606 |

Production of combustible renewables and waste (Mtoe)
Production d'énergies renouvelables combustibles et de déchets (Mtep)

Erzeugung von erneuerbaren Brennstoffen und Abfällen (Mtoe)

Produzione di energia da combustibili rinnovabili e da rifiuti (Mtep)

可燃性再生可能エネルギー及び廃棄物の生産量 (石油換算百万トン)

Producción de combustibles renovables y desechos (Mtep)

Производство возобновляемых видов топлива и отходов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 0.01 | 0.01 | 0.01 | 0.02 | 0.05 | 0.08 | 0.08 | 0.07 | 0.08 |
| Angola | 3.19 | 3.23 | 3.60 | 4.32 | 4.86 | 5.52 | 6.38 | 6.56 | 6.74 |
| Benin | 1.00 | 1.04 | 1.21 | 1.56 | 1.76 | 1.45 | 1.67 | 1.72 | 1.77 |
| Botswana | .. | .. | .. | 0.42 | 0.51 | 0.54 | 0.46 | 0.46 | 0.47 |
| Cameroon | 2.36 | 2.46 | 2.97 | 3.82 | 4.37 | 4.98 | 5.58 | 5.25 | 4.97 |
| Congo | 0.31 | 0.33 | 0.38 | 0.47 | 0.52 | 0.59 | 0.67 | 0.69 | 0.71 |
| DR of Congo | 5.57 | 5.88 | 7.22 | 10.00 | 11.73 | 13.61 | 15.79 | 16.30 | 16.78 |
| Côte d'Ivoire | 1.63 | 1.74 | 2.23 | 3.18 | 3.70 | 4.22 | 7.17 | 7.39 | 7.62 |
| Egypt | 0.65 | 0.68 | 0.79 | 1.06 | 1.21 | 1.33 | 1.45 | 1.48 | 1.50 |
| Eritrea | .. | .. | .. | .. | 0.73 | 0.51 | 0.50 | 0.51 | 0.53 |
| Ethiopia | 8.10 | 8.53 | 10.29 | 13.96 | 15.38 | 17.42 | 19.61 | 20.08 | 20.57 |
| Gabon | 0.49 | 0.51 | 0.59 | 0.74 | 0.84 | 0.92 | 1.01 | 1.03 | 1.05 |
| Ghana | 2.09 | 2.29 | 2.85 | 3.90 | 4.73 | 5.32 | 5.90 | 6.02 | 6.15 |
| Kenya | 4.25 | 4.57 | 5.92 | 8.52 | 9.88 | 11.25 | 12.87 | 13.20 | 13.55 |
| Libyan Arab Jamahiriya | 0.10 | 0.11 | 0.13 | 0.13 | 0.13 | 0.14 | 0.15 | 0.16 | 0.16 |
| Morocco | 0.13 | 0.13 | 0.26 | 0.32 | 0.40 | 0.44 | 0.45 | 0.45 | 0.45 |
| Mozambique | 5.95 | 5.88 | 5.94 | 5.56 | 5.85 | 6.42 | 7.05 | 7.19 | 7.34 |
| Namibia | .. | .. | .. | .. | 0.15 | 0.17 | 0.19 | 0.19 | 0.19 |
| Nigeria | 33.96 | 35.67 | 42.97 | 56.58 | 64.71 | 72.33 | 81.65 | 83.62 | 85.56 |
| Senegal | 0.83 | 0.84 | 0.89 | 0.96 | 1.01 | 1.16 | 1.19 | 1.19 | 1.23 |
| South Africa | 4.70 | 5.13 | 6.33 | 10.58 | 11.65 | 12.87 | 13.72 | 13.86 | 13.92 |
| Sudan | 5.65 | 5.87 | 7.04 | 8.69 | 10.32 | 11.04 | 11.32 | 11.46 | 10.69 |
| United Rep. of Tanzania | 6.85 | 6.88 | 7.24 | 8.93 | 9.90 | 12.46 | 15.20 | 15.69 | 16.19 |
| Togo | 0.61 | 0.64 | 0.75 | 1.05 | 1.34 | 1.76 | 1.99 | 2.03 | 2.09 |
| Tunisia | 0.42 | 0.43 | 0.50 | 0.64 | 0.75 | 0.93 | 1.12 | 1.16 | 1.20 |
| Zambia | 2.13 | 2.30 | 2.90 | 4.01 | 4.59 | 5.13 | 5.60 | 5.72 | 5.83 |
| Zimbabwe | 3.05 | 3.17 | 3.66 | 4.73 | 5.16 | 5.59 | 6.02 | 6.06 | 6.14 |
| Other Africa | 23.80 | 24.65 | 28.75 | 36.47 | 40.77 | 48.64 | 58.78 | 60.49 | 62.24 |
| Africa | 117.80 | 122.97 | 145.41 | 190.60 | 216.99 | 246.80 | 283.58 | 290.04 | 295.70 |
| Argentina | 2.26 | 2.10 | 2.15 | 1.72 | 2.64 | 2.96 | 2.25 | 2.77 | 2.54 |
| Bolivia | 0.19 | 0.23 | 0.74 | 0.75 | 0.81 | 0.72 | 0.79 | 0.81 | 0.79 |
| Brazil | 35.65 | 36.56 | 40.41 | 47.11 | 46.36 | 46.22 | 64.29 | 68.52 | 73.68 |
| Chile | 1.40 | 1.32 | 1.79 | 2.68 | 3.46 | 4.26 | 4.37 | 4.49 | 4.73 |
| Colombia | 4.42 | 3.40 | 4.73 | 5.52 | 6.48 | 4.39 | 4.12 | 4.50 | 4.51 |
| Costa Rica | 0.57 | 0.59 | 0.58 | 0.74 | 0.37 | 0.25 | 0.58 | 0.71 | 0.84 |
| Cuba | 3.66 | 3.46 | 3.97 | 5.87 | 3.00 | 3.10 | 1.59 | 1.39 | 1.30 |
| Dominican Republic | 1.17 | 1.16 | 1.28 | 1.00 | 1.39 | 1.36 | 1.44 | 1.41 | 1.42 |
| Ecuador | 1.10 | 1.05 | 0.98 | 0.83 | 0.78 | 0.70 | 0.57 | 0.58 | 0.73 |
| El Salvador | 1.21 | 1.29 | 1.41 | 1.19 | 1.28 | 1.34 | 1.44 | 1.48 | 1.49 |
| Guatemala | 1.91 | 2.02 | 2.35 | 3.04 | 3.21 | 3.90 | 4.12 | 4.22 | 4.17 |
| Haiti | 1.38 | 1.46 | 1.86 | 1.21 | 1.37 | 1.52 | 1.90 | 1.95 | 1.99 |
| Honduras | 0.99 | 1.03 | 1.25 | 1.50 | 1.52 | 1.33 | 1.63 | 1.80 | 1.93 |
| Jamaica | 0.27 | 0.24 | 0.21 | 0.48 | 0.48 | 0.48 | 0.47 | 0.48 | 0.48 |
| Nicaragua | 0.72 | 0.76 | 0.86 | 1.13 | 1.19 | 1.42 | 1.68 | 1.80 | 1.82 |
| Panama | 0.34 | 0.33 | 0.44 | 0.42 | 0.40 | 0.46 | 0.42 | 0.44 | 0.38 |
| Paraguay | 1.15 | 1.25 | 1.55 | 2.24 | 2.41 | 2.24 | 2.18 | 2.34 | 2.52 |
| Peru | 3.45 | 3.51 | 3.43 | 2.67 | 2.34 | 2.23 | 2.27 | 2.36 | 2.56 |
| Trinidad and Tobago | 0.02 | 0.02 | 0.01 | 0.05 | 0.03 | 0.03 | 0.02 | 0.03 | 0.01 |
| Uruguay | 0.39 | 0.40 | 0.47 | 0.55 | 0.51 | 0.42 | 0.45 | 0.47 | 0.52 |
| Venezuela | 0.41 | 0.40 | 0.35 | 0.53 | 0.54 | 0.54 | 0.54 | 0.54 | 0.54 |
| Other Latin America | 0.47 | 0.48 | 0.65 | 0.58 | 0.62 | 0.66 | 0.71 | 0.71 | 0.71 |
| Latin America | 63.13 | 63.06 | 71.48 | 81.81 | 81.19 | 80.52 | 97.82 | 103.82 | 109.69 |

Production of combustible renewables and waste (Mtoe)
Production d'énergies renouvelables combustibles et de déchets (Mtep)

Erzeugung von erneuerbaren Brennstoffen und Abfällen (Mtoe)

Produzione di energia da combustibili rinnovabili e da rifiuti (Mtep)

可燃性再生可能エネルギー及び廃棄物の生産量 (石油換算百万トン)

Producción de combustibles renovables y desechos (Mtep)

Производство возобновляемых видов топлива и отходов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bangladesh | 4.46 | 4.79 | 5.65 | 6.86 | 7.22 | 7.60 | 8.30 | 8.45 | 8.59 |
| Brunei Darussalam | 0.02 | 0.01 | 0.01 | 0.00 | - | - | - | - | - |
| Cambodia | .. | .. | .. | .. | 2.90 | 3.20 | 3.50 | 3.56 | 3.62 |
| Chinese Taipei | 0.08 | 0.10 | 0.02 | 0.01 | 0.01 | 0.60 | 1.14 | 1.16 | 1.28 |
| India | 95.78 | 100.22 | 116.46 | 133.46 | 140.00 | 148.88 | 158.12 | 159.92 | 161.73 |
| Indonesia | 27.34 | 27.76 | 31.21 | 45.05 | 48.85 | 50.03 | 51.24 | 52.45 | 52.49 |
| DPR of Korea | 0.68 | 0.72 | 0.86 | 0.95 | 1.01 | 1.00 | 1.03 | 1.04 | 1.04 |
| Malaysia | 1.27 | 1.35 | 1.60 | 2.10 | 2.37 | 2.55 | 2.81 | 2.86 | 2.91 |
| Mongolia | .. | .. | .. | 0.08 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 |
| Myanmar | 6.36 | 6.68 | 7.57 | 9.02 | 9.14 | 9.18 | 10.21 | 10.29 | 10.38 |
| Nepal | 3.59 | 3.75 | 4.39 | 5.43 | 6.04 | 6.99 | 7.93 | 8.11 | 8.28 |
| Pakistan | 10.63 | 11.33 | 14.03 | 18.77 | 21.52 | 24.03 | 27.11 | 27.68 | 28.27 |
| Philippines | 6.76 | 6.96 | 8.75 | 9.68 | 9.74 | 8.69 | 7.80 | 7.70 | 7.66 |
| Sri Lanka | 2.74 | 2.79 | 3.08 | 3.92 | 3.64 | 4.47 | 4.62 | 4.75 | 4.74 |
| Thailand | 7.60 | 7.91 | 10.65 | 14.69 | 14.23 | 14.52 | 16.84 | 17.25 | 18.55 |
| Vietnam | 12.48 | 13.08 | 15.32 | 18.90 | 20.97 | 22.37 | 23.95 | 24.24 | 24.54 |
| Other Asia | 1.89 | 1.99 | 2.39 | 2.49 | 3.07 | 3.22 | 3.41 | 3.51 | 3.60 |
| Asia | 181.66 | 189.43 | 221.98 | 271.42 | 290.78 | 307.44 | 328.10 | 333.07 | 337.76 |
| People's Rep. of China | 154.24 | 161.72 | 179.93 | 200.41 | 204.93 | 201.31 | 195.32 | 194.59 | 194.50 |
| Hong Kong, China | 0.03 | 0.03 | 0.04 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| China | 154.27 | 161.76 | 179.97 | 200.45 | 204.98 | 201.36 | 195.37 | 194.64 | 194.54 |
| Albania | 0.38 | 0.38 | 0.38 | 0.36 | 0.32 | 0.26 | 0.23 | 0.23 | 0.22 |
| Bosnia and Herzegovina | .. | .. | .. | 0.16 | 0.16 | 0.18 | 0.18 | 0.18 | 0.18 |
| Bulgaria | 0.27 | 0.24 | 0.20 | 0.17 | 0.22 | 0.56 | 0.78 | 0.84 | 0.78 |
| Croatia | .. | .. | .. | 0.31 | 0.27 | 0.37 | 0.36 | 0.41 | 0.37 |
| Cyprus | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 |
| FYR of Macedonia | .. | .. | .. | - | 0.19 | 0.21 | 0.15 | 0.17 | 0.15 |
| Romania | 1.39 | 1.37 | 0.96 | 0.60 | 1.73 | 2.85 | 3.31 | 3.31 | 3.43 |
| Serbia | .. | .. | .. | 1.17 | 0.74 | 0.87 | 0.90 | 0.91 | 0.91 |
| Slovenia | .. | .. | .. | 0.24 | 0.23 | 0.46 | 0.49 | 0.48 | 0.46 |
| Former Yugoslavia | 1.67 | 0.89 | 0.72 | x | x | x | x | x | x |
| Non-OECD Europe | 3.71 | 2.88 | 2.25 | 3.03 | 3.85 | 5.77 | 6.41 | 6.54 | 6.52 |
| Armenia | .. | .. | .. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | - |
| Azerbaijan | .. | .. | .. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Belarus | .. | .. | .. | 0.20 | 0.39 | 0.96 | 1.27 | 1.43 | 1.46 |
| Estonia | .. | .. | .. | 0.19 | 0.35 | 0.51 | 0.69 | 0.64 | 0.73 |
| Georgia | .. | .. | .. | 0.47 | 0.67 | 0.65 | 0.65 | 0.37 | 0.39 |
| Kazakhstan | .. | .. | .. | 0.11 | 0.08 | 0.07 | 0.07 | 0.07 | 0.07 |
| Kyrgyzstan | .. | .. | .. | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Latvia | .. | .. | .. | 0.68 | 1.10 | 1.15 | 1.57 | 1.61 | 1.56 |
| Lithuania | .. | .. | .. | 0.28 | 0.47 | 0.63 | 0.73 | 0.78 | 0.77 |
| Republic of Moldova | .. | .. | .. | 0.04 | 0.03 | 0.06 | 0.08 | 0.08 | 0.08 |
| Russian Federation | .. | .. | .. | 12.18 | 8.50 | 7.01 | 6.95 | 7.38 | 6.58 |
| Ukraine | .. | .. | .. | 0.36 | 0.26 | 0.26 | 0.26 | 0.82 | 0.79 |
| Uzbekistan | .. | .. | .. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Former Soviet Union | 20.15 | 19.48 | 18.40 | 14.52 | 11.87 | 11.30 | 12.27 | 13.18 | 12.44 |

Production of combustible renewables and waste (Mtoe)
Production d'énergies renouvelables combustibles et de déchets (Mtep)

Erzeugung von erneuerbaren Brennstoffen und Abfällen (Mtoe)

Produzione di energia da combustibili rinnovabili e da rifiuti (Mtep)

可燃性再生可能エネルギー及び廃棄物の生産量（石油換算百万トン）

Producción de combustibles renovables y desechos (Mtep)

Производство возобновляемых видов топлива и отходов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|
| Islamic Republic of Iran | 0.33 | 0.35 | 0.57 | 0.68 | 0.72 | 0.84 | 0.91 | 0.92 | 0.93 |
| Iraq | 0.02 | 0.02 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| Israel | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Jordan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| Kuwait | 0.00 | 0.00 | 0.00 | 0.00 | - | - | - | - | - |
| Lebanon | 0.10 | 0.10 | 0.10 | 0.10 | 0.12 | 0.13 | 0.14 | 0.14 | 0.14 |
| Syrian Arab Republic | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 |
| Yemen | 0.05 | 0.05 | 0.06 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| Middle East | 0.51 | 0.53 | 0.77 | 0.89 | 0.95 | 1.08 | 1.16 | 1.18 | 1.19 |
| Non-OECD Total | 541.22 | 560.12 | 640.27 | 762.71 | 810.61 | 854.27 | 924.71 | 942.45 | 957.84 |
| <i>European Union - 27</i> | .. | .. | .. | 45.79 | 56.01 | 66.33 | 83.73 | 89.99 | 98.88 |
| OECD North America | 48.71 | 51.52 | 69.01 | 77.87 | 88.27 | 92.76 | 96.03 | 97.09 | 101.24 |
| OECD Pacific | 3.56 | 3.53 | 4.13 | 10.20 | 11.00 | 13.10 | 15.37 | 15.63 | 16.45 |
| OECD Europe | 29.34 | 30.91 | 35.66 | 52.76 | 61.24 | 69.31 | 84.72 | 90.85 | 99.58 |
| OECD Total | 81.61 | 85.96 | 108.80 | 140.83 | 160.51 | 175.16 | 196.13 | 203.57 | 217.27 |
| World | 622.83 | 646.08 | 749.07 | 903.54 | 971.12 | 1 029.43 | 1 120.84 | 1 146.03 | 1 175.12 |

Total production of energy (Mtoe)**Production totale d'énergie (Mtep)***Gesamte Energieerzeugung (Mtoe)**Produzione totale di energia (Mtep)**エネルギー総生産量 (石油換算百万トン)**Producción total de energía (Mtep)**Общее производство топлива и энергии (Мтнэ)*

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|
| Algeria | 41.51 | 56.49 | 65.74 | 100.12 | 106.74 | 142.25 | 166.67 | 164.94 | 164.30 |
| Angola | 9.12 | 11.68 | 11.30 | 28.65 | 36.41 | 43.67 | 70.93 | 80.04 | 94.96 |
| Benin | 1.00 | 1.04 | 1.21 | 1.77 | 1.85 | 1.45 | 1.67 | 1.72 | 1.77 |
| Botswana | .. | .. | .. | 0.91 | 1.06 | 1.13 | 1.05 | 1.08 | 1.11 |
| Cameroon | 2.45 | 2.55 | 6.71 | 10.98 | 10.77 | 9.66 | 10.12 | 10.27 | 10.17 |
| Congo | 0.33 | 2.44 | 3.82 | 8.75 | 10.05 | 14.64 | 13.70 | 15.42 | 12.54 |
| DR of Congo | 5.93 | 6.28 | 8.58 | 12.02 | 13.70 | 15.35 | 17.49 | 17.94 | 18.41 |
| Côte d'Ivoire | 1.64 | 1.76 | 2.42 | 3.38 | 4.25 | 6.01 | 10.63 | 11.94 | 11.25 |
| Egypt | 16.36 | 9.84 | 33.48 | 54.87 | 59.81 | 56.45 | 76.90 | 79.73 | 82.27 |
| Eritrea | .. | .. | .. | .. | 0.73 | 0.51 | 0.50 | 0.51 | 0.53 |
| Ethiopia | 8.13 | 8.56 | 10.33 | 14.05 | 15.50 | 17.57 | 19.85 | 20.36 | 20.86 |
| Gabon | 6.45 | 8.64 | 9.44 | 14.63 | 19.77 | 15.14 | 12.07 | 12.16 | 11.99 |
| Ghana | 2.34 | 2.63 | 3.31 | 4.39 | 5.25 | 5.88 | 6.38 | 6.50 | 6.47 |
| Kenya | 4.28 | 4.60 | 6.01 | 9.01 | 10.49 | 11.73 | 13.99 | 14.35 | 14.72 |
| Libyan Arab Jamahiriya | 137.51 | 112.56 | 96.55 | 73.17 | 77.82 | 75.08 | 94.64 | 102.21 | 101.59 |
| Morocco | 0.62 | 0.69 | 0.88 | 0.77 | 0.83 | 0.57 | 0.64 | 0.77 | 0.65 |
| Mozambique | 6.17 | 6.13 | 6.09 | 5.61 | 5.91 | 7.26 | 10.06 | 10.70 | 10.99 |
| Namibia | .. | .. | .. | .. | 0.25 | 0.29 | 0.32 | 0.31 | 0.33 |
| Nigeria | 111.49 | 139.93 | 148.48 | 150.45 | 169.19 | 201.13 | 233.53 | 235.36 | 231.71 |
| Senegal | 0.83 | 0.84 | 0.89 | 0.96 | 1.06 | 1.19 | 1.27 | 1.23 | 1.26 |
| South Africa | 37.77 | 40.36 | 73.17 | 114.53 | 134.78 | 145.62 | 158.64 | 157.97 | 159.59 |
| Sudan | 5.67 | 5.91 | 7.09 | 8.77 | 10.40 | 20.16 | 26.96 | 28.42 | 34.63 |
| United Rep. of Tanzania | 6.87 | 6.91 | 7.30 | 9.06 | 10.06 | 12.69 | 15.73 | 16.27 | 16.90 |
| Togo | 0.61 | 0.64 | 0.75 | 1.05 | 1.36 | 1.76 | 2.00 | 2.04 | 2.10 |
| Tunisia | 4.65 | 4.54 | 6.67 | 5.73 | 5.33 | 6.63 | 6.68 | 6.63 | 7.90 |
| Zambia | 2.69 | 3.12 | 4.03 | 4.92 | 5.35 | 5.91 | 6.51 | 6.67 | 6.83 |
| Zimbabwe | 5.10 | 5.28 | 5.79 | 8.55 | 8.38 | 8.62 | 8.86 | 8.76 | 8.67 |
| Other Africa | 23.97 | 24.84 | 29.09 | 36.99 | 41.69 | 55.38 | 87.37 | 89.79 | 94.21 |
| Africa | 443.50 | 468.27 | 549.11 | 684.12 | 768.78 | 883.73 | 1 075.15 | 1 104.00 | 1 128.73 |
| Argentina | 30.56 | 30.53 | 38.81 | 48.42 | 66.88 | 82.26 | 80.97 | 82.94 | 81.91 |
| Bolivia | 2.30 | 4.57 | 4.37 | 4.92 | 5.77 | 5.90 | 13.74 | 14.29 | 15.06 |
| Brazil | 49.04 | 51.19 | 64.29 | 103.73 | 111.53 | 148.36 | 195.34 | 206.83 | 215.58 |
| Chile | 5.34 | 5.08 | 5.80 | 7.43 | 7.85 | 8.19 | 8.86 | 9.14 | 8.45 |
| Colombia | 19.37 | 17.19 | 17.71 | 48.18 | 60.10 | 73.29 | 79.48 | 84.59 | 87.60 |
| Costa Rica | 0.66 | 0.69 | 0.77 | 1.03 | 1.08 | 1.59 | 2.15 | 2.35 | 2.51 |
| Cuba | 3.80 | 3.63 | 4.30 | 6.57 | 4.47 | 6.23 | 5.09 | 5.14 | 5.16 |
| Dominican Republic | 1.21 | 1.21 | 1.33 | 1.03 | 1.44 | 1.42 | 1.60 | 1.54 | 1.54 |
| Ecuador | 1.38 | 11.90 | 11.75 | 16.47 | 21.84 | 22.68 | 28.58 | 29.89 | 28.91 |
| El Salvador | 1.25 | 1.33 | 1.91 | 1.69 | 1.79 | 2.12 | 2.49 | 2.63 | 2.83 |
| Guatemala | 1.93 | 2.04 | 2.58 | 3.39 | 3.83 | 5.24 | 5.41 | 5.44 | 5.33 |
| Haiti | 1.38 | 1.47 | 1.88 | 1.25 | 1.39 | 1.54 | 1.92 | 1.97 | 2.01 |
| Honduras | 1.01 | 1.06 | 1.31 | 1.69 | 1.66 | 1.52 | 1.77 | 1.98 | 2.12 |
| Jamaica | 0.28 | 0.25 | 0.22 | 0.48 | 0.48 | 0.49 | 0.49 | 0.50 | 0.50 |
| Nicaragua | 0.74 | 0.80 | 0.91 | 1.49 | 1.49 | 1.55 | 1.95 | 2.10 | 2.06 |
| Panama | 0.34 | 0.34 | 0.53 | 0.61 | 0.60 | 0.76 | 0.74 | 0.75 | 0.70 |
| Paraguay | 1.17 | 1.27 | 1.61 | 4.58 | 6.03 | 6.84 | 6.58 | 6.97 | 7.14 |
| Peru | 7.35 | 7.87 | 14.47 | 10.60 | 10.02 | 9.31 | 10.91 | 11.62 | 12.21 |
| Trinidad and Tobago | 8.15 | 9.97 | 13.14 | 12.61 | 12.25 | 17.92 | 31.40 | 34.62 | 36.98 |
| Uruguay | 0.52 | 0.54 | 0.77 | 1.15 | 1.01 | 1.03 | 1.02 | 0.78 | 1.21 |
| Venezuela | 209.92 | 203.24 | 140.07 | 148.85 | 197.24 | 221.01 | 204.53 | 195.73 | 183.83 |
| Other Latin America | 0.57 | 0.57 | 0.81 | 1.09 | 1.20 | 1.45 | 1.52 | 1.54 | 1.56 |
| Latin America | 348.29 | 356.75 | 329.33 | 427.28 | 519.96 | 620.71 | 686.55 | 703.33 | 705.22 |

Total production of energy (Mtoe)**Production totale d'énergie (Mtep)***Gesamte Energieerzeugung (Mtoe)**Produzione totale di energia (Mtep)**エネルギー総生産量 (石油換算百万トン)**Producción total de energía (Mtep)**Общее производство топлива и энергии (Мтнэ)*

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bangladesh | 4.85 | 5.34 | 6.75 | 10.76 | 12.78 | 15.16 | 19.31 | 20.33 | 21.26 |
| Brunei Darussalam | 6.65 | 13.16 | 21.14 | 15.64 | 18.24 | 19.68 | 21.06 | 21.79 | 20.19 |
| Cambodia | .. | .. | .. | .. | 2.90 | 3.20 | 3.50 | 3.56 | 3.62 |
| Chinese Taipei | 3.95 | 3.86 | 5.84 | 10.65 | 10.64 | 11.77 | 12.46 | 12.41 | 12.71 |
| India | 141.54 | 148.95 | 186.80 | 291.08 | 334.70 | 364.33 | 420.29 | 435.77 | 450.92 |
| Indonesia | 72.78 | 95.76 | 126.60 | 169.96 | 213.97 | 235.53 | 275.98 | 309.68 | 331.10 |
| DPR of Korea | 18.17 | 19.05 | 27.21 | 28.91 | 20.03 | 18.79 | 22.03 | 22.25 | 19.69 |
| Malaysia | 4.77 | 5.97 | 18.43 | 50.31 | 67.01 | 80.39 | 97.03 | 94.56 | 94.35 |
| Mongolia | .. | .. | .. | 2.75 | 2.26 | 1.92 | 2.75 | 3.13 | 3.55 |
| Myanmar | 7.34 | 7.81 | 9.51 | 10.65 | 11.00 | 15.41 | 23.28 | 23.02 | 23.94 |
| Nepal | 3.60 | 3.76 | 4.40 | 5.50 | 6.14 | 7.14 | 8.16 | 8.35 | 8.53 |
| Pakistan | 14.36 | 15.59 | 21.00 | 34.25 | 41.14 | 47.01 | 61.26 | 61.35 | 63.64 |
| Philippines | 6.94 | 7.14 | 11.50 | 15.73 | 16.30 | 20.07 | 21.65 | 21.71 | 22.40 |
| Sri Lanka | 2.81 | 2.85 | 3.21 | 4.19 | 4.02 | 4.75 | 4.92 | 5.15 | 5.08 |
| Thailand | 7.89 | 8.16 | 11.18 | 26.55 | 33.21 | 43.85 | 54.36 | 56.31 | 59.37 |
| Vietnam | 14.20 | 14.79 | 18.36 | 24.71 | 34.53 | 48.11 | 69.50 | 72.63 | 73.93 |
| Other Asia | 4.82 | 5.09 | 6.49 | 7.73 | 8.96 | 7.45 | 9.80 | 10.31 | 10.17 |
| Asia | 314.66 | 357.26 | 478.41 | 709.37 | 837.82 | 944.56 | 1 127.34 | 1 182.32 | 1 224.45 |
| People's Rep. of China | 394.15 | 431.36 | 615.47 | 886.29 | 1 065.86 | 1 060.99 | 1 615.64 | 1 718.43 | 1 813.98 |
| Hong Kong, China | 0.03 | 0.03 | 0.04 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| China | 394.18 | 431.40 | 615.51 | 886.34 | 1 065.90 | 1 061.04 | 1 615.68 | 1 718.48 | 1 814.03 |
| Albania | 2.42 | 3.00 | 3.43 | 2.45 | 1.24 | 0.99 | 1.17 | 1.20 | 1.06 |
| Bosnia and Herzegovina | .. | .. | .. | 4.60 | 0.82 | 3.08 | 3.65 | 3.96 | 3.94 |
| Bulgaria | 5.71 | 5.47 | 7.74 | 9.61 | 10.30 | 9.92 | 10.65 | 11.04 | 9.97 |
| Croatia | .. | .. | .. | 5.13 | 4.18 | 3.58 | 3.80 | 4.15 | 4.05 |
| Cyprus | 0.01 | 0.01 | 0.01 | 0.01 | 0.04 | 0.04 | 0.05 | 0.05 | 0.07 |
| FYR of Macedonia | .. | .. | .. | 1.26 | 1.60 | 1.53 | 1.58 | 1.62 | 1.50 |
| Malta | - | - | - | - | - | - | 0.00 | 0.00 | 0.00 |
| Romania | 42.81 | 46.24 | 52.59 | 40.83 | 32.32 | 28.28 | 27.84 | 27.99 | 27.55 |
| Serbia | .. | .. | .. | 13.40 | 12.19 | 11.43 | 9.52 | 9.71 | 9.75 |
| Slovenia | .. | .. | .. | 3.07 | 2.97 | 3.10 | 3.51 | 3.45 | 3.46 |
| Former Yugoslavia | 14.37 | 14.68 | 18.82 | x | x | x | x | x | x |
| Non-OECD Europe | 65.32 | 69.41 | 82.58 | 80.37 | 65.65 | 61.95 | 61.77 | 63.17 | 61.36 |
| Armenia | .. | .. | .. | 0.14 | 0.25 | 0.63 | 0.86 | 0.85 | 0.82 |
| Azerbaijan | .. | .. | .. | 21.34 | 14.73 | 18.96 | 27.39 | 38.13 | 52.09 |
| Belarus | .. | .. | .. | 3.34 | 3.32 | 3.52 | 3.81 | 3.92 | 4.01 |
| Estonia | .. | .. | .. | 5.09 | 2.98 | 2.94 | 3.87 | 3.74 | 4.40 |
| Georgia | .. | .. | .. | 1.84 | 1.20 | 1.32 | 1.27 | 0.93 | 1.07 |
| Kazakhstan | .. | .. | .. | 90.46 | 63.47 | 79.97 | 121.69 | 131.01 | 135.99 |
| Kyrgyzstan | .. | .. | .. | 2.50 | 1.26 | 1.44 | 1.45 | 1.49 | 1.43 |
| Latvia | .. | .. | .. | 1.12 | 1.43 | 1.41 | 1.86 | 1.85 | 1.80 |
| Lithuania | .. | .. | .. | 4.94 | 3.85 | 3.36 | 3.92 | 3.48 | 3.80 |
| Republic of Moldova | .. | .. | .. | 0.06 | 0.05 | 0.06 | 0.09 | 0.09 | 0.09 |
| Russian Federation | .. | .. | .. | 1 280.26 | 953.92 | 966.47 | 1 197.10 | 1 219.98 | 1 230.63 |
| Tajikistan | .. | .. | .. | 2.03 | 1.33 | 1.26 | 1.55 | 1.52 | 1.58 |
| Turkmenistan | .. | .. | .. | 74.86 | 32.84 | 45.97 | 61.14 | 60.26 | 66.09 |
| Ukraine | .. | .. | .. | 135.79 | 81.61 | 76.43 | 80.97 | 83.01 | 81.60 |
| Uzbekistan | .. | .. | .. | 38.64 | 48.65 | 54.94 | 56.53 | 58.17 | 60.05 |
| Former Soviet Union | 904.56 | 991.26 | 1 358.63 | 1 662.40 | 1 210.87 | 1 258.69 | 1 563.48 | 1 608.41 | 1 645.46 |

Total production of energy (Mtoe)**Production totale d'énergie (Mtep)***Gesamte Energieerzeugung (Mtoe)**Produzione totale di energia (Mtep)**エネルギー総生産量 (石油換算百万トン)**Producción total de energía (Mtep)**Общее производство топлива и энергии (Мтнэ)*

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| Bahrain | 10.67 | 10.83 | 11.99 | 13.44 | 13.65 | 14.86 | 16.13 | 16.50 | 17.02 |
| Islamic Republic of Iran | 238.83 | 309.93 | 81.19 | 179.78 | 224.25 | 240.92 | 301.86 | 308.00 | 323.07 |
| Iraq | 85.98 | 102.87 | 135.50 | 104.93 | 31.33 | 135.30 | 96.97 | 100.80 | 104.83 |
| Israel | 5.94 | 6.15 | 0.15 | 0.43 | 0.56 | 0.65 | 2.12 | 2.67 | 2.66 |
| Jordan | 0.00 | 0.00 | 0.00 | 0.16 | 0.28 | 0.29 | 0.26 | 0.29 | 0.28 |
| Kuwait | 159.69 | 158.67 | 93.81 | 50.40 | 115.04 | 114.05 | 146.31 | 150.60 | 146.57 |
| Lebanon | 0.17 | 0.14 | 0.18 | 0.14 | 0.18 | 0.17 | 0.24 | 0.21 | 0.21 |
| Oman | 15.20 | 15.20 | 15.09 | 38.31 | 48.66 | 60.27 | 59.52 | 60.48 | 59.27 |
| Qatar | 22.03 | 29.53 | 26.47 | 26.57 | 28.71 | 56.16 | 83.22 | 92.38 | 102.99 |
| Saudi Arabia | 244.14 | 388.54 | 533.64 | 370.82 | 467.26 | 483.38 | 576.70 | 570.71 | 551.30 |
| Syrian Arab Republic | 5.32 | 5.57 | 9.50 | 22.32 | 33.08 | 33.59 | 27.76 | 26.52 | 24.36 |
| United Arab Emirates | 52.79 | 76.14 | 90.21 | 110.20 | 136.97 | 152.30 | 167.03 | 178.45 | 178.35 |
| Yemen | 0.05 | 0.05 | 0.06 | 9.38 | 17.29 | 22.03 | 20.44 | 18.72 | 16.50 |
| Middle East | 840.80 | 1 103.63 | 997.80 | 926.89 | 1 117.24 | 1 313.97 | 1 498.55 | 1 526.33 | 1 527.40 |
| Non-OECD Total | 3 311.31 | 3 777.97 | 4 411.38 | 5 376.75 | 5 586.23 | 6 144.64 | 7 628.52 | 7 906.03 | 8 106.66 |
| <i>European Union - 27</i> | .. | .. | .. | 944.71 | 960.30 | 946.32 | 900.20 | 880.96 | 860.59 |
| OECD North America | 1 635.62 | 1 701.74 | 1 907.71 | 2 116.65 | 2 210.91 | 2 273.82 | 2 290.61 | 2 320.12 | 2 329.43 |
| OECD Pacific | 99.43 | 108.30 | 143.45 | 267.29 | 319.54 | 387.07 | 426.37 | 428.10 | 436.16 |
| OECD Europe | 608.65 | 636.28 | 856.21 | 1 036.03 | 1 129.51 | 1 163.35 | 1 110.52 | 1 087.76 | 1 067.29 |
| OECD Total | 2 343.70 | 2 446.32 | 2 907.37 | 3 419.97 | 3 659.96 | 3 824.23 | 3 827.50 | 3 835.98 | 3 832.87 |
| World | 5 655.02 | 6 224.29 | 7 318.76 | 8 796.72 | 9 246.19 | 9 968.88 | 11 456.03 | 11 742.01 | 11 939.53 |

Net imports of coal and peat (Mtoe)
Importations nettes de charbon et de tourbe (Mtep)
Nettoimport von Kohle und Torf (Mtoe)
Importazioni nette di carbone e torba (Mtep)
 石炭及び泥炭の純輸入量 (石油換算百万トン)
Importaciones netas de carbón y turba (Mtep)
 Чистый импорт угля и торфа (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 0.23 | 0.28 | 0.12 | 0.70 | 0.42 | 0.44 | 0.63 | 0.72 | 0.75 |
| Botswana | .. | .. | .. | 0.01 | 0.01 | 0.06 | 0.00 | 0.02 | 0.04 |
| DR of Congo | 0.14 | 0.13 | 0.13 | 0.15 | 0.19 | 0.15 | 0.18 | 0.19 | 0.20 |
| Egypt | 0.25 | 0.24 | 0.53 | 0.84 | 0.72 | 0.89 | 0.89 | 0.86 | 0.85 |
| Kenya | 0.05 | 0.04 | 0.01 | 0.09 | 0.06 | 0.04 | 0.05 | 0.07 | 0.07 |
| Morocco | 0.01 | 0.00 | -0.04 | 0.81 | 1.27 | 2.61 | 3.25 | 3.23 | 3.31 |
| Mozambique | 0.18 | 0.12 | 0.05 | 0.01 | 0.01 | -0.02 | -0.01 | -0.01 | -0.01 |
| Namibia | .. | .. | .. | .. | 0.01 | 0.00 | 0.01 | 0.03 | 0.04 |
| Nigeria | 0.01 | -0.02 | 0.00 | -0.02 | - | - | - | - | - |
| Senegal | - | - | - | - | - | - | 0.09 | 0.10 | 0.11 |
| South Africa | -0.97 | -1.30 | -19.07 | -33.62 | -40.09 | -46.05 | -46.43 | -44.64 | -42.77 |
| Sudan | - | - | 0.00 | - | - | - | - | - | - |
| United Rep. of Tanzania | - | - | 0.00 | 0.00 | 0.00 | - | - | - | - |
| Tunisia | 0.07 | 0.07 | 0.06 | 0.08 | 0.07 | 0.08 | - | - | - |
| Zambia | 0.03 | 0.00 | - | -0.04 | -0.01 | -0.00 | -0.01 | -0.01 | -0.01 |
| Zimbabwe | -0.21 | -0.09 | -0.16 | -0.01 | -0.14 | -0.13 | -0.10 | -0.10 | -0.11 |
| Other Africa | 0.03 | 0.04 | 0.06 | 0.07 | 0.06 | 0.07 | 0.05 | 0.12 | 0.13 |
| Africa | -0.17 | -0.48 | -18.30 | -30.93 | -37.40 | -41.84 | -41.38 | -39.41 | -37.39 |
| Argentina | 0.50 | 0.56 | 0.67 | 0.83 | 0.71 | 0.36 | 0.89 | 0.94 | 0.94 |
| Brazil | 1.32 | 1.41 | 3.69 | 7.89 | 9.76 | 10.29 | 10.56 | 10.18 | 11.26 |
| Chile | 0.18 | 0.20 | 0.63 | 1.13 | 1.49 | 2.92 | 2.42 | 3.00 | 4.01 |
| Colombia | -0.02 | -0.05 | -0.09 | -8.84 | -11.94 | -23.12 | -34.85 | -40.29 | -41.99 |
| Costa Rica | 0.00 | 0.00 | 0.00 | 0.00 | - | - | 0.02 | 0.04 | 0.08 |
| Cuba | 0.08 | 0.07 | 0.09 | 0.14 | 0.06 | 0.03 | 0.03 | 0.02 | 0.01 |
| Dominican Republic | - | - | - | 0.01 | 0.05 | 0.06 | 0.29 | 0.51 | 0.52 |
| El Salvador | - | - | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Guatemala | - | - | 0.01 | - | - | 0.13 | 0.38 | 0.30 | 0.44 |
| Haiti | - | - | - | 0.01 | - | - | - | - | - |
| Honduras | - | - | - | 0.00 | 0.00 | 0.08 | 0.11 | 0.12 | 0.12 |
| Jamaica | - | - | - | 0.03 | 0.04 | 0.05 | 0.04 | 0.02 | 0.02 |
| Panama | 0.00 | 0.01 | - | 0.02 | 0.04 | 0.04 | - | - | - |
| Peru | 0.08 | 0.14 | 0.13 | 0.07 | 0.34 | 0.59 | 0.81 | 0.72 | 0.88 |
| Uruguay | 0.02 | 0.02 | 0.00 | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 |
| Venezuela | 0.11 | 0.24 | 0.13 | -1.14 | -3.10 | -5.79 | -5.21 | -5.32 | -5.38 |
| Other Latin America | 0.02 | 0.03 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Latin America | 2.30 | 2.62 | 5.27 | 0.17 | -2.54 | -14.37 | -24.51 | -29.75 | -29.07 |
| Bangladesh | 0.09 | 0.12 | 0.12 | 0.28 | 0.32 | 0.33 | 0.35 | 0.35 | 0.35 |
| Chinese Taipei | -0.00 | 0.10 | 3.12 | 12.23 | 19.01 | 28.99 | 38.60 | 39.96 | 41.90 |
| India | -0.12 | -0.31 | 0.32 | 4.12 | 8.37 | 14.13 | 25.07 | 29.49 | 33.43 |
| Indonesia | 0.02 | 0.00 | -0.04 | -2.59 | -19.01 | -35.49 | -79.49 | -107.81 | -124.24 |
| DPR of Korea | 0.38 | 0.33 | 0.44 | 1.65 | 0.64 | -0.03 | -1.52 | -1.30 | -2.16 |
| Malaysia | 0.01 | 0.01 | 0.04 | 1.07 | 1.18 | 1.47 | 6.57 | 6.75 | 8.15 |
| Mongolia | .. | .. | .. | -0.14 | 0.07 | 0.01 | -0.73 | -0.85 | -1.12 |
| Myanmar | 0.13 | 0.04 | 0.14 | 0.03 | 0.00 | -0.28 | -0.60 | -0.61 | -0.65 |
| Nepal | 0.01 | 0.05 | 0.05 | 0.05 | 0.07 | 0.25 | 0.24 | 0.25 | 0.26 |
| Pakistan | 0.02 | 0.02 | 0.06 | 0.59 | 0.71 | 0.63 | 1.80 | 2.67 | 3.76 |
| Philippines | 0.01 | 0.01 | 0.23 | 0.78 | 1.15 | 4.40 | 4.27 | 4.69 | 4.70 |
| Singapore | 0.00 | 0.00 | 0.00 | 0.02 | 0.01 | - | 0.00 | 0.00 | 0.01 |
| Sri Lanka | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.05 | 0.05 |
| Thailand | 0.01 | 0.01 | 0.06 | 0.21 | 1.52 | 2.57 | 5.40 | 7.03 | 8.97 |
| Vietnam | -0.25 | -0.12 | -0.35 | -0.43 | -1.57 | -1.82 | -10.02 | -11.87 | -17.41 |
| Other Asia | 0.23 | 0.06 | 0.17 | 0.12 | 0.09 | 0.18 | 0.15 | 0.15 | 0.17 |
| Asia | 0.56 | 0.32 | 4.36 | 17.99 | 12.58 | 15.34 | -9.84 | -31.05 | -43.83 |

A negative number shows net exports.

Net imports of coal and peat (Mtoe)
Importations nettes de charbon et de tourbe (Mtep)
Nettoimport von Kohle und Torf (Mtoe)
Importazioni nette di carbone e torba (Mtep)
 石炭及び泥炭の純輸入量 (石油換算百万トン)
Importaciones netas de carbón y turba (Mtep)
 Чистый импорт угля и торфа (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|----------------|---------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|
| People's Rep. of China | - 2.10 | - 2.11 | - 3.17 | - 11.04 | - 23.67 | - 44.09 | - 40.39 | - 30.46 | - 17.39 |
| Hong Kong, China | 0.02 | 0.01 | 0.01 | 5.50 | 5.61 | 3.73 | 6.67 | 7.03 | 7.56 |
| China | - 2.08 | - 2.10 | - 3.16 | - 5.54 | - 18.06 | - 40.36 | - 33.72 | - 23.43 | - 9.83 |
| Albania | 0.06 | 0.07 | 0.11 | 0.14 | - | 0.01 | 0.00 | 0.00 | 0.00 |
| Bosnia and Herzegovina | .. | .. | .. | - | - | - 0.02 | 0.07 | 0.07 | 0.08 |
| Bulgaria | 3.79 | 3.71 | 4.27 | 3.81 | 2.45 | 2.31 | 2.55 | 2.46 | 3.06 |
| Croatia | .. | .. | .. | 0.61 | 0.15 | 0.48 | 0.62 | 0.69 | 0.70 |
| Cyprus | - | - | - | 0.06 | 0.06 | 0.03 | 0.04 | 0.05 | 0.02 |
| FYR of Macedonia | .. | .. | .. | 0.10 | 0.07 | 0.09 | 0.11 | 0.13 | 0.16 |
| Malta | - | - | - | 0.18 | 0.02 | - | - | - | - |
| Romania | 1.94 | 2.64 | 4.45 | 4.51 | 2.86 | 1.88 | 2.80 | 2.57 | 3.21 |
| Serbia | .. | .. | .. | - | - 0.01 | 0.32 | 0.62 | 0.91 | 0.78 |
| Slovenia | .. | .. | .. | 0.10 | 0.13 | 0.25 | 0.32 | 0.31 | 0.33 |
| Former Yugoslavia | 1.66 | 1.66 | 2.33 | x | x | x | x | x | x |
| Non-OECD Europe | 7.46 | 8.08 | 11.17 | 9.52 | 5.73 | 5.35 | 7.15 | 7.20 | 8.35 |
| Former Soviet Union | - 10.25 | - 9.46 | - 11.05 | - 15.54 | - 1.10 | - 16.53 | - 43.62 | - 43.07 | - 47.52 |
| Islamic Republic of Iran | - | 0.03 | 0.58 | 0.15 | 0.31 | 0.43 | 0.33 | 0.28 | 0.23 |
| Israel | 0.01 | 0.00 | 0.00 | 2.54 | 4.44 | 6.21 | 7.94 | 7.99 | 8.45 |
| Lebanon | 0.00 | 0.01 | 0.00 | - | 0.12 | 0.13 | 0.13 | 0.13 | 0.13 |
| Syrian Arab Republic | 0.00 | 0.00 | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Middle East | 0.01 | 0.04 | 0.59 | 2.69 | 4.87 | 6.77 | 8.40 | 8.40 | 8.81 |
| Non-OECD Total | - 2.17 | - 0.98 | - 11.13 | - 21.63 | - 35.92 | - 85.64 | - 137.52 | - 151.11 | - 150.48 |
| <i>European Union - 27</i> | .. | .. | .. | 80.83 | 78.64 | 98.35 | 124.45 | 133.13 | 135.29 |
| OECD North America | - 26.78 | - 27.21 | - 56.08 | - 76.50 | - 65.44 | - 29.51 | - 10.71 | - 6.42 | - 13.89 |
| OECD Pacific | 18.98 | 23.55 | 23.16 | 19.16 | 18.15 | 10.12 | 4.20 | 8.44 | 9.62 |
| OECD Europe | 20.97 | 14.31 | 47.65 | 75.45 | 78.06 | 103.65 | 129.95 | 140.31 | 141.71 |
| OECD Total | 13.18 | 10.65 | 14.74 | 18.11 | 30.77 | 84.27 | 123.44 | 142.33 | 137.45 |
| World | 11.01 | 9.67 | 3.61 | - 3.52 | - 5.15 | - 1.37 | - 14.08 | - 8.77 | - 13.04 |

A negative number shows net exports.

The row World shows the discrepancy between total exports and total imports.

Net imports of oil (Mtoe)
Importations nettes de pétrole (Mtep)

Netto-Ölimport (Mtoe)

Importazioni nette di petrolio (Mtep)

石油の純輸入量 (石油換算百万トン)

Importaciones netas de petróleo (Mtep)

Чистый импорт нефти и нефтепродуктов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Algeria | - 35.37 | - 49.08 | - 45.75 | - 51.35 | - 50.17 | - 62.39 | - 79.36 | - 77.51 | - 76.94 |
| Angola | - 4.66 | - 7.27 | - 6.40 | - 22.46 | - 29.14 | - 37.91 | - 61.17 | - 69.36 | - 84.15 |
| Benin | 0.11 | 0.14 | 0.14 | - 0.11 | - 0.00 | 0.53 | 0.85 | 1.03 | 1.09 |
| Botswana | .. | .. | .. | 0.34 | 0.41 | 0.59 | 0.69 | 0.71 | 0.74 |
| Cameroon | 0.30 | 0.33 | - 2.96 | - 6.08 | - 5.21 | - 3.31 | - 3.16 | - 3.46 | - 2.73 |
| Congo | 0.17 | - 1.28 | - 3.16 | - 7.91 | - 9.29 | - 13.81 | - 12.51 | - 14.25 | - 11.29 |
| DR of Congo | 0.83 | 0.90 | - 0.08 | - 0.24 | - 0.56 | - 0.71 | - 0.39 | - 0.28 | - 0.21 |
| Côte d'Ivoire | 0.82 | 1.08 | 1.51 | 1.04 | 1.01 | 1.04 | - 0.56 | - 2.10 | - 1.19 |
| Egypt | - 8.86 | - 1.87 | - 17.65 | - 21.54 | - 22.62 | - 9.32 | - 2.16 | - 1.34 | - 0.42 |
| Eritrea | .. | .. | .. | .. | 0.41 | 0.21 | 0.23 | 0.16 | 0.16 |
| Ethiopia | 0.59 | 0.57 | 0.61 | 1.00 | 1.13 | 1.10 | 1.56 | 1.74 | 1.98 |
| Gabon | - 5.47 | - 7.13 | - 8.20 | - 12.16 | - 18.17 | - 13.60 | - 10.28 | - 10.33 | - 10.03 |
| Ghana | 0.77 | 0.92 | 0.85 | 1.03 | 1.15 | 1.96 | 2.50 | 3.01 | 3.14 |
| Kenya | 1.67 | 1.75 | 2.19 | 2.14 | 2.28 | 3.34 | 3.38 | 3.59 | 3.56 |
| Libyan Arab Jamahiriya | - 135.74 | - 109.39 | - 87.36 | - 63.56 | - 61.17 | - 57.32 | - 72.40 | - 77.49 | - 75.33 |
| Morocco | 2.16 | 2.40 | 4.00 | 5.68 | 6.95 | 7.12 | 9.12 | 9.25 | 9.98 |
| Mozambique | 0.84 | 0.78 | 0.68 | 0.34 | 0.34 | 0.57 | 0.54 | 0.59 | 0.74 |
| Namibia | .. | .. | .. | .. | 0.60 | 0.63 | 0.94 | 0.96 | 1.02 |
| Nigeria | - 74.97 | - 100.33 | - 95.64 | - 80.08 | - 88.31 | - 106.89 | - 116.92 | - 114.82 | - 105.95 |
| Senegal | 1.44 | 1.55 | 1.24 | 0.85 | 0.93 | 1.53 | 1.87 | 1.90 | 1.78 |
| South Africa | 12.18 | 13.01 | 15.13 | 11.31 | 12.91 | 13.41 | 16.58 | 17.54 | 19.26 |
| Sudan | 1.47 | 1.60 | 1.32 | 1.92 | 1.62 | - 6.68 | - 11.33 | - 12.05 | - 18.80 |
| United Rep. of Tanzania | 0.87 | 1.00 | 0.87 | 0.77 | 1.04 | 0.78 | 1.48 | 1.59 | 1.50 |
| Togo | 0.11 | 0.10 | 0.13 | 0.22 | 0.30 | 0.33 | 0.36 | 0.28 | 0.31 |
| Tunisia | - 2.63 | - 2.32 | - 2.56 | - 1.85 | - 1.75 | - 0.11 | 0.53 | 0.77 | - 0.58 |
| Zambia | 0.50 | 0.95 | 0.74 | 0.77 | 0.59 | 0.52 | 0.69 | 0.73 | 0.77 |
| Zimbabwe | 0.56 | 0.71 | 0.68 | 0.81 | 1.58 | 1.07 | 0.70 | 0.68 | 0.65 |
| Other Africa | 3.26 | 3.27 | 4.79 | 5.57 | 6.06 | 1.24 | - 19.02 | - 18.91 | - 19.82 |
| Africa | - 239.06 | - 247.63 | - 234.89 | - 233.53 | - 247.09 | - 276.09 | - 347.27 | - 357.41 | - 360.76 |
| Argentina | 3.27 | 3.84 | 1.32 | - 4.12 | - 14.82 | - 16.89 | - 13.26 | - 8.95 | - 8.24 |
| Bolivia | - 1.24 | - 1.74 | - 0.05 | - 0.01 | 0.20 | 0.29 | - 0.37 | - 0.38 | 0.30 |
| Brazil | 20.96 | 33.48 | 45.34 | 28.17 | 34.12 | 27.88 | 4.60 | 0.27 | 3.43 |
| Chile | 3.84 | 3.50 | 3.40 | 5.86 | 9.82 | 11.59 | 13.17 | 14.15 | 17.64 |
| Colombia | - 4.98 | - 2.88 | 1.32 | - 12.42 | - 17.44 | - 23.31 | - 15.15 | - 14.85 | - 13.83 |
| Costa Rica | 0.46 | 0.59 | 0.77 | 0.94 | 1.55 | 1.73 | 1.97 | 2.20 | 2.32 |
| Cuba | 7.36 | 8.74 | 10.35 | 10.08 | 6.08 | 5.84 | 5.09 | 5.20 | 5.06 |
| Dominican Republic | 1.16 | 1.68 | 2.12 | 3.09 | 4.47 | 6.32 | 5.69 | 5.51 | 5.54 |
| Ecuador | 1.15 | - 9.15 | - 6.31 | - 10.23 | - 14.16 | - 13.64 | - 17.96 | - 18.41 | - 16.20 |
| El Salvador | 0.50 | 0.69 | 0.62 | 0.79 | 1.66 | 1.84 | 2.08 | 2.12 | 2.23 |
| Guatemala | 0.92 | 1.05 | 1.36 | 1.16 | 1.74 | 1.86 | 2.50 | 2.38 | 2.88 |
| Haiti | 0.13 | 0.13 | 0.22 | 0.32 | 0.32 | 0.50 | 0.69 | 0.71 | 0.79 |
| Honduras | 0.37 | 0.40 | 0.56 | 0.73 | 1.22 | 1.40 | 2.04 | 2.24 | 2.41 |
| Jamaica | 1.92 | 2.93 | 2.18 | 2.48 | 2.81 | 3.59 | 3.42 | 4.09 | 4.77 |
| Netherlands Antilles | 6.82 | 8.02 | 8.27 | 3.14 | 3.16 | 3.72 | 3.77 | 3.78 | 4.06 |
| Nicaragua | 0.52 | 0.63 | 0.64 | 0.63 | 0.87 | 1.15 | 1.36 | 1.36 | 1.49 |
| Panama | 1.50 | 1.78 | 1.17 | 0.95 | 1.46 | 1.93 | 2.08 | 2.37 | 2.00 |
| Paraguay | 0.22 | 0.28 | 0.50 | 0.67 | 1.09 | 1.14 | 1.14 | 1.20 | 1.26 |
| Peru | 2.00 | 2.01 | - 2.99 | - 0.65 | 1.58 | 2.76 | 2.41 | 2.73 | 2.89 |
| Trinidad and Tobago | - 3.62 | - 5.06 | - 9.02 | - 6.39 | - 6.23 | - 4.81 | - 6.29 | - 6.89 | - 6.30 |
| Uruguay | 1.89 | 1.87 | 2.13 | 1.39 | 2.04 | 2.20 | 2.02 | 2.34 | 2.11 |
| Venezuela | - 185.56 | - 181.43 | - 103.51 | - 100.83 | - 140.91 | - 157.43 | - 138.14 | - 131.42 | - 113.53 |
| Other Latin America | 7.34 | 8.21 | 6.53 | 4.49 | 4.56 | 4.86 | 5.68 | 5.78 | 6.14 |
| Latin America | - 133.06 | - 120.44 | - 33.07 | - 69.75 | - 114.83 | - 135.48 | - 131.45 | - 122.48 | - 90.77 |

A negative number shows net exports.

Net imports of oil (Mtoe)
Importations nettes de pétrole (Mtep)

Netto-Ölimport (Mtoe)

Importazioni nette di petrolio (Mtep)

石油の純輸入量 (石油換算百万トン)

Importaciones netas de petróleo (Mtep)

Чистый импорт нефти и нефтепродуктов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bangladesh | 0.96 | 0.90 | 1.66 | 1.88 | 2.73 | 3.12 | 4.23 | 4.17 | 4.32 |
| Brunei Darussalam | - 5.95 | - 11.77 | - 11.79 | - 7.56 | - 8.48 | - 9.68 | - 10.23 | - 10.52 | - 9.15 |
| Cambodia | .. | .. | .. | .. | 0.48 | 0.79 | 1.29 | 1.42 | 1.53 |
| Chinese Taipei | 7.26 | 10.35 | 21.41 | 28.84 | 37.70 | 45.15 | 48.72 | 49.34 | 50.01 |
| India | 15.01 | 17.54 | 23.27 | 27.42 | 44.92 | 77.24 | 91.12 | 96.36 | 106.55 |
| Indonesia | - 33.88 | - 50.82 | - 58.05 | - 39.83 | - 33.13 | - 16.64 | 12.56 | 11.10 | 15.17 |
| DPR of Korea | 0.86 | 1.21 | 2.71 | 2.66 | 1.32 | 1.06 | 0.93 | 0.71 | 0.85 |
| Malaysia | 1.31 | 0.18 | - 5.57 | - 19.25 | - 16.15 | - 12.28 | - 12.32 | - 10.95 | - 8.06 |
| Mongolia | .. | .. | .. | 0.83 | 0.37 | 0.44 | 0.55 | 0.62 | 0.71 |
| Myanmar | 0.28 | 0.05 | - 0.07 | - 0.02 | 0.66 | 1.35 | 0.89 | 0.81 | 0.84 |
| Nepal | 0.06 | 0.07 | 0.12 | 0.26 | 0.54 | 0.77 | 0.79 | 0.81 | 0.83 |
| Pakistan | 2.90 | 3.18 | 4.68 | 8.65 | 12.34 | 16.63 | 13.79 | 15.59 | 16.46 |
| Philippines | 8.73 | 9.26 | 11.35 | 11.79 | 17.83 | 17.15 | 14.39 | 14.02 | 13.94 |
| Singapore | 6.62 | 12.24 | 8.00 | 24.50 | 31.11 | 39.73 | 45.17 | 46.78 | 47.27 |
| Sri Lanka | 1.36 | 1.68 | 1.65 | 1.70 | 2.36 | 3.83 | 4.18 | 4.17 | 4.32 |
| Thailand | 6.35 | 8.28 | 12.17 | 17.71 | 30.59 | 27.43 | 33.65 | 31.80 | 30.69 |
| Vietnam | 5.83 | 5.80 | 1.85 | 0.26 | - 3.14 | - 7.95 | - 6.30 | - 5.34 | - 2.06 |
| Other Asia | 1.64 | 2.07 | 3.15 | - 1.34 | - 1.87 | 0.15 | - 0.56 | - 1.10 | - 0.05 |
| Asia | 19.33 | 10.21 | 16.55 | 58.51 | 120.17 | 188.30 | 242.84 | 249.79 | 274.17 |
| People's Rep. of China | - 0.25 | - 1.84 | - 17.44 | - 24.15 | 11.06 | 74.68 | 143.52 | 168.56 | 183.83 |
| Hong Kong, China | 4.02 | 4.83 | 6.45 | 6.58 | 9.53 | 12.40 | 14.11 | 15.22 | 16.37 |
| China | 3.77 | 2.99 | - 10.99 | - 17.57 | 20.59 | 87.08 | 157.63 | 183.78 | 200.20 |
| Albania | - 0.78 | - 1.31 | - 0.44 | 0.01 | 0.09 | 0.73 | 1.18 | 0.97 | 1.01 |
| Bosnia and Herzegovina | .. | .. | .. | 2.04 | 0.58 | 1.17 | 1.13 | 1.21 | 1.27 |
| Bulgaria | 9.77 | 11.27 | 13.40 | 8.64 | 6.58 | 4.11 | 5.22 | 5.18 | 5.17 |
| Croatia | .. | .. | .. | 2.10 | 2.24 | 2.43 | 3.62 | 3.56 | 3.88 |
| Cyprus | 0.63 | 0.85 | 0.97 | 1.57 | 2.02 | 2.53 | 2.77 | 2.93 | 2.85 |
| Gibraltar | 0.21 | 0.23 | 0.17 | 0.50 | 0.95 | 1.14 | 1.28 | 1.32 | 1.36 |
| FYR of Macedonia | .. | .. | .. | 1.11 | 0.97 | 0.95 | 0.94 | 0.97 | 1.01 |
| Malta | 0.33 | 0.34 | 0.42 | 0.61 | 0.83 | 1.45 | 1.61 | 1.65 | 1.80 |
| Romania | - 2.16 | - 0.55 | 7.05 | 10.67 | 6.51 | 3.31 | 3.55 | 4.35 | 5.13 |
| Serbia | .. | .. | .. | 4.20 | 0.80 | 0.49 | 3.50 | 3.54 | 3.62 |
| Slovenia | .. | .. | .. | 1.81 | 2.26 | 2.43 | 2.61 | 2.62 | 2.60 |
| Former Yugoslavia | 5.34 | 9.26 | 11.77 | x | x | x | x | x | x |
| Non-OECD Europe | 13.34 | 20.09 | 33.32 | 33.26 | 23.84 | 20.73 | 27.42 | 28.31 | 29.70 |
| Armenia | .. | .. | .. | 3.84 | 0.28 | 0.35 | 0.42 | 0.39 | 0.43 |
| Azerbaijan | .. | .. | .. | - 1.44 | - 2.02 | - 7.72 | - 16.76 | - 27.94 | - 38.06 |
| Belarus | .. | .. | .. | 24.25 | 9.04 | 5.90 | 5.88 | 7.03 | 6.25 |
| Estonia | .. | .. | .. | 3.28 | 1.05 | 0.82 | 0.88 | 1.02 | 1.06 |
| Georgia | .. | .. | .. | 5.52 | 1.56 | 0.63 | 0.73 | 0.72 | 0.94 |
| Kazakhstan | .. | .. | .. | - 5.16 | - 8.95 | - 27.10 | - 51.16 | - 54.38 | - 56.05 |
| Kyrgyzstan | .. | .. | .. | 2.88 | 0.52 | 0.32 | 0.54 | 0.52 | 0.62 |
| Latvia | .. | .. | .. | 3.97 | 2.09 | 1.12 | 1.68 | 1.71 | 1.76 |
| Lithuania | .. | .. | .. | 7.28 | 3.67 | 2.22 | 2.54 | 2.66 | 2.64 |
| Republic of Moldova | .. | .. | .. | 4.87 | 1.08 | 0.47 | 0.67 | 0.64 | 0.64 |
| Russian Federation | .. | .. | .. | - 261.26 | - 157.42 | - 192.21 | - 334.92 | - 334.63 | - 351.44 |
| Tajikistan | .. | .. | .. | 1.89 | 1.18 | 0.88 | 1.42 | 1.60 | 1.78 |
| Turkmenistan | .. | .. | .. | 1.41 | - 0.90 | - 4.09 | - 5.47 | - 4.46 | - 5.21 |
| Ukraine | .. | .. | .. | 54.24 | 21.04 | 8.50 | 9.58 | 10.32 | 11.40 |
| Uzbekistan | .. | .. | .. | 7.30 | - 0.45 | - 0.40 | - 0.32 | - 0.30 | - 0.29 |
| Former Soviet Union | - 98.79 | - 104.22 | - 156.33 | - 147.13 | - 128.22 | - 210.32 | - 384.29 | - 395.09 | - 423.52 |

A negative number shows net exports.

Net imports of oil (Mtoe)
Importations nettes de pétrole (Mtep)

Netto-Ölimport (Mtoe)

Importazioni nette di petrolio (Mtep)

石油の純輸入量 (石油換算百万トン)

Importaciones netas de petróleo (Mtep)

Чистый импорт нефти и нефтепродуктов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Bahrain | - 8.07 | - 7.59 | - 8.38 | - 9.03 | - 8.88 | - 8.76 | - 8.12 | - 8.37 | - 8.09 |
| Islamic Republic of Iran | - 214.91 | - 279.48 | - 42.16 | - 108.98 | - 129.14 | - 124.65 | - 142.44 | - 135.01 | - 138.43 |
| Iraq | - 81.47 | - 97.13 | - 124.29 | - 84.11 | - 4.92 | - 109.31 | - 63.24 | - 65.84 | - 71.00 |
| Israel | 0.40 | 2.44 | 8.47 | 9.01 | 11.62 | 12.25 | 11.92 | 11.23 | 12.10 |
| Jordan | 0.62 | 0.68 | 1.78 | 3.51 | 4.14 | 4.84 | 5.72 | 5.05 | 5.08 |
| Kuwait | - 152.00 | - 146.86 | - 77.10 | - 44.17 | - 98.06 | - 93.16 | - 117.73 | - 124.98 | - 120.24 |
| Lebanon | 2.04 | 2.41 | 2.48 | 2.16 | 4.32 | 4.64 | 4.79 | 4.37 | 3.71 |
| Oman | - 13.77 | - 13.92 | - 13.58 | - 34.01 | - 41.87 | - 48.95 | - 38.57 | - 34.00 | - 31.00 |
| Qatar | - 21.04 | - 28.11 | - 23.04 | - 19.05 | - 19.88 | - 34.16 | - 41.65 | - 43.31 | - 43.05 |
| Saudi Arabia | - 223.94 | - 367.52 | - 496.90 | - 307.71 | - 376.54 | - 374.52 | - 433.96 | - 421.25 | - 396.06 |
| Syrian Arab Republic | - 2.54 | - 3.11 | - 4.05 | - 11.14 | - 18.71 | - 16.03 | - 10.13 | - 7.85 | - 4.48 |
| United Arab Emirates | - 51.77 | - 74.79 | - 78.88 | - 78.41 | - 90.51 | - 100.23 | - 103.69 | - 111.74 | - 107.83 |
| Yemen | 1.07 | 1.27 | 1.94 | - 6.42 | - 13.68 | - 17.07 | - 12.63 | - 10.07 | - 8.79 |
| Middle East | - 765.37 | - 1 011.72 | - 853.71 | - 688.35 | - 782.10 | - 905.12 | - 949.73 | - 941.77 | - 908.08 |
| Non-OECD Total | -1 199.83 | -1 450.71 | -1 239.12 | -1 064.55 | -1 107.64 | -1 230.90 | -1 384.85 | -1 354.88 | -1 279.06 |
| <i>European Union - 27</i> | .. | .. | .. | 528.18 | 506.12 | 529.23 | 597.27 | 605.18 | 584.45 |
| OECD North America | 191.91 | 294.59 | 300.93 | 289.61 | 312.70 | 433.77 | 520.13 | 504.70 | 498.23 |
| OECD Pacific | 245.88 | 300.08 | 294.50 | 322.46 | 386.45 | 387.60 | 381.08 | 374.47 | 366.55 |
| OECD Europe | 682.80 | 776.76 | 621.30 | 453.03 | 385.60 | 397.19 | 495.69 | 514.81 | 494.69 |
| OECD Total | 1 120.60 | 1 371.43 | 1 216.73 | 1 065.10 | 1 084.74 | 1 218.55 | 1 396.90 | 1 393.98 | 1 359.47 |
| World | - 79.24 | - 79.28 | - 22.39 | 0.55 | - 22.90 | - 12.35 | 12.04 | 39.10 | 80.41 |
| <i>Memo: OPEC</i> | <i>-1 180.26</i> | <i>-1 450.55</i> | <i>-1 187.33</i> | <i>- 970.94</i> | <i>-1 102.90</i> | <i>-1 271.61</i> | <i>-1 388.65</i> | <i>-1 391.14</i> | <i>-1 348.72</i> |

A negative number shows net exports.

The row World shows the discrepancy between total exports and total imports.

Net imports of gas (Mtoe)
Importations nettes de gaz naturel (Mtep)
Nettoimport von Erdgas (Mtoe)
Importazioni nette di gas naturale (Mtep)
ガスの純輸入量 (石油換算百万トン)
Importaciones netas de gas natural (Mtep)
Чистый импорт природного газа (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|------------------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Algeria | - 1.13 | - 2.09 | - 5.65 | - 26.68 | - 32.22 | - 53.01 | - 55.08 | - 52.82 | - 51.28 |
| Egypt | - | - | - | - | - | - | - 12.64 | - 13.58 | - 13.56 |
| Libyan Arab Jamahiriya | - 0.40 | - 2.57 | - 1.74 | - 1.01 | - 1.22 | - 0.65 | - 4.41 | - 6.82 | - 8.15 |
| Morocco | - | - | - | - | - | - | 0.34 | 0.42 | 0.49 |
| Mozambique | - | - | - | - | - | - | - 1.85 | - 2.19 | - 2.16 |
| Nigeria | - | - | - | - | - | - 4.58 | - 10.68 | - 14.89 | - 18.30 |
| South Africa | - | - | - | - | - | - | 1.85 | 2.19 | 2.16 |
| Tunisia | - | - | - | 0.90 | 1.79 | 0.85 | 1.10 | 1.41 | 1.72 |
| Other Africa | - | - | - | - | - | - | - | - | - 1.22 |
| Africa | - 1.54 | - 4.66 | - 7.39 | - 26.79 | - 31.65 | - 57.40 | - 81.36 | - 86.28 | - 90.30 |
| Argentina | - | 1.45 | 1.88 | 1.82 | 1.91 | - 3.88 | - 4.26 | - 4.95 | - 0.83 |
| Bolivia | - | - 1.60 | - 1.90 | - 2.13 | - 1.99 | - 1.77 | - 8.61 | - 9.02 | - 9.94 |
| Brazil | - | - | - | - | - | 1.80 | 7.49 | 8.15 | 8.61 |
| Chile | - | - | - | - | - 0.06 | 3.67 | 5.27 | 4.82 | 2.34 |
| Colombia | - | - | - | - | - | - | - | - | - 0.07 |
| Dominican Republic | - | - | - | - | - | - | 0.23 | 0.28 | 0.37 |
| Trinidad and Tobago | - | - | - | - | - | - 2.78 | - 11.99 | - 13.60 | - 15.31 |
| Uruguay | - | - | - | - | - | 0.03 | 0.09 | 0.10 | 0.09 |
| Venezuela | - | - | - | - | - | - | - | - | 0.07 |
| Other Latin America | - | - | - | - | - | 0.29 | 0.60 | 0.58 | 0.58 |
| Latin America | - | - 0.15 | - 0.01 | - 0.31 | - 0.13 | - 2.65 | - 11.17 | - 13.63 | - 14.09 |
| Brunei Darussalam | - | - 1.27 | - 7.76 | - 6.26 | - 7.32 | - 7.63 | - 8.16 | - 8.54 | - 8.25 |
| Chinese Taipei | - | - | - | 0.76 | 2.95 | 5.17 | 8.35 | 9.05 | 9.66 |
| India | - | - | - | - | - | - | 5.82 | 7.99 | 9.64 |
| Indonesia | - | - | - 10.01 | - 24.15 | - 29.18 | - 31.74 | - 32.09 | - 30.66 | - 30.42 |
| Malaysia | - | - | - 0.01 | - 8.68 | - 12.26 | - 17.83 | - 23.49 | - 20.81 | - 19.63 |
| Myanmar | - | - | - | - | - | - 3.98 | - 7.51 | - 7.58 | - 8.35 |
| Singapore | - | - | - | - | 1.48 | 1.18 | 5.93 | 6.42 | 6.76 |
| Thailand | - | - | - | - | - | 1.73 | 7.42 | 7.64 | 7.99 |
| Vietnam | - | - | - | - | - | - | - 1.29 | - 1.53 | - 0.49 |
| Other Asia | - 1.88 | - 2.05 | - 2.12 | - | - | - | - | - | - |
| Asia | - 1.88 | - 3.32 | - 19.90 | - 38.33 | - 44.33 | - 53.10 | - 45.02 | - 38.02 | - 33.07 |
| People's Rep. of China | - | - | - | - | - 0.02 | - 2.01 | - 2.48 | - 1.63 | 1.19 |
| Hong Kong, China | - | - | - | - | 0.03 | 2.45 | 2.19 | 2.40 | 2.24 |
| China | - | - | - | - | 0.00 | 0.44 | - 0.30 | 0.77 | 3.43 |
| Bosnia and Herzegovina | .. | .. | .. | 0.39 | 0.12 | 0.20 | 0.30 | 0.32 | 0.35 |
| Bulgaria | - | - | 3.03 | 5.43 | 4.56 | 2.74 | 2.46 | 2.61 | 2.75 |
| Croatia | .. | .. | .. | 0.58 | 0.22 | 0.90 | 0.56 | 0.19 | 0.25 |
| FYR of Macedonia | .. | .. | .. | - | - | 0.05 | 0.06 | 0.07 | 0.09 |
| Romania | - 0.16 | - 0.16 | 1.10 | 5.93 | 4.79 | 2.71 | 4.19 | 4.79 | 3.86 |
| Serbia | .. | .. | .. | 2.06 | 0.67 | 0.91 | 1.71 | 1.76 | 1.76 |
| Slovenia | .. | .. | .. | 0.72 | 0.75 | 0.82 | 0.93 | 0.90 | 0.91 |
| Former Yugoslavia | - | - | 1.22 | x | x | x | x | x | x |
| Non-OECD Europe | - 0.16 | - 0.16 | 5.36 | 15.10 | 11.12 | 8.34 | 10.20 | 10.63 | 9.96 |

A negative number shows net exports.

Net imports of gas (Mtoe)
Importations nettes de gaz naturel (Mtep)
Nettoimport von Erdgas (Mtoe)
Importazioni nette di gas naturale (Mtep)
ガスの純輸入量 (石油換算百万トン)
Importaciones netas de gas natural (Mtep)
Чистый импорт природного газа (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Armenia | .. | .. | .. | 3.59 | 1.14 | 1.12 | 1.34 | 1.37 | 1.64 |
| Azerbaijan | .. | .. | .. | 6.23 | 0.43 | 0.23 | 3.79 | 3.66 | - 1.53 |
| Belarus | .. | .. | .. | 12.68 | 11.23 | 14.21 | 16.70 | 17.25 | 17.12 |
| Estonia | .. | .. | .. | 1.22 | 0.58 | 0.66 | 0.80 | 0.81 | 0.80 |
| Georgia | .. | .. | .. | 4.50 | 0.96 | 0.90 | 1.06 | 1.36 | 1.38 |
| Kazakhstan | .. | .. | .. | 4.92 | 5.31 | - 0.83 | - 3.52 | - 1.33 | - 1.17 |
| Kyrgyzstan | .. | .. | .. | 1.45 | 0.71 | 0.55 | 0.60 | 0.63 | 0.68 |
| Latvia | .. | .. | .. | 2.56 | 1.00 | 1.11 | 1.43 | 1.53 | 1.32 |
| Lithuania | .. | .. | .. | 4.68 | 2.03 | 2.06 | 2.49 | 2.48 | 2.97 |
| Republic of Moldova | .. | .. | .. | 3.27 | 2.56 | 2.12 | 2.45 | 2.27 | 2.31 |
| Russian Federation | .. | .. | .. | - 145.24 | - 151.07 | - 146.02 | - 161.18 | - 158.03 | - 148.98 |
| Tajikistan | .. | .. | .. | 1.30 | 0.48 | 0.60 | 0.51 | 0.52 | 0.53 |
| Turkmenistan | .. | .. | .. | - 56.52 | - 17.87 | - 27.30 | - 39.04 | - 39.19 | - 42.68 |
| Ukraine | .. | .. | .. | 73.46 | 53.24 | 47.25 | 48.25 | 42.11 | 42.00 |
| Uzbekistan | .. | .. | .. | - 0.52 | - 3.42 | - 4.25 | - 9.18 | - 9.38 | - 11.04 |
| Former Soviet Union | 2.90 | 3.80 | - 42.59 | - 82.41 | - 92.69 | - 107.61 | - 133.48 | - 133.94 | - 134.65 |
| Islamic Republic of Iran | - 4.44 | - 6.83 | - | - 1.64 | - | 2.78 | 0.37 | 0.45 | 0.46 |
| Iraq | - | - | - | - 1.63 | - | - | - | - | - |
| Jordan | - | - | - | - | - | - | 1.21 | 1.82 | 2.24 |
| Kuwait | - | - | - | 1.72 | - | - | - | - | - |
| Oman | - | - | - | - | - 0.41 | - 3.21 | - 9.31 | - 10.48 | - 10.64 |
| Qatar | - | - | - | - | - | - 12.31 | - 26.08 | - 30.10 | - 36.94 |
| United Arab Emirates | - | - | - 2.18 | - 2.68 | - 5.48 | - 5.93 | - 4.84 | - 4.79 | - 1.12 |
| Middle East | - 4.44 | - 6.83 | - 2.18 | - 4.23 | - 5.89 | - 18.67 | - 38.66 | - 43.11 | - 45.99 |
| Non-OECD Total | - 5.13 | - 11.33 | - 66.71 | - 136.96 | - 163.56 | - 230.64 | - 299.79 | - 303.57 | - 304.71 |
| <i>European Union - 27</i> | .. | .. | .. | 135.01 | 145.25 | 192.48 | 257.27 | 266.37 | 260.46 |
| OECD North America | - 0.68 | - 0.72 | 0.89 | 1.04 | - 0.67 | 3.02 | 11.89 | 12.77 | 16.20 |
| OECD Pacific | 1.17 | 2.78 | 19.53 | 42.67 | 51.24 | 71.29 | 81.50 | 90.33 | 96.81 |
| OECD Europe | 5.33 | 10.09 | 39.00 | 96.62 | 114.60 | 154.67 | 198.91 | 208.46 | 206.60 |
| OECD Total | 5.82 | 12.16 | 59.42 | 140.32 | 165.17 | 228.99 | 292.30 | 311.56 | 319.60 |
| World | 0.69 | 0.84 | - 7.29 | 3.36 | 1.62 | - 1.65 | - 7.49 | 7.99 | 14.89 |

A negative number shows net exports.

The row World shows the discrepancy between total exports and total imports.

Net imports of electricity (Mtoe)
Importations nettes d'électricité (Mtep)
Nettoimport von Elektrizität (Mtoe)
Importazioni nette di energia elettrica (Mtep)
電力の純輸入量 (石油換算百万トン)
Importaciones netas de electricidad (Mtep)
Чистый импорт электроэнергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 0.000 | -0.000 | 0.000 | -0.008 | -0.024 | -0.008 | 0.007 | 0.007 | 0.001 |
| Benin | 0.003 | 0.004 | 0.010 | 0.017 | 0.022 | 0.032 | 0.051 | 0.051 | 0.051 |
| Botswana | .. | .. | .. | 0.007 | 0.029 | 0.070 | 0.151 | 0.151 | 0.152 |
| Congo | -0.001 | 0.000 | 0.001 | 0.001 | 0.014 | 0.023 | 0.036 | 0.035 | 0.039 |
| DR of Congo | -0.002 | -0.002 | -0.008 | -0.000 | -0.124 | -0.110 | -0.154 | -0.154 | -0.164 |
| Côte d'Ivoire | - | - | - | 0.025 | 0.003 | -0.107 | -0.120 | -0.092 | -0.066 |
| Egypt | - | - | - | - | - | -0.013 | -0.067 | -0.030 | -0.048 |
| Ghana | - | -0.009 | -0.038 | -0.065 | 0.003 | 0.041 | 0.015 | -0.011 | 0.016 |
| Kenya | 0.025 | 0.026 | 0.027 | 0.016 | 0.013 | 0.017 | -0.001 | -0.005 | -0.002 |
| Libyan Arab Jamahiriya | - | - | - | - | - | - | 0.004 | 0.003 | -0.002 |
| Morocco | - | - | - | 0.009 | 0.021 | 0.200 | 0.069 | 0.172 | 0.297 |
| Mozambique | 0.000 | 0.013 | 0.013 | 0.014 | 0.043 | -0.558 | -0.208 | -0.257 | -0.305 |
| Namibia | .. | .. | .. | .. | 0.053 | 0.099 | 0.144 | 0.164 | 0.172 |
| Nigeria | - | - | -0.008 | - | - | - | - | - | - |
| South Africa | -0.001 | -0.017 | 0.783 | -0.109 | -0.245 | 0.061 | -0.202 | -0.255 | -0.249 |
| United Rep. of Tanzania | - | - | - | - | 0.003 | 0.005 | 0.006 | 0.015 | - |
| Togo | - | 0.003 | 0.012 | 0.019 | 0.013 | 0.032 | 0.044 | 0.043 | 0.044 |
| Tunisia | - | - | - | -0.000 | 0.003 | 0.000 | -0.000 | 0.001 | - |
| Zambia | 0.295 | 0.175 | -0.223 | -0.140 | -0.106 | -0.114 | -0.021 | -0.022 | -0.023 |
| Zimbabwe | 0.015 | 0.008 | 0.248 | 0.029 | 0.199 | 0.438 | 0.256 | 0.244 | 0.229 |
| Other Africa | 0.002 | 0.004 | -0.010 | 0.007 | 0.003 | 0.068 | 0.110 | 0.125 | 0.131 |
| Africa | 0.336 | 0.206 | 0.807 | -0.180 | -0.078 | 0.177 | 0.121 | 0.185 | 0.270 |
| Argentina | -0.001 | 0.004 | 0.002 | 0.071 | 0.183 | 0.106 | 0.333 | 0.203 | 0.658 |
| Bolivia | - | - | - | 0.001 | 0.001 | 0.001 | - | - | - |
| Brazil | -0.002 | -0.002 | -0.018 | 2.282 | 3.040 | 3.801 | 3.358 | 3.540 | 3.340 |
| Chile | 0.000 | 0.000 | - | - | - | 0.102 | 0.185 | 0.197 | 0.140 |
| Colombia | - | - | - | 0.017 | 0.032 | 0.003 | -0.150 | -0.154 | -0.072 |
| Costa Rica | - | - | - | 0.014 | 0.003 | -0.041 | 0.001 | 0.008 | 0.014 |
| Ecuador | - | - | - | - | - | - | 0.148 | 0.135 | 0.074 |
| El Salvador | - | - | - | 0.000 | -0.003 | 0.060 | 0.024 | 0.000 | 0.003 |
| Guatemala | - | - | - | -0.000 | 0.003 | -0.061 | -0.027 | -0.007 | -0.011 |
| Honduras | - | - | 0.000 | -0.029 | -0.002 | 0.024 | 0.005 | 0.002 | 0.001 |
| Nicaragua | - | - | -0.001 | 0.006 | - | 0.010 | 0.002 | 0.005 | 0.006 |
| Panama | 0.001 | 0.002 | 0.000 | 0.008 | 0.012 | 0.010 | -0.004 | -0.004 | -0.010 |
| Paraguay | - | -0.007 | 0.004 | -2.148 | -3.253 | -4.073 | -3.766 | -3.931 | -3.882 |
| Uruguay | 0.003 | 0.002 | -0.097 | -0.218 | -0.004 | 0.033 | 0.064 | 0.242 | -0.018 |
| Venezuela | - | - | - | - | - | -0.004 | 0.020 | 0.071 | 0.096 |
| Other Latin America | - | - | - | 0.001 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 |
| Latin America | 0.001 | 0.000 | -0.109 | 0.004 | 0.014 | -0.026 | 0.195 | 0.309 | 0.341 |
| Cambodia | .. | .. | .. | .. | - | - | 0.007 | 0.010 | 0.014 |
| India | - | -0.001 | -0.003 | 0.118 | 0.131 | 0.112 | 0.134 | 0.236 | 0.408 |
| Malaysia | - | - | 0.007 | -0.005 | -0.002 | - | -0.192 | -0.200 | -0.195 |
| Mongolia | .. | .. | .. | 0.020 | 0.033 | 0.013 | 0.013 | 0.013 | 0.016 |
| Nepal | 0.000 | - | 0.001 | -0.004 | -0.001 | 0.009 | 0.006 | 0.006 | 0.006 |
| Singapore | - | - | -0.008 | - | - | - | - | - | - |
| Thailand | -0.004 | 0.013 | 0.065 | 0.053 | 0.053 | 0.239 | 0.325 | 0.379 | 0.307 |
| Other Asia | - | - | -0.039 | -0.162 | -0.144 | -0.387 | -0.334 | -0.311 | -0.353 |
| Asia | -0.003 | 0.013 | 0.023 | 0.020 | 0.070 | -0.015 | -0.041 | 0.132 | 0.204 |
| People's Rep. of China | - | - | - | 0.158 | -0.463 | -0.717 | -0.532 | -0.592 | -0.887 |
| Hong Kong, China | - | - | -0.027 | -0.155 | 0.521 | 0.776 | 0.559 | 0.548 | 0.596 |
| China | - | - | -0.027 | 0.004 | 0.058 | 0.059 | 0.028 | -0.044 | -0.292 |

A negative number shows net exports.

Net imports of electricity (Mtoe)
Importations nettes d'électricité (Mtep)
Nettoimport von Elektrizität (Mtoe)
Importazioni nette di energia elettrica (Mtep)
電力の純輸入量 (石油換算百万トン)
Importaciones netas de electricidad (Mtep)
Чистый импорт электроэнергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Albania | - | - 0.023 | - 0.043 | 0.018 | - 0.006 | 0.086 | 0.032 | 0.053 | 0.243 |
| Bosnia and Herzegovina | .. | .. | .. | - | 0.010 | - 0.092 | - 0.118 | - 0.181 | - 0.052 |
| Bulgaria | 0.019 | 0.280 | 0.330 | 0.326 | - 0.014 | - 0.397 | - 0.652 | - 0.666 | - 0.385 |
| Croatia | .. | .. | .. | 0.576 | 0.301 | 0.344 | 0.440 | 0.484 | 0.547 |
| FYR of Macedonia | .. | .. | .. | 0.007 | 0.010 | 0.010 | 0.138 | 0.154 | 0.214 |
| Romania | - 0.271 | - 0.305 | 0.036 | 0.815 | 0.026 | - 0.060 | - 0.250 | - 0.368 | - 0.180 |
| Serbia | .. | .. | .. | - 0.173 | - 0.035 | 0.259 | - 0.167 | - 0.070 | - 0.007 |
| Slovenia | .. | .. | .. | - 0.085 | - 0.142 | - 0.114 | - 0.028 | 0.004 | 0.020 |
| Former Yugoslavia | - 0.014 | - 0.004 | - 0.035 | x | x | x | x | x | x |
| Non-OECD Europe | - 0.267 | - 0.052 | 0.288 | 1.484 | 0.149 | 0.036 | - 0.606 | - 0.590 | 0.401 |
| Armenia | .. | .. | .. | 0.079 | 0.001 | - 0.040 | - 0.067 | - 0.027 | 0.007 |
| Azerbaijan | .. | .. | .. | - 0.138 | 0.034 | 0.043 | 0.103 | 0.076 | - 0.021 |
| Belarus | .. | .. | .. | 0.811 | 0.616 | 0.620 | 0.347 | 0.375 | 0.374 |
| Estonia | .. | .. | .. | - 0.602 | - 0.065 | - 0.080 | - 0.138 | - 0.065 | - 0.208 |
| Georgia | .. | .. | .. | 0.276 | 0.060 | 0.021 | 0.116 | 0.053 | - 0.017 |
| Kazakhstan | .. | .. | .. | 1.491 | 0.636 | 0.260 | 0.049 | 0.072 | - 0.030 |
| Kyrgyzstan | .. | .. | .. | - 0.379 | - 0.118 | - 0.244 | - 0.231 | - 0.217 | - 0.205 |
| Latvia | .. | .. | .. | 0.308 | 0.194 | 0.154 | 0.185 | 0.216 | 0.258 |
| Lithuania | .. | .. | .. | - 1.030 | - 0.230 | - 0.115 | - 0.255 | - 0.037 | - 0.118 |
| Republic of Moldova | .. | .. | .. | - 0.262 | 0.161 | 0.154 | 0.270 | 0.302 | 0.252 |
| Russian Federation | .. | .. | .. | - 0.715 | - 1.686 | - 1.209 | - 1.065 | - 1.360 | - 1.101 |
| Tajikistan | .. | .. | .. | 0.103 | 0.057 | 0.115 | 0.022 | 0.052 | 0.009 |
| Turkmenistan | .. | .. | .. | - 0.427 | - 0.174 | - 0.069 | - 0.108 | - 0.115 | - 0.126 |
| Ukraine | .. | .. | .. | - 2.449 | - 0.254 | - 0.331 | - 0.718 | - 0.898 | - 0.789 |
| Uzbekistan | .. | .. | .. | - 0.186 | - 0.111 | 0.110 | - 0.007 | - 0.007 | - 0.007 |
| Former Soviet Union | - 0.576 | - 0.834 | - 1.643 | - 3.118 | - 0.879 | - 0.612 | - 1.498 | - 1.578 | - 1.721 |
| Islamic Republic of Iran | - | - | - | - | - 0.014 | - 0.062 | - 0.059 | - 0.020 | - 0.058 |
| Iraq | - | - | - | - | - | - | 0.107 | 0.112 | 0.117 |
| Israel | - 0.003 | - 0.005 | - 0.014 | - 0.039 | - 0.079 | - 0.125 | - 0.143 | - 0.159 | - 0.179 |
| Jordan | 0.003 | 0.005 | - | - | - | 0.003 | 0.063 | 0.040 | 0.002 |
| Lebanon | - | - | 0.006 | - | 0.025 | 0.120 | 0.039 | 0.080 | 0.084 |
| Syrian Arab Republic | - 0.006 | - | - 0.006 | - | - | - | - | - | - |
| Middle East | - 0.006 | - | - 0.014 | - 0.039 | - 0.067 | - 0.064 | 0.007 | 0.053 | - 0.035 |
| Non-OECD Total | - 0.515 | - 0.668 | - 0.675 | - 1.825 | - 0.733 | - 0.444 | - 1.795 | - 1.535 | - 0.833 |
| <i>European Union - 27</i> | .. | .. | .. | 3.336 | 1.509 | 1.687 | 0.973 | 0.299 | 0.902 |
| OECD North America | 0.010 | 0.048 | 0.008 | 0.023 | 0.070 | - 0.073 | - 0.029 | - 0.126 | 0.410 |
| OECD Europe | 0.635 | 0.494 | 1.345 | 1.992 | 0.482 | 0.341 | 1.521 | 1.377 | 0.341 |
| OECD Total | 0.645 | 0.542 | 1.353 | 2.014 | 0.552 | 0.267 | 1.493 | 1.250 | 0.751 |
| World | 0.130 | - 0.126 | 0.678 | 0.189 | - 0.181 | - 0.177 | - 0.302 | - 0.284 | - 0.082 |

A negative number shows net exports.

The row World shows the discrepancy between total exports and total imports.

Total net imports of energy (Mtoe)
Importations nettes totales d'énergie (Mtep)
Gesamter Nettoimport von Energie (Mtoe)
Importazioni nette totali di energia (Mtep)
エネルギー純輸入量 (石油換算百万トン)
Importaciones netas totales de energia (Mtep)
Общий чистый импорт топлива и энергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Algeria | - 36.27 | - 50.89 | - 51.27 | - 77.34 | - 81.99 | - 114.96 | - 133.81 | - 129.61 | - 127.47 |
| Angola | - 4.66 | - 7.27 | - 6.40 | - 22.46 | - 29.14 | - 37.91 | - 61.17 | - 69.36 | - 84.15 |
| Benin | 0.11 | 0.14 | 0.15 | - 0.09 | 0.02 | 0.56 | 0.90 | 1.08 | 1.14 |
| Botswana | .. | .. | .. | 0.36 | 0.44 | 0.72 | 0.84 | 0.88 | 0.93 |
| Cameroon | 0.30 | 0.33 | - 2.96 | - 6.08 | - 5.21 | - 3.31 | - 3.16 | - 3.46 | - 2.73 |
| Congo | 0.17 | - 1.28 | - 3.16 | - 7.91 | - 9.28 | - 13.79 | - 12.48 | - 14.22 | - 11.25 |
| DR of Congo | 0.97 | 1.02 | 0.03 | - 0.09 | - 0.50 | - 0.66 | - 0.36 | - 0.24 | - 0.17 |
| Côte d'Ivoire | 0.82 | 1.08 | 1.51 | 1.07 | 1.01 | 0.94 | - 0.68 | - 2.20 | - 1.25 |
| Egypt | - 8.60 | - 1.63 | - 17.12 | - 20.71 | - 21.92 | - 8.46 | - 14.00 | - 14.12 | - 13.19 |
| Eritrea | .. | .. | .. | .. | 0.41 | 0.21 | 0.23 | 0.16 | 0.16 |
| Ethiopia | 0.59 | 0.57 | 0.61 | 1.00 | 1.13 | 1.10 | 1.56 | 1.74 | 1.98 |
| Gabon | - 5.47 | - 7.13 | - 8.20 | - 12.16 | - 18.17 | - 13.60 | - 10.28 | - 10.33 | - 10.03 |
| Ghana | 0.77 | 0.91 | 0.81 | 0.97 | 1.15 | 2.01 | 2.51 | 2.99 | 3.15 |
| Kenya | 1.74 | 1.82 | 2.23 | 2.25 | 2.35 | 3.39 | 3.43 | 3.66 | 3.63 |
| Libyan Arab Jamahiriya | - 136.14 | - 111.96 | - 89.10 | - 64.57 | - 62.38 | - 57.97 | - 76.80 | - 84.31 | - 83.49 |
| Morocco | 2.17 | 2.40 | 3.96 | 6.50 | 8.25 | 9.93 | 12.78 | 13.08 | 14.08 |
| Mozambique | 1.01 | 0.91 | 0.75 | 0.37 | 0.39 | - 0.01 | - 1.53 | - 1.87 | - 1.74 |
| Namibia | .. | .. | .. | .. | 0.66 | 0.73 | 1.09 | 1.16 | 1.23 |
| Nigeria | - 74.97 | - 100.35 | - 95.64 | - 80.10 | - 88.31 | - 111.48 | - 127.59 | - 129.72 | - 124.25 |
| Senegal | 1.44 | 1.55 | 1.24 | 0.85 | 0.93 | 1.53 | 1.97 | 2.00 | 1.89 |
| South Africa | 11.21 | 11.69 | - 3.19 | - 22.59 | - 27.63 | - 32.81 | - 28.46 | - 25.42 | - 21.86 |
| Sudan | 1.47 | 1.60 | 1.32 | 1.92 | 1.62 | - 6.68 | - 11.33 | - 12.05 | - 18.80 |
| United Rep. of Tanzania | 0.87 | 1.00 | 0.87 | 0.77 | 1.05 | 0.78 | 1.49 | 1.60 | 1.50 |
| Togo | 0.11 | 0.10 | 0.14 | 0.24 | 0.32 | 0.36 | 0.41 | 0.32 | 0.35 |
| Tunisia | - 2.56 | - 2.24 | - 2.49 | - 0.87 | 0.12 | 0.81 | 1.63 | 2.18 | 1.14 |
| Zambia | 0.82 | 1.13 | 0.52 | 0.59 | 0.48 | 0.40 | 0.66 | 0.70 | 0.74 |
| Zimbabwe | 0.37 | 0.63 | 0.76 | 0.83 | 1.64 | 1.38 | 0.86 | 0.82 | 0.77 |
| Other Africa | 3.29 | 3.31 | 4.84 | 5.65 | 6.13 | 1.38 | - 18.86 | - 18.66 | - 20.78 |
| Africa | - 240.43 | - 252.56 | - 259.80 | - 291.59 | - 316.45 | - 375.41 | - 470.17 | - 483.19 | - 488.46 |
| Argentina | 3.77 | 5.85 | 3.88 | - 1.39 | - 12.01 | - 20.31 | - 16.30 | - 12.76 | - 7.47 |
| Bolivia | - 1.24 | - 3.35 | - 1.95 | - 2.14 | - 1.79 | - 1.48 | - 8.98 | - 9.40 | - 9.64 |
| Brazil | 22.28 | 34.84 | 48.80 | 38.92 | 47.97 | 43.65 | 24.71 | 20.35 | 24.81 |
| Chile | 4.02 | 3.70 | 4.03 | 6.99 | 11.25 | 18.27 | 21.04 | 22.17 | 24.13 |
| Colombia | - 5.00 | - 2.93 | 1.23 | - 21.24 | - 29.34 | - 46.43 | - 50.16 | - 55.29 | - 55.97 |
| Costa Rica | 0.46 | 0.59 | 0.78 | 0.96 | 1.56 | 1.69 | 1.99 | 2.25 | 2.42 |
| Cuba | 7.44 | 8.80 | 10.44 | 10.21 | 6.14 | 5.87 | 5.12 | 5.22 | 5.08 |
| Dominican Republic | 1.16 | 1.68 | 2.12 | 3.10 | 4.51 | 6.38 | 6.21 | 6.29 | 6.43 |
| Ecuador | 1.15 | - 9.15 | - 6.31 | - 10.23 | - 14.16 | - 13.64 | - 17.81 | - 18.27 | - 16.13 |
| El Salvador | 0.50 | 0.69 | 0.62 | 0.79 | 1.65 | 1.91 | 2.11 | 2.13 | 2.24 |
| Guatemala | 0.92 | 1.05 | 1.38 | 1.16 | 1.74 | 1.94 | 2.98 | 2.67 | 3.31 |
| Haiti | 0.13 | 0.13 | 0.22 | 0.33 | 0.32 | 0.50 | 0.69 | 0.71 | 0.79 |
| Honduras | 0.37 | 0.40 | 0.57 | 0.71 | 1.21 | 1.51 | 2.16 | 2.36 | 2.53 |
| Jamaica | 1.92 | 2.93 | 2.18 | 2.51 | 2.84 | 3.64 | 3.46 | 4.12 | 4.79 |
| Netherlands Antilles | 6.82 | 8.02 | 8.27 | 3.14 | 3.16 | 3.72 | 3.77 | 3.78 | 4.06 |
| Nicaragua | 0.52 | 0.63 | 0.64 | 0.64 | 0.87 | 1.16 | 1.36 | 1.37 | 1.49 |
| Panama | 1.50 | 1.79 | 1.17 | 0.98 | 1.50 | 1.98 | 2.07 | 2.37 | 1.99 |
| Paraguay | 0.22 | 0.27 | 0.50 | - 1.48 | - 2.17 | - 2.93 | - 2.63 | - 2.92 | - 2.91 |
| Peru | 2.08 | 2.14 | - 2.86 | - 0.58 | 1.92 | 3.35 | 3.22 | 3.45 | 3.77 |
| Trinidad and Tobago | - 3.62 | - 5.06 | - 9.02 | - 6.39 | - 6.23 | - 7.59 | - 18.28 | - 20.49 | - 21.62 |
| Uruguay | 1.92 | 1.90 | 2.03 | 1.18 | 2.04 | 2.26 | 2.17 | 2.68 | 2.19 |
| Venezuela | - 185.44 | - 181.20 | - 103.39 | - 101.96 | - 144.01 | - 163.22 | - 143.33 | - 136.67 | - 118.74 |
| Other Latin America | 7.36 | 8.24 | 6.55 | 4.49 | 4.56 | 5.15 | 6.29 | 6.37 | 6.73 |
| Latin America | - 130.75 | - 118.02 | - 28.13 | - 69.30 | - 116.45 | - 152.64 | - 168.11 | - 167.53 | - 135.70 |

A negative number shows net exports.

Total net imports of energy (Mtoe)
Importations nettes totales d'énergie (Mtep)
Gesamter Nettoimport von Energie (Mtoe)
Importazioni nette totali di energia (Mtep)
エネルギー純輸入量 (石油換算百万トン)
Importaciones netas totales de energia (Mtep)
Общий чистый импорт топлива и энергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bangladesh | 1.05 | 1.02 | 1.79 | 2.16 | 3.05 | 3.45 | 4.58 | 4.52 | 4.67 |
| Brunei Darussalam | - 5.95 | - 13.04 | - 19.55 | - 13.82 | - 15.81 | - 17.30 | - 18.39 | - 19.06 | - 17.40 |
| Cambodia | .. | .. | .. | .. | 0.48 | 0.79 | 1.30 | 1.42 | 1.54 |
| Chinese Taipei | 7.26 | 10.45 | 24.53 | 41.84 | 59.67 | 79.31 | 95.66 | 98.35 | 101.58 |
| India | 14.89 | 17.22 | 23.58 | 31.66 | 53.42 | 91.48 | 122.14 | 134.08 | 150.03 |
| Indonesia | - 33.87 | - 50.84 | - 68.14 | - 66.62 | - 81.42 | - 83.98 | - 99.12 | - 127.48 | - 139.59 |
| DPR of Korea | 1.24 | 1.54 | 3.15 | 4.31 | 1.96 | 1.03 | - 0.59 | - 0.59 | - 1.31 |
| Malaysia | 1.29 | 0.18 | - 5.52 | - 26.85 | - 27.25 | - 28.65 | - 29.46 | - 25.23 | - 19.76 |
| Mongolia | .. | .. | .. | 0.70 | 0.48 | 0.47 | - 0.16 | - 0.22 | - 0.40 |
| Myanmar | 0.41 | 0.09 | 0.07 | 0.01 | 0.66 | - 2.91 | - 7.23 | - 7.38 | - 8.15 |
| Nepal | 0.06 | 0.12 | 0.17 | 0.31 | 0.61 | 1.03 | 1.04 | 1.07 | 1.10 |
| Pakistan | 2.92 | 3.20 | 4.75 | 9.25 | 13.06 | 17.26 | 15.58 | 18.26 | 20.22 |
| Philippines | 8.67 | 9.26 | 11.57 | 12.57 | 18.98 | 21.55 | 18.65 | 18.71 | 18.64 |
| Singapore | 6.63 | 12.25 | 8.00 | 24.52 | 32.60 | 40.91 | 51.10 | 53.21 | 54.03 |
| Sri Lanka | 1.36 | 1.69 | 1.65 | 1.70 | 2.36 | 3.83 | 4.26 | 4.22 | 4.37 |
| Thailand | 6.36 | 8.30 | 12.29 | 17.96 | 32.17 | 31.98 | 46.82 | 46.88 | 47.95 |
| Vietnam | 5.58 | 5.67 | 1.50 | - 0.17 | - 4.71 | - 9.77 | - 17.60 | - 18.74 | - 19.96 |
| Other Asia | - 0.01 | 0.08 | 1.16 | - 1.38 | - 1.93 | - 0.06 | - 0.74 | - 1.26 | - 0.23 |
| Asia | 17.91 | 7.20 | 1.01 | 38.16 | 88.37 | 150.42 | 187.84 | 180.76 | 197.33 |
| People's Rep. of China | - 2.35 | - 3.95 | - 20.61 | - 35.04 | - 13.10 | 27.87 | 100.12 | 135.88 | 166.75 |
| Hong Kong, China | 4.06 | 4.85 | 6.45 | 11.94 | 15.70 | 19.36 | 23.53 | 25.20 | 26.76 |
| China | 1.71 | 0.91 | - 14.17 | - 23.09 | 2.60 | 47.23 | 123.65 | 161.07 | 193.51 |
| Albania | - 0.71 | - 1.27 | - 0.38 | 0.17 | 0.09 | 0.82 | 1.21 | 1.03 | 1.26 |
| Bosnia and Herzegovina | .. | .. | .. | 2.43 | 0.72 | 1.26 | 1.38 | 1.43 | 1.65 |
| Bulgaria | 13.58 | 15.26 | 21.03 | 18.20 | 13.57 | 8.75 | 9.55 | 9.55 | 10.57 |
| Croatia | .. | .. | .. | 3.87 | 2.91 | 4.16 | 5.25 | 4.88 | 5.34 |
| Cyprus | 0.63 | 0.85 | 0.97 | 1.63 | 2.09 | 2.56 | 2.82 | 2.98 | 2.88 |
| Gibraltar | 0.21 | 0.23 | 0.17 | 0.50 | 0.95 | 1.14 | 1.28 | 1.32 | 1.36 |
| FYR of Macedonia | .. | .. | .. | 1.21 | 1.05 | 1.10 | 1.25 | 1.32 | 1.47 |
| Malta | 0.33 | 0.34 | 0.42 | 0.80 | 0.86 | 1.45 | 1.61 | 1.65 | 1.80 |
| Romania | - 0.65 | 1.62 | 12.64 | 21.92 | 14.19 | 7.84 | 10.29 | 11.34 | 12.09 |
| Serbia | .. | .. | .. | 6.09 | 1.43 | 1.91 | 5.56 | 6.04 | 6.05 |
| Slovenia | .. | .. | .. | 2.57 | 3.03 | 3.38 | 3.83 | 3.83 | 3.88 |
| Former Yugoslavia | 6.94 | 10.84 | 15.23 | x | x | x | x | x | x |
| Non-OECD Europe | 20.32 | 27.88 | 50.08 | 59.39 | 40.87 | 34.40 | 44.04 | 45.37 | 48.35 |
| Armenia | .. | .. | .. | 7.76 | 1.42 | 1.43 | 1.69 | 1.74 | 2.08 |
| Azerbaijan | .. | .. | .. | 4.74 | - 1.55 | - 7.44 | - 12.86 | - 24.20 | - 39.61 |
| Belarus | .. | .. | .. | 39.17 | 21.63 | 21.12 | 22.97 | 24.70 | 23.76 |
| Estonia | .. | .. | .. | 4.59 | 1.85 | 1.67 | 1.46 | 1.63 | 1.54 |
| Georgia | .. | .. | .. | 10.43 | 2.57 | 1.56 | 1.92 | 2.14 | 2.32 |
| Kazakhstan | .. | .. | .. | - 16.81 | - 11.23 | - 39.91 | - 65.04 | - 67.15 | - 69.74 |
| Kyrgyzstan | .. | .. | .. | 5.07 | 1.26 | 0.96 | 1.34 | 1.33 | 1.49 |
| Latvia | .. | .. | .. | 7.39 | 3.34 | 2.24 | 2.99 | 3.16 | 3.03 |
| Lithuania | .. | .. | .. | 11.68 | 5.63 | 4.25 | 4.96 | 5.35 | 5.73 |
| Republic of Moldova | .. | .. | .. | 9.89 | 4.40 | 2.81 | 3.46 | 3.29 | 3.29 |
| Russian Federation | .. | .. | .. | - 408.82 | - 313.45 | - 347.15 | - 533.86 | - 531.12 | - 544.40 |
| Tajikistan | .. | .. | .. | 3.55 | 1.72 | 1.59 | 1.96 | 2.18 | 2.32 |
| Turkmenistan | .. | .. | .. | - 55.23 | - 18.94 | - 31.46 | - 44.62 | - 43.77 | - 48.01 |
| Ukraine | .. | .. | .. | 120.69 | 82.36 | 57.62 | 59.74 | 56.20 | 59.61 |
| Uzbekistan | .. | .. | .. | 7.72 | - 4.00 | - 4.55 | - 9.51 | - 9.69 | - 11.34 |
| Former Soviet Union | - 106.72 | - 110.71 | - 211.61 | - 248.18 | - 222.98 | - 335.28 | - 563.38 | - 574.21 | - 607.94 |

A negative number shows net exports.

Total net imports of energy (Mtoe)
Importations nettes totales d'énergie (Mtep)
Gesamter Nettoimport von Energie (Mtoe)
Importazioni nette totali di energia (Mtep)
エネルギー純輸入量 (石油換算百万トン)
Importaciones netas totales de energia (Mtep)
Общий чистый импорт топлива и энергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Bahrain | - 8.07 | - 7.59 | - 8.38 | - 9.03 | - 8.88 | - 8.76 | - 8.12 | - 8.37 | - 8.09 |
| Islamic Republic of Iran | - 219.35 | - 286.28 | - 41.58 | - 110.46 | - 128.84 | - 121.50 | - 141.80 | - 134.30 | - 137.79 |
| Iraq | - 81.46 | - 97.13 | - 124.29 | - 85.75 | - 4.92 | - 109.31 | - 63.13 | - 65.73 | - 70.88 |
| Israel | 0.40 | 2.44 | 8.46 | 11.51 | 15.98 | 18.34 | 19.73 | 19.06 | 20.37 |
| Jordan | 0.62 | 0.69 | 1.78 | 3.51 | 4.14 | 4.84 | 6.99 | 6.91 | 7.33 |
| Kuwait | - 151.99 | - 146.84 | - 77.10 | - 42.45 | - 98.06 | - 93.16 | - 117.73 | - 124.98 | - 120.24 |
| Lebanon | 2.04 | 2.42 | 2.49 | 2.17 | 4.46 | 4.89 | 4.96 | 4.58 | 3.92 |
| Oman | - 13.77 | - 13.92 | - 13.58 | - 34.01 | - 42.27 | - 52.17 | - 47.88 | - 44.49 | - 41.63 |
| Qatar | - 21.04 | - 28.10 | - 23.03 | - 19.05 | - 19.88 | - 46.47 | - 67.74 | - 73.42 | - 79.99 |
| Saudi Arabia | - 223.94 | - 367.52 | - 496.90 | - 307.70 | - 376.53 | - 374.51 | - 433.95 | - 421.24 | - 396.05 |
| Syrian Arab Republic | - 2.54 | - 3.11 | - 4.06 | - 11.14 | - 18.71 | - 16.02 | - 10.13 | - 7.84 | - 4.47 |
| United Arab Emirates | - 51.77 | - 74.79 | - 81.06 | - 81.09 | - 95.97 | - 106.14 | - 108.51 | - 116.51 | - 108.94 |
| Yemen | 1.07 | 1.27 | 1.94 | - 6.42 | - 13.68 | - 17.07 | - 12.63 | - 10.07 | - 8.79 |
| Middle East | - 769.79 | - 1 018.47 | - 855.31 | - 689.90 | - 783.14 | - 917.05 | - 979.96 | - 976.39 | - 945.26 |
| Non-OECD Total | -1 207.74 | -1 463.78 | -1 317.92 | -1 224.51 | -1 307.17 | -1 548.34 | -1 826.08 | -1 814.12 | -1 738.18 |
| <i>European Union - 27</i> | .. | .. | .. | 747.50 | 731.80 | 822.18 | 981.24 | 1 006.92 | 983.47 |
| OECD North America | 164.46 | 266.72 | 245.75 | 214.17 | 246.69 | 407.25 | 521.58 | 512.34 | 502.03 |
| OECD Pacific | 266.03 | 326.42 | 337.19 | 384.31 | 455.85 | 469.04 | 466.80 | 473.27 | 473.01 |
| OECD Europe | 709.76 | 801.68 | 709.35 | 627.22 | 579.11 | 656.51 | 827.88 | 867.50 | 846.25 |
| OECD Total | 1 140.25 | 1 394.81 | 1 292.30 | 1 225.70 | 1 281.65 | 1 532.80 | 1 816.26 | 1 853.10 | 1 821.29 |
| World | - 67.49 | - 68.97 | - 25.62 | 1.20 | - 25.52 | - 15.53 | - 9.81 | 38.99 | 83.11 |

A negative number shows net exports.

The row World shows the discrepancy between total exports and total imports.

Primary supply of coal and peat (Mtoe)
Approvisionnement primaire en charbon et en tourbe (Mtep)

Primärenergieaufkommen von Kohle und Torf (Mtoe)

Disponibilità primaria di carbone e torba (Mtep)

石炭及び泥炭の一次供給量（石油換算百万トン）

Suministro primario de carbón y turba (Mtep)

Первичная поставка угля и торфа (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Algeria | 0.204 | 0.236 | 0.127 | 0.685 | 0.616 | 0.523 | 0.742 | 0.713 | 0.818 |
| Botswana | .. | .. | .. | 0.502 | 0.562 | 0.642 | 0.597 | 0.635 | 0.677 |
| DR of Congo | 0.212 | 0.209 | 0.210 | 0.222 | 0.244 | 0.212 | 0.255 | 0.266 | 0.280 |
| Egypt | 0.360 | 0.276 | 0.592 | 0.835 | 0.724 | 0.926 | 0.903 | 0.871 | 0.868 |
| Kenya | 0.052 | 0.045 | 0.011 | 0.093 | 0.060 | 0.041 | 0.055 | 0.074 | 0.068 |
| Morocco | 0.302 | 0.372 | 0.404 | 1.132 | 1.688 | 2.647 | 3.258 | 3.249 | 3.313 |
| Mozambique | 0.374 | 0.350 | 0.172 | 0.035 | 0.033 | - | - | - | 0.005 |
| Namibia | .. | .. | .. | .. | 0.009 | 0.002 | 0.011 | 0.035 | 0.042 |
| Nigeria | 0.131 | 0.183 | 0.096 | 0.039 | 0.012 | 0.002 | 0.005 | 0.005 | 0.005 |
| Senegal | - | - | - | - | - | - | 0.094 | 0.103 | 0.113 |
| South Africa | 32.099 | 33.842 | 47.682 | 66.539 | 78.133 | 82.000 | 91.938 | 93.595 | 97.100 |
| Sudan | - | - | 0.001 | - | - | - | - | - | - |
| United Rep. of Tanzania | - | - | 0.001 | 0.003 | 0.028 | 0.049 | 0.046 | 0.049 | 0.052 |
| Tunisia | 0.067 | 0.074 | 0.064 | 0.082 | 0.071 | 0.079 | - | - | - |
| Zambia | 0.508 | 0.555 | 0.365 | 0.221 | 0.087 | 0.076 | 0.095 | 0.101 | 0.107 |
| Zimbabwe | 1.630 | 1.724 | 1.632 | 3.436 | 2.891 | 2.572 | 2.230 | 2.122 | 1.992 |
| Other Africa | 0.128 | 0.140 | 0.184 | 0.282 | 0.276 | 0.434 | 0.465 | 0.552 | 0.579 |
| Africa | 36.066 | 38.005 | 51.538 | 74.107 | 85.435 | 90.202 | 100.694 | 102.371 | 106.019 |
| Argentina | 0.813 | 0.713 | 0.971 | 0.947 | 0.898 | 0.528 | 0.889 | 1.019 | 1.079 |
| Brazil | 2.190 | 2.293 | 5.915 | 9.670 | 11.819 | 12.973 | 12.960 | 12.792 | 13.553 |
| Chile | 1.321 | 1.199 | 1.221 | 2.468 | 2.297 | 3.019 | 2.701 | 3.292 | 3.318 |
| Colombia | 1.744 | 1.846 | 2.658 | 3.079 | 3.588 | 2.635 | 2.700 | 2.467 | 2.391 |
| Costa Rica | 0.001 | 0.001 | 0.001 | 0.001 | - | - | 0.021 | 0.043 | 0.084 |
| Cuba | 0.083 | 0.068 | 0.091 | 0.137 | 0.053 | 0.022 | 0.023 | 0.023 | 0.015 |
| Dominican Republic | - | - | - | 0.011 | 0.049 | 0.057 | 0.293 | 0.505 | 0.520 |
| El Salvador | - | - | 0.001 | - | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| Guatemala | - | - | 0.014 | - | - | 0.133 | 0.373 | 0.390 | 0.419 |
| Haiti | - | - | - | 0.007 | - | - | - | - | - |
| Honduras | - | - | - | 0.001 | 0.001 | 0.083 | 0.113 | 0.117 | 0.124 |
| Jamaica | - | - | - | 0.035 | 0.037 | 0.049 | 0.040 | 0.022 | 0.024 |
| Panama | 0.001 | 0.008 | - | 0.020 | 0.031 | 0.037 | - | - | - |
| Peru | 0.125 | 0.155 | 0.145 | 0.147 | 0.377 | 0.635 | 0.963 | 0.793 | 1.028 |
| Uruguay | 0.028 | 0.023 | 0.003 | 0.001 | - | 0.001 | 0.001 | 0.002 | 0.003 |
| Venezuela | 0.143 | 0.272 | 0.157 | 0.463 | 0.005 | 0.132 | 0.038 | 0.038 | 0.045 |
| Other Latin America | 0.023 | 0.028 | 0.017 | 0.001 | 0.001 | 0.001 | 0.002 | 0.003 | 0.003 |
| Latin America | 6.472 | 6.606 | 11.192 | 16.987 | 19.158 | 20.305 | 21.118 | 21.507 | 22.605 |
| Bangladesh | 0.094 | 0.122 | 0.124 | 0.281 | 0.321 | 0.330 | 0.350 | 0.350 | 0.350 |
| Chinese Taipei | 2.541 | 2.278 | 3.890 | 11.380 | 17.354 | 29.887 | 38.145 | 39.963 | 41.787 |
| India | 35.540 | 36.230 | 52.172 | 106.074 | 138.711 | 164.415 | 207.525 | 222.773 | 242.488 |
| Indonesia | 0.133 | 0.084 | 0.168 | 3.554 | 5.868 | 10.679 | 23.020 | 29.220 | 36.780 |
| DPR of Korea | 17.082 | 17.840 | 25.880 | 28.263 | 18.436 | 16.881 | 18.352 | 18.825 | 15.347 |
| Malaysia | 0.009 | 0.007 | 0.041 | 1.038 | 1.234 | 1.768 | 6.822 | 7.047 | 8.854 |
| Mongolia | .. | .. | .. | 2.489 | 2.228 | 1.817 | 1.918 | 2.155 | 2.185 |
| Myanmar | 0.142 | 0.048 | 0.153 | 0.067 | 0.016 | 0.040 | 0.114 | 0.127 | 0.133 |
| Nepal | 0.007 | 0.047 | 0.050 | 0.049 | 0.077 | 0.258 | 0.246 | 0.255 | 0.263 |
| Pakistan | 0.656 | 0.575 | 0.767 | 2.020 | 2.262 | 1.942 | 3.870 | 4.220 | 5.515 |
| Philippines | 0.029 | 0.025 | 0.370 | 1.373 | 1.766 | 5.046 | 5.647 | 5.817 | 6.329 |
| Singapore | 0.004 | 0.004 | 0.003 | 0.021 | 0.011 | - | 0.002 | 0.005 | 0.008 |
| Sri Lanka | 0.001 | 0.002 | 0.001 | 0.005 | 0.004 | 0.001 | 0.066 | 0.050 | 0.048 |
| Thailand | 0.114 | 0.096 | 0.471 | 3.819 | 6.890 | 7.673 | 11.503 | 12.499 | 14.225 |
| Vietnam | 1.433 | 1.552 | 2.275 | 2.223 | 3.325 | 4.373 | 8.126 | 9.045 | 9.890 |
| Other Asia | 1.002 | 0.897 | 1.851 | 0.187 | 0.136 | 0.348 | 0.408 | 0.422 | 0.478 |
| Asia | 58.785 | 59.806 | 88.216 | 162.842 | 198.640 | 245.456 | 326.113 | 352.771 | 384.682 |

Primary supply of coal and peat (Mtoe)
Approvisionnement primaire en charbon et en tourbe (Mtep)

Primärenergieaufkommen von Kohle und Torf (Mtoe)

Disponibilità primaria di carbone e torba (Mtep)

石炭及び泥炭の一次供給量（石油換算百万トン）

Suministro primario de carbón y turba (Mtep)

Первичная поставка угля и торфа (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| People's Rep. of China | 191.980 | 204.676 | 312.520 | 528.541 | 650.266 | 625.644 | 1 087.617 | 1 206.978 | 1 285.068 |
| Hong Kong, China | 0.025 | 0.010 | 0.006 | 5.503 | 5.614 | 3.733 | 6.670 | 7.027 | 7.556 |
| China | 192.005 | 204.686 | 312.526 | 534.044 | 655.880 | 629.377 | 1 094.287 | 1 214.004 | 1 292.624 |
| Albania | 0.299 | 0.354 | 0.608 | 0.630 | 0.019 | 0.017 | 0.025 | 0.025 | 0.025 |
| Bosnia and Herzegovina | .. | .. | .. | 4.178 | 0.348 | 2.462 | 3.030 | 3.366 | 3.508 |
| Bulgaria | 8.434 | 8.336 | 9.389 | 9.241 | 7.631 | 6.457 | 6.916 | 6.980 | 7.851 |
| Croatia | .. | .. | .. | 0.816 | 0.174 | 0.432 | 0.684 | 0.635 | 0.691 |
| Cyprus | - | - | - | 0.060 | 0.064 | 0.032 | 0.037 | 0.040 | 0.033 |
| FYR of Macedonia | .. | .. | .. | 1.328 | 1.426 | 1.338 | 1.500 | 1.414 | 1.446 |
| Malta | - | - | - | 0.185 | 0.032 | - | - | - | - |
| Romania | 7.135 | 8.683 | 12.557 | 12.930 | 10.788 | 7.447 | 8.699 | 9.437 | 9.718 |
| Serbia | .. | .. | .. | 9.805 | 8.630 | 8.230 | 7.309 | 7.907 | 7.870 |
| Slovenia | .. | .. | .. | 1.534 | 1.323 | 1.306 | 1.538 | 1.565 | 1.598 |
| Former Yugoslavia | 8.997 | 9.308 | 11.955 | x | x | x | x | x | x |
| Non-OECD Europe | 24.865 | 26.679 | 34.509 | 40.705 | 30.435 | 27.722 | 29.737 | 31.368 | 32.740 |
| Armenia | .. | .. | .. | 0.245 | 0.001 | - | - | 0.000 | 0.001 |
| Azerbaijan | .. | .. | .. | 0.089 | 0.003 | - | - | - | - |
| Belarus | .. | .. | .. | 2.384 | 1.431 | 0.962 | 0.605 | 0.575 | 0.550 |
| Estonia | .. | .. | .. | 5.798 | 3.060 | 2.734 | 3.198 | 3.039 | 3.729 |
| Georgia | .. | .. | .. | 0.587 | 0.020 | 0.012 | 0.008 | 0.007 | 0.021 |
| Kazakhstan | .. | .. | .. | 39.953 | 28.921 | 22.137 | 27.831 | 30.910 | 30.898 |
| Kyrgyzstan | .. | .. | .. | 2.530 | 0.325 | 0.487 | 0.553 | 0.515 | 0.536 |
| Latvia | .. | .. | .. | 0.637 | 0.251 | 0.126 | 0.082 | 0.087 | 0.106 |
| Lithuania | .. | .. | .. | 0.797 | 0.246 | 0.099 | 0.199 | 0.272 | 0.263 |
| Republic of Moldova | .. | .. | .. | 2.002 | 0.592 | 0.085 | 0.075 | 0.086 | 0.058 |
| Russian Federation | .. | .. | .. | 181.869 | 116.665 | 110.816 | 103.389 | 106.737 | 102.204 |
| Tajikistan | .. | .. | .. | 0.627 | 0.016 | 0.012 | 0.046 | 0.049 | 0.076 |
| Turkmenistan | .. | .. | .. | 0.297 | - | - | - | - | - |
| Ukraine | .. | .. | .. | 82.793 | 51.116 | 38.544 | 37.318 | 40.093 | 40.608 |
| Uzbekistan | .. | .. | .. | 3.386 | 1.067 | 0.884 | 1.026 | 1.068 | 1.120 |
| Former Soviet Union | 306.159 | 321.161 | 327.612 | 323.995 | 203.713 | 176.897 | 174.328 | 183.437 | 180.170 |
| Islamic Republic of Iran | 0.227 | 0.596 | 1.196 | 0.710 | 1.032 | 1.250 | 1.199 | 1.280 | 1.296 |
| Israel | 0.005 | 0.001 | 0.001 | 2.396 | 4.160 | 6.671 | 7.635 | 8.180 | 8.368 |
| Lebanon | 0.003 | 0.011 | 0.004 | - | 0.119 | 0.132 | 0.132 | 0.132 | 0.132 |
| Syrian Arab Republic | 0.005 | 0.003 | 0.003 | - | 0.001 | 0.003 | 0.003 | 0.003 | 0.003 |
| Middle East | 0.239 | 0.610 | 1.204 | 3.107 | 5.313 | 8.056 | 8.968 | 9.595 | 9.798 |
| Non-OECD Total | 624.591 | 657.553 | 826.797 | 1 155.786 | 1 198.572 | 1 198.015 | 1 755.244 | 1 915.053 | 2 028.637 |
| <i>European Union - 27</i> | .. | .. | .. | 454.587 | 364.518 | 321.087 | 317.086 | 324.634 | 330.071 |
| OECD North America | 296.761 | 328.149 | 399.823 | 486.113 | 508.752 | 582.100 | 596.411 | 587.641 | 593.321 |
| OECD Pacific | 84.521 | 89.838 | 101.379 | 137.063 | 148.135 | 185.060 | 215.630 | 220.615 | 227.162 |
| OECD Europe | 436.100 | 425.363 | 463.809 | 441.599 | 359.008 | 327.106 | 320.253 | 330.631 | 337.197 |
| OECD Total | 817.382 | 843.349 | 965.010 | 1 064.775 | 1 015.895 | 1 094.265 | 1 132.294 | 1 138.886 | 1 157.681 |
| World | 1 441.998 | 1 500.902 | 1 791.808 | 2 220.560 | 2 214.467 | 2 292.280 | 2 887.538 | 3 053.939 | 3 186.318 |

Primary supply of oil (Mtoe)
Approvisionnement primaire en pétrole (Mtep)
Primärenergieaufkommen von Öl (Mtoe)
Disponibilità primaria di petrolio (Mtep)
 石油の一次供給量 (石油換算百万トン)
Suministro primario de petróleo (Mtep)
Первичная поставка нефти и нефтепродуктов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 2.20 | 2.97 | 5.22 | 9.32 | 9.03 | 9.60 | 10.93 | 12.37 | 13.63 |
| Angola | 0.57 | 0.78 | 0.85 | 1.06 | 0.99 | 1.35 | 1.94 | 2.40 | 3.04 |
| Benin | 0.10 | 0.14 | 0.13 | 0.08 | 0.07 | 0.51 | 0.84 | 1.02 | 1.06 |
| Botswana | .. | .. | .. | 0.33 | 0.40 | 0.58 | 0.68 | 0.70 | 0.73 |
| Cameroon | 0.24 | 0.26 | 0.57 | 0.93 | 0.89 | 1.01 | 1.08 | 1.14 | 1.65 |
| Congo | 0.19 | 0.22 | 0.27 | 0.28 | 0.22 | 0.21 | 0.46 | 0.42 | 0.47 |
| DR of Congo | 0.61 | 0.68 | 0.68 | 1.10 | 0.71 | 0.40 | 0.47 | 0.47 | 0.49 |
| Côte d'Ivoire | 0.82 | 0.93 | 1.23 | 1.01 | 1.19 | 1.20 | 1.21 | 0.88 | 1.26 |
| Egypt | 6.26 | 6.53 | 11.35 | 22.35 | 22.12 | 23.98 | 28.53 | 29.36 | 31.19 |
| Eritrea | .. | .. | .. | .. | 0.27 | 0.20 | 0.26 | 0.18 | 0.19 |
| Ethiopia | 0.48 | 0.47 | 0.50 | 0.81 | 0.90 | 1.07 | 1.62 | 1.77 | 1.94 |
| Gabon | 0.51 | 0.54 | 0.75 | 0.29 | 0.34 | 0.37 | 0.54 | 0.54 | 0.60 |
| Ghana | 0.66 | 0.75 | 0.76 | 0.96 | 1.22 | 1.80 | 2.33 | 2.81 | 3.02 |
| Kenya | 1.26 | 1.42 | 1.86 | 2.10 | 2.22 | 3.25 | 3.29 | 3.74 | 3.51 |
| Libyan Arab Jamahiriya | 0.57 | 1.65 | 4.29 | 7.16 | 11.71 | 12.29 | 12.58 | 12.21 | 12.37 |
| Morocco | 1.83 | 2.31 | 4.02 | 5.34 | 6.42 | 6.85 | 8.81 | 8.85 | 9.62 |
| Mozambique | 0.55 | 0.54 | 0.57 | 0.29 | 0.32 | 0.49 | 0.50 | 0.52 | 0.64 |
| Namibia | .. | .. | .. | .. | 0.60 | 0.63 | 0.94 | 0.96 | 1.02 |
| Nigeria | 1.68 | 2.55 | 7.93 | 10.32 | 10.41 | 9.89 | 14.16 | 11.54 | 9.98 |
| Senegal | 0.42 | 0.48 | 0.68 | 0.72 | 0.80 | 1.21 | 1.43 | 1.42 | 1.30 |
| South Africa | 8.34 | 9.82 | 10.27 | 10.22 | 10.91 | 10.75 | 14.85 | 15.62 | 17.00 |
| Sudan | 1.36 | 1.45 | 1.28 | 1.85 | 1.58 | 2.35 | 3.98 | 3.54 | 3.86 |
| United Rep. of Tanzania | 0.70 | 0.78 | 0.72 | 0.67 | 0.96 | 0.69 | 1.37 | 1.47 | 1.38 |
| Togo | 0.11 | 0.10 | 0.13 | 0.19 | 0.20 | 0.31 | 0.33 | 0.29 | 0.32 |
| Tunisia | 1.17 | 1.27 | 2.35 | 2.99 | 3.05 | 3.55 | 4.00 | 3.91 | 3.97 |
| Zambia | 0.49 | 0.67 | 0.66 | 0.62 | 0.59 | 0.48 | 0.62 | 0.65 | 0.69 |
| Zimbabwe | 0.53 | 0.66 | 0.60 | 0.73 | 1.40 | 1.01 | 0.69 | 0.67 | 0.64 |
| Other Africa | 2.32 | 2.53 | 3.60 | 4.73 | 5.47 | 5.69 | 6.79 | 6.96 | 7.30 |
| Africa | 33.96 | 40.49 | 61.24 | 86.46 | 94.96 | 101.71 | 125.23 | 126.42 | 132.87 |
| Argentina | 24.80 | 25.33 | 26.35 | 21.07 | 22.82 | 23.47 | 22.95 | 27.07 | 26.99 |
| Bolivia | 0.70 | 0.81 | 1.37 | 1.29 | 1.96 | 2.72 | 2.47 | 2.23 | 2.77 |
| Brazil | 28.02 | 38.01 | 55.67 | 58.32 | 71.29 | 89.17 | 87.53 | 88.83 | 92.62 |
| Chile | 4.94 | 4.97 | 5.07 | 6.77 | 10.33 | 11.95 | 13.31 | 13.72 | 17.26 |
| Colombia | 5.93 | 6.54 | 7.52 | 9.87 | 11.97 | 11.54 | 11.77 | 13.00 | 12.33 |
| Costa Rica | 0.46 | 0.56 | 0.74 | 0.93 | 1.45 | 1.63 | 1.76 | 1.98 | 2.16 |
| Cuba | 7.17 | 8.34 | 10.71 | 10.45 | 7.17 | 7.68 | 7.26 | 7.56 | 7.58 |
| Dominican Republic | 1.13 | 1.66 | 2.11 | 3.06 | 4.41 | 6.25 | 5.59 | 5.42 | 5.47 |
| Ecuador | 1.10 | 1.27 | 3.94 | 4.52 | 5.35 | 6.43 | 8.24 | 9.01 | 9.57 |
| El Salvador | 0.50 | 0.65 | 0.61 | 0.78 | 1.57 | 1.78 | 1.97 | 1.99 | 2.04 |
| Guatemala | 0.81 | 0.92 | 1.42 | 1.24 | 2.00 | 2.93 | 3.20 | 3.21 | 3.39 |
| Haiti | 0.13 | 0.12 | 0.21 | 0.30 | 0.30 | 0.47 | 0.66 | 0.68 | 0.77 |
| Honduras | 0.38 | 0.42 | 0.56 | 0.71 | 1.16 | 1.37 | 2.13 | 1.95 | 2.50 |
| Jamaica | 1.73 | 2.67 | 2.05 | 2.27 | 2.69 | 3.21 | 3.16 | 3.81 | 4.43 |
| Netherlands Antilles | 5.47 | 5.98 | 3.93 | 1.46 | 1.31 | 1.98 | 1.95 | 1.92 | 2.18 |
| Nicaragua | 0.50 | 0.59 | 0.63 | 0.59 | 0.84 | 1.16 | 1.36 | 1.33 | 1.41 |
| Panama | 1.33 | 1.68 | 0.88 | 0.85 | 1.35 | 1.78 | 1.88 | 2.15 | 2.14 |
| Paraguay | 0.20 | 0.25 | 0.48 | 0.66 | 1.16 | 1.09 | 1.15 | 1.19 | 1.23 |
| Peru | 4.88 | 5.14 | 6.63 | 5.61 | 6.78 | 7.42 | 7.18 | 6.49 | 6.47 |
| Trinidad and Tobago | 1.00 | 1.03 | 1.36 | 1.23 | 1.24 | 1.53 | 1.71 | 1.65 | 1.79 |
| Uruguay | 1.87 | 1.82 | 1.97 | 1.32 | 1.56 | 1.98 | 1.79 | 2.06 | 1.88 |
| Venezuela | 9.61 | 9.23 | 19.67 | 18.65 | 21.65 | 23.26 | 29.57 | 29.90 | 33.12 |
| Other Latin America | 4.13 | 5.13 | 5.22 | 4.13 | 4.43 | 4.69 | 5.64 | 5.74 | 6.10 |
| Latin America | 106.76 | 123.11 | 159.06 | 156.07 | 184.81 | 215.49 | 224.24 | 232.86 | 246.21 |

Starting with this edition, international aviation bunkers are no longer included in the transport sector at the country level. They are subtracted out of supply in the same way as international marine bunkers. Time series for countries' supply may have significantly decreased compared to last year's edition.

Primary supply of oil (Mtoe)
Approvisionnement primaire en pétrole (Mtep)
Primärenergieaufkommen von Öl (Mtoe)
Disponibilità primaria di petrolio (Mtep)
 石油の一次供給量 (石油換算百万トン)
Suministro primario de petróleo (Mtep)
Первичная поставка нефти и нефтепродуктов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bangladesh | 0.81 | 0.92 | 1.53 | 1.79 | 2.84 | 3.20 | 4.33 | 4.05 | 4.23 |
| Brunei Darussalam | 0.06 | 0.06 | 0.18 | 0.08 | 0.30 | 0.60 | 0.70 | 0.68 | 0.73 |
| Cambodia | .. | .. | .. | .. | 0.47 | 0.78 | 1.27 | 1.39 | 1.50 |
| Chinese Taipei | 6.29 | 9.32 | 20.07 | 25.86 | 33.15 | 38.09 | 43.89 | 43.31 | 45.84 |
| India | 21.59 | 24.03 | 32.85 | 60.91 | 81.81 | 112.00 | 124.72 | 131.10 | 140.75 |
| Indonesia | 8.28 | 10.74 | 20.77 | 33.90 | 44.77 | 53.99 | 63.84 | 59.10 | 60.08 |
| DPR of Korea | 0.86 | 1.21 | 2.71 | 2.66 | 1.32 | 1.02 | 0.93 | 0.71 | 0.85 |
| Malaysia | 4.47 | 4.40 | 8.10 | 12.37 | 21.88 | 20.62 | 23.53 | 22.65 | 25.83 |
| Mongolia | .. | .. | .. | 0.82 | 0.35 | 0.43 | 0.56 | 0.63 | 0.78 |
| Myanmar | 1.29 | 1.03 | 1.31 | 0.71 | 1.26 | 1.93 | 1.96 | 1.74 | 1.77 |
| Nepal | 0.05 | 0.07 | 0.11 | 0.24 | 0.50 | 0.71 | 0.72 | 0.74 | 0.76 |
| Pakistan | 3.05 | 3.15 | 4.34 | 10.49 | 14.61 | 18.52 | 15.93 | 18.24 | 19.69 |
| Philippines | 8.11 | 9.33 | 10.70 | 11.23 | 17.22 | 16.55 | 14.30 | 13.47 | 13.43 |
| Singapore | 2.72 | 3.75 | 5.13 | 11.43 | 17.36 | 18.15 | 21.75 | 20.69 | 19.99 |
| Sri Lanka | 0.99 | 1.28 | 1.32 | 1.33 | 1.93 | 3.58 | 4.01 | 3.90 | 4.18 |
| Thailand | 5.80 | 7.42 | 10.71 | 17.94 | 31.82 | 31.75 | 42.15 | 42.32 | 41.92 |
| Vietnam | 3.48 | 3.71 | 1.85 | 2.74 | 4.66 | 7.95 | 12.19 | 12.28 | 13.33 |
| Other Asia | 1.25 | 1.68 | 2.83 | 2.88 | 3.12 | 2.82 | 3.83 | 3.83 | 4.41 |
| Asia | 69.11 | 82.11 | 124.51 | 197.39 | 279.37 | 332.70 | 380.62 | 380.82 | 400.08 |
| People's Rep. of China | 39.78 | 52.63 | 89.07 | 110.24 | 157.19 | 220.69 | 316.29 | 341.53 | 354.99 |
| Hong Kong, China | 2.93 | 3.11 | 4.65 | 3.38 | 4.46 | 6.09 | 3.64 | 3.33 | 3.30 |
| China | 42.71 | 55.74 | 93.72 | 113.62 | 161.65 | 226.78 | 319.93 | 344.86 | 358.29 |
| Albania | 0.86 | 0.77 | 1.54 | 1.20 | 0.61 | 1.00 | 1.55 | 1.39 | 1.43 |
| Bosnia and Herzegovina | .. | .. | .. | 2.02 | 0.58 | 1.17 | 1.13 | 1.21 | 1.27 |
| Bulgaria | 9.87 | 11.26 | 13.37 | 9.46 | 5.99 | 4.13 | 4.79 | 4.93 | 4.89 |
| Croatia | .. | .. | .. | 4.78 | 3.92 | 3.93 | 4.50 | 4.59 | 4.69 |
| Cyprus | 0.58 | 0.77 | 0.86 | 1.29 | 1.64 | 2.06 | 2.13 | 2.21 | 2.32 |
| Gibraltar | 0.03 | 0.03 | 0.04 | 0.06 | 0.11 | 0.13 | 0.14 | 0.15 | 0.15 |
| FYR of Macedonia | .. | .. | .. | 1.10 | 0.79 | 0.94 | 0.91 | 0.96 | 1.04 |
| Malta | 0.21 | 0.26 | 0.32 | 0.51 | 0.68 | 0.68 | 0.86 | 0.82 | 0.87 |
| Romania | 11.21 | 13.30 | 18.22 | 18.10 | 13.07 | 9.56 | 9.42 | 10.01 | 9.53 |
| Serbia | .. | .. | .. | 5.15 | 1.86 | 1.46 | 4.12 | 4.15 | 4.27 |
| Slovenia | .. | .. | .. | 1.73 | 2.29 | 2.37 | 2.54 | 2.62 | 2.56 |
| Former Yugoslavia | 8.96 | 10.38 | 15.74 | x | x | x | x | x | x |
| Non-OECD Europe | 31.73 | 36.76 | 50.08 | 45.39 | 31.54 | 27.42 | 32.08 | 33.05 | 33.02 |
| Armenia | .. | .. | .. | 3.64 | 0.24 | 0.29 | 0.37 | 0.35 | 0.37 |
| Azerbaijan | .. | .. | .. | 11.57 | 6.76 | 6.26 | 4.89 | 4.34 | 4.01 |
| Belarus | .. | .. | .. | 26.39 | 10.87 | 7.89 | 7.71 | 9.00 | 8.31 |
| Estonia | .. | .. | .. | 2.96 | 0.88 | 0.68 | 0.73 | 0.71 | 0.71 |
| Georgia | .. | .. | .. | 5.58 | 1.56 | 0.73 | 0.76 | 0.75 | 0.95 |
| Kazakhstan | .. | .. | .. | 19.87 | 11.52 | 8.35 | 9.95 | 10.96 | 11.19 |
| Kyrgyzstan | .. | .. | .. | 3.04 | 0.54 | 0.44 | 0.62 | 0.59 | 0.69 |
| Latvia | .. | .. | .. | 3.41 | 1.87 | 1.15 | 1.31 | 1.41 | 1.53 |
| Lithuania | .. | .. | .. | 6.76 | 3.01 | 2.06 | 2.52 | 2.53 | 2.58 |
| Republic of Moldova | .. | .. | .. | 4.79 | 1.02 | 0.43 | 0.66 | 0.65 | 0.64 |
| Russian Federation | .. | .. | .. | 263.78 | 142.72 | 126.11 | 129.20 | 133.80 | 132.39 |
| Tajikistan | .. | .. | .. | 2.04 | 1.21 | 0.89 | 1.44 | 1.62 | 1.80 |
| Turkmenistan | .. | .. | .. | 7.45 | 2.87 | 3.68 | 4.37 | 4.30 | 4.80 |
| Ukraine | .. | .. | .. | 58.47 | 24.99 | 11.94 | 14.38 | 14.46 | 15.53 |
| Uzbekistan | .. | .. | .. | 10.11 | 6.98 | 7.33 | 5.66 | 5.28 | 5.12 |
| Former Soviet Union | 253.57 | 298.98 | 414.32 | 429.88 | 217.03 | 178.22 | 184.57 | 190.73 | 190.63 |

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Primary supply of oil (Mtoe)
Approvisionnement primaire en pétrole (Mtep)
Primärenergieaufkommen von Öl (Mtoe)
Disponibilità primaria di petrolio (Mtep)
 石油の一次供給量 (石油換算百万トン)
Suministro primario de petróleo (Mtep)
Первичная поставка нефти и нефтепродуктов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bahrain | 0.65 | 0.69 | 0.38 | 0.80 | 0.97 | 0.89 | 1.26 | 1.49 | 1.49 |
| Islamic Republic of Iran | 13.57 | 16.35 | 32.49 | 48.93 | 55.95 | 63.33 | 75.07 | 80.57 | 82.50 |
| Iraq | 3.63 | 4.13 | 9.40 | 16.22 | 23.30 | 22.73 | 31.74 | 32.91 | 31.71 |
| Israel | 5.63 | 7.72 | 7.70 | 8.84 | 11.08 | 11.29 | 10.89 | 10.51 | 11.16 |
| Jordan | 0.48 | 0.60 | 1.50 | 3.10 | 4.01 | 4.64 | 5.14 | 4.70 | 4.68 |
| Kuwait | 1.57 | 4.77 | 9.20 | 2.75 | 8.34 | 12.39 | 18.11 | 15.01 | 15.77 |
| Lebanon | 1.53 | 2.05 | 2.14 | 2.10 | 3.99 | 4.50 | 5.02 | 4.24 | 3.57 |
| Oman | 0.08 | 0.10 | 0.55 | 1.81 | 2.68 | 3.03 | 4.21 | 4.47 | 4.97 |
| Qatar | 0.10 | 0.14 | 0.63 | 1.33 | 1.34 | 2.00 | 3.83 | 4.06 | 5.59 |
| Saudi Arabia | 6.40 | 5.97 | 22.44 | 37.59 | 59.40 | 70.67 | 87.66 | 91.57 | 95.22 |
| Syrian Arab Republic | 2.63 | 2.33 | 4.84 | 9.78 | 11.58 | 12.20 | 12.25 | 13.10 | 14.30 |
| United Arab Emirates | 0.14 | 0.26 | 3.03 | 5.70 | 6.46 | 6.21 | 8.92 | 9.30 | 9.83 |
| Yemen | 0.69 | 0.92 | 1.21 | 2.44 | 3.34 | 4.66 | 6.50 | 6.78 | 7.14 |
| Middle East | 37.09 | 46.01 | 95.52 | 141.39 | 192.44 | 218.54 | 270.61 | 278.72 | 287.91 |
| Non-OECD Total | 574.92 | 683.21 | 998.46 | 1 170.19 | 1 161.79 | 1 300.86 | 1 537.27 | 1 587.46 | 1 649.00 |
| <i>European Union - 27</i> | .. | .. | .. | 602.59 | 619.78 | 618.62 | 630.78 | 625.34 | 607.36 |
| OECD North America | 819.40 | 929.35 | 949.90 | 913.52 | 943.75 | 1 046.91 | 1 132.42 | 1 113.42 | 1 109.07 |
| OECD Pacific | 237.09 | 292.99 | 294.41 | 334.86 | 395.82 | 397.31 | 377.23 | 367.16 | 367.38 |
| OECD Europe | 640.44 | 732.41 | 688.42 | 602.71 | 638.41 | 647.01 | 657.12 | 653.43 | 633.90 |
| OECD Total | 1 696.93 | 1 954.76 | 1 932.73 | 1 851.09 | 1 977.98 | 2 091.23 | 2 166.77 | 2 134.01 | 2 110.35 |
| World marine bunkers | 107.96 | 119.45 | 107.89 | 112.46 | 126.56 | 146.68 | 172.71 | 182.35 | 191.64 |
| World aviation bunkers | 56.86 | 62.65 | 67.69 | 85.59 | 95.99 | 116.10 | 131.98 | 135.04 | 138.90 |
| World | 2 436.67 | 2 820.07 | 3 106.76 | 3 219.32 | 3 362.32 | 3 654.86 | 4 008.73 | 4 038.85 | 4 089.89 |

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Primary supply of gas (Mtoe)
Approvisionnement primaire en gaz (Mtep)

Primärenergieaufkommen von Gas (Mtoe)

Disponibilità primaria di gas (Mtep)

ガスの一次供給量 (石油換算百万トン)

Suministro primario de gas natural (Mtep)

Первичная поставка газа (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|
| Algeria | 1.03 | 1.55 | 5.83 | 12.17 | 14.43 | 16.84 | 20.52 | 21.54 | 22.32 |
| Angola | 0.04 | 0.05 | 0.06 | 0.44 | 0.46 | 0.47 | 0.61 | 0.65 | 0.57 |
| Cameroon | - | - | - | - | - | - | - | - | 0.35 |
| Congo | 0.00 | 0.00 | - | - | - | - | 0.02 | 0.02 | 0.02 |
| Côte d'Ivoire | - | - | - | - | 0.04 | 1.27 | 1.25 | 1.23 | 1.01 |
| Egypt | 0.07 | 0.07 | 1.59 | 6.73 | 10.28 | 17.79 | 28.90 | 31.00 | 32.35 |
| Gabon | 0.08 | 0.40 | 0.01 | 0.09 | 0.11 | 0.10 | 0.10 | 0.11 | 0.13 |
| Libyan Arab Jamahiriya | 0.90 | 0.84 | 2.48 | 4.05 | 3.96 | 4.15 | 4.82 | 5.26 | 5.29 |
| Morocco | 0.04 | 0.06 | 0.06 | 0.04 | 0.01 | 0.04 | 0.37 | 0.47 | 0.54 |
| Mozambique | - | - | - | - | 0.00 | 0.00 | 0.02 | 0.03 | 0.09 |
| Nigeria | 0.17 | 0.35 | 1.24 | 3.27 | 4.40 | 5.97 | 8.30 | 9.00 | 10.59 |
| Senegal | - | - | - | 0.01 | 0.05 | 0.00 | 0.01 | 0.01 | 0.01 |
| South Africa | - | - | - | 1.50 | 1.71 | 1.40 | 3.63 | 3.75 | 3.77 |
| United Rep. of Tanzania | - | - | - | - | - | - | 0.33 | 0.41 | 0.45 |
| Tunisia | 0.00 | 0.11 | 0.35 | 1.23 | 1.92 | 2.73 | 3.09 | 3.44 | 3.65 |
| Other Africa | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 1.06 | 1.16 |
| Africa | 2.33 | 3.44 | 11.62 | 29.54 | 37.38 | 50.76 | 72.40 | 77.99 | 82.28 |
| Argentina | 5.65 | 7.20 | 10.43 | 18.83 | 23.24 | 29.80 | 31.96 | 32.20 | 37.29 |
| Bolivia | 0.06 | 0.09 | 0.24 | 0.63 | 1.07 | 1.33 | 1.37 | 1.61 | 1.68 |
| Brazil | 0.11 | 0.16 | 0.82 | 3.24 | 4.14 | 7.78 | 16.72 | 17.50 | 17.77 |
| Chile | 0.64 | 0.53 | 0.72 | 1.14 | 1.14 | 5.21 | 6.78 | 6.26 | 3.35 |
| Colombia | 1.12 | 1.41 | 2.39 | 3.37 | 3.62 | 5.46 | 6.12 | 6.13 | 6.06 |
| Cuba | 0.00 | 0.01 | 0.02 | 0.03 | 0.01 | 0.47 | 0.61 | 0.89 | 0.99 |
| Dominican Republic | - | - | - | - | - | - | 0.23 | 0.28 | 0.37 |
| Ecuador | 0.06 | 0.05 | 0.04 | 0.22 | 0.28 | 0.28 | 0.39 | 0.64 | 0.66 |
| Peru | 0.31 | 0.30 | 0.45 | 0.41 | 0.38 | 0.44 | 1.46 | 1.67 | 2.34 |
| Trinidad and Tobago | 1.60 | 1.59 | 2.44 | 4.70 | 5.03 | 8.24 | 10.94 | 12.54 | 13.48 |
| Uruguay | - | - | - | - | - | 0.03 | 0.09 | 0.10 | 0.09 |
| Venezuela | 8.92 | 10.75 | 13.97 | 20.75 | 24.97 | 27.07 | 22.73 | 23.39 | 22.80 |
| Other Latin America | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 0.32 | 0.63 | 0.61 | 0.61 |
| Latin America | 18.47 | 22.09 | 31.52 | 53.34 | 63.91 | 86.42 | 100.02 | 103.82 | 107.47 |
| Bangladesh | 0.31 | 0.50 | 1.04 | 3.72 | 5.49 | 7.37 | 10.81 | 11.67 | 12.47 |
| Brunei Darussalam | 0.10 | 0.27 | 1.16 | 1.68 | 2.01 | 1.85 | 1.84 | 2.05 | 2.04 |
| Chinese Taipei | 0.91 | 1.22 | 1.59 | 1.86 | 3.64 | 6.03 | 8.57 | 9.55 | 9.88 |
| India | 0.57 | 0.60 | 1.19 | 9.83 | 16.26 | 20.99 | 29.66 | 31.39 | 33.37 |
| Indonesia | 0.24 | 0.33 | 4.95 | 18.50 | 29.47 | 31.28 | 30.62 | 33.39 | 34.39 |
| Malaysia | 0.07 | 0.10 | 2.24 | 6.80 | 12.35 | 24.13 | 31.86 | 33.76 | 34.65 |
| Myanmar | 0.06 | 0.09 | 0.29 | 0.76 | 1.22 | 1.20 | 3.46 | 3.05 | 3.06 |
| Pakistan | 2.36 | 2.86 | 5.02 | 10.08 | 13.16 | 16.67 | 25.20 | 25.09 | 26.53 |
| Philippines | - | - | - | - | 0.00 | 0.01 | 2.70 | 2.53 | 3.03 |
| Singapore | - | - | - | - | 1.48 | 1.18 | 5.93 | 6.42 | 6.76 |
| Thailand | - | - | - | 5.10 | 8.86 | 17.51 | 25.92 | 26.68 | 28.30 |
| Vietnam | - | - | - | 0.00 | 0.19 | 1.12 | 4.91 | 5.11 | 5.46 |
| Other Asia | 0.19 | 0.15 | 0.09 | 0.24 | 0.22 | 0.20 | 0.22 | 0.24 | 0.27 |
| Asia | 4.81 | 6.11 | 17.56 | 58.57 | 94.34 | 129.54 | 181.70 | 190.94 | 200.22 |
| People's Rep. of China | 3.13 | 5.01 | 11.96 | 12.80 | 14.99 | 20.75 | 40.14 | 47.36 | 59.12 |
| Hong Kong, China | - | - | - | - | 0.03 | 2.45 | 2.19 | 2.40 | 2.24 |
| China | 3.13 | 5.01 | 11.96 | 12.80 | 15.02 | 23.20 | 42.33 | 49.76 | 61.36 |

Primary supply of gas (Mtoe)
Approvisionnement primaire en gaz (Mtep)

Primärenergieaufkommen von Gas (Mtoe)

Disponibilità primaria di gas (Mtep)

ガスの一次供給量 (石油換算百万トン)

Suministro primario de gas natural (Mtep)

Первичная поставка газа (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Albania | 0.11 | 0.16 | 0.32 | 0.20 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 |
| Bosnia and Herzegovina | .. | .. | .. | 0.39 | 0.12 | 0.20 | 0.30 | 0.32 | 0.35 |
| Bulgaria | 0.25 | 0.17 | 3.18 | 5.39 | 4.58 | 2.93 | 2.80 | 2.90 | 3.01 |
| Croatia | .. | .. | .. | 2.19 | 1.93 | 2.21 | 2.38 | 2.35 | 2.70 |
| FYR of Macedonia | .. | .. | .. | - | - | 0.05 | 0.06 | 0.07 | 0.09 |
| Romania | 22.28 | 24.14 | 32.37 | 28.83 | 19.23 | 13.68 | 13.94 | 14.43 | 12.98 |
| Serbia | .. | .. | .. | 2.59 | 1.35 | 1.53 | 1.94 | 1.99 | 1.96 |
| Slovenia | .. | .. | .. | 0.76 | 0.75 | 0.83 | 0.93 | 0.90 | 0.91 |
| Former Yugoslavia | 1.00 | 1.33 | 2.97 | x | x | x | x | x | x |
| Non-OECD Europe | 23.63 | 25.80 | 38.84 | 40.36 | 27.99 | 21.44 | 22.36 | 22.98 | 22.01 |
| Armenia | .. | .. | .. | 3.59 | 1.14 | 1.12 | 1.34 | 1.37 | 1.64 |
| Azerbaijan | .. | .. | .. | 14.25 | 5.81 | 5.00 | 8.10 | 8.94 | 7.71 |
| Belarus | .. | .. | .. | 12.54 | 11.49 | 14.26 | 16.94 | 17.25 | 17.35 |
| Estonia | .. | .. | .. | 1.22 | 0.58 | 0.66 | 0.80 | 0.81 | 0.80 |
| Georgia | .. | .. | .. | 4.55 | 0.96 | 0.95 | 1.08 | 1.38 | 1.39 |
| Kazakhstan | .. | .. | .. | 10.68 | 10.11 | 8.85 | 17.59 | 20.79 | 23.63 |
| Kyrgyzstan | .. | .. | .. | 1.52 | 0.74 | 0.57 | 0.62 | 0.64 | 0.69 |
| Latvia | .. | .. | .. | 2.38 | 1.01 | 1.09 | 1.36 | 1.41 | 1.36 |
| Lithuania | .. | .. | .. | 4.68 | 2.03 | 2.06 | 2.48 | 2.45 | 2.89 |
| Republic of Moldova | .. | .. | .. | 3.27 | 2.56 | 2.12 | 2.45 | 2.26 | 2.31 |
| Russian Federation | .. | .. | .. | 367.30 | 316.54 | 318.92 | 349.57 | 358.61 | 365.96 |
| Tajikistan | .. | .. | .. | 1.39 | 0.51 | 0.63 | 0.54 | 0.54 | 0.54 |
| Turkmenistan | .. | .. | .. | 12.25 | 11.20 | 10.90 | 12.26 | 12.31 | 13.40 |
| Ukraine | .. | .. | .. | 91.83 | 68.46 | 62.25 | 67.44 | 58.23 | 56.14 |
| Uzbekistan | .. | .. | .. | 32.48 | 34.10 | 41.55 | 39.79 | 41.57 | 41.90 |
| Former Soviet Union | 176.60 | 196.20 | 315.91 | 563.93 | 467.26 | 470.92 | 522.34 | 528.56 | 537.72 |
| Bahrain | 0.76 | 1.34 | 2.43 | 3.55 | 3.96 | 4.97 | 6.24 | 6.79 | 7.28 |
| Islamic Republic of Iran | 2.35 | 3.22 | 3.66 | 17.48 | 35.70 | 52.22 | 80.10 | 87.86 | 98.71 |
| Iraq | 0.76 | 0.99 | 1.05 | 1.62 | 2.59 | 2.57 | 1.18 | 1.18 | 1.19 |
| Israel | 0.10 | 0.05 | 0.13 | 0.03 | 0.02 | 0.01 | 1.35 | 1.88 | 1.86 |
| Jordan | - | - | - | 0.10 | 0.22 | 0.21 | 1.38 | 2.00 | 2.41 |
| Kuwait | 4.25 | 4.96 | 5.63 | 5.06 | 7.70 | 7.64 | 9.43 | 9.69 | 9.43 |
| Oman | - | - | 0.31 | 2.44 | 3.44 | 5.67 | 8.61 | 10.40 | 10.51 |
| Qatar | 0.82 | 1.29 | 2.84 | 5.56 | 7.34 | 9.47 | 12.56 | 14.33 | 16.60 |
| Saudi Arabia | 1.15 | 1.54 | 9.15 | 21.65 | 27.53 | 34.20 | 51.08 | 53.62 | 55.10 |
| Syrian Arab Republic | - | - | 0.04 | 1.37 | 2.24 | 4.94 | 4.94 | 5.10 | 5.02 |
| United Arab Emirates | 0.88 | 1.05 | 4.12 | 14.17 | 20.77 | 27.46 | 34.17 | 36.07 | 41.79 |
| Middle East | 11.07 | 14.43 | 29.37 | 73.03 | 111.50 | 149.36 | 211.04 | 228.93 | 249.91 |
| Non-OECD Total | 240.05 | 273.07 | 456.78 | 831.57 | 817.40 | 931.65 | 1 152.19 | 1 202.98 | 1 260.96 |
| <i>European Union - 27</i> | .. | .. | .. | 294.79 | 333.17 | 393.30 | 445.82 | 437.81 | 432.21 |
| OECD North America | 556.87 | 562.28 | 541.47 | 516.08 | 599.74 | 655.33 | 631.87 | 630.18 | 667.98 |
| OECD Pacific | 5.21 | 8.74 | 29.65 | 65.57 | 82.11 | 106.98 | 124.17 | 132.86 | 143.20 |
| OECD Europe | 92.81 | 134.81 | 206.12 | 257.98 | 316.43 | 390.75 | 454.85 | 449.75 | 447.73 |
| OECD Total | 654.89 | 705.83 | 777.24 | 839.63 | 998.28 | 1 153.06 | 1 210.88 | 1 212.79 | 1 258.91 |
| World | 894.93 | 978.90 | 1 234.02 | 1 671.20 | 1 815.69 | 2 084.71 | 2 363.08 | 2 415.77 | 2 519.87 |

Primary supply of combustible renewables and waste (Mtoe)
Approvisionnement primaire en énergies renouvel. combustibles et en déchets (Mtep)

Primärenergieaufkommen an erneuerbaren Brennstoffen und Abfällen (Mtoe)

Disponibilità primaria di combustibili rinnovabili e rifiuti (Mtep)

可燃性再生可能エネルギー及び廃棄物の一次供給量 (石油換算百万トン)

Suministro primario de combustibles renovables y desechos (Mtep)

Первичная поставка возобновляемых видов топлива и отходов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 0.01 | 0.01 | 0.01 | 0.02 | 0.05 | 0.08 | 0.08 | 0.07 | 0.08 |
| Angola | 3.19 | 3.23 | 3.60 | 4.32 | 4.86 | 5.52 | 6.38 | 6.56 | 6.74 |
| Benin | 1.00 | 1.04 | 1.21 | 1.56 | 1.76 | 1.45 | 1.67 | 1.72 | 1.77 |
| Botswana | .. | .. | .. | 0.42 | 0.51 | 0.54 | 0.46 | 0.46 | 0.47 |
| Cameroon | 2.36 | 2.46 | 2.97 | 3.82 | 4.37 | 4.98 | 5.58 | 5.25 | 4.97 |
| Congo | 0.31 | 0.33 | 0.38 | 0.47 | 0.52 | 0.59 | 0.67 | 0.69 | 0.71 |
| DR of Congo | 5.57 | 5.88 | 7.22 | 10.00 | 11.73 | 13.61 | 15.79 | 16.30 | 16.78 |
| Côte d'Ivoire | 1.63 | 1.74 | 2.23 | 3.18 | 3.70 | 4.22 | 7.17 | 7.39 | 7.62 |
| Egypt | 0.65 | 0.68 | 0.79 | 1.06 | 1.19 | 1.31 | 1.43 | 1.46 | 1.48 |
| Eritrea | .. | .. | .. | .. | 0.73 | 0.51 | 0.50 | 0.51 | 0.53 |
| Ethiopia | 8.10 | 8.53 | 10.29 | 13.96 | 15.38 | 17.42 | 19.61 | 20.08 | 20.57 |
| Gabon | 0.49 | 0.51 | 0.59 | 0.74 | 0.84 | 0.92 | 1.01 | 1.03 | 1.05 |
| Ghana | 2.09 | 2.29 | 2.85 | 3.90 | 4.73 | 5.32 | 5.89 | 6.02 | 6.14 |
| Kenya | 4.25 | 4.57 | 5.92 | 8.52 | 9.88 | 11.25 | 12.87 | 13.20 | 13.55 |
| Libyan Arab Jamahiriya | 0.10 | 0.11 | 0.13 | 0.13 | 0.13 | 0.14 | 0.15 | 0.16 | 0.16 |
| Morocco | 0.13 | 0.13 | 0.26 | 0.32 | 0.40 | 0.44 | 0.45 | 0.45 | 0.45 |
| Mozambique | 5.95 | 5.88 | 5.94 | 5.56 | 5.85 | 6.42 | 7.05 | 7.19 | 7.34 |
| Namibia | .. | .. | .. | .. | 0.15 | 0.17 | 0.19 | 0.19 | 0.19 |
| Nigeria | 33.96 | 35.67 | 42.97 | 56.58 | 64.71 | 72.33 | 81.65 | 83.62 | 85.56 |
| Senegal | 0.83 | 0.84 | 0.89 | 0.96 | 1.01 | 1.16 | 1.19 | 1.19 | 1.23 |
| South Africa | 4.70 | 5.13 | 6.30 | 10.41 | 11.44 | 12.63 | 13.47 | 13.61 | 13.67 |
| Sudan | 5.65 | 5.87 | 7.04 | 8.69 | 10.32 | 11.04 | 11.32 | 11.46 | 10.69 |
| United Rep. of Tanzania | 6.85 | 6.88 | 7.24 | 8.93 | 9.90 | 12.46 | 15.20 | 15.69 | 16.19 |
| Togo | 0.61 | 0.64 | 0.75 | 1.05 | 1.34 | 1.76 | 1.99 | 2.03 | 2.09 |
| Tunisia | 0.42 | 0.43 | 0.50 | 0.64 | 0.75 | 0.93 | 1.12 | 1.16 | 1.20 |
| Zambia | 2.13 | 2.30 | 2.90 | 4.01 | 4.59 | 5.13 | 5.60 | 5.72 | 5.83 |
| Zimbabwe | 3.05 | 3.17 | 3.66 | 4.73 | 5.16 | 5.59 | 6.02 | 6.06 | 6.14 |
| Other Africa | 23.80 | 24.65 | 28.75 | 36.47 | 40.77 | 48.64 | 58.78 | 60.49 | 62.24 |
| Africa | 117.80 | 122.98 | 145.39 | 190.43 | 216.75 | 246.55 | 283.30 | 289.76 | 295.42 |
| Argentina | 2.26 | 2.10 | 2.15 | 1.72 | 2.64 | 2.96 | 2.25 | 2.77 | 2.54 |
| Bolivia | 0.19 | 0.23 | 0.74 | 0.75 | 0.81 | 0.72 | 0.79 | 0.81 | 0.79 |
| Brazil | 35.56 | 36.53 | 40.30 | 47.63 | 47.39 | 47.56 | 63.33 | 66.41 | 72.33 |
| Chile | 1.40 | 1.32 | 1.79 | 2.68 | 3.46 | 4.26 | 4.37 | 4.49 | 4.73 |
| Colombia | 4.42 | 3.40 | 4.73 | 5.52 | 6.48 | 4.39 | 4.12 | 4.50 | 4.51 |
| Costa Rica | 0.57 | 0.59 | 0.58 | 0.74 | 0.37 | 0.25 | 0.58 | 0.71 | 0.84 |
| Cuba | 3.65 | 3.44 | 4.00 | 5.87 | 3.00 | 3.10 | 1.59 | 1.39 | 1.30 |
| Dominican Republic | 1.17 | 1.16 | 1.28 | 1.00 | 1.39 | 1.36 | 1.44 | 1.41 | 1.42 |
| Ecuador | 1.10 | 1.05 | 0.98 | 0.83 | 0.78 | 0.70 | 0.57 | 0.58 | 0.73 |
| El Salvador | 1.21 | 1.29 | 1.41 | 1.19 | 1.28 | 1.35 | 1.45 | 1.49 | 1.50 |
| Guatemala | 1.91 | 2.02 | 2.35 | 3.04 | 3.21 | 3.90 | 4.25 | 4.22 | 4.17 |
| Haiti | 1.38 | 1.46 | 1.86 | 1.21 | 1.37 | 1.52 | 1.90 | 1.95 | 1.99 |
| Honduras | 0.99 | 1.03 | 1.25 | 1.50 | 1.52 | 1.33 | 1.63 | 1.80 | 1.93 |
| Jamaica | 0.27 | 0.24 | 0.21 | 0.48 | 0.48 | 0.48 | 0.47 | 0.48 | 0.48 |
| Nicaragua | 0.72 | 0.76 | 0.86 | 1.13 | 1.19 | 1.42 | 1.68 | 1.80 | 1.82 |
| Panama | 0.34 | 0.33 | 0.44 | 0.42 | 0.40 | 0.46 | 0.42 | 0.44 | 0.38 |
| Paraguay | 1.15 | 1.25 | 1.55 | 2.23 | 2.40 | 2.24 | 2.18 | 2.16 | 2.23 |
| Peru | 3.45 | 3.51 | 3.43 | 2.67 | 2.34 | 2.23 | 2.27 | 2.36 | 2.56 |
| Trinidad and Tobago | 0.02 | 0.02 | 0.01 | 0.05 | 0.03 | 0.03 | 0.02 | 0.03 | 0.01 |
| Uruguay | 0.39 | 0.40 | 0.47 | 0.55 | 0.51 | 0.42 | 0.45 | 0.48 | 0.52 |
| Venezuela | 0.41 | 0.40 | 0.35 | 0.53 | 0.54 | 0.54 | 0.54 | 0.54 | 0.54 |
| Other Latin America | 0.47 | 0.48 | 0.65 | 0.58 | 0.63 | 0.66 | 0.71 | 0.71 | 0.72 |
| Latin America | 63.03 | 63.02 | 71.40 | 82.32 | 82.23 | 81.87 | 96.99 | 101.53 | 108.06 |

Primary supply of combustible renewables and waste (Mtoe)
Approvisionnement primaire en énergies renouvel. combustibles et en déchets (Mtep)

Primärenergieaufkommen an erneuerbaren Brennstoffen und Abfällen (Mtoe)

Disponibilità primaria di combustibili rinnovabili e rifiuti (Mtep)

可燃性再生可能エネルギー及び廃棄物の一次供給量 (石油換算百万トン)

Suministro primario de combustibles renovables y desechos (Mtep)

Первичная поставка возобновляемых видов топлива и отходов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bangladesh | 4.46 | 4.79 | 5.65 | 6.86 | 7.22 | 7.60 | 8.30 | 8.45 | 8.59 |
| Brunei Darussalam | 0.02 | 0.01 | 0.01 | 0.00 | - | - | - | - | - |
| Cambodia | .. | .. | .. | .. | 2.90 | 3.20 | 3.50 | 3.56 | 3.62 |
| Chinese Taipei | 0.08 | 0.10 | 0.02 | 0.01 | 0.01 | 0.60 | 1.14 | 1.16 | 1.28 |
| India | 95.78 | 100.22 | 116.46 | 133.46 | 140.00 | 148.88 | 158.12 | 159.92 | 161.73 |
| Indonesia | 27.32 | 27.74 | 31.18 | 45.00 | 48.75 | 49.93 | 51.14 | 52.34 | 52.38 |
| DPR of Korea | 0.68 | 0.72 | 0.86 | 0.95 | 1.01 | 1.00 | 1.03 | 1.04 | 1.04 |
| Malaysia | 1.24 | 1.34 | 1.61 | 2.12 | 2.35 | 2.53 | 2.79 | 2.84 | 2.88 |
| Mongolia | .. | .. | .. | 0.08 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 |
| Myanmar | 6.36 | 6.68 | 7.57 | 9.02 | 9.14 | 9.18 | 10.21 | 10.29 | 10.38 |
| Nepal | 3.59 | 3.75 | 4.39 | 5.43 | 6.04 | 6.99 | 7.93 | 8.11 | 8.28 |
| Pakistan | 10.63 | 11.33 | 14.03 | 18.77 | 21.52 | 24.03 | 27.11 | 27.68 | 28.27 |
| Philippines | 6.69 | 6.95 | 8.75 | 9.68 | 9.74 | 8.69 | 7.80 | 7.71 | 7.66 |
| Singapore | 0.01 | 0.00 | 0.01 | - | - | - | - | - | - |
| Sri Lanka | 2.74 | 2.79 | 3.08 | 3.92 | 3.64 | 4.47 | 4.63 | 4.74 | 4.72 |
| Thailand | 7.60 | 7.91 | 10.65 | 14.99 | 14.24 | 14.54 | 16.86 | 17.28 | 18.54 |
| Vietnam | 12.48 | 13.08 | 15.32 | 18.90 | 20.97 | 22.37 | 23.95 | 24.24 | 24.54 |
| Other Asia | 1.89 | 1.99 | 2.39 | 2.49 | 3.07 | 3.22 | 3.41 | 3.51 | 3.60 |
| Asia | 181.56 | 189.40 | 221.97 | 271.38 | 290.67 | 307.32 | 328.00 | 332.95 | 337.61 |
| People's Rep. of China | 154.24 | 161.72 | 179.93 | 200.41 | 204.93 | 201.31 | 195.32 | 194.59 | 194.50 |
| Hong Kong, China | 0.05 | 0.05 | 0.05 | 0.05 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 |
| China | 154.29 | 161.77 | 179.99 | 200.46 | 204.99 | 201.37 | 195.38 | 194.65 | 194.55 |
| Albania | 0.38 | 0.38 | 0.38 | 0.36 | 0.32 | 0.26 | 0.23 | 0.23 | 0.22 |
| Bosnia and Herzegovina | .. | .. | .. | 0.16 | 0.16 | 0.18 | 0.18 | 0.18 | 0.18 |
| Bulgaria | 0.27 | 0.24 | 0.20 | 0.17 | 0.21 | 0.56 | 0.75 | 0.80 | 0.75 |
| Croatia | .. | .. | .. | 0.31 | 0.27 | 0.37 | 0.36 | 0.37 | 0.32 |
| Cyprus | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.03 |
| FYR of Macedonia | .. | .. | .. | - | 0.19 | 0.21 | 0.15 | 0.17 | 0.14 |
| Romania | 1.39 | 1.37 | 0.96 | 0.60 | 1.73 | 2.86 | 3.27 | 3.27 | 3.46 |
| Serbia | .. | .. | .. | 1.17 | 0.74 | 0.80 | 0.80 | 0.81 | 0.81 |
| Slovenia | .. | .. | .. | 0.27 | 0.26 | 0.46 | 0.49 | 0.47 | 0.48 |
| Former Yugoslavia | 1.63 | 0.82 | 0.66 | x | x | x | x | x | x |
| Non-OECD Europe | 3.66 | 2.81 | 2.19 | 3.05 | 3.87 | 5.71 | 6.25 | 6.31 | 6.39 |
| Armenia | .. | .. | .. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | - |
| Azerbaijan | .. | .. | .. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Belarus | .. | .. | .. | 0.20 | 0.39 | 0.96 | 1.27 | 1.43 | 1.46 |
| Estonia | .. | .. | .. | 0.19 | 0.34 | 0.51 | 0.58 | 0.52 | 0.59 |
| Georgia | .. | .. | .. | 0.46 | 0.67 | 0.65 | 0.65 | 0.37 | 0.39 |
| Kazakhstan | .. | .. | .. | 0.11 | 0.08 | 0.07 | 0.07 | 0.07 | 0.07 |
| Kyrgyzstan | .. | .. | .. | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Latvia | .. | .. | .. | 0.66 | 1.01 | 0.95 | 1.19 | 1.20 | 1.17 |
| Lithuania | .. | .. | .. | 0.28 | 0.46 | 0.62 | 0.72 | 0.75 | 0.76 |
| Republic of Moldova | .. | .. | .. | 0.04 | 0.03 | 0.06 | 0.08 | 0.07 | 0.08 |
| Russian Federation | .. | .. | .. | 12.18 | 8.54 | 6.90 | 6.91 | 7.48 | 6.68 |
| Ukraine | .. | .. | .. | 0.36 | 0.26 | 0.26 | 0.26 | 0.82 | 0.85 |
| Uzbekistan | .. | .. | .. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Former Soviet Union | 20.15 | 19.48 | 18.40 | 14.50 | 11.78 | 10.98 | 11.73 | 12.73 | 12.07 |

Primary supply of combustible renewables and waste (Mtoe)
Approvisionnement primaire en énergies renouvel. combustibles et en déchets (Mtep)

Primärenergieaufkommen an erneuerbaren Brennstoffen und Abfällen (Mtoe)

Disponibilità primaria di combustibili rinnovabili e rifiuti (Mtep)

可燃性再生可能エネルギー及び廃棄物の一次供給量 (石油換算百万トン)

Suministro primario de combustibles renovables y desechos (Mtep)

Первичная поставка возобновляемых видов топлива и отходов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|
| Islamic Republic of Iran | 0.33 | 0.35 | 0.57 | 0.68 | 0.72 | 0.84 | 0.91 | 0.92 | 0.93 |
| Iraq | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| Israel | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Jordan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| Kuwait | 0.01 | 0.02 | 0.00 | 0.01 | 0.01 | - | - | - | - |
| Lebanon | 0.10 | 0.10 | 0.11 | 0.10 | 0.12 | 0.13 | 0.14 | 0.14 | 0.14 |
| Qatar | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Saudi Arabia | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| Syrian Arab Republic | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 |
| United Arab Emirates | - | - | - | - | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| Yemen | 0.05 | 0.05 | 0.06 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| Middle East | 0.52 | 0.56 | 0.78 | 0.92 | 1.00 | 1.11 | 1.19 | 1.20 | 1.22 |
| Non-OECD Total | 541.02 | 560.02 | 640.11 | 763.07 | 811.29 | 854.91 | 922.84 | 939.13 | 955.31 |
| <i>European Union - 27</i> | .. | .. | .. | 46.13 | 56.29 | 66.77 | 84.94 | 91.82 | 101.13 |
| OECD North America | 48.71 | 51.52 | 69.01 | 77.87 | 88.32 | 92.86 | 96.37 | 98.24 | 102.18 |
| OECD Pacific | 3.56 | 3.53 | 4.13 | 10.22 | 11.01 | 13.12 | 15.40 | 15.66 | 16.48 |
| OECD Europe | 29.31 | 30.99 | 35.68 | 53.10 | 61.62 | 69.95 | 86.52 | 93.35 | 102.41 |
| OECD Total | 81.58 | 86.04 | 108.83 | 141.19 | 160.96 | 175.93 | 198.29 | 207.25 | 221.08 |
| World | 622.60 | 646.06 | 748.94 | 904.26 | 972.25 | 1 030.84 | 1 121.13 | 1 146.37 | 1 176.39 |

Total primary energy supply (TPES) (Mtoe)
Approvisionnement totaux en énergie primaire (ATEP) (Mtep)
Gesamtaufkommen von Primärenergie (TPES) (Mtoe)
Disponibilità totale di energia primaria (DTEP) (Mtep)
 一次エネルギー総供給量 (石油換算百万トン)
Suministro total de energia primaria (TPES) (Mtep)
Общая первичная поставка топлива и энергии (ОППТЭ) (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 3.47 | 4.83 | 11.21 | 22.20 | 24.12 | 27.03 | 32.32 | 34.72 | 36.86 |
| Angola | 3.85 | 4.13 | 4.56 | 5.88 | 6.39 | 7.42 | 9.12 | 9.84 | 10.63 |
| Benin | 1.11 | 1.18 | 1.35 | 1.66 | 1.85 | 1.98 | 2.56 | 2.79 | 2.88 |
| Botswana | .. | .. | .. | 1.26 | 1.50 | 1.84 | 1.89 | 1.95 | 2.02 |
| Cameroon | 2.70 | 2.82 | 3.66 | 4.98 | 5.50 | 6.29 | 6.99 | 6.72 | 7.29 |
| Congo | 0.51 | 0.55 | 0.66 | 0.80 | 0.79 | 0.85 | 1.22 | 1.21 | 1.27 |
| DR of Congo | 6.68 | 7.09 | 8.47 | 11.80 | 13.08 | 14.63 | 17.00 | 17.56 | 18.09 |
| Côte d'Ivoire | 2.45 | 2.69 | 3.57 | 4.32 | 5.08 | 6.73 | 9.63 | 9.54 | 9.98 |
| Egypt | 7.77 | 8.01 | 15.16 | 31.83 | 35.30 | 45.17 | 60.84 | 63.82 | 67.25 |
| Eritrea | .. | .. | .. | .. | 1.00 | 0.71 | 0.76 | 0.70 | 0.72 |
| Ethiopia | 8.61 | 9.03 | 10.83 | 14.87 | 16.40 | 18.64 | 21.48 | 22.13 | 22.81 |
| Gabon | 1.07 | 1.44 | 1.37 | 1.18 | 1.35 | 1.46 | 1.73 | 1.77 | 1.85 |
| Ghana | 3.00 | 3.36 | 4.02 | 5.29 | 6.47 | 7.73 | 8.72 | 9.30 | 9.50 |
| Kenya | 5.61 | 6.09 | 7.91 | 11.22 | 12.79 | 15.04 | 17.33 | 18.17 | 18.31 |
| Libyan Arab Jamahiriya | 1.57 | 2.60 | 6.89 | 11.33 | 15.79 | 16.57 | 17.56 | 17.63 | 17.82 |
| Morocco | 2.43 | 2.98 | 4.87 | 6.94 | 8.59 | 10.24 | 13.10 | 13.35 | 14.36 |
| Mozambique | 6.90 | 6.80 | 6.72 | 5.92 | 6.28 | 7.18 | 8.49 | 8.75 | 9.15 |
| Namibia | .. | .. | .. | .. | 0.91 | 1.02 | 1.41 | 1.47 | 1.56 |
| Nigeria | 36.07 | 38.91 | 52.46 | 70.58 | 80.00 | 88.68 | 104.80 | 104.83 | 106.68 |
| Senegal | 1.24 | 1.32 | 1.56 | 1.69 | 1.86 | 2.40 | 2.79 | 2.75 | 2.67 |
| South Africa | 45.15 | 48.87 | 65.12 | 90.86 | 104.94 | 110.33 | 126.77 | 129.19 | 134.34 |
| Sudan | 7.03 | 7.37 | 8.37 | 10.63 | 11.98 | 13.50 | 15.42 | 15.12 | 14.67 |
| United Rep. of Tanzania | 7.58 | 7.69 | 8.02 | 9.73 | 11.02 | 13.39 | 17.11 | 17.76 | 18.28 |
| Togo | 0.73 | 0.75 | 0.89 | 1.26 | 1.57 | 2.11 | 2.37 | 2.37 | 2.46 |
| Tunisia | 1.66 | 1.89 | 3.27 | 4.95 | 5.80 | 7.31 | 8.23 | 8.52 | 8.84 |
| Zambia | 3.50 | 3.96 | 4.50 | 5.40 | 5.83 | 6.23 | 7.06 | 7.25 | 7.44 |
| Zimbabwe | 5.44 | 5.87 | 6.49 | 9.30 | 9.84 | 9.89 | 9.70 | 9.57 | 9.45 |
| Other Africa | 26.32 | 27.42 | 32.74 | 41.81 | 46.88 | 55.26 | 67.05 | 69.64 | 71.87 |
| Africa | 192.43 | 207.62 | 274.67 | 387.69 | 442.92 | 499.62 | 593.45 | 608.40 | 629.04 |
| Argentina | 33.66 | 35.60 | 41.82 | 46.07 | 53.94 | 60.95 | 63.11 | 68.53 | 73.07 |
| Bolivia | 1.04 | 1.21 | 2.44 | 2.77 | 3.96 | 4.94 | 4.80 | 4.83 | 5.44 |
| Brazil | 69.59 | 81.97 | 113.77 | 139.50 | 160.18 | 189.17 | 215.70 | 222.94 | 235.56 |
| Chile | 8.70 | 8.50 | 9.48 | 13.82 | 18.82 | 26.21 | 29.61 | 30.46 | 30.79 |
| Colombia | 13.79 | 13.89 | 18.53 | 24.22 | 28.46 | 26.78 | 27.99 | 29.62 | 29.05 |
| Costa Rica | 1.13 | 1.25 | 1.50 | 1.98 | 2.53 | 3.18 | 3.93 | 4.38 | 4.77 |
| Cuba | 10.91 | 11.87 | 14.82 | 16.49 | 10.25 | 11.28 | 9.48 | 9.87 | 9.90 |
| Dominican Republic | 2.34 | 2.87 | 3.43 | 4.10 | 5.89 | 7.73 | 7.71 | 7.74 | 7.89 |
| Ecuador | 2.30 | 2.40 | 5.03 | 6.00 | 6.86 | 8.07 | 9.94 | 10.97 | 11.80 |
| El Salvador | 1.75 | 1.98 | 2.52 | 2.47 | 3.36 | 3.96 | 4.50 | 4.62 | 4.88 |
| Guatemala | 2.75 | 2.96 | 3.80 | 4.43 | 5.35 | 7.10 | 8.07 | 8.14 | 8.28 |
| Haiti | 1.50 | 1.59 | 2.08 | 1.56 | 1.69 | 2.01 | 2.58 | 2.65 | 2.78 |
| Honduras | 1.39 | 1.48 | 1.87 | 2.38 | 2.82 | 3.00 | 4.02 | 4.05 | 4.74 |
| Jamaica | 2.01 | 2.92 | 2.28 | 2.79 | 3.21 | 3.75 | 3.69 | 4.33 | 4.96 |
| Netherlands Antilles | 5.47 | 5.98 | 3.93 | 1.46 | 1.31 | 1.98 | 1.95 | 1.92 | 2.18 |
| Nicaragua | 1.24 | 1.38 | 1.53 | 2.09 | 2.34 | 2.72 | 3.32 | 3.43 | 3.47 |
| Panama | 1.68 | 2.03 | 1.41 | 1.49 | 1.99 | 2.58 | 2.61 | 2.89 | 2.82 |
| Paraguay | 1.37 | 1.52 | 2.08 | 3.07 | 3.93 | 3.85 | 3.96 | 4.04 | 4.20 |
| Peru | 9.13 | 9.51 | 11.26 | 9.74 | 10.97 | 12.18 | 13.65 | 13.22 | 14.08 |
| Trinidad and Tobago | 2.62 | 2.63 | 3.81 | 5.97 | 6.30 | 9.80 | 12.68 | 14.23 | 15.28 |
| Uruguay | 2.42 | 2.39 | 2.64 | 2.25 | 2.57 | 3.08 | 2.97 | 3.19 | 3.17 |
| Venezuela | 19.54 | 21.18 | 35.39 | 43.57 | 51.60 | 56.41 | 59.54 | 60.96 | 63.75 |
| Other Latin America | 4.72 | 5.73 | 5.97 | 4.85 | 5.20 | 5.75 | 7.06 | 7.15 | 7.52 |
| Latin America | 201.02 | 222.84 | 291.41 | 343.09 | 393.53 | 456.47 | 502.87 | 524.16 | 550.38 |

Starting with this edition, international aviation bunkers are no longer included in the transport sector at the country level. They are subtracted out of supply in the same way as international marine bunkers. Time series for countries' supply may have significantly decreased compared to last year's edition.

Total primary energy supply (TPES) (Mtoe)
Approvisionnement totaux en énergie primaire (ATEP) (Mtep)
Gesamtaufkommen von Primärenergie (TPES) (Mtoe)
Disponibilità totale di energia primaria (DTEP) (Mtep)
 一次エネルギー総供給量 (石油換算百万トン)
Suministro total de energia primaria (TPES) (Mtep)
 Общая первичная поставка топлива и энергии (ОППТЭ) (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bangladesh | 5.69 | 6.35 | 8.40 | 12.74 | 15.90 | 18.58 | 23.90 | 24.64 | 25.76 |
| Brunei Darussalam | 0.18 | 0.34 | 1.35 | 1.76 | 2.31 | 2.45 | 2.54 | 2.73 | 2.77 |
| Cambodia | .. | .. | .. | .. | 3.37 | 3.98 | 4.78 | 4.96 | 5.13 |
| Chinese Taipei | 10.08 | 13.21 | 27.96 | 48.24 | 63.82 | 85.10 | 102.59 | 104.84 | 109.86 |
| India | 156.20 | 164.19 | 207.45 | 318.16 | 385.30 | 457.38 | 534.10 | 560.97 | 594.91 |
| Indonesia | 36.10 | 39.03 | 57.26 | 102.48 | 131.46 | 150.93 | 175.23 | 180.61 | 190.65 |
| DPR of Korea | 19.41 | 20.59 | 30.36 | 33.22 | 21.99 | 19.78 | 21.44 | 21.66 | 18.38 |
| Malaysia | 5.89 | 5.95 | 12.11 | 22.67 | 38.35 | 49.68 | 65.26 | 66.64 | 72.59 |
| Mongolia | .. | .. | .. | 3.42 | 2.70 | 2.36 | 2.59 | 2.90 | 3.09 |
| Myanmar | 7.88 | 7.89 | 9.39 | 10.66 | 11.77 | 12.50 | 16.00 | 15.50 | 15.65 |
| Nepal | 3.66 | 3.87 | 4.56 | 5.79 | 6.72 | 8.11 | 9.13 | 9.35 | 9.55 |
| Pakistan | 17.04 | 18.37 | 24.90 | 42.89 | 53.67 | 63.16 | 75.41 | 78.57 | 83.27 |
| Philippines | 14.99 | 16.47 | 21.91 | 27.50 | 34.54 | 40.96 | 39.68 | 39.38 | 39.98 |
| Singapore | 2.73 | 3.75 | 5.13 | 11.46 | 18.85 | 19.33 | 27.69 | 27.12 | 26.75 |
| Sri Lanka | 3.80 | 4.13 | 4.53 | 5.52 | 5.95 | 8.33 | 9.00 | 9.08 | 9.28 |
| Thailand | 13.69 | 15.61 | 22.01 | 42.03 | 62.44 | 72.23 | 97.25 | 99.86 | 103.99 |
| Vietnam | 17.44 | 18.38 | 19.57 | 24.32 | 30.05 | 37.07 | 50.99 | 52.73 | 55.79 |
| Other Asia | 4.41 | 4.79 | 7.32 | 6.04 | 6.80 | 6.85 | 8.24 | 8.43 | 9.24 |
| Asia | 319.19 | 342.93 | 464.22 | 718.88 | 895.99 | 1 058.80 | 1 265.80 | 1 309.95 | 1 376.64 |
| People's Rep. of China | 391.71 | 427.30 | 598.49 | 863.08 | 1 046.93 | 1 092.15 | 1 689.75 | 1 845.42 | 1 955.77 |
| Hong Kong, China | 3.00 | 3.17 | 4.68 | 8.78 | 10.68 | 13.10 | 13.11 | 13.36 | 13.75 |
| China | 394.71 | 430.47 | 603.17 | 871.85 | 1 057.60 | 1 105.26 | 1 702.86 | 1 858.78 | 1 969.51 |
| Albania | 1.70 | 1.73 | 3.05 | 2.66 | 1.32 | 1.77 | 2.31 | 2.14 | 2.17 |
| Bosnia and Herzegovina | .. | .. | .. | 7.01 | 1.53 | 4.36 | 5.05 | 5.41 | 5.60 |
| Bulgaria | 19.03 | 20.50 | 28.39 | 28.57 | 23.10 | 18.65 | 19.89 | 20.44 | 20.23 |
| Croatia | .. | .. | .. | 9.00 | 7.05 | 7.79 | 8.90 | 8.94 | 9.32 |
| Cyprus | 0.59 | 0.78 | 0.86 | 1.36 | 1.75 | 2.14 | 2.22 | 2.31 | 2.44 |
| Gibraltar | 0.03 | 0.03 | 0.04 | 0.06 | 0.11 | 0.13 | 0.14 | 0.15 | 0.15 |
| FYR of Macedonia | .. | .. | .. | 2.48 | 2.50 | 2.67 | 2.90 | 2.91 | 3.02 |
| Malta | 0.21 | 0.26 | 0.32 | 0.69 | 0.71 | 0.68 | 0.86 | 0.82 | 0.87 |
| Romania | 42.13 | 47.83 | 65.23 | 62.25 | 46.28 | 36.19 | 38.28 | 39.84 | 38.91 |
| Serbia | .. | .. | .. | 19.35 | 13.58 | 13.31 | 15.03 | 15.73 | 15.81 |
| Slovenia | .. | .. | .. | 5.66 | 6.01 | 6.42 | 7.30 | 7.32 | 7.33 |
| Former Yugoslavia | 21.91 | 23.23 | 33.71 | x | x | x | x | x | x |
| Non-OECD Europe | 85.60 | 94.37 | 131.60 | 139.11 | 103.94 | 94.10 | 102.88 | 106.02 | 105.85 |
| Armenia | .. | .. | .. | 7.70 | 1.63 | 2.00 | 2.51 | 2.55 | 2.84 |
| Azerbaijan | .. | .. | .. | 25.84 | 12.75 | 11.43 | 13.35 | 13.58 | 11.91 |
| Belarus | .. | .. | .. | 42.33 | 24.79 | 24.69 | 26.87 | 28.62 | 28.05 |
| Estonia | .. | .. | .. | 9.57 | 4.80 | 4.51 | 5.18 | 5.02 | 5.63 |
| Georgia | .. | .. | .. | 12.11 | 3.72 | 2.87 | 3.15 | 3.03 | 3.34 |
| Kazakhstan | .. | .. | .. | 72.75 | 51.98 | 40.31 | 56.17 | 63.48 | 66.46 |
| Kyrgyzstan | .. | .. | .. | 7.57 | 2.45 | 2.44 | 2.79 | 2.81 | 2.91 |
| Latvia | .. | .. | .. | 7.78 | 4.58 | 3.71 | 4.42 | 4.55 | 4.67 |
| Lithuania | .. | .. | .. | 16.11 | 8.75 | 7.13 | 8.61 | 8.48 | 9.25 |
| Republic of Moldova | .. | .. | .. | 9.87 | 4.39 | 2.85 | 3.54 | 3.38 | 3.34 |
| Russian Federation | .. | .. | .. | 870.00 | 624.14 | 610.11 | 651.27 | 670.75 | 672.14 |
| Tajikistan | .. | .. | .. | 5.57 | 3.04 | 2.85 | 3.50 | 3.70 | 3.90 |
| Turkmenistan | .. | .. | .. | 19.63 | 13.90 | 14.51 | 16.52 | 16.49 | 18.07 |
| Ukraine | .. | .. | .. | 251.75 | 163.81 | 133.78 | 142.89 | 137.33 | 137.34 |
| Uzbekistan | .. | .. | .. | 46.37 | 42.57 | 50.38 | 47.00 | 48.45 | 48.68 |
| Former Soviet Union | 768.33 | 848.63 | 1 109.51 | 1 404.95 | 967.30 | 913.57 | 987.74 | 1 012.22 | 1 018.54 |

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Total primary energy supply (TPES) (Mtoe)
Approvisionnement totaux en énergie primaire (ATEP) (Mtep)
Gesamtaufkommen von Primärenergie (TPES) (Mtoe)
Disponibilità totale di energia primaria (DTEP) (Mtep)
 一次エネルギー総供給量 (石油換算百万トン)
Suministro total de energia primaria (TPES) (Mtep)
Общая первичная поставка топлива и энергии (ОППТЭ) (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|
| Bahrain | 1.41 | 2.03 | 2.81 | 4.35 | 4.93 | 5.86 | 7.50 | 8.28 | 8.77 |
| Islamic Republic of Iran | 16.71 | 20.76 | 38.40 | 68.33 | 94.02 | 117.89 | 158.61 | 172.19 | 184.94 |
| Iraq | 4.43 | 5.17 | 10.53 | 18.09 | 25.96 | 25.38 | 33.10 | 34.27 | 33.09 |
| Israel | 5.74 | 7.76 | 7.82 | 11.59 | 15.65 | 18.45 | 20.47 | 21.16 | 21.96 |
| Jordan | 0.48 | 0.61 | 1.50 | 3.26 | 4.29 | 4.93 | 6.67 | 6.84 | 7.20 |
| Kuwait | 5.83 | 9.75 | 14.84 | 7.82 | 16.04 | 20.03 | 27.54 | 24.70 | 25.20 |
| Lebanon | 1.70 | 2.20 | 2.33 | 2.25 | 4.32 | 4.93 | 5.43 | 4.67 | 3.99 |
| Oman | 0.08 | 0.10 | 0.87 | 4.25 | 6.12 | 8.70 | 12.82 | 14.87 | 15.48 |
| Qatar | 0.93 | 1.43 | 3.48 | 6.89 | 8.69 | 11.46 | 16.39 | 18.40 | 22.19 |
| Saudi Arabia | 7.55 | 7.51 | 31.59 | 59.26 | 86.94 | 104.88 | 138.74 | 145.20 | 150.33 |
| Syrian Arab Republic | 2.63 | 2.33 | 5.11 | 11.38 | 14.03 | 17.43 | 17.50 | 18.56 | 19.64 |
| United Arab Emirates | 1.01 | 1.30 | 7.15 | 19.88 | 27.25 | 33.69 | 43.11 | 45.38 | 51.64 |
| Yemen | 0.74 | 0.97 | 1.27 | 2.51 | 3.42 | 4.74 | 6.58 | 6.86 | 7.21 |
| Middle East | 49.24 | 61.92 | 127.69 | 219.84 | 311.66 | 378.37 | 494.45 | 521.38 | 551.63 |
| Non-OECD Total | 2 010.53 | 2 208.79 | 3 002.27 | 4 085.41 | 4 172.96 | 4 506.18 | 5 650.05 | 5 940.91 | 6 201.61 |
| <i>European Union - 27</i> | .. | .. | .. | 1 636.87 | 1 637.60 | 1 685.74 | 1 778.86 | 1 778.86 | 1 758.85 |
| OECD North America | 1 771.80 | 1 941.85 | 2 092.39 | 2 243.01 | 2 431.17 | 2 681.88 | 2 770.24 | 2 747.10 | 2 793.57 |
| OECD Pacific | 343.03 | 406.99 | 464.32 | 630.71 | 747.73 | 832.28 | 866.45 | 871.38 | 876.56 |
| OECD Europe | 1 243.04 | 1 375.48 | 1 494.24 | 1 604.50 | 1 652.46 | 1 735.58 | 1 834.05 | 1 843.30 | 1 827.00 |
| OECD Total | 3 357.86 | 3 724.32 | 4 050.95 | 4 478.22 | 4 831.36 | 5 249.75 | 5 470.73 | 5 461.79 | 5 497.13 |
| World marine bunkers | 107.98 | 119.45 | 107.89 | 112.46 | 126.56 | 146.68 | 172.71 | 182.35 | 191.64 |
| World aviation bunkers | 56.86 | 62.65 | 67.69 | 85.59 | 95.99 | 116.10 | 131.98 | 135.04 | 138.90 |
| World | 5 533.23 | 6 115.21 | 7 228.80 | 8 761.68 | 9 226.87 | 10 018.70 | 11 425.47 | 11 720.08 | 12 029.27 |

Starting with this edition, international aviation bunkers are no longer included in the transport sector at the country level. They are subtracted out of supply in the same way as international marine bunkers. Time series for countries' supply may have significantly decreased compared to last year's edition.

Total primary energy supply excluding combustible renewables and waste (Mtoe)
ATEP non compris les énergies renouvelables combustibles et les déchets (Mtep)

Gesamtaufkommen von Primärenergie, ohne erneuerbare Brennstoffe und Abfälle (Mtoe)

Disponibilità totale di energia primaria al netto di combustibili rinnovabili e rifiuti (Mtep)

一次エネルギー総供給量 (可燃性再生可能エネルギー及び廃棄物除く、石油換算百万トン)

TPES excluyendo combustibles renovables y desechos (Mtep)

ОППТЭ исключая возобновляемые виды топлива и отходов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 3.46 | 4.82 | 11.20 | 22.18 | 24.07 | 26.95 | 32.25 | 34.65 | 36.79 |
| Angola | 0.66 | 0.90 | 0.96 | 1.56 | 1.52 | 1.90 | 2.75 | 3.28 | 3.89 |
| Benin | 0.10 | 0.14 | 0.14 | 0.10 | 0.09 | 0.54 | 0.89 | 1.07 | 1.11 |
| Botswana | .. | .. | .. | 0.84 | 0.99 | 1.29 | 1.43 | 1.49 | 1.55 |
| Cameroon | 0.33 | 0.36 | 0.69 | 1.16 | 1.13 | 1.31 | 1.41 | 1.47 | 2.33 |
| Congo | 0.20 | 0.22 | 0.28 | 0.32 | 0.26 | 0.26 | 0.54 | 0.51 | 0.56 |
| DR of Congo | 1.11 | 1.21 | 1.25 | 1.80 | 1.35 | 1.02 | 1.20 | 1.25 | 1.31 |
| Côte d'Ivoire | 0.83 | 0.95 | 1.35 | 1.15 | 1.38 | 2.51 | 2.46 | 2.15 | 2.35 |
| Egypt | 7.12 | 7.33 | 14.37 | 30.77 | 34.11 | 43.87 | 59.41 | 62.37 | 65.76 |
| Eritrea | .. | .. | .. | .. | 0.27 | 0.20 | 0.26 | 0.18 | 0.19 |
| Ethiopia | 0.51 | 0.49 | 0.54 | 0.91 | 1.02 | 1.22 | 1.87 | 2.05 | 2.23 |
| Gabon | 0.58 | 0.94 | 0.78 | 0.44 | 0.52 | 0.54 | 0.72 | 0.74 | 0.80 |
| Ghana | 0.91 | 1.07 | 1.17 | 1.39 | 1.74 | 2.41 | 2.83 | 3.28 | 3.36 |
| Kenya | 1.36 | 1.52 | 1.99 | 2.70 | 2.90 | 3.79 | 4.46 | 4.96 | 4.76 |
| Libyan Arab Jamahiriya | 1.47 | 2.49 | 6.77 | 11.21 | 15.67 | 16.44 | 17.40 | 17.47 | 17.66 |
| Morocco | 2.30 | 2.84 | 4.61 | 6.62 | 8.19 | 9.80 | 12.65 | 12.90 | 13.91 |
| Mozambique | 0.95 | 0.92 | 0.78 | 0.36 | 0.43 | 0.76 | 1.45 | 1.56 | 1.81 |
| Namibia | .. | .. | .. | .. | 0.76 | 0.85 | 1.22 | 1.28 | 1.36 |
| Nigeria | 2.12 | 3.24 | 9.49 | 14.01 | 15.29 | 16.36 | 23.15 | 21.21 | 21.13 |
| Senegal | 0.42 | 0.48 | 0.68 | 0.73 | 0.85 | 1.23 | 1.60 | 1.56 | 1.45 |
| South Africa | 40.45 | 43.73 | 58.82 | 80.45 | 93.50 | 97.69 | 113.30 | 115.59 | 120.67 |
| Sudan | 1.38 | 1.49 | 1.33 | 1.94 | 1.66 | 2.46 | 4.09 | 3.66 | 3.99 |
| United Rep. of Tanzania | 0.73 | 0.81 | 0.78 | 0.81 | 1.12 | 0.93 | 1.91 | 2.07 | 2.09 |
| Togo | 0.12 | 0.11 | 0.14 | 0.22 | 0.23 | 0.35 | 0.38 | 0.34 | 0.37 |
| Tunisia | 1.24 | 1.46 | 2.77 | 4.31 | 5.05 | 6.37 | 7.11 | 7.36 | 7.63 |
| Zambia | 1.37 | 1.66 | 1.59 | 1.39 | 1.24 | 1.10 | 1.46 | 1.53 | 1.62 |
| Zimbabwe | 2.39 | 2.69 | 2.83 | 4.57 | 4.68 | 4.30 | 3.68 | 3.51 | 3.31 |
| Other Africa | 2.52 | 2.77 | 3.99 | 5.33 | 6.11 | 6.62 | 8.27 | 9.15 | 9.64 |
| Africa | 74.63 | 84.65 | 129.28 | 197.25 | 226.17 | 253.07 | 310.14 | 318.64 | 333.62 |
| Argentina | 31.39 | 33.51 | 39.67 | 44.35 | 51.29 | 58.00 | 60.85 | 65.76 | 70.53 |
| Bolivia | 0.84 | 0.98 | 1.70 | 2.02 | 3.14 | 4.21 | 4.01 | 4.03 | 4.65 |
| Brazil | 34.03 | 45.44 | 73.47 | 91.87 | 112.78 | 141.61 | 152.37 | 156.53 | 163.22 |
| Chile | 7.31 | 7.18 | 7.69 | 11.15 | 15.36 | 21.95 | 25.25 | 25.97 | 26.06 |
| Colombia | 9.37 | 10.49 | 13.80 | 18.70 | 21.98 | 22.39 | 23.87 | 25.12 | 24.53 |
| Costa Rica | 0.55 | 0.66 | 0.92 | 1.24 | 2.16 | 2.93 | 3.35 | 3.67 | 3.93 |
| Cuba | 7.26 | 8.42 | 10.82 | 10.62 | 7.25 | 8.19 | 7.89 | 8.48 | 8.60 |
| Dominican Republic | 1.17 | 1.70 | 2.16 | 3.10 | 4.51 | 6.37 | 6.27 | 6.33 | 6.47 |
| Ecuador | 1.20 | 1.36 | 4.05 | 5.17 | 6.08 | 7.37 | 9.37 | 10.39 | 11.08 |
| El Salvador | 0.54 | 0.69 | 1.11 | 1.28 | 2.07 | 2.62 | 3.05 | 3.14 | 3.38 |
| Guatemala | 0.84 | 0.94 | 1.45 | 1.40 | 2.14 | 3.20 | 3.82 | 3.93 | 4.11 |
| Haiti | 0.13 | 0.13 | 0.22 | 0.35 | 0.32 | 0.49 | 0.69 | 0.70 | 0.78 |
| Honduras | 0.40 | 0.45 | 0.62 | 0.88 | 1.31 | 1.67 | 2.39 | 2.25 | 2.82 |
| Jamaica | 1.74 | 2.67 | 2.06 | 2.31 | 2.74 | 3.27 | 3.22 | 3.85 | 4.47 |
| Netherlands Antilles | 5.47 | 5.98 | 3.93 | 1.46 | 1.31 | 1.98 | 1.95 | 1.92 | 2.18 |
| Nicaragua | 0.52 | 0.62 | 0.67 | 0.96 | 1.14 | 1.30 | 1.63 | 1.63 | 1.65 |
| Panama | 1.34 | 1.70 | 0.96 | 1.07 | 1.60 | 2.12 | 2.20 | 2.45 | 2.44 |
| Paraguay | 0.21 | 0.27 | 0.54 | 0.84 | 1.53 | 1.61 | 1.78 | 1.88 | 1.97 |
| Peru | 5.68 | 6.01 | 7.83 | 7.06 | 8.63 | 9.94 | 11.38 | 10.85 | 11.52 |
| Trinidad and Tobago | 2.60 | 2.62 | 3.80 | 5.92 | 6.27 | 9.76 | 12.65 | 14.20 | 15.27 |
| Uruguay | 2.02 | 1.98 | 2.18 | 1.71 | 2.06 | 2.66 | 2.52 | 2.71 | 2.65 |
| Venezuela | 19.13 | 20.79 | 35.04 | 43.04 | 51.06 | 55.87 | 59.00 | 60.42 | 63.20 |
| Other Latin America | 4.24 | 5.25 | 5.33 | 4.27 | 4.57 | 5.09 | 6.36 | 6.44 | 6.80 |
| Latin America | 137.99 | 159.82 | 220.02 | 260.77 | 311.31 | 374.60 | 405.88 | 422.63 | 442.33 |

Starting with this edition, international aviation bunkers are no longer included in the transport sector at the country level. They are subtracted out of supply in the same way as international marine bunkers. Time series for countries' supply may have significantly decreased compared to last year's edition.

Total primary energy supply excluding combustible renewables and waste (Mtoe)
ATEP non compris les énergies renouvelables combustibles et les déchets (Mtep)

Gesamtaufkommen von Primärenergie, ohne erneuerbare Brennstoffe und Abfälle (Mtoe)

Disponibilità totale di energia primaria al netto di combustibili rinnovabili e rifiuti (Mtep)

一次エネルギー総供給量 (可燃性再生可能エネルギー及び廃棄物除く、石油換算百万トン)

TPES excluyendo combustibles renovables y desechos (Mtep)

ОППТЭ исключая возобновляемые виды топлива и отходов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|-----------------|-----------------|
| Bangladesh | 1.23 | 1.57 | 2.75 | 5.87 | 8.68 | 10.98 | 15.60 | 16.19 | 17.17 |
| Brunei Darussalam | 0.16 | 0.33 | 1.34 | 1.76 | 2.31 | 2.45 | 2.54 | 2.73 | 2.77 |
| Cambodia | .. | .. | .. | .. | 0.47 | 0.78 | 1.28 | 1.40 | 1.51 |
| Chinese Taipei | 10.00 | 13.11 | 27.94 | 48.23 | 63.81 | 84.50 | 101.46 | 103.68 | 108.58 |
| India | 60.42 | 63.98 | 90.99 | 184.70 | 245.30 | 308.50 | 375.97 | 401.05 | 433.18 |
| Indonesia | 8.77 | 11.29 | 26.08 | 57.48 | 82.71 | 101.00 | 124.09 | 128.27 | 138.26 |
| DPR of Korea | 18.73 | 19.87 | 29.50 | 32.27 | 20.98 | 18.78 | 20.41 | 20.62 | 17.34 |
| Malaysia | 4.64 | 4.60 | 10.50 | 20.54 | 36.00 | 47.16 | 62.47 | 63.81 | 69.70 |
| Mongolia | .. | .. | .. | 3.33 | 2.61 | 2.26 | 2.49 | 2.79 | 2.98 |
| Myanmar | 1.53 | 1.21 | 1.82 | 1.63 | 2.63 | 3.33 | 5.79 | 5.21 | 5.27 |
| Nepal | 0.07 | 0.12 | 0.18 | 0.36 | 0.68 | 1.12 | 1.20 | 1.24 | 1.27 |
| Pakistan | 6.41 | 7.04 | 10.88 | 24.12 | 32.15 | 39.13 | 48.29 | 50.89 | 55.00 |
| Philippines | 8.31 | 9.52 | 13.16 | 17.82 | 24.80 | 32.27 | 31.88 | 31.68 | 32.32 |
| Singapore | 2.72 | 3.75 | 5.13 | 11.46 | 18.85 | 19.33 | 27.69 | 27.12 | 26.75 |
| Sri Lanka | 1.06 | 1.35 | 1.45 | 1.60 | 2.31 | 3.86 | 4.38 | 4.35 | 4.57 |
| Thailand | 6.09 | 7.70 | 11.36 | 27.34 | 48.20 | 57.70 | 80.39 | 82.58 | 85.46 |
| Vietnam | 4.96 | 5.30 | 4.25 | 5.42 | 9.09 | 14.69 | 27.04 | 28.49 | 31.25 |
| Other Asia | 2.52 | 2.80 | 4.93 | 3.55 | 3.74 | 3.64 | 4.83 | 4.92 | 5.65 |
| Asia | 137.63 | 153.53 | 242.25 | 447.50 | 605.32 | 751.47 | 937.80 | 977.00 | 1 039.04 |
| People's Rep. of China | 237.47 | 265.58 | 418.55 | 662.67 | 842.00 | 890.84 | 1 494.43 | 1 650.82 | 1 761.27 |
| Hong Kong, China | 2.95 | 3.12 | 4.63 | 8.73 | 10.62 | 13.05 | 13.06 | 13.31 | 13.69 |
| China | 240.42 | 268.70 | 423.19 | 671.39 | 852.62 | 903.89 | 1 507.48 | 1 664.13 | 1 774.96 |
| Albania | 1.33 | 1.36 | 2.68 | 2.30 | 1.01 | 1.51 | 2.08 | 1.91 | 1.96 |
| Bosnia and Herzegovina | .. | .. | .. | 6.85 | 1.38 | 4.18 | 4.86 | 5.22 | 5.42 |
| Bulgaria | 18.76 | 20.26 | 28.19 | 28.40 | 22.89 | 18.10 | 19.14 | 19.64 | 19.48 |
| Croatia | .. | .. | .. | 8.69 | 6.78 | 7.42 | 8.55 | 8.57 | 9.00 |
| Cyprus | 0.58 | 0.77 | 0.86 | 1.35 | 1.73 | 2.13 | 2.20 | 2.30 | 2.41 |
| Gibraltar | 0.03 | 0.03 | 0.04 | 0.06 | 0.11 | 0.13 | 0.14 | 0.15 | 0.15 |
| FYR of Macedonia | .. | .. | .. | 2.48 | 2.31 | 2.46 | 2.75 | 2.75 | 2.88 |
| Malta | 0.21 | 0.26 | 0.32 | 0.69 | 0.71 | 0.68 | 0.86 | 0.82 | 0.87 |
| Romania | 40.74 | 46.46 | 64.27 | 61.65 | 44.56 | 33.33 | 35.02 | 36.58 | 35.45 |
| Serbia | .. | .. | .. | 18.18 | 12.85 | 12.51 | 14.23 | 14.92 | 14.99 |
| Slovenia | .. | .. | .. | 5.40 | 5.74 | 5.96 | 6.81 | 6.85 | 6.85 |
| Former Yugoslavia | 20.29 | 22.42 | 33.05 | x | x | x | x | x | x |
| Non-OECD Europe | 81.94 | 91.56 | 129.41 | 136.05 | 100.07 | 88.39 | 96.63 | 99.71 | 99.46 |
| Armenia | .. | .. | .. | 7.69 | 1.63 | 2.00 | 2.50 | 2.55 | 2.84 |
| Azerbaijan | .. | .. | .. | 25.83 | 12.74 | 11.43 | 13.35 | 13.57 | 11.91 |
| Belarus | .. | .. | .. | 42.13 | 24.40 | 23.73 | 25.60 | 27.20 | 26.59 |
| Estonia | .. | .. | .. | 9.38 | 4.46 | 3.99 | 4.59 | 4.50 | 5.04 |
| Georgia | .. | .. | .. | 11.65 | 3.05 | 2.22 | 2.50 | 2.66 | 2.95 |
| Kazakhstan | .. | .. | .. | 72.63 | 51.90 | 40.24 | 56.09 | 63.41 | 66.39 |
| Kyrgyzstan | .. | .. | .. | 7.57 | 2.44 | 2.44 | 2.78 | 2.81 | 2.91 |
| Latvia | .. | .. | .. | 7.12 | 3.57 | 2.76 | 3.23 | 3.35 | 3.50 |
| Lithuania | .. | .. | .. | 15.83 | 8.29 | 6.51 | 7.89 | 7.73 | 8.49 |
| Republic of Moldova | .. | .. | .. | 9.83 | 4.36 | 2.79 | 3.46 | 3.30 | 3.26 |
| Russian Federation | .. | .. | .. | 857.82 | 615.60 | 603.21 | 644.36 | 663.27 | 665.46 |
| Tajikistan | .. | .. | .. | 5.57 | 3.04 | 2.85 | 3.50 | 3.70 | 3.90 |
| Turkmenistan | .. | .. | .. | 19.63 | 13.90 | 14.51 | 16.52 | 16.49 | 18.07 |
| Ukraine | .. | .. | .. | 251.39 | 163.55 | 133.52 | 142.62 | 136.51 | 136.49 |
| Uzbekistan | .. | .. | .. | 46.36 | 42.57 | 50.38 | 47.00 | 48.45 | 48.68 |
| Former Soviet Union | 748.18 | 829.15 | 1 091.10 | 1 390.45 | 955.52 | 902.59 | 976.01 | 999.49 | 1 006.47 |

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Total primary energy supply excluding combustible renewables and waste (Mtoe)
ATEP non compris les énergies renouvelables combustibles et les déchets (Mtep)

Gesamtaufkommen von Primärenergie, ohne erneuerbare Brennstoffe und Abfälle (Mtoe)

Disponibilità totale di energia primaria al netto di combustibili rinnovabili e rifiuti (Mtep)

一次エネルギー総供給量 (可燃性再生可能エネルギー及び廃棄物除く、石油換算百万トン)

TPES excluyendo combustibles renovables y desechos (Mtep)

ОППТЭ исключая возобновляемые виды топлива и отходов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| Bahrain | 1.41 | 2.03 | 2.81 | 4.35 | 4.93 | 5.86 | 7.50 | 8.28 | 8.77 |
| Islamic Republic of Iran | 16.38 | 20.41 | 37.83 | 67.65 | 93.30 | 117.05 | 157.70 | 171.27 | 184.00 |
| Iraq | 4.40 | 5.14 | 10.50 | 18.06 | 25.93 | 25.35 | 33.07 | 34.25 | 33.06 |
| Israel | 5.74 | 7.76 | 7.82 | 11.58 | 15.64 | 18.44 | 20.46 | 21.15 | 21.95 |
| Jordan | 0.48 | 0.60 | 1.50 | 3.26 | 4.29 | 4.93 | 6.66 | 6.84 | 7.19 |
| Kuwait | 5.82 | 9.72 | 14.83 | 7.82 | 16.04 | 20.03 | 27.54 | 24.70 | 25.20 |
| Lebanon | 1.60 | 2.10 | 2.22 | 2.14 | 4.20 | 4.80 | 5.29 | 4.53 | 3.85 |
| Oman | 0.08 | 0.10 | 0.87 | 4.25 | 6.12 | 8.70 | 12.82 | 14.87 | 15.48 |
| Qatar | 0.93 | 1.43 | 3.47 | 6.88 | 8.69 | 11.46 | 16.39 | 18.39 | 22.19 |
| Saudi Arabia | 7.55 | 7.50 | 31.59 | 59.24 | 86.93 | 104.87 | 138.74 | 145.19 | 150.32 |
| Syrian Arab Republic | 2.63 | 2.33 | 5.10 | 11.38 | 14.03 | 17.42 | 17.49 | 18.55 | 19.63 |
| United Arab Emirates | 1.01 | 1.30 | 7.15 | 19.88 | 27.23 | 33.68 | 43.10 | 45.36 | 51.62 |
| Yemen | 0.69 | 0.92 | 1.21 | 2.44 | 3.34 | 4.66 | 6.50 | 6.78 | 7.14 |
| Middle East | 48.72 | 61.36 | 126.91 | 218.93 | 310.67 | 377.26 | 493.26 | 520.17 | 550.41 |
| Non-OECD Total | 1 469.51 | 1 648.78 | 2 362.16 | 3 322.35 | 3 361.67 | 3 651.27 | 4 727.21 | 5 001.78 | 5 246.30 |
| <i>European Union - 27</i> | .. | .. | .. | 1 590.75 | 1 581.31 | 1 618.97 | 1 693.92 | 1 687.04 | 1 657.72 |
| OECD North America | 1 723.09 | 1 890.33 | 2 023.38 | 2 165.14 | 2 342.85 | 2 589.02 | 2 673.87 | 2 648.86 | 2 691.39 |
| OECD Pacific | 339.47 | 403.46 | 460.19 | 620.49 | 736.72 | 819.16 | 851.05 | 855.73 | 860.07 |
| OECD Europe | 1 213.73 | 1 344.49 | 1 458.55 | 1 551.40 | 1 590.84 | 1 665.63 | 1 747.53 | 1 749.95 | 1 724.58 |
| OECD Total | 3 276.28 | 3 638.28 | 3 942.12 | 4 337.03 | 4 670.40 | 5 073.82 | 5 272.45 | 5 254.54 | 5 276.05 |
| World marine bunkers | 107.98 | 119.45 | 107.89 | 112.46 | 126.56 | 146.68 | 172.71 | 182.35 | 191.64 |
| World aviation bunkers | 56.86 | 62.65 | 67.69 | 85.59 | 95.99 | 116.10 | 131.98 | 135.04 | 138.90 |
| World | 4 910.64 | 5 469.15 | 6 479.86 | 7 857.42 | 8 254.62 | 8 987.86 | 10 304.34 | 10 573.71 | 10 852.89 |

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Electricity generation from coal and peat (% of total)
Production d'électricité à partir du charbon et de tourbe (% du total)

Stromerzeugung auf Kohle- und Torfbasis (in %)

Produzione di energia termoelettrica da carbone e torba (% del totale)

石炭及び泥炭からの発電量(%)

Generación de electricidad a partir del carbón y turba (% del total)

Производство электроэнергии за счет потребления угля и торфа (в % к общему производству)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Botswana | .. | .. | .. | 88.1 | 98.0 | 97.1 | 99.4 | 99.4 | 99.5 |
| Morocco | 13.4 | 27.5 | 19.5 | 23.0 | 48.5 | 64.0 | 58.6 | 58.1 | 57.1 |
| Mozambique | - | - | 17.5 | 13.9 | - | - | - | - | - |
| Namibia | .. | .. | .. | .. | 2.1 | 0.4 | 1.8 | 6.5 | 7.1 |
| Nigeria | - | - | - | 0.1 | - | - | - | - | - |
| South Africa | 99.8 | 98.5 | 99.0 | 94.3 | 93.4 | 93.1 | 94.6 | 94.7 | 94.7 |
| United Rep. of Tanzania | - | - | - | - | 3.9 | 2.7 | 2.7 | 3.0 | 2.7 |
| Zambia | 20.3 | 6.7 | 0.7 | 0.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Zimbabwe | 32.7 | 32.6 | 11.7 | 53.3 | 70.7 | 52.5 | 43.0 | 43.0 | 43.0 |
| Other Africa | - | - | - | 10.3 | 5.5 | 9.8 | 11.4 | 13.7 | 13.7 |
| Africa | 62.2 | 60.4 | 54.3 | 52.2 | 51.4 | 47.1 | 44.3 | 43.9 | 43.4 |
| Argentina | 3.1 | 2.4 | 2.1 | 1.3 | 2.8 | 2.0 | 2.1 | 1.8 | 2.2 |
| Brazil | 3.1 | 2.0 | 2.3 | 2.1 | 2.0 | 3.2 | 2.5 | 2.5 | 2.3 |
| Chile | 16.1 | 14.0 | 16.1 | 38.3 | 22.6 | 22.5 | 13.7 | 19.2 | 22.7 |
| Colombia | 12.8 | 12.2 | 7.8 | 10.1 | 9.9 | 5.1 | 4.9 | 5.5 | 6.3 |
| Dominican Republic | - | - | - | 1.2 | 3.9 | 2.9 | 10.0 | 13.4 | 13.2 |
| Guatemala | - | - | - | - | - | 8.3 | 13.9 | 13.6 | 12.8 |
| Peru | - | - | - | - | - | 1.7 | 3.2 | 3.0 | 2.8 |
| Latin America | 3.7 | 2.8 | 2.5 | 3.3 | 2.9 | 3.3 | 2.8 | 3.1 | 3.3 |
| Chinese Taipei | 12.3 | 6.9 | 14.0 | 27.7 | 39.5 | 48.9 | 55.5 | 55.1 | 55.1 |
| India | 49.1 | 49.4 | 51.5 | 66.2 | 70.8 | 70.7 | 68.9 | 68.8 | 68.4 |
| Indonesia | - | - | - | 31.5 | 24.4 | 36.7 | 40.6 | 44.1 | 44.9 |
| DPR of Korea | 36.0 | 37.0 | 48.0 | 40.1 | 36.8 | 43.3 | 39.0 | 40.9 | 34.8 |
| Malaysia | - | - | - | 12.3 | 7.3 | 6.6 | 26.1 | 26.5 | 29.5 |
| Mongolia | .. | .. | .. | 92.4 | 95.8 | 97.1 | 97.0 | 96.9 | 96.1 |
| Myanmar | 3.9 | 2.6 | 2.0 | 1.6 | - | - | - | - | - |
| Pakistan | 1.2 | 0.8 | 0.2 | 0.1 | 0.8 | 0.4 | 0.1 | 0.1 | 0.1 |
| Philippines | 0.1 | 0.1 | 1.0 | 7.0 | 6.3 | 36.8 | 27.0 | 26.9 | 28.2 |
| Thailand | 6.1 | 3.5 | 9.8 | 25.0 | 18.5 | 18.3 | 15.4 | 18.0 | 21.4 |
| Vietnam | 73.3 | 82.1 | 39.9 | 23.1 | 13.8 | 11.8 | 16.2 | 23.2 | 21.4 |
| Asia | 31.1 | 28.7 | 29.6 | 41.6 | 43.1 | 46.2 | 46.1 | 47.0 | 47.5 |
| People's Rep. of China | 70.5 | 58.6 | 54.6 | 71.3 | 73.9 | 78.3 | 78.9 | 80.4 | 81.0 |
| Hong Kong, China | - | - | - | 98.3 | 97.5 | 60.5 | 70.4 | 68.9 | 73.3 |
| China | 67.7 | 56.3 | 52.4 | 72.5 | 74.5 | 77.9 | 78.8 | 80.2 | 80.9 |
| Bosnia and Herzegovina | .. | .. | .. | 71.8 | 16.4 | 50.7 | 51.4 | 54.9 | 64.8 |
| Bulgaria | 81.5 | 77.3 | 49.2 | 50.3 | 42.0 | 42.3 | 42.4 | 42.2 | 52.3 |
| Croatia | .. | .. | .. | 6.8 | 2.7 | 14.6 | 18.8 | 18.3 | 20.1 |
| FYR of Macedonia | .. | .. | .. | 89.7 | 86.3 | 76.5 | 78.3 | 72.9 | 77.9 |
| Malta | - | - | - | 55.9 | 5.5 | - | - | - | - |
| Romania | 26.2 | 26.0 | 31.4 | 28.8 | 35.1 | 37.2 | 37.3 | 40.3 | 41.0 |
| Serbia | .. | .. | .. | 69.1 | 62.9 | 62.8 | 64.3 | 68.7 | 70.2 |
| Slovenia | .. | .. | .. | 31.3 | 35.7 | 33.8 | 34.9 | 36.0 | 36.5 |
| Former Yugoslavia | 43.3 | 46.0 | 42.8 | x | x | x | x | x | x |
| Non-OECD Europe | 43.6 | 42.4 | 38.2 | 45.3 | 40.2 | 41.8 | 42.1 | 43.8 | 47.8 |

Electricity generation from coal and peat (% of total)
Production d'électricité à partir du charbon et de tourbe (% du total)

Stromerzeugung auf Kohle- und Torfbasis (in %)

Produzione di energia termoelettrica da carbone e torba (% del totale)

石炭及び泥炭からの発電量(%)

Generación de electricidad a partir del carbón y turba (% del total)

Производство электроэнергии за счет потребления угля и торфа (в % к общему производству)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Belarus | .. | .. | .. | - | - | - | 0.0 | 0.0 | 0.0 |
| Estonia | .. | .. | .. | 85.8 | 95.4 | 90.2 | 91.2 | 90.3 | 93.7 |
| Kazakhstan | .. | .. | .. | 71.1 | 72.0 | 70.3 | 70.3 | 70.3 | 70.3 |
| Kyrgyzstan | .. | .. | .. | 13.1 | 4.7 | 4.0 | 3.6 | 3.3 | 3.3 |
| Latvia | .. | .. | .. | 0.9 | 2.5 | 1.9 | - | - | 0.0 |
| Lithuania | .. | .. | .. | - | - | - | - | 0.0 | 0.1 |
| Republic of Moldova | .. | .. | .. | 30.8 | 31.5 | 4.9 | - | - | - |
| Russian Federation | .. | .. | .. | 14.5 | 18.7 | 20.0 | 17.4 | 18.0 | 16.8 |
| Ukraine | .. | .. | .. | 38.2 | 36.2 | 30.1 | 26.7 | 33.6 | 34.2 |
| Uzbekistan | .. | .. | .. | 7.4 | 3.5 | 4.0 | 4.7 | 4.7 | 5.0 |
| Former Soviet Union | 43.4 | 42.5 | 31.5 | 20.8 | 22.5 | 21.5 | 19.7 | 21.0 | 20.5 |
| Israel | - | - | - | 50.1 | 62.5 | 68.8 | 74.7 | 70.9 | 69.5 |
| Middle East | - | - | - | 4.4 | 5.6 | 6.3 | 5.7 | 5.3 | 5.2 |
| Non-OECD Total | 41.3 | 39.0 | 31.3 | 32.3 | 37.0 | 39.3 | 43.4 | 45.4 | 46.8 |
| <i>European Union - 27</i> | .. | .. | .. | 40.9 | 35.8 | 32.1 | 30.6 | 30.7 | 30.8 |
| OECD North America | 41.1 | 41.5 | 45.4 | 47.0 | 45.2 | 46.9 | 44.7 | 44.1 | 43.4 |
| OECD Pacific | 18.3 | 15.7 | 17.5 | 22.5 | 26.1 | 31.9 | 36.9 | 36.5 | 36.7 |
| OECD Europe | 44.5 | 41.0 | 43.3 | 38.4 | 33.3 | 29.8 | 28.4 | 28.6 | 28.3 |
| OECD Total | 39.6 | 38.0 | 41.1 | 40.4 | 38.2 | 38.7 | 37.9 | 37.6 | 37.2 |
| World | 40.1 | 38.3 | 38.0 | 37.4 | 37.7 | 38.9 | 40.3 | 41.0 | 41.6 |

Electricity generation from oil (% of total)
Production d'électricité à partir du pétrole (% du total)

Stromerzeugung auf Ölbasis (in %)

Produzione di energia termoelettrica da prodotti petroliferi (% del totale)

石油からの発電量(%)

Generación de electricidad a partir del petróleo (% del total)

Производство электроэнергии за счет потребления нефти (в % к общему производству)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Algeria | 46.3 | 18.2 | 12.2 | 5.4 | 3.3 | 3.0 | 2.1 | 2.1 | 2.1 |
| Angola | 18.5 | 17.3 | 11.9 | 13.8 | 6.3 | 36.9 | 15.7 | 9.9 | 15.5 |
| Benin | - | 100.0 | 100.0 | 100.0 | 100.0 | 97.6 | 99.1 | 100.0 | 99.2 |
| Botswana | .. | .. | .. | 11.9 | 2.0 | 2.9 | 0.6 | 0.6 | 0.5 |
| Cameroon | 2.7 | 4.5 | 6.1 | 1.5 | 1.1 | 1.1 | 5.8 | 11.2 | 25.5 |
| Congo | 30.7 | 39.6 | 35.5 | 0.6 | 0.6 | 0.3 | 0.2 | - | - |
| DR of Congo | 3.0 | 2.1 | 4.5 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Côte d'Ivoire | 76.4 | 78.9 | 22.7 | 33.3 | 35.0 | 0.3 | 0.2 | 0.3 | 0.3 |
| Egypt | 37.0 | 36.4 | 27.7 | 36.9 | 23.4 | 11.3 | 13.6 | 16.1 | 18.6 |
| Eritrea | .. | .. | .. | .. | 100.0 | 99.5 | 99.7 | 99.3 | 99.3 |
| Ethiopia | 48.7 | 43.7 | 29.8 | 11.6 | 6.5 | 1.4 | 0.4 | 0.3 | 3.8 |
| Gabon | 100.0 | 97.0 | 50.9 | 11.2 | 7.6 | 20.5 | 33.5 | 29.4 | 40.2 |
| Ghana | 1.2 | 1.0 | 0.8 | - | 0.3 | 8.5 | 17.1 | 33.3 | 46.6 |
| Kenya | 39.6 | 42.7 | 26.4 | 7.1 | 10.0 | 51.9 | 28.9 | 30.0 | 28.8 |
| Libyan Arab Jamahiriya | 100.0 | 100.0 | 100.0 | 100.0 | 77.2 | 78.1 | 71.6 | 59.1 | 55.1 |
| Morocco | 20.2 | 31.0 | 51.6 | 64.4 | 46.5 | 30.3 | 23.4 | 21.4 | 22.3 |
| Mozambique | 66.8 | 70.2 | 17.3 | 23.6 | 6.9 | 0.4 | 0.1 | 0.1 | 0.0 |
| Namibia | .. | .. | .. | .. | 1.0 | - | 0.3 | 0.6 | 0.5 |
| Nigeria | 10.7 | 17.7 | 17.7 | 13.7 | 8.7 | 6.9 | 8.9 | 8.8 | 4.9 |
| Senegal | 90.1 | 91.4 | 94.1 | 93.0 | 80.1 | 89.9 | 79.4 | 85.1 | 83.1 |
| South Africa | - | - | 0.0 | - | 0.2 | - | 0.0 | 0.0 | 0.4 |
| Sudan | 50.5 | 30.0 | 30.0 | 36.8 | 47.9 | 54.0 | 67.0 | 67.5 | 68.0 |
| United Rep. of Tanzania | 37.1 | 49.1 | 13.6 | 4.9 | 16.1 | 10.9 | 16.2 | 18.6 | 0.9 |
| Togo | 50.3 | 62.4 | 25.5 | 39.9 | 17.5 | 42.9 | 59.8 | 57.5 | 48.0 |
| Tunisia | 94.4 | 61.1 | 64.5 | 35.5 | 14.7 | 11.6 | 8.1 | 14.2 | 16.2 |
| Zambia | 5.0 | 1.3 | 0.5 | 0.3 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 |
| Zimbabwe | - | - | - | - | - | 0.9 | 0.2 | 0.2 | 0.3 |
| Other Africa | 67.9 | 65.2 | 51.6 | 40.9 | 46.1 | 44.7 | 44.1 | 46.8 | 46.8 |
| Africa | 11.7 | 10.9 | 12.2 | 13.6 | 10.6 | 9.1 | 9.9 | 10.4 | 11.1 |
| Argentina | 67.2 | 61.6 | 31.6 | 9.8 | 6.9 | 3.2 | 5.4 | 7.0 | 9.4 |
| Bolivia | 10.2 | 11.8 | 10.3 | 5.3 | 6.1 | 2.7 | 17.8 | 16.7 | 14.3 |
| Brazil | 11.8 | 7.2 | 3.8 | 2.5 | 2.7 | 4.4 | 2.9 | 3.0 | 3.1 |
| Chile | 25.6 | 20.5 | 14.7 | 9.2 | 6.7 | 2.3 | 6.4 | 4.6 | 24.6 |
| Colombia | 12.7 | 10.6 | 1.8 | 1.0 | 0.6 | 0.2 | 0.2 | 0.2 | 0.3 |
| Costa Rica | 9.6 | 15.5 | 4.3 | 2.5 | 17.0 | 0.9 | 3.3 | 6.1 | 8.0 |
| Cuba | 82.3 | 86.9 | 89.7 | 91.4 | 94.8 | 94.3 | 95.6 | 96.6 | 97.4 |
| Dominican Republic | 49.8 | 72.9 | 80.5 | 88.6 | 84.3 | 87.7 | 66.9 | 67.3 | 65.6 |
| Ecuador | 58.1 | 65.4 | 74.1 | 21.5 | 38.8 | 28.3 | 41.0 | 43.4 | 41.0 |
| El Salvador | 27.6 | 43.6 | 2.7 | 6.9 | 42.9 | 48.5 | 42.4 | 44.0 | 45.7 |
| Guatemala | 57.0 | 68.0 | 83.0 | 9.0 | 35.0 | 39.9 | 31.4 | 25.3 | 30.1 |
| Haiti | 52.4 | 21.3 | 26.1 | 20.6 | 48.9 | 48.3 | 52.3 | 52.5 | 67.2 |
| Honduras | 38.1 | 26.1 | 13.7 | 1.7 | 38.7 | 38.1 | 66.5 | 63.0 | 62.3 |
| Jamaica | 86.3 | 86.1 | 76.0 | 92.4 | 96.2 | 96.7 | 95.9 | 95.6 | 95.9 |
| Netherlands Antilles | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Nicaragua | 61.3 | 42.3 | 46.4 | 39.8 | 57.4 | 81.6 | 69.8 | 74.3 | 71.1 |
| Panama | 90.5 | 91.2 | 45.6 | 14.7 | 30.9 | 29.6 | 35.7 | 39.9 | 43.1 |
| Paraguay | 14.5 | 9.5 | 8.5 | 0.0 | 0.3 | - | - | - | - |
| Peru | 23.9 | 24.5 | 27.4 | 21.5 | 18.5 | 12.7 | 8.5 | 6.8 | 6.0 |
| Trinidad and Tobago | 3.9 | 2.0 | 2.3 | 0.1 | - | 0.1 | 0.2 | 0.2 | 0.2 |
| Uruguay | 37.9 | 38.1 | 23.5 | 5.1 | 6.6 | 6.7 | 12.5 | 35.1 | 13.0 |
| Venezuela | 9.6 | 19.1 | 32.4 | 11.5 | 3.2 | 9.0 | 13.1 | 12.4 | 11.4 |
| Other Latin America | 62.4 | 69.9 | 77.6 | 80.6 | 83.4 | 90.7 | 90.6 | 90.4 | 90.6 |
| Latin America | 30.1 | 28.2 | 19.5 | 10.4 | 9.8 | 10.4 | 10.9 | 11.1 | 12.5 |

Electricity generation from oil (% of total)
Production d'électricité à partir du pétrole (% du total)

Stromerzeugung auf Ölbasis (in %)

Produzione di energia termoelettrica da prodotti petroliferi (% del totale)

石油からの発電量(%)

Generación de electricidad a partir del petróleo (% del total)

Производство электроэнергии за счет потребления нефти (в % к общему производству)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|------------|------------|
| Bangladesh | 43.1 | 41.7 | 26.6 | 4.3 | 8.5 | 6.5 | 6.7 | 6.7 | 6.7 |
| Brunei Darussalam | 1.6 | - | 1.2 | 0.9 | 0.8 | 0.9 | 0.9 | 1.0 | 1.0 |
| Cambodia | .. | .. | .. | .. | 100.0 | 100.0 | 95.0 | 95.1 | 95.9 |
| Chinese Taipei | 68.2 | 76.7 | 59.9 | 26.5 | 24.8 | 16.6 | 6.8 | 8.0 | 6.5 |
| India | 6.3 | 7.0 | 6.4 | 3.5 | 2.7 | 4.9 | 4.0 | 3.9 | 4.1 |
| Indonesia | 40.4 | 46.2 | 72.0 | 42.7 | 20.4 | 19.1 | 30.6 | 29.1 | 26.5 |
| DPR of Korea | 2.4 | 5.8 | 2.0 | 3.6 | 1.5 | 4.1 | 3.6 | 2.8 | 3.5 |
| Malaysia | 72.4 | 76.8 | 84.9 | 48.4 | 21.1 | 5.1 | 2.9 | 3.5 | 2.0 |
| Mongolia | .. | .. | .. | 7.6 | 4.2 | 2.9 | 3.0 | 3.1 | 3.9 |
| Myanmar | 23.2 | 20.7 | 31.3 | 10.9 | 5.4 | 13.5 | 10.3 | 4.5 | 4.5 |
| Nepal | 22.1 | 22.1 | 6.5 | 0.1 | 3.1 | 1.6 | 0.4 | 0.4 | 0.4 |
| Pakistan | 4.2 | 3.2 | 1.1 | 20.6 | 30.8 | 39.5 | 20.3 | 28.6 | 32.2 |
| Philippines | 78.7 | 85.7 | 67.9 | 45.3 | 56.8 | 20.3 | 10.7 | 7.8 | 7.5 |
| Singapore | 100.0 | 100.0 | 100.0 | 100.0 | 65.2 | 81.5 | 25.6 | 22.0 | 21.3 |
| Sri Lanka | 7.3 | 31.3 | 11.3 | 0.2 | 7.3 | 54.2 | 62.8 | 51.0 | 59.9 |
| Thailand | 53.6 | 69.5 | 81.4 | 23.5 | 30.5 | 10.4 | 6.6 | 6.1 | 2.7 |
| Vietnam | - | - | 18.3 | 15.0 | 8.8 | 17.0 | 3.5 | 2.4 | 3.5 |
| Other Asia | 59.6 | 75.3 | 67.8 | 45.2 | 45.6 | 41.3 | 48.7 | 46.4 | 46.4 |
| Asia | 25.1 | 31.9 | 31.5 | 18.0 | 16.1 | 13.5 | 9.3 | 9.3 | 8.8 |
| People's Rep. of China | 7.9 | 18.6 | 25.8 | 7.9 | 5.4 | 3.4 | 2.4 | 1.8 | 1.0 |
| Hong Kong, China | 100.0 | 100.0 | 100.0 | 1.7 | 2.3 | 0.4 | 0.3 | 0.3 | 0.2 |
| China | 11.4 | 21.8 | 28.8 | 7.6 | 5.3 | 3.3 | 2.4 | 1.8 | 1.0 |
| Albania | 42.9 | 33.8 | 20.6 | 10.9 | 4.8 | 3.0 | 1.3 | 1.8 | 2.5 |
| Bosnia and Herzegovina | .. | .. | .. | 7.3 | 0.8 | 0.5 | 1.1 | 1.2 | 1.3 |
| Bulgaria | 8.2 | 11.0 | 22.5 | 2.9 | 3.5 | 1.6 | 1.4 | 0.8 | 1.3 |
| Croatia | .. | .. | .. | 31.6 | 27.8 | 15.1 | 15.0 | 15.9 | 19.2 |
| Cyprus | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 |
| Gibraltar | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| FYR of Macedonia | .. | .. | .. | 1.8 | 0.6 | 6.3 | 0.2 | 3.6 | 7.1 |
| Malta | 100.0 | 100.0 | 100.0 | 44.1 | 94.5 | 100.0 | 100.0 | 100.0 | 100.0 |
| Romania | 7.0 | 9.6 | 9.6 | 18.4 | 9.8 | 6.5 | 3.2 | 2.6 | 1.8 |
| Serbia | .. | .. | .. | 4.6 | 0.7 | 0.9 | 1.9 | 0.9 | 1.3 |
| Slovenia | .. | .. | .. | 7.9 | 2.0 | 0.4 | 0.3 | 0.3 | 0.2 |
| Former Yugoslavia | 2.9 | 5.3 | 8.0 | x | x | x | x | x | x |
| Non-OECD Europe | 7.5 | 9.9 | 12.8 | 11.7 | 8.3 | 6.8 | 6.1 | 5.8 | 6.3 |
| Armenia | .. | .. | .. | 68.6 | 7.6 | - | - | - | - |
| Azerbaijan | .. | .. | .. | 97.0 | 72.3 | 72.0 | 27.7 | 25.9 | 15.7 |
| Belarus | .. | .. | .. | 41.8 | 29.3 | 6.6 | 2.9 | 4.6 | 0.5 |
| Estonia | .. | .. | .. | 8.3 | 1.2 | 0.7 | 0.3 | 0.3 | 0.3 |
| Georgia | .. | .. | .. | 29.2 | 21.0 | 3.7 | 0.9 | 0.3 | 0.3 |
| Kazakhstan | .. | .. | .. | 10.0 | 7.3 | 4.3 | 7.4 | 8.1 | 8.3 |
| Latvia | .. | .. | .. | 5.4 | 10.5 | 2.6 | 0.1 | 0.1 | 0.4 |
| Lithuania | .. | .. | .. | 14.6 | 7.9 | 5.9 | 2.8 | 2.7 | 3.0 |
| Republic of Moldova | .. | .. | .. | 25.4 | 6.0 | 1.0 | 0.7 | 0.5 | 0.9 |
| Russian Federation | .. | .. | .. | 11.9 | 7.9 | 3.8 | 2.2 | 2.5 | 1.7 |
| Ukraine | .. | .. | .. | 16.1 | 5.4 | 0.7 | 0.3 | 0.4 | 0.4 |
| Uzbekistan | .. | .. | .. | 4.4 | 11.2 | 11.2 | 13.6 | 12.8 | 11.3 |
| Former Soviet Union | 18.1 | 21.9 | 26.0 | 14.4 | 8.7 | 4.6 | 2.9 | 3.1 | 2.3 |

Electricity generation from oil (% of total)
Production d'électricité à partir du pétrole (% du total)

Stromerzeugung auf Ölbasis (in %)

Produzione di energia termoelettrica da prodotti petroliferi (% del totale)

石油からの発電量(%)

Generación de electricidad a partir del petróleo (% del total)

Производство электроэнергии за счет потребления нефти (в % к общему производству)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bahrain | - | - | - | - | - | - | - | 6.2 | 3.1 |
| Islamic Republic of Iran | 61.7 | 59.4 | 50.1 | 37.3 | 30.7 | 20.4 | 18.0 | 13.6 | 12.5 |
| Iraq | 92.9 | 91.8 | 93.9 | 89.2 | 98.0 | 98.1 | 98.5 | 98.5 | 98.5 |
| Israel | 99.2 | 100.0 | 100.0 | 49.9 | 37.3 | 31.1 | 13.7 | 11.1 | 10.8 |
| Jordan | 100.0 | 100.0 | 100.0 | 87.8 | 86.4 | 89.4 | 44.3 | 29.1 | 23.0 |
| Kuwait | 0.3 | 1.7 | 30.1 | 54.3 | 51.0 | 70.6 | 82.1 | 72.5 | 72.3 |
| Lebanon | 39.0 | 73.3 | 69.1 | 66.7 | 86.9 | 94.3 | 89.7 | 92.5 | 93.9 |
| Oman | 100.0 | 100.0 | 21.5 | 18.4 | 19.5 | 17.2 | 18.0 | 18.0 | 18.0 |
| Qatar | 9.5 | 9.5 | 2.7 | - | - | - | - | - | - |
| Saudi Arabia | 100.0 | 100.0 | 34.7 | 51.9 | 57.2 | 56.5 | 50.6 | 52.3 | 55.2 |
| Syrian Arab Republic | 96.2 | 98.8 | 31.9 | 56.0 | 53.2 | 50.1 | 53.0 | 51.2 | 59.7 |
| United Arab Emirates | - | - | 3.7 | 3.7 | 3.1 | 3.1 | 2.1 | 2.0 | 1.9 |
| Yemen | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Middle East | 71.5 | 70.1 | 51.9 | 47.3 | 46.4 | 42.4 | 36.9 | 34.6 | 34.9 |
| Non-OECD Total | 19.2 | 23.0 | 25.3 | 15.1 | 12.3 | 10.4 | 8.3 | 7.9 | 7.5 |
| <i>European Union - 27</i> | .. | .. | .. | 8.6 | 8.4 | 6.0 | 4.2 | 4.0 | 3.4 |
| OECD North America | 12.9 | 15.9 | 11.0 | 5.7 | 4.2 | 4.8 | 4.3 | 2.8 | 2.7 |
| OECD Pacific | 54.2 | 63.2 | 41.1 | 24.0 | 18.7 | 11.0 | 9.4 | 7.9 | 9.9 |
| OECD Europe | 22.7 | 25.3 | 17.8 | 7.7 | 7.8 | 5.6 | 3.9 | 3.6 | 3.1 |
| OECD Total | 21.5 | 25.3 | 17.3 | 9.1 | 7.7 | 6.1 | 5.0 | 3.9 | 4.1 |
| World | 20.9 | 24.7 | 19.9 | 11.3 | 9.4 | 7.7 | 6.4 | 5.7 | 5.6 |

Electricity generation from gas (% of total)
Production d'électricité à partir du gaz (% du total)

Stromerzeugung auf Gasbasis (in %)

Produzione di energia termoelettrica da gas (% del totale)

ガスからの発電量 (%)

Generación de electricidad a partir del gas natural (% del total)

Производство электроэнергии за счет потребления газа (в % к общему производству)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Algeria | 38.9 | 55.0 | 84.1 | 93.7 | 95.7 | 96.7 | 96.2 | 97.3 | 97.3 |
| Cameroon | - | - | - | - | - | - | - | - | 7.6 |
| Congo | 8.0 | 8.3 | - | - | - | - | 18.0 | 17.9 | 17.7 |
| Côte d'Ivoire | - | - | - | - | 4.5 | 63.0 | 72.6 | 71.0 | 65.7 |
| Egypt | - | - | 20.5 | 39.6 | 54.7 | 71.0 | 74.3 | 72.1 | 68.4 |
| Gabon | - | - | - | 16.4 | 22.1 | 17.9 | 15.5 | 15.6 | 16.0 |
| Libyan Arab Jamahiriya | - | - | - | - | 22.8 | 21.9 | 28.4 | 40.9 | 44.9 |
| Morocco | - | - | - | - | - | - | 10.7 | 12.8 | 13.6 |
| Mozambique | - | - | - | - | 0.2 | 0.0 | 0.1 | 0.1 | 0.1 |
| Nigeria | 5.9 | 11.5 | 43.6 | 53.7 | 56.6 | 54.1 | 57.3 | 57.8 | 67.2 |
| Senegal | - | - | - | 2.3 | 15.8 | 0.1 | 2.4 | 1.9 | 2.0 |
| United Rep. of Tanzania | - | - | - | - | - | - | 31.8 | 37.7 | 36.2 |
| Tunisia | - | 32.7 | 34.7 | 63.7 | 84.8 | 87.6 | 90.6 | 84.9 | 83.1 |
| Africa | 1.1 | 2.0 | 7.6 | 13.6 | 18.1 | 23.6 | 27.3 | 27.4 | 27.6 |
| Argentina | 22.9 | 24.5 | 22.0 | 39.2 | 39.5 | 54.7 | 52.4 | 50.2 | 54.3 |
| Bolivia | 1.5 | 2.7 | 20.0 | 37.6 | 49.8 | 46.1 | 38.7 | 39.3 | 42.3 |
| Brazil | - | - | - | 0.0 | 0.2 | 1.1 | 4.7 | 4.4 | 3.5 |
| Chile | 1.1 | 1.1 | 1.3 | 2.1 | 1.7 | 22.7 | 25.9 | 20.7 | 7.9 |
| Colombia | 9.3 | 8.7 | 19.3 | 12.4 | 13.0 | 19.1 | 14.7 | 13.7 | 11.9 |
| Cuba | - | - | - | 0.2 | 0.1 | 0.0 | - | - | - |
| Dominican Republic | - | - | - | - | - | - | 8.2 | 9.1 | 11.5 |
| Ecuador | - | - | - | - | - | - | 7.7 | 11.1 | 6.8 |
| Peru | 0.3 | 0.5 | 1.9 | 1.7 | 1.1 | 3.6 | 8.6 | 10.4 | 24.3 |
| Trinidad and Tobago | 92.5 | 95.4 | 96.5 | 99.0 | 99.2 | 99.6 | 99.5 | 99.4 | 99.6 |
| Uruguay | - | - | - | - | - | - | 0.0 | 0.1 | 0.0 |
| Venezuela | 50.7 | 43.1 | 26.9 | 26.2 | 26.8 | 17.3 | 14.1 | 14.9 | 16.3 |
| Other Latin America | - | - | - | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Latin America | 10.6 | 9.8 | 8.3 | 9.1 | 9.5 | 11.9 | 13.5 | 13.2 | 12.7 |
| Bangladesh | 39.9 | 34.7 | 48.6 | 84.3 | 88.0 | 87.5 | 87.6 | 87.6 | 87.6 |
| Brunei Darussalam | 98.4 | 100.0 | 98.8 | 99.1 | 99.2 | 99.1 | 99.1 | 99.0 | 99.0 |
| Chinese Taipei | - | - | - | 1.4 | 4.6 | 9.7 | 16.5 | 16.4 | 17.8 |
| India | 0.6 | 0.5 | 0.5 | 3.4 | 7.0 | 7.7 | 8.8 | 8.3 | 8.3 |
| Indonesia | - | - | 0.0 | 2.3 | 37.5 | 28.2 | 15.1 | 14.6 | 15.7 |
| Malaysia | - | - | 1.2 | 22.0 | 57.9 | 77.6 | 64.9 | 62.8 | 62.0 |
| Myanmar | 3.9 | 6.6 | 13.2 | 39.3 | 54.6 | 49.5 | 39.8 | 41.6 | 41.6 |
| Pakistan | 44.7 | 40.4 | 40.5 | 33.6 | 26.8 | 32.0 | 44.0 | 36.4 | 34.4 |
| Philippines | - | - | - | - | 0.0 | 0.0 | 30.0 | 29.2 | 32.6 |
| Singapore | - | - | - | - | 34.8 | 18.5 | 74.4 | 78.0 | 78.7 |
| Thailand | - | - | - | 40.2 | 42.3 | 63.3 | 71.2 | 67.8 | 67.3 |
| Vietnam | - | - | - | 0.1 | 5.1 | 16.4 | 40.8 | 35.8 | 32.1 |
| Asia | 3.3 | 2.8 | 3.1 | 9.0 | 16.9 | 20.3 | 25.1 | 23.8 | 23.8 |
| People's Rep. of China | - | - | 0.2 | 0.4 | 0.3 | 0.4 | 0.5 | 0.5 | 0.9 |
| Hong Kong, China | - | - | - | - | 0.3 | 39.1 | 29.3 | 30.8 | 26.5 |
| China | - | - | 0.2 | 0.4 | 0.3 | 1.3 | 0.9 | 0.9 | 1.2 |
| Bulgaria | - | - | - | 7.6 | 7.7 | 4.7 | 3.9 | 4.7 | 5.4 |
| Croatia | .. | .. | .. | 20.2 | 10.1 | 14.8 | 14.7 | 16.7 | 25.4 |
| FYR of Macedonia | .. | .. | .. | - | - | 0.0 | 0.0 | 0.0 | - |
| Romania | 55.4 | 48.3 | 40.2 | 35.1 | 26.9 | 17.3 | 16.2 | 18.9 | 18.7 |
| Serbia | .. | .. | .. | 3.2 | 1.0 | 1.1 | 0.9 | 0.3 | 1.1 |
| Slovenia | .. | .. | .. | 0.0 | 0.1 | 2.2 | 2.2 | 2.5 | 3.0 |
| Former Yugoslavia | 0.8 | 1.9 | 2.1 | x | x | x | x | x | x |
| Non-OECD Europe | 23.9 | 21.8 | 16.9 | 14.8 | 11.6 | 7.4 | 6.9 | 8.1 | 9.0 |

Electricity generation from gas (% of total)
Production d'électricité à partir du gaz (% du total)

Stromerzeugung auf Gasbasis (in %)

Produzione di energia termoelettrica da gas (% del totale)

ガスからの発電量 (%)

Generación de electricidad a partir del gas natural (% del total)

Производство электроэнергии за счет потребления газа (в % к общему производству)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Armenia | .. | .. | .. | 16.4 | 52.4 | 45.2 | 28.9 | 24.8 | 25.2 |
| Azerbaijan | .. | .. | .. | - | 18.6 | 19.8 | 58.1 | 63.5 | 74.5 |
| Belarus | .. | .. | .. | 58.1 | 70.6 | 93.3 | 96.8 | 95.0 | 99.0 |
| Estonia | .. | .. | .. | 5.9 | 3.4 | 8.9 | 7.4 | 8.0 | 4.8 |
| Georgia | .. | .. | .. | 15.6 | 15.2 | 17.4 | 13.3 | 26.7 | 17.9 |
| Kazakhstan | .. | .. | .. | 10.5 | 8.2 | 10.7 | 10.7 | 10.7 | 10.7 |
| Kyrgyzstan | .. | .. | .. | 23.5 | 17.4 | 10.4 | 9.5 | 9.6 | 10.8 |
| Latvia | .. | .. | .. | 26.1 | 13.2 | 27.3 | 30.3 | 42.9 | 40.3 |
| Lithuania | .. | .. | .. | 23.8 | 1.7 | 14.5 | 20.9 | 20.4 | 17.9 |
| Republic of Moldova | .. | .. | .. | 42.3 | 57.1 | 92.4 | 97.6 | 97.5 | 98.2 |
| Russian Federation | .. | .. | .. | 47.3 | 41.2 | 42.3 | 46.2 | 46.1 | 48.0 |
| Tajikistan | .. | .. | .. | 9.1 | 1.5 | 1.6 | 0.7 | 1.4 | 2.2 |
| Turkmenistan | .. | .. | .. | 95.2 | 100.0 | 99.9 | 100.0 | 100.0 | 100.0 |
| Ukraine | .. | .. | .. | 16.7 | 16.9 | 17.5 | 18.6 | 12.7 | 13.0 |
| Uzbekistan | .. | .. | .. | 76.4 | 72.3 | 72.3 | 68.8 | 69.6 | 70.6 |
| Former Soviet Union | 19.1 | 18.5 | 20.6 | 39.2 | 36.2 | 38.5 | 41.7 | 41.1 | 42.6 |
| Bahrain | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 93.8 | 96.9 |
| Islamic Republic of Iran | 5.3 | 17.1 | 24.8 | 52.5 | 60.7 | 76.6 | 73.0 | 76.9 | 78.6 |
| Israel | 0.8 | - | - | - | 0.0 | 0.0 | 11.5 | 18.0 | 19.7 |
| Jordan | - | - | - | 11.9 | 13.3 | 10.1 | 55.0 | 70.3 | 76.4 |
| Kuwait | 99.7 | 98.3 | 69.9 | 45.7 | 49.0 | 29.4 | 17.9 | 27.5 | 27.7 |
| Oman | - | - | 78.5 | 81.6 | 80.5 | 82.8 | 82.0 | 82.0 | 82.0 |
| Qatar | 90.5 | 90.5 | 97.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Saudi Arabia | - | - | 65.3 | 48.1 | 42.8 | 43.5 | 49.4 | 47.7 | 44.8 |
| Syrian Arab Republic | - | - | 3.4 | 20.5 | 31.7 | 37.1 | 37.1 | 38.0 | 31.2 |
| United Arab Emirates | 100.0 | 100.0 | 96.3 | 96.3 | 96.9 | 96.9 | 97.9 | 98.0 | 98.1 |
| Middle East | 14.7 | 20.0 | 37.9 | 43.3 | 44.7 | 49.5 | 54.1 | 56.5 | 56.7 |
| Non-OECD Total | 14.0 | 13.4 | 14.4 | 22.5 | 19.4 | 20.8 | 20.9 | 20.2 | 19.9 |
| <i>European Union - 27</i> | .. | .. | .. | 7.5 | 9.9 | 16.0 | 20.2 | 20.5 | 21.8 |
| OECD North America | 21.1 | 17.0 | 13.6 | 10.7 | 13.4 | 14.6 | 17.7 | 19.3 | 20.7 |
| OECD Pacific | 1.6 | 2.4 | 12.3 | 17.6 | 17.8 | 20.0 | 19.4 | 21.0 | 22.9 |
| OECD Europe | 5.5 | 7.4 | 6.7 | 6.3 | 9.3 | 16.0 | 20.7 | 21.1 | 22.4 |
| OECD Total | 13.0 | 11.7 | 10.9 | 10.2 | 12.7 | 16.0 | 19.0 | 20.2 | 21.7 |
| World | 13.3 | 12.1 | 12.1 | 14.6 | 15.1 | 17.8 | 19.8 | 20.2 | 20.9 |

Electricity generation from nuclear energy (% of total)
Production d'électricité à partir d'énergie nucléaire (% du total)
Stromerzeugung auf Kernkraftbasis (in %)
Produzione di energia nucleotermoelettrica (% del totale)
原子力からの発電量 (%)
Generación de electricidad a partir de energía nuclear (% del total)
Производство атомной электроэнергии (в % к общему производству)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| South Africa | - | - | - | 5.1 | 6.1 | 6.3 | 4.7 | 4.0 | 4.3 |
| Africa | - | - | - | 2.7 | 3.1 | 2.9 | 2.0 | 1.7 | 1.8 |
| Argentina | - | - | 5.9 | 14.3 | 10.5 | 6.9 | 6.5 | 6.7 | 6.3 |
| Brazil | - | - | - | 1.0 | 0.9 | 1.7 | 2.4 | 3.3 | 2.8 |
| Latin America | - | - | 0.8 | 1.9 | 1.5 | 1.6 | 1.8 | 2.2 | 1.9 |
| Chinese Taipei | - | - | 19.2 | 37.2 | 27.4 | 21.3 | 17.9 | 17.2 | 16.9 |
| India | 1.8 | 3.3 | 2.5 | 2.1 | 1.9 | 3.0 | 2.5 | 2.5 | 2.1 |
| Pakistan | 1.4 | 3.6 | 0.0 | 0.8 | 0.8 | 2.9 | 2.6 | 2.3 | 3.2 |
| Asia | 1.0 | 1.7 | 4.1 | 6.3 | 4.8 | 4.6 | 3.7 | 3.6 | 3.4 |
| People's Rep. of China | - | - | - | - | 1.3 | 1.2 | 2.1 | 1.9 | 1.9 |
| China | - | - | - | - | 1.2 | 1.2 | 2.1 | 1.9 | 1.9 |
| Bulgaria | - | - | 17.7 | 34.8 | 41.3 | 44.7 | 42.4 | 42.8 | 34.1 |
| Romania | - | - | - | - | - | 10.5 | 9.3 | 9.0 | 12.5 |
| Slovenia | .. | .. | .. | 37.1 | 37.0 | 34.9 | 38.9 | 36.7 | 37.9 |
| Non-OECD Europe | - | - | 3.7 | 9.9 | 12.5 | 15.9 | 15.1 | 15.0 | 14.2 |
| Armenia | .. | .. | .. | - | 5.5 | 33.7 | 43.0 | 44.4 | 43.3 |
| Lithuania | .. | .. | .. | 60.0 | 87.4 | 75.7 | 71.7 | 71.6 | 73.0 |
| Russian Federation | .. | .. | .. | 10.9 | 11.6 | 14.9 | 15.7 | 15.7 | 15.8 |
| Ukraine | .. | .. | .. | 25.5 | 36.4 | 45.1 | 47.7 | 46.7 | 47.2 |
| Former Soviet Union | 0.8 | 1.3 | 5.6 | 12.2 | 14.1 | 17.2 | 18.0 | 17.7 | 17.8 |
| Non-OECD Total | 0.5 | 0.9 | 3.5 | 6.8 | 5.9 | 6.0 | 5.4 | 5.1 | 4.9 |
| <i>European Union - 27</i> | .. | .. | .. | 31.0 | 32.5 | 31.5 | 30.5 | 29.8 | 28.1 |
| OECD North America | 2.3 | 4.6 | 10.6 | 18.0 | 19.2 | 18.2 | 17.8 | 18.0 | 18.0 |
| OECD Pacific | 1.7 | 1.7 | 11.8 | 22.6 | 26.5 | 27.2 | 25.6 | 25.3 | 22.0 |
| OECD Europe | 3.6 | 4.6 | 11.2 | 29.7 | 30.7 | 29.2 | 28.1 | 27.7 | 25.9 |
| OECD Total | 2.7 | 4.2 | 11.0 | 22.8 | 24.2 | 23.3 | 22.6 | 22.5 | 21.3 |
| World | 2.1 | 3.3 | 8.6 | 17.0 | 17.6 | 16.8 | 15.2 | 14.7 | 13.8 |

Electricity generation from hydro energy (% of total)
Production d'électricité à partir d'énergie hydraulique (% du total)

Stromerzeugung auf Wasserkraftbasis (in %)

Produzione di energia idroelettrica (% del totale)

水力からの発電量 (%)

Generación de electricidad a partir de energía hidráulica (% del total)

Производство гидроэлектроэнергии (в % к общему производству)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Algeria | 14.8 | 26.8 | 3.6 | 0.8 | 1.0 | 0.2 | 1.6 | 0.6 | 0.6 |
| Angola | 81.5 | 82.7 | 88.1 | 86.2 | 93.8 | 63.1 | 84.3 | 90.1 | 84.5 |
| Benin | - | - | - | - | - | 2.4 | 0.9 | - | 0.8 |
| Cameroon | 97.3 | 95.5 | 93.9 | 98.5 | 98.9 | 98.9 | 94.2 | 76.2 | 66.9 |
| Congo | 61.4 | 52.1 | 64.5 | 99.4 | 99.4 | 99.7 | 81.8 | 82.1 | 82.3 |
| DR of Congo | 97.0 | 97.9 | 95.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| Côte d'Ivoire | 23.6 | 21.1 | 77.3 | 66.7 | 60.5 | 36.8 | 25.3 | 26.7 | 31.9 |
| Egypt | 63.0 | 63.6 | 51.8 | 23.5 | 21.9 | 17.5 | 11.6 | 11.2 | 12.4 |
| Ethiopia | 51.3 | 56.3 | 70.2 | 88.4 | 93.5 | 98.3 | 99.6 | 99.7 | 96.2 |
| Gabon | - | 3.0 | 49.1 | 72.1 | 69.4 | 61.1 | 50.6 | 54.6 | 43.4 |
| Ghana | 98.8 | 99.0 | 99.2 | 100.0 | 99.7 | 91.5 | 82.9 | 66.7 | 53.4 |
| Kenya | 46.6 | 45.3 | 65.0 | 76.6 | 75.5 | 32.3 | 49.4 | 49.7 | 51.4 |
| Morocco | 66.4 | 41.5 | 28.9 | 12.7 | 5.0 | 5.2 | 6.4 | 6.9 | 5.8 |
| Mozambique | 33.2 | 29.8 | 65.2 | 62.6 | 92.9 | 99.5 | 99.8 | 99.9 | 99.9 |
| Namibia | .. | .. | .. | .. | 96.8 | 99.6 | 97.9 | 92.9 | 92.3 |
| Nigeria | 83.4 | 70.8 | 38.8 | 32.6 | 34.7 | 39.0 | 33.8 | 33.4 | 27.9 |
| Senegal | - | - | - | - | - | - | 10.5 | 9.6 | 10.8 |
| South Africa | 0.2 | 1.5 | 1.0 | 0.6 | 0.3 | 0.5 | 0.6 | 1.2 | 0.4 |
| Sudan | 49.5 | 70.0 | 70.0 | 63.2 | 52.1 | 46.0 | 33.0 | 32.5 | 32.0 |
| United Rep. of Tanzania | 62.9 | 50.9 | 86.4 | 95.1 | 80.0 | 86.4 | 49.2 | 40.7 | 60.1 |
| Togo | 49.7 | 37.6 | 74.5 | 60.1 | 82.5 | 57.1 | 39.2 | 41.2 | 46.9 |
| Tunisia | 5.6 | 6.2 | 0.8 | 0.8 | 0.5 | 0.6 | 1.1 | 0.7 | 0.3 |
| Zambia | 74.7 | 92.0 | 98.9 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| Zimbabwe | 67.3 | 67.4 | 88.3 | 46.7 | 29.3 | 46.6 | 56.8 | 56.8 | 56.8 |
| Other Africa | 32.1 | 34.8 | 48.4 | 48.9 | 48.3 | 45.3 | 44.5 | 39.4 | 39.4 |
| Africa | 24.8 | 26.6 | 25.8 | 17.8 | 16.6 | 16.9 | 16.0 | 16.0 | 15.6 |
| Argentina | 6.5 | 11.2 | 38.1 | 35.2 | 40.0 | 32.4 | 32.2 | 33.0 | 26.5 |
| Bolivia | 87.7 | 84.4 | 68.2 | 55.3 | 41.8 | 49.5 | 40.0 | 40.8 | 40.4 |
| Brazil | 83.7 | 89.4 | 92.5 | 92.8 | 92.1 | 87.3 | 83.7 | 83.2 | 84.0 |
| Chile | 56.4 | 63.8 | 67.0 | 48.5 | 65.7 | 48.5 | 50.5 | 52.7 | 39.5 |
| Colombia | 65.3 | 68.5 | 69.9 | 75.6 | 75.3 | 74.2 | 79.0 | 79.4 | 80.4 |
| Costa Rica | 89.5 | 84.0 | 95.2 | 97.5 | 73.1 | 82.1 | 79.6 | 75.9 | 74.8 |
| Cuba | 2.2 | 1.1 | 1.0 | 0.8 | 0.7 | 0.7 | 0.6 | 0.7 | 0.7 |
| Dominican Republic | 50.2 | 23.6 | 17.1 | 9.4 | 11.0 | 8.9 | 14.7 | 10.0 | 9.4 |
| Ecuador | 41.9 | 34.6 | 25.9 | 78.5 | 61.2 | 71.7 | 51.4 | 45.5 | 52.1 |
| El Salvador | 70.3 | 53.9 | 63.7 | 73.5 | 43.7 | 30.5 | 35.0 | 35.1 | 30.0 |
| Guatemala | 37.7 | 26.7 | 12.9 | 76.0 | 49.0 | 37.8 | 42.8 | 48.3 | 41.5 |
| Haiti | 32.9 | 68.9 | 70.1 | 76.5 | 51.1 | 51.7 | 47.7 | 47.5 | 32.8 |
| Honduras | 61.9 | 73.9 | 86.3 | 98.3 | 61.3 | 61.9 | 30.9 | 34.6 | 35.1 |
| Jamaica | 7.5 | 4.5 | 7.2 | 3.6 | 1.6 | 1.7 | 2.0 | 2.2 | 2.1 |
| Nicaragua | 30.9 | 51.7 | 48.1 | 28.8 | 22.7 | 9.2 | 15.1 | 10.4 | 9.5 |
| Panama | 9.2 | 8.7 | 53.2 | 83.2 | 68.7 | 69.9 | 63.9 | 59.8 | 56.6 |
| Paraguay | 68.5 | 79.9 | 85.9 | 99.9 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| Peru | 72.0 | 71.6 | 69.9 | 75.8 | 79.4 | 81.2 | 78.3 | 78.5 | 65.3 |
| Uruguay | 61.7 | 61.6 | 76.3 | 94.2 | 92.8 | 92.9 | 87.0 | 64.0 | 85.6 |
| Venezuela | 39.7 | 37.9 | 40.7 | 62.3 | 70.1 | 73.7 | 72.9 | 72.7 | 72.3 |
| Other Latin America | 34.2 | 27.2 | 19.7 | 17.8 | 15.3 | 8.2 | 8.5 | 8.7 | 8.4 |
| Latin America | 54.0 | 57.7 | 67.3 | 73.7 | 74.6 | 70.9 | 68.3 | 67.7 | 66.5 |

Electricity generation from hydro energy (% of total)
Production d'électricité à partir d'énergie hydraulique (% du total)

Stromerzeugung auf Wasserkraftbasis (in %)

Produzione di energia idroelettrica (% del totale)

水力からの発電量 (%)

Generación de electricidad a partir de energía hidráulica (% del total)

Производство гидроэлектрoэнергии (в % к общему производству)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bangladesh | 17.0 | 23.6 | 24.8 | 11.4 | 3.4 | 6.0 | 5.7 | 5.7 | 5.7 |
| Cambodia | .. | .. | .. | .. | - | - | 5.0 | 4.7 | 3.7 |
| Chinese Taipei | 19.5 | 16.4 | 6.9 | 7.2 | 3.7 | 2.5 | 1.8 | 1.8 | 1.8 |
| India | 42.2 | 39.8 | 39.0 | 24.8 | 17.4 | 13.2 | 14.6 | 15.1 | 15.4 |
| Indonesia | 59.6 | 53.8 | 28.0 | 20.2 | 14.0 | 10.8 | 8.4 | 7.2 | 7.9 |
| DPR of Korea | 61.6 | 57.2 | 50.0 | 56.3 | 61.7 | 52.6 | 57.3 | 56.2 | 61.7 |
| Malaysia | 27.6 | 23.2 | 13.9 | 17.3 | 13.7 | 10.7 | 6.1 | 7.2 | 6.4 |
| Myanmar | 69.0 | 70.2 | 53.5 | 48.1 | 40.0 | 37.0 | 49.8 | 53.9 | 53.9 |
| Nepal | 77.9 | 77.9 | 93.5 | 99.9 | 96.9 | 98.4 | 99.6 | 99.6 | 99.6 |
| Pakistan | 48.6 | 52.0 | 58.2 | 44.9 | 40.7 | 25.2 | 32.9 | 32.5 | 30.0 |
| Philippines | 21.1 | 14.2 | 19.6 | 22.1 | 18.6 | 17.2 | 14.8 | 17.5 | 14.4 |
| Sri Lanka | 92.7 | 68.7 | 88.7 | 99.8 | 92.7 | 45.6 | 37.0 | 48.8 | 39.9 |
| Thailand | 40.3 | 27.0 | 8.8 | 11.3 | 8.4 | 6.3 | 4.4 | 5.9 | 5.7 |
| Vietnam | 26.7 | 17.9 | 41.8 | 61.8 | 72.2 | 54.8 | 39.4 | 38.7 | 43.0 |
| Other Asia | 40.4 | 24.7 | 32.2 | 54.8 | 54.4 | 58.7 | 51.3 | 53.6 | 53.6 |
| Asia | 39.6 | 34.9 | 30.9 | 23.8 | 18.0 | 13.5 | 13.8 | 14.3 | 14.3 |
| People's Rep. of China | 21.7 | 22.8 | 19.4 | 20.4 | 18.9 | 16.4 | 15.9 | 15.2 | 14.8 |
| China | 20.8 | 21.9 | 18.6 | 19.5 | 18.4 | 16.0 | 15.6 | 15.0 | 14.6 |
| Albania | 57.1 | 66.2 | 79.4 | 89.1 | 95.2 | 97.0 | 98.7 | 98.2 | 97.5 |
| Bosnia and Herzegovina | .. | .. | .. | 20.9 | 82.8 | 48.8 | 47.5 | 43.9 | 33.8 |
| Bulgaria | 10.3 | 11.7 | 10.7 | 4.5 | 5.5 | 6.6 | 9.9 | 9.3 | 6.7 |
| Croatia | .. | .. | .. | 41.3 | 59.4 | 55.5 | 51.3 | 48.8 | 35.1 |
| FYR of Macedonia | .. | .. | .. | 8.5 | 13.1 | 17.2 | 21.5 | 23.5 | 15.0 |
| Romania | 11.4 | 16.1 | 18.7 | 17.7 | 28.2 | 28.5 | 34.0 | 29.3 | 25.9 |
| Serbia | .. | .. | .. | 23.1 | 35.4 | 35.1 | 33.0 | 30.1 | 27.5 |
| Slovenia | .. | .. | .. | 23.7 | 25.2 | 28.1 | 22.9 | 23.8 | 21.7 |
| Former Yugoslavia | 53.0 | 46.8 | 47.2 | x | x | x | x | x | x |
| Non-OECD Europe | 24.9 | 25.9 | 28.4 | 18.3 | 27.4 | 28.0 | 29.7 | 27.2 | 22.4 |
| Armenia | .. | .. | .. | 15.0 | 34.5 | 21.2 | 28.1 | 30.7 | 31.4 |
| Azerbaijan | .. | .. | .. | 3.0 | 9.1 | 8.2 | 14.2 | 10.7 | 9.8 |
| Belarus | .. | .. | .. | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Estonia | .. | .. | .. | - | 0.0 | 0.1 | 0.2 | 0.1 | 0.2 |
| Georgia | .. | .. | .. | 55.2 | 63.8 | 78.9 | 85.8 | 72.9 | 81.8 |
| Kazakhstan | .. | .. | .. | 8.4 | 12.5 | 14.7 | 11.6 | 10.8 | 10.7 |
| Kyrgyzstan | .. | .. | .. | 63.5 | 77.8 | 85.6 | 86.9 | 87.2 | 85.9 |
| Latvia | .. | .. | .. | 67.6 | 73.8 | 68.2 | 67.8 | 55.2 | 57.3 |
| Lithuania | .. | .. | .. | 1.5 | 2.8 | 3.0 | 3.1 | 3.3 | 3.1 |
| Republic of Moldova | .. | .. | .. | 1.6 | 5.3 | 1.7 | 1.6 | 2.0 | 0.9 |
| Russian Federation | .. | .. | .. | 15.3 | 20.4 | 18.7 | 18.2 | 17.4 | 17.5 |
| Tajikistan | .. | .. | .. | 90.9 | 98.5 | 98.4 | 99.3 | 98.6 | 97.8 |
| Turkmenistan | .. | .. | .. | 4.8 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| Ukraine | .. | .. | .. | 3.5 | 5.1 | 6.6 | 6.6 | 6.7 | 5.2 |
| Uzbekistan | .. | .. | .. | 11.8 | 13.0 | 12.5 | 12.8 | 12.8 | 13.1 |
| Former Soviet Union | 15.7 | 13.4 | 14.3 | 13.5 | 18.4 | 18.0 | 17.5 | 16.8 | 16.6 |
| Islamic Republic of Iran | 33.1 | 23.5 | 25.1 | 10.3 | 8.6 | 3.0 | 8.9 | 9.5 | 8.8 |
| Iraq | 7.1 | 8.2 | 6.1 | 10.8 | 2.0 | 1.9 | 1.5 | 1.5 | 1.5 |
| Israel | - | - | - | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 |
| Jordan | - | - | - | 0.3 | 0.3 | 0.5 | 0.6 | 0.4 | 0.5 |
| Lebanon | 61.0 | 26.7 | 30.9 | 33.3 | 13.1 | 5.7 | 10.3 | 7.5 | 6.1 |
| Syrian Arab Republic | 3.8 | 1.2 | 64.7 | 23.5 | 15.1 | 12.8 | 9.9 | 10.7 | 9.1 |
| Middle East | 13.8 | 10.0 | 10.2 | 5.0 | 3.3 | 1.7 | 3.3 | 3.5 | 3.2 |

Electricity generation from hydro energy (% of total)
Production d'électricité à partir d'énergie hydraulique (% du total)

Stromerzeugung auf Wasserkraftbasis (in %)

Produzione di energia idroelettrica (% del totale)

水力からの発電量 (%)

Generación de electricidad a partir de energía hidráulica (% del total)

Производство гидроэлектроэнергии (в % к общему производству)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Non-OECD Total | 23.3 | 22.2 | 24.1 | 23.0 | 24.8 | 22.6 | 21.1 | 20.6 | 19.9 |
| <i>European Union - 27</i> | .. | .. | .. | 11.1 | 12.0 | 11.8 | 9.3 | 9.3 | 9.3 |
| OECD North America | 22.5 | 21.0 | 19.1 | 15.6 | 15.8 | 13.3 | 12.9 | 13.2 | 12.4 |
| OECD Pacific | 23.9 | 16.7 | 16.8 | 11.8 | 9.5 | 8.4 | 6.7 | 7.3 | 6.3 |
| OECD Europe | 23.1 | 21.2 | 20.3 | 16.8 | 17.5 | 16.9 | 14.0 | 13.6 | 13.9 |
| OECD Total | 22.9 | 20.5 | 19.2 | 15.5 | 15.4 | 13.7 | 12.2 | 12.3 | 11.8 |
| World | 23.0 | 21.0 | 20.8 | 18.2 | 18.8 | 17.0 | 16.0 | 16.0 | 15.6 |

Total electricity generation (GWh)
Production totale d'électricité (GWh)

Gesamte Stromerzeugung (GWh)

Produzione totale di energia elettrica (GWh)

総発電量 (GWh)

Generación total de electricidad (GWh)

Общее производство электроэнергии (ГВт. ч)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Algeria | 2 229 | 2 806 | 7 123 | 16 104 | 19 715 | 25 412 | 33 915 | 35 226 | 37 196 |
| Angola | 742 | 984 | 675 | 841 | 960 | 1 445 | 2 632 | 2 959 | 3 789 |
| Benin | - | 9 | 10 | 21 | 33 | 84 | 107 | 127 | 132 |
| Botswana | .. | .. | .. | 906 | 1 041 | 947 | 971 | 1 042 | 1 119 |
| Cameroon | 1 075 | 1 118 | 1 453 | 2 697 | 2 785 | 3 480 | 4 004 | 5 106 | 5 753 |
| Congo | 88 | 96 | 155 | 493 | 354 | 296 | 434 | 453 | 407 |
| DR of Congo | 3 545 | 3 848 | 4 445 | 5 650 | 6 177 | 6 018 | 7 420 | 7 796 | 8 302 |
| Côte d'Ivoire | 588 | 796 | 1 749 | 1 983 | 2 947 | 4 800 | 5 684 | 5 655 | 5 631 |
| Egypt | 7 998 | 8 106 | 18 939 | 42 256 | 52 000 | 78 143 | 108 690 | 115 407 | 125 129 |
| Eritrea | .. | .. | .. | .. | 172 | 210 | 288 | 269 | 288 |
| Ethiopia | 593 | 591 | 689 | 1 202 | 1 527 | 1 674 | 2 845 | 3 269 | 3 502 |
| Gabon | 114 | 165 | 530 | 978 | 1 139 | 1 315 | 1 610 | 1 732 | 1 844 |
| Ghana | 2 944 | 3 910 | 5 317 | 5 721 | 6 116 | 7 223 | 6 788 | 8 429 | 6 978 |
| Kenya | 728 | 901 | 1 630 | 3 235 | 4 190 | 4 103 | 6 120 | 6 589 | 6 772 |
| Libyan Arab Jamahiriya | 508 | 1 147 | 4 800 | 10 169 | 11 415 | 15 496 | 22 317 | 23 992 | 25 694 |
| Morocco | 2 290 | 2 875 | 5 247 | 9 628 | 12 304 | 13 715 | 22 456 | 23 192 | 22 858 |
| Mozambique | 674 | 641 | 462 | 454 | 408 | 9 696 | 13 285 | 14 737 | 16 076 |
| Namibia | .. | .. | .. | .. | 1 171 | 1 325 | 1 585 | 1 491 | 1 694 |
| Nigeria | 1 887 | 2 625 | 7 179 | 13 463 | 15 857 | 14 727 | 23 539 | 23 110 | 22 978 |
| Senegal | 382 | 442 | 676 | 945 | 1 132 | 1 604 | 2 544 | 2 439 | 2 016 |
| South Africa | 54 647 | 64 390 | 98 951 | 165 385 | 186 551 | 207 837 | 242 053 | 250 851 | 260 500 |
| Sudan | 495 | 610 | 817 | 1 515 | 1 864 | 2 569 | 3 826 | 4 209 | 4 541 |
| United Rep. of Tanzania | 491 | 582 | 792 | 1 628 | 1 924 | 2 480 | 3 613 | 3 529 | 4 175 |
| Togo | 153 | 101 | 51 | 158 | 309 | 175 | 189 | 221 | 196 |
| Tunisia | 926 | 1 179 | 2 924 | 5 811 | 7 669 | 10 596 | 13 793 | 14 122 | 14 661 |
| Zambia | 1 216 | 3 368 | 9 300 | 8 013 | 7 924 | 7 798 | 8 938 | 9 385 | 9 853 |
| Zimbabwe | 3 602 | 5 172 | 4 541 | 9 362 | 7 811 | 6 995 | 10 269 | 9 776 | 9 180 |
| Other Africa | 2 511 | 3 037 | 5 153 | 7 370 | 8 838 | 11 165 | 13 105 | 13 191 | 13 823 |
| Africa | 90 426 | 109 499 | 183 608 | 315 988 | 364 333 | 441 328 | 563 020 | 588 304 | 615 087 |
| Argentina | 23 624 | 26 661 | 39 706 | 50 740 | 67 015 | 88 910 | 105 505 | 114 990 | 115 081 |
| Bolivia | 1 024 | 1 151 | 1 558 | 2 133 | 3 019 | 3 880 | 4 909 | 5 293 | 5 734 |
| Brazil | 51 593 | 64 727 | 139 381 | 222 820 | 275 601 | 349 153 | 403 031 | 419 337 | 445 142 |
| Chile | 8 524 | 8 766 | 11 751 | 18 372 | 28 027 | 40 078 | 52 484 | 55 320 | 58 509 |
| Colombia | 10 200 | 11 596 | 20 446 | 36 357 | 42 716 | 43 199 | 50 411 | 53 852 | 55 314 |
| Costa Rica | 1 148 | 1 347 | 2 226 | 3 468 | 4 865 | 6 910 | 8 252 | 8 698 | 9 050 |
| Cuba | 5 021 | 5 703 | 9 896 | 15 025 | 12 459 | 15 032 | 15 341 | 16 469 | 17 621 |
| Dominican Republic | 1 068 | 2 246 | 3 258 | 3 698 | 5 477 | 8 539 | 12 899 | 14 150 | 14 839 |
| Ecuador | 1 050 | 1 256 | 3 372 | 6 349 | 8 429 | 10 612 | 13 404 | 15 663 | 17 335 |
| El Salvador | 743 | 912 | 1 484 | 2 242 | 3 365 | 3 851 | 4 769 | 5 597 | 5 806 |
| Guatemala | 689 | 874 | 1 818 | 2 318 | 3 413 | 6 048 | 7 555 | 7 916 | 8 755 |
| Haiti | 82 | 122 | 314 | 597 | 495 | 547 | 556 | 570 | 469 |
| Honduras | 391 | 486 | 906 | 2 319 | 2 728 | 3 652 | 5 564 | 5 982 | 6 316 |
| Jamaica | 1 676 | 2 187 | 1 676 | 2 458 | 5 829 | 6 631 | 7 422 | 7 473 | 7 782 |
| Netherlands Antilles | 710 | 775 | 850 | 790 | 1 009 | 1 121 | 1 248 | 1 271 | 1 294 |
| Nicaragua | 657 | 717 | 1 068 | 1 399 | 1 795 | 2 288 | 2 866 | 2 958 | 3 209 |
| Panama | 899 | 1 179 | 1 812 | 2 661 | 3 519 | 4 887 | 5 827 | 5 989 | 6 476 |
| Paraguay | 235 | 378 | 767 | 27 185 | 42 237 | 53 492 | 51 166 | 53 784 | 53 725 |
| Peru | 5 951 | 6 660 | 10 031 | 13 808 | 16 144 | 19 914 | 25 499 | 27 358 | 29 931 |
| Trinidad and Tobago | 991 | 1 105 | 2 035 | 3 577 | 4 307 | 5 459 | 7 058 | 7 045 | 7 662 |
| Uruguay | 2 379 | 2 528 | 4 558 | 7 444 | 6 307 | 7 590 | 7 684 | 5 619 | 9 426 |
| Venezuela | 13 589 | 16 445 | 35 803 | 59 321 | 73 446 | 85 271 | 105 990 | 112 266 | 114 852 |
| Other Latin America | 3 197 | 3 741 | 4 690 | 6 903 | 9 008 | 10 604 | 11 715 | 11 956 | 12 335 |
| Latin America | 135 441 | 161 562 | 299 406 | 491 984 | 621 210 | 777 668 | 911 155 | 959 556 | 1 006 663 |

Total electricity generation (GWh)
Production totale d'électricité (GWh)
Gesamte Stromerzeugung (GWh)
Produzione totale di energia elettrica (GWh)
総発電量 (GWh)
Generación total de electricidad (GWh)
Общее производство электроэнергии (ГВт. ч)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|----------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Bangladesh | 1 030 | 1 404 | 2 353 | 7 732 | 10 806 | 15 771 | 22 643 | 24 334 | 24 378 |
| Brunei Darussalam | 250 | 246 | 343 | 1 172 | 1 966 | 2 543 | 3 264 | 3 298 | 3 395 |
| Cambodia | .. | .. | .. | .. | 198 | 451 | 880 | 1 088 | 1 349 |
| Chinese Taipei | 15 811 | 20 735 | 42 607 | 88 397 | 129 077 | 180 552 | 223 525 | 231 554 | 239 182 |
| India | 66 384 | 72 796 | 119 260 | 289 438 | 417 624 | 562 196 | 699 126 | 753 016 | 803 409 |
| Indonesia | 2 362 | 2 896 | 8 067 | 33 336 | 58 885 | 92 640 | 127 369 | 133 108 | 142 236 |
| DPR of Korea | 14 860 | 16 580 | 21 200 | 27 700 | 23 000 | 19 400 | 22 913 | 22 436 | 21 523 |
| Malaysia | 3 795 | 4 773 | 10 048 | 23 016 | 45 462 | 69 257 | 84 841 | 89 842 | 101 325 |
| Mongolia | .. | .. | .. | 3 471 | 2 667 | 3 000 | 3 512 | 3 649 | 3 833 |
| Myanmar | 691 | 821 | 1 487 | 2 478 | 4 055 | 5 118 | 6 015 | 6 164 | 6 501 |
| Nepal | 86 | 104 | 217 | 878 | 1 196 | 1 659 | 2 622 | 2 719 | 2 806 |
| Pakistan | 7 572 | 8 377 | 14 974 | 37 673 | 56 957 | 68 125 | 93 832 | 98 350 | 95 691 |
| Philippines | 9 145 | 13 186 | 18 009 | 27 448 | 33 566 | 45 290 | 56 568 | 56 783 | 59 611 |
| Singapore | 2 585 | 3 719 | 6 991 | 15 714 | 22 244 | 31 665 | 38 213 | 39 442 | 41 134 |
| Sri Lanka | 900 | 1 031 | 1 668 | 3 150 | 4 802 | 7 004 | 9 324 | 9 500 | 9 901 |
| Thailand | 5 083 | 6 971 | 14 426 | 44 177 | 80 060 | 95 977 | 132 197 | 138 742 | 143 378 |
| Vietnam | 2 300 | 2 350 | 3 559 | 8 681 | 14 648 | 26 561 | 53 462 | 61 794 | 69 487 |
| Other Asia | 2 256 | 3 500 | 7 145 | 8 387 | 8 697 | 12 827 | 15 976 | 16 149 | 18 279 |
| Asia | 135 110 | 159 489 | 272 354 | 622 848 | 915 910 | 1 240 036 | 1 596 282 | 1 691 968 | 1 787 418 |
| People's Rep. of China | 138 400 | 166 800 | 300 630 | 621 204 | 1 007 798 | 1 356 240 | 2 499 564 | 2 864 205 | 3 279 233 |
| Hong Kong, China | 5 574 | 6 799 | 12 634 | 28 938 | 27 916 | 31 331 | 38 451 | 38 617 | 38 952 |
| China | 143 974 | 173 599 | 313 264 | 650 142 | 1 035 714 | 1 387 571 | 2 538 015 | 2 902 822 | 3 318 185 |
| Albania | 1 225 | 1 702 | 3 715 | 3 198 | 4 414 | 4 738 | 5 443 | 5 094 | 2 860 |
| Bosnia and Herzegovina | .. | .. | .. | 14 632 | 4 401 | 10 429 | 12 637 | 13 346 | 11 824 |
| Bulgaria | 21 016 | 21 956 | 34 835 | 42 141 | 41 789 | 40 646 | 43 972 | 45 502 | 42 937 |
| Croatia | .. | .. | .. | 9 217 | 8 858 | 10 590 | 12 354 | 12 306 | 12 081 |
| Cyprus | 665 | 830 | 1 034 | 1 974 | 2 497 | 3 370 | 4 377 | 4 652 | 4 871 |
| Gibraltar | 47 | 49 | 54 | 79 | 108 | 125 | 145 | 151 | 155 |
| FYR of Macedonia | .. | .. | .. | 5 758 | 6 132 | 6 811 | 6 945 | 7 009 | 6 729 |
| Malta | 305 | 365 | 527 | 1 100 | 1 632 | 1 917 | 2 240 | 2 261 | 2 296 |
| Romania | 39 454 | 46 779 | 67 486 | 64 309 | 59 266 | 51 934 | 59 413 | 62 697 | 61 673 |
| Serbia | .. | .. | .. | 40 948 | 34 476 | 34 140 | 36 474 | 36 481 | 36 523 |
| Slovenia | .. | .. | .. | 12 444 | 12 913 | 13 624 | 15 117 | 15 115 | 15 043 |
| Former Yugoslavia | 29 509 | 35 062 | 59 716 | x | x | x | x | x | x |
| Non-OECD Europe | 92 221 | 106 743 | 167 367 | 195 800 | 176 486 | 178 324 | 199 117 | 204 614 | 196 992 |
| Armenia | .. | .. | .. | 10 362 | 5 561 | 5 958 | 6 317 | 5 941 | 5 898 |
| Azerbaijan | .. | .. | .. | 23 200 | 17 044 | 18 699 | 21 218 | 23 611 | 24 211 |
| Belarus | .. | .. | .. | 39 526 | 24 918 | 26 101 | 30 961 | 31 811 | 31 829 |
| Estonia | .. | .. | .. | 17 392 | 8 788 | 8 510 | 10 205 | 9 731 | 12 190 |
| Georgia | .. | .. | .. | 13 724 | 8 154 | 7 424 | 7 267 | 7 287 | 8 329 |
| Kazakhstan | .. | .. | .. | 87 379 | 66 661 | 51 324 | 67 916 | 71 657 | 76 596 |
| Kyrgyzstan | .. | .. | .. | 15 732 | 14 285 | 15 983 | 16 415 | 17 082 | 16 237 |
| Latvia | .. | .. | .. | 6 648 | 3 979 | 4 136 | 4 905 | 4 891 | 4 771 |
| Lithuania | .. | .. | .. | 28 405 | 13 520 | 11 120 | 14 415 | 12 077 | 13 470 |
| Republic of Moldova | .. | .. | .. | 16 221 | 6 068 | 3 356 | 3 864 | 3 829 | 3 846 |
| Russian Federation | .. | .. | .. | 1 082 152 | 859 026 | 876 468 | 951 159 | 993 865 | 1 013 399 |
| Tajikistan | .. | .. | .. | 18 146 | 14 825 | 14 247 | 17 090 | 16 935 | 17 494 |
| Turkmenistan | .. | .. | .. | 14 610 | 9 800 | 9 845 | 12 820 | 13 650 | 14 880 |
| Ukraine | .. | .. | .. | 298 626 | 193 821 | 171 269 | 185 913 | 193 233 | 196 135 |
| Uzbekistan | .. | .. | .. | 56 325 | 47 453 | 46 840 | 47 706 | 49 299 | 48 950 |
| Former Soviet Union | 800 400 | 914 600 | 1 294 000 | 1 728 448 | 1 293 903 | 1 271 280 | 1 398 171 | 1 454 899 | 1 488 235 |

Total electricity generation (GWh)
Production totale d'électricité (GWh)
Gesamte Stromerzeugung (GWh)
Produzione totale di energia elettrica (GWh)
総発電量 (GWh)
Generación total de electricidad (GWh)
Общее производство электроэнергии (ГВт. ч)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Bahrain | 430 | 500 | 1 660 | 3 482 | 4 612 | 6 297 | 8 867 | 9 745 | 10 908 |
| Islamic Republic of Iran | 8 105 | 12 093 | 22 380 | 59 102 | 84 969 | 121 393 | 180 390 | 192 682 | 203 986 |
| Iraq | 2 800 | 3 519 | 11 383 | 24 000 | 29 000 | 31 900 | 30 400 | 31 869 | 33 183 |
| Israel | 7 639 | 8 720 | 12 404 | 20 898 | 30 425 | 42 661 | 48 572 | 50 550 | 53 783 |
| Jordan | 230 | 315 | 1 070 | 3 638 | 5 616 | 7 375 | 10 099 | 11 566 | 13 001 |
| Kuwait | 2 623 | 3 651 | 9 023 | 18 477 | 24 124 | 32 853 | 43 734 | 47 607 | 48 753 |
| Lebanon | 1 375 | 1 791 | 2 752 | 1 500 | 5 475 | 7 839 | 10 124 | 9 287 | 9 575 |
| Oman | 13 | 47 | 818 | 4 501 | 6 500 | 9 111 | 12 648 | 13 585 | 14 443 |
| Qatar | 315 | 420 | 2 416 | 4 818 | 5 976 | 9 134 | 14 396 | 15 325 | 16 079 |
| Saudi Arabia | 2 082 | 2 949 | 20 452 | 69 208 | 97 846 | 126 191 | 174 970 | 179 782 | 189 076 |
| Syrian Arab Republic | 1 345 | 1 423 | 3 960 | 11 611 | 16 620 | 25 217 | 34 935 | 37 283 | 38 642 |
| United Arab Emirates | 203 | 720 | 6 306 | 17 080 | 24 982 | 39 944 | 60 698 | 66 768 | 76 106 |
| Yemen | 209 | 206 | 503 | 1 663 | 2 422 | 3 413 | 4 768 | 5 387 | 6 027 |
| Middle East | 27 369 | 36 354 | 95 127 | 239 978 | 338 567 | 463 328 | 634 601 | 671 436 | 713 562 |
| Non-OECD Total | 1 424 941 | 1 661 846 | 2 625 126 | 4 245 188 | 4 746 123 | 5 759 535 | 7 840 361 | 8 473 599 | 9 126 142 |
| <i>European Union - 27</i> | .. | .. | .. | 2 567 787 | 2 713 006 | 2 996 712 | 3 273 724 | 3 318 414 | 3 327 897 |
| OECD North America | 1 956 252 | 2 272 690 | 2 867 560 | 3 808 983 | 4 275 878 | 4 834 930 | 5 136 409 | 5 139 793 | 5 220 115 |
| OECD Pacific | 461 963 | 563 154 | 727 600 | 1 127 502 | 1 349 700 | 1 583 785 | 1 764 568 | 1 790 065 | 1 847 874 |
| OECD Europe | 1 402 515 | 1 618 194 | 2 048 911 | 2 632 026 | 2 844 154 | 3 199 795 | 3 484 703 | 3 531 036 | 3 576 997 |
| OECD Total | 3 820 730 | 4 454 038 | 5 644 071 | 7 568 511 | 8 469 732 | 9 618 510 | 10 385 680 | 10 460 894 | 10 644 986 |
| World | 5 245 671 | 6 115 884 | 8 269 197 | 11 813 699 | 13 215 855 | 15 378 045 | 18 226 041 | 18 934 493 | 19 771 128 |

Electricity consumption (GWh)
Consommation d'électricité (GWh)
Elektrizitätsverbrauch (GWh)
Consumo finale di energia elettrica (GWh)
電力消費量 (GWh)
Consumo de electricidad (GWh)
Потребление электроэнергии (ГВт. ч)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Algeria | 1 991 | 2 494 | 6 349 | 13 693 | 16 102 | 21 211 | 29 524 | 29 013 | 30 555 |
| Angola | 556 | 738 | 506 | 630 | 687 | 1 234 | 2 250 | 2 530 | 3 240 |
| Benin | 32 | 58 | 103 | 174 | 247 | 399 | 589 | 602 | 605 |
| Botswana | .. | .. | .. | 990 | 1 375 | 1 592 | 2 581 | 2 644 | 2 715 |
| Cameroon | 1 019 | 1 079 | 1 346 | 2 345 | 2 177 | 2 719 | 3 306 | 4 477 | 4 953 |
| Congo | 77 | 91 | 148 | 410 | 410 | 299 | 426 | 471 | 478 |
| DR of Congo | 3 337 | 3 630 | 3 978 | 4 530 | 4 527 | 4 517 | 5 349 | 5 712 | 6 082 |
| Côte d'Ivoire | 517 | 669 | 1 469 | 1 913 | 2 504 | 2 863 | 3 154 | 3 408 | 3 587 |
| Egypt | 7 216 | 7 282 | 16 544 | 38 049 | 46 460 | 67 246 | 95 308 | 102 475 | 110 816 |
| Eritrea | .. | .. | .. | .. | 148 | 172 | 242 | 232 | 245 |
| Ethiopia | 552 | 551 | 635 | 1 082 | 1 374 | 1 507 | 2 560 | 2 942 | 3 172 |
| Gabon | 112 | 162 | 526 | 873 | 837 | 1 081 | 1 324 | 1 424 | 1 516 |
| Ghana | 2 764 | 3 668 | 4 601 | 4 780 | 5 947 | 6 466 | 5 715 | 6 985 | 5 934 |
| Kenya | 909 | 1 067 | 1 707 | 2 930 | 3 589 | 3 434 | 5 009 | 5 453 | 5 710 |
| Libyan Arab Jamahiriya | 398 | 900 | 3 606 | 6 996 | 8 762 | 11 904 | 19 692 | 22 273 | 23 883 |
| Morocco | 2 047 | 2 594 | 4 735 | 8 910 | 11 638 | 13 921 | 19 224 | 20 893 | 22 077 |
| Mozambique | 476 | 559 | 432 | 548 | 715 | 2 225 | 9 243 | 9 676 | 10 319 |
| Namibia | .. | .. | .. | .. | 1 552 | 2 236 | 2 945 | 3 163 | 3 219 |
| Nigeria | 1 637 | 2 122 | 4 997 | 8 291 | 9 876 | 9 109 | 17 895 | 15 866 | 20 266 |
| Senegal | 324 | 374 | 575 | 780 | 950 | 1 005 | 1 777 | 1 816 | 1 520 |
| South Africa | 50 768 | 59 870 | 100 499 | 155 988 | 173 442 | 194 329 | 222 017 | 228 964 | 238 563 |
| Sudan | 373 | 491 | 702 | 1 282 | 1 361 | 2 170 | 3 042 | 3 371 | 3 638 |
| United Rep. of Tanzania | 424 | 503 | 684 | 1 303 | 1 706 | 1 980 | 2 703 | 2 774 | 3 371 |
| Togo | 140 | 128 | 171 | 343 | 426 | 469 | 614 | 625 | 606 |
| Tunisia | 803 | 1 036 | 2 567 | 5 206 | 6 941 | 9 480 | 12 083 | 12 360 | 12 765 |
| Zambia | 4 411 | 5 174 | 6 070 | 6 123 | 6 463 | 6 223 | 8 215 | 8 534 | 8 871 |
| Zimbabwe | 3 560 | 4 962 | 6 995 | 9 028 | 9 391 | 10 668 | 12 504 | 11 903 | 11 176 |
| Other Africa | 2 524 | 3 068 | 4 873 | 6 934 | 8 271 | 11 094 | 12 755 | 13 068 | 13 694 |
| Africa | 86 967 | 103 270 | 174 818 | 284 131 | 327 878 | 391 553 | 502 046 | 523 654 | 553 576 |
| Argentina | 21 214 | 24 111 | 34 693 | 42 534 | 57 428 | 77 016 | 93 685 | 100 176 | 104 992 |
| Bolivia | 760 | 832 | 1 414 | 1 827 | 2 680 | 3 501 | 4 224 | 4 533 | 4 904 |
| Brazil | 44 846 | 56 717 | 122 705 | 217 657 | 264 805 | 329 819 | 375 287 | 389 951 | 412 689 |
| Chile | 7 569 | 7 780 | 10 309 | 16 429 | 25 100 | 38 345 | 50 096 | 52 701 | 55 202 |
| Colombia | 9 086 | 9 932 | 17 143 | 28 852 | 33 525 | 33 585 | 38 850 | 41 605 | 43 328 |
| Costa Rica | 1 148 | 1 347 | 2 226 | 3 344 | 4 526 | 5 962 | 7 438 | 7 922 | 8 305 |
| Cuba | 4 519 | 5 133 | 9 130 | 12 848 | 10 010 | 12 661 | 12 968 | 13 870 | 14 667 |
| Dominican Republic | 1 068 | 1 955 | 2 561 | 2 791 | 3 923 | 6 258 | 12 097 | 12 584 | 13 523 |
| Ecuador | 903 | 1 080 | 2 873 | 4 918 | 6 325 | 8 051 | 9 332 | 10 017 | 10 515 |
| El Salvador | 644 | 802 | 1 280 | 1 881 | 2 900 | 4 044 | 4 438 | 4 875 | 5 732 |
| Guatemala | 666 | 851 | 1 700 | 1 989 | 2 962 | 3 850 | 6 635 | 6 888 | 7 445 |
| Haiti | 59 | 99 | 233 | 414 | 234 | 303 | 343 | 351 | 294 |
| Honduras | 354 | 426 | 775 | 1 823 | 2 020 | 3 211 | 4 261 | 4 473 | 4 962 |
| Jamaica | 1 552 | 1 969 | 1 430 | 2 100 | 5 197 | 6 009 | 6 568 | 6 533 | 6 803 |
| Netherlands Antilles | 603 | 658 | 722 | 678 | 884 | 976 | 1 048 | 1 068 | 1 087 |
| Nicaragua | 603 | 624 | 907 | 1 220 | 1 298 | 1 719 | 2 262 | 2 359 | 2 493 |
| Panama | 821 | 1 042 | 1 530 | 2 058 | 2 912 | 3 838 | 4 846 | 4 951 | 5 324 |
| Paraguay | 207 | 278 | 769 | 2 130 | 3 742 | 4 706 | 5 006 | 5 417 | 5 871 |
| Peru | 5 405 | 6 021 | 8 729 | 11 925 | 13 134 | 17 627 | 23 118 | 24 809 | 27 391 |
| Trinidad and Tobago | 991 | 1 105 | 2 035 | 3 278 | 3 892 | 5 060 | 6 669 | 6 650 | 7 494 |
| Uruguay | 2 031 | 1 967 | 2 885 | 3 870 | 5 089 | 6 570 | 6 635 | 6 767 | 7 301 |
| Venezuela | 12 343 | 14 469 | 30 658 | 48 643 | 58 152 | 64 536 | 77 716 | 83 754 | 84 554 |
| Other Latin America | 3 134 | 3 646 | 4 513 | 6 604 | 8 573 | 10 091 | 11 050 | 11 270 | 11 625 |
| Latin America | 120 526 | 142 844 | 261 220 | 419 813 | 519 311 | 647 738 | 764 572 | 803 524 | 846 501 |

Electricity consumption (GWh)
Consommation d'électricité (GWh)
Elektrizitätsverbrauch (GWh)
Consumo finale di energia elettrica (GWh)
電力消費量 (GWh)
Consumo de electricidad (GWh)
Потребление электроэнергии (ГВт. ч)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|----------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Bangladesh | 710 | 1 042 | 1 522 | 5 136 | 9 010 | 13 354 | 20 677 | 22 556 | 22 776 |
| Brunei Darussalam | 238 | 235 | 328 | 1 119 | 1 897 | 2 514 | 3 149 | 3 122 | 3 230 |
| Cambodia | .. | .. | .. | .. | 119 | 366 | 764 | 1 053 | 1 348 |
| Chinese Taipei | 14 520 | 18 913 | 39 821 | 84 649 | 126 130 | 176 233 | 218 328 | 225 926 | 233 525 |
| India | 55 522 | 59 853 | 97 898 | 234 293 | 339 783 | 408 425 | 520 581 | 566 841 | 609 735 |
| Indonesia | 1 886 | 2 126 | 6 580 | 28 762 | 52 011 | 82 580 | 112 334 | 118 150 | 127 168 |
| DPR of Korea | 13 463 | 15 021 | 19 201 | 25 111 | 19 806 | 16 334 | 19 292 | 18 890 | 18 121 |
| Malaysia | 3 464 | 4 347 | 9 225 | 21 327 | 41 524 | 63 837 | 81 432 | 86 282 | 97 391 |
| Mongolia | .. | .. | .. | 3 376 | 2 546 | 2 580 | 3 248 | 3 354 | 3 576 |
| Myanmar | 553 | 666 | 1 162 | 1 823 | 2 510 | 3 516 | 3 916 | 4 492 | 4 618 |
| Nepal | 74 | 74 | 186 | 665 | 946 | 1 408 | 2 153 | 2 216 | 2 273 |
| Pakistan | 5 584 | 6 389 | 10 619 | 29 865 | 43 963 | 51 579 | 70 921 | 76 335 | 77 088 |
| Philippines | 8 688 | 12 562 | 17 703 | 23 468 | 27 829 | 38 943 | 49 749 | 49 899 | 52 001 |
| Singapore | 2 440 | 3 507 | 6 562 | 15 184 | 21 391 | 30 513 | 36 290 | 37 500 | 39 066 |
| Sri Lanka | 735 | 881 | 1 425 | 2 624 | 3 936 | 5 536 | 7 820 | 7 939 | 8 340 |
| Thailand | 4 568 | 6 485 | 13 766 | 40 132 | 74 175 | 91 160 | 125 259 | 131 971 | 137 675 |
| Vietnam | 1 794 | 1 833 | 2 930 | 6 476 | 11 469 | 22 904 | 47 593 | 54 596 | 61 970 |
| Other Asia | 2 170 | 3 386 | 6 687 | 6 499 | 7 022 | 8 322 | 12 048 | 12 478 | 14 123 |
| Asia | 116 409 | 137 320 | 235 615 | 530 509 | 786 067 | 1 020 104 | 1 335 554 | 1 423 600 | 1 514 024 |
| People's Rep. of China | 127 177 | 153 274 | 276 340 | 580 200 | 927 952 | 1 254 082 | 2 324 748 | 2 675 653 | 3 072 673 |
| Hong Kong, China | 5 250 | 6 008 | 10 919 | 23 833 | 29 856 | 36 302 | 40 051 | 40 339 | 40 857 |
| China | 132 427 | 159 282 | 287 259 | 604 033 | 957 808 | 1 290 384 | 2 364 799 | 2 715 992 | 3 113 530 |
| Albania | 1 164 | 1 363 | 3 054 | 1 717 | 2 057 | 3 737 | 3 797 | 3 047 | 3 716 |
| Bosnia and Herzegovina | .. | .. | .. | 13 112 | 3 673 | 7 616 | 9 027 | 9 009 | 8 997 |
| Bulgaria | 19 571 | 23 131 | 35 213 | 41 488 | 35 399 | 30 014 | 31 901 | 33 193 | 34 130 |
| Croatia | .. | .. | .. | 14 296 | 10 694 | 12 572 | 15 440 | 16 143 | 16 580 |
| Cyprus | 615 | 774 | 970 | 1 863 | 2 382 | 3 182 | 4 213 | 4 431 | 4 646 |
| Gibraltar | 45 | 47 | 52 | 74 | 108 | 125 | 145 | 151 | 155 |
| FYR of Macedonia | .. | .. | .. | 5 325 | 5 548 | 5 892 | 6 952 | 7 121 | 7 711 |
| Malta | 305 | 365 | 527 | 1 000 | 1 480 | 1 682 | 1 984 | 1 985 | 1 982 |
| Romania | 33 395 | 39 732 | 63 883 | 67 856 | 52 827 | 44 609 | 50 430 | 51 846 | 52 832 |
| Serbia | .. | .. | .. | 35 113 | 28 900 | 31 559 | 29 182 | 29 946 | 30 674 |
| Slovenia | .. | .. | .. | 10 660 | 10 572 | 11 492 | 13 839 | 14 296 | 14 405 |
| Former Yugoslavia | 26 127 | 31 260 | 53 607 | x | x | x | x | x | x |
| Non-OECD Europe | 81 222 | 96 672 | 157 306 | 192 504 | 153 640 | 152 480 | 166 910 | 171 168 | 175 828 |
| Armenia | .. | .. | .. | 9 633 | 3 379 | 3 983 | 4 536 | 4 851 | 5 200 |
| Azerbaijan | .. | .. | .. | 18 500 | 14 667 | 16 423 | 20 203 | 21 327 | 20 541 |
| Belarus | .. | .. | .. | 44 637 | 28 441 | 29 902 | 31 363 | 32 330 | 32 449 |
| Estonia | .. | .. | .. | 9 243 | 6 193 | 6 340 | 7 494 | 7 904 | 8 416 |
| Georgia | .. | .. | .. | 14 594 | 6 951 | 6 419 | 7 479 | 6 865 | 7 061 |
| Kazakhstan | .. | .. | .. | 96 535 | 63 913 | 47 174 | 61 674 | 65 715 | 68 878 |
| Kyrgyzstan | .. | .. | .. | 10 234 | 9 460 | 9 360 | 9 475 | 10 464 | 9 276 |
| Latvia | .. | .. | .. | 9 046 | 4 963 | 4 930 | 6 217 | 6 581 | 6 973 |
| Lithuania | .. | .. | .. | 14 878 | 9 212 | 8 807 | 10 598 | 10 973 | 11 525 |
| Republic of Moldova | .. | .. | .. | 11 958 | 6 439 | 3 657 | 5 534 | 5 811 | 4 839 |
| Russian Federation | .. | .. | .. | 989 579 | 756 947 | 762 070 | 828 118 | 872 393 | 897 680 |
| Tajikistan | .. | .. | .. | 17 746 | 13 865 | 13 437 | 14 594 | 14 799 | 14 642 |
| Turkmenistan | .. | .. | .. | 8 410 | 6 574 | 7 643 | 9 769 | 10 403 | 11 341 |
| Ukraine | .. | .. | .. | 248 432 | 172 511 | 136 632 | 152 905 | 159 056 | 164 128 |
| Uzbekistan | .. | .. | .. | 48 880 | 42 020 | 43 867 | 43 422 | 44 875 | 44 560 |
| Former Soviet Union | 730 500 | 832 300 | 1 168 000 | 1 552 305 | 1 145 535 | 1 100 644 | 1 213 381 | 1 274 347 | 1 307 509 |

Electricity consumption (GWh)
Consommation d'électricité (GWh)
Elektrizitätsverbrauch (GWh)
Consumo finale di energia elettrica (GWh)
電力消費量 (GWh)
Consumo de electricidad (GWh)
Потребление электроэнергии (ГВт. ч)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Bahrain | 430 | 500 | 1 660 | 3 240 | 4 550 | 5 740 | 8 456 | 9 314 | 10 750 |
| Islamic Republic of Iran | 8 027 | 11 855 | 20 800 | 53 034 | 72 596 | 101 437 | 146 226 | 156 715 | 165 116 |
| Iraq | 2 660 | 3 343 | 10 814 | 22 800 | 27 892 | 29 160 | 29 740 | 31 105 | 32 337 |
| Israel | 7 024 | 8 187 | 11 720 | 19 461 | 28 434 | 39 766 | 45 516 | 47 331 | 50 275 |
| Jordan | 237 | 338 | 870 | 3 330 | 5 088 | 6 606 | 9 544 | 10 543 | 11 184 |
| Kuwait | 2 413 | 3 359 | 8 301 | 17 230 | 21 514 | 29 297 | 38 907 | 42 399 | 43 134 |
| Lebanon | 1 237 | 1 612 | 2 537 | 1 400 | 4 681 | 7 851 | 8 992 | 8 684 | 8 965 |
| Oman | 11 | 41 | 720 | 3 963 | 5 646 | 7 544 | 9 418 | 11 347 | 12 224 |
| Qatar | 315 | 420 | 2 173 | 4 568 | 5 514 | 8 501 | 13 377 | 14 111 | 14 691 |
| Saudi Arabia | 1 975 | 2 784 | 19 103 | 65 223 | 91 889 | 117 060 | 157 516 | 167 636 | 175 074 |
| Syrian Arab Republic | 1 158 | 1 283 | 3 184 | 8 573 | 11 941 | 17 476 | 26 663 | 28 455 | 29 492 |
| United Arab Emirates | 189 | 671 | 5 865 | 15 543 | 22 709 | 38 593 | 56 262 | 61 888 | 70 544 |
| Yemen | 209 | 206 | 503 | 1 471 | 1 909 | 2 465 | 3 693 | 4 011 | 4 495 |
| Middle East | 25 885 | 34 599 | 88 250 | 219 836 | 304 363 | 411 496 | 554 310 | 593 539 | 628 281 |
| Non-OECD Total | 1 293 936 | 1 506 287 | 2 372 468 | 3 803 131 | 4 194 602 | 5 014 399 | 6 901 572 | 7 505 824 | 8 139 249 |
| <i>European Union - 27</i> | .. | .. | .. | 2 451 267 | 2 553 708 | 2 830 753 | 3 101 844 | 3 155 489 | 3 168 213 |
| OECD North America | 1 789 307 | 2 079 898 | 2 614 982 | 3 479 378 | 3 990 362 | 4 555 867 | 4 811 869 | 4 807 050 | 4 887 834 |
| OECD Pacific | 432 675 | 528 659 | 692 426 | 1 075 925 | 1 291 978 | 1 516 520 | 1 693 284 | 1 716 884 | 1 772 434 |
| OECD Europe | 1 314 993 | 1 515 936 | 1 930 412 | 2 498 923 | 2 666 133 | 3 000 202 | 3 297 957 | 3 358 514 | 3 387 419 |
| OECD Total | 3 536 975 | 4 124 493 | 5 237 820 | 7 054 226 | 7 948 473 | 9 072 589 | 9 803 110 | 9 882 448 | 10 047 687 |
| World | 4 830 911 | 5 630 780 | 7 610 288 | 10 857 357 | 12 143 075 | 14 086 988 | 16 704 682 | 17 388 272 | 18 186 936 |

Final consumption of coal and peat (Mtoe)
Consommation finale de charbon et de tourbe (Mtep)

Endverbrauch von Kohle und Torf (Mtoe)

Consumo finale di carbone e torba (Mtep)

石炭及び泥炭の最終消費量（石油換算百万トン）

Consumo final de carbón y turba (Mtep)

Конечное потребление угля и торфа (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|
| Algeria | 0.05 | 0.06 | 0.03 | 0.26 | 0.29 | 0.08 | 0.17 | 0.16 | 0.20 |
| Botswana | .. | .. | .. | 0.11 | 0.09 | 0.19 | 0.14 | 0.14 | 0.14 |
| DR of Congo | 0.22 | 0.18 | 0.18 | 0.19 | 0.19 | 0.18 | 0.21 | 0.22 | 0.23 |
| Egypt | 0.19 | 0.14 | 0.29 | 0.36 | 0.38 | 0.43 | 0.43 | 0.41 | 0.41 |
| Kenya | 0.05 | 0.04 | 0.01 | 0.09 | 0.06 | 0.04 | 0.05 | 0.07 | 0.07 |
| Morocco | 0.20 | 0.08 | 0.02 | 0.35 | 0.17 | 0.47 | 0.13 | 0.02 | 0.18 |
| Mozambique | 0.37 | 0.35 | 0.15 | 0.02 | 0.03 | - | - | - | 0.01 |
| Nigeria | 0.12 | 0.17 | 0.10 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| Senegal | - | - | - | - | - | - | 0.09 | 0.10 | 0.11 |
| South Africa | 15.62 | 16.74 | 18.37 | 15.95 | 15.08 | 15.02 | 15.04 | 14.43 | 14.48 |
| Sudan | - | - | 0.00 | - | - | - | - | - | - |
| United Rep. of Tanzania | - | - | 0.00 | 0.00 | 0.00 | 0.03 | 0.02 | 0.02 | 0.02 |
| Tunisia | 0.04 | 0.05 | 0.04 | 0.05 | 0.04 | 0.04 | - | - | - |
| Zambia | 0.43 | 0.48 | 0.34 | 0.20 | 0.08 | 0.07 | 0.09 | 0.09 | 0.10 |
| Zimbabwe | 1.06 | 1.18 | 1.24 | 1.60 | 0.91 | 1.12 | 0.57 | 0.55 | 0.51 |
| Other Africa | 0.12 | 0.14 | 0.13 | 0.10 | 0.16 | 0.16 | 0.10 | 0.11 | 0.11 |
| Africa | 18.49 | 19.62 | 20.91 | 19.32 | 17.49 | 17.84 | 17.05 | 16.33 | 16.58 |
| Argentina | 0.34 | 0.34 | 0.28 | 0.31 | 0.23 | 0.38 | 0.33 | 0.68 | 0.67 |
| Brazil | 0.76 | 0.83 | 2.31 | 3.84 | 4.85 | 5.36 | 6.21 | 6.09 | 6.55 |
| Chile | 0.71 | 0.65 | 0.51 | 0.73 | 0.77 | 0.80 | 0.80 | 0.98 | 0.65 |
| Colombia | 1.00 | 1.05 | 1.35 | 1.60 | 1.87 | 2.26 | 1.72 | 1.44 | 1.52 |
| Costa Rica | 0.00 | 0.00 | 0.00 | 0.00 | - | - | 0.01 | 0.02 | 0.05 |
| Cuba | 0.06 | 0.05 | 0.07 | 0.11 | 0.05 | 0.01 | 0.02 | 0.02 | 0.01 |
| Dominican Republic | - | - | - | - | - | - | - | 0.07 | 0.07 |
| El Salvador | - | - | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Guatemala | - | - | 0.01 | - | - | - | 0.12 | 0.13 | 0.14 |
| Haiti | - | - | - | 0.01 | - | - | - | - | - |
| Honduras | - | - | - | 0.00 | 0.00 | 0.08 | 0.11 | 0.12 | 0.12 |
| Jamaica | - | - | - | 0.04 | 0.04 | 0.05 | 0.04 | 0.02 | 0.02 |
| Panama | 0.00 | 0.01 | - | 0.02 | 0.03 | 0.04 | - | - | - |
| Peru | 0.08 | 0.09 | 0.09 | 0.11 | 0.30 | 0.45 | 0.60 | 0.45 | 0.70 |
| Uruguay | 0.01 | 0.01 | 0.01 | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 |
| Venezuela | 0.09 | 0.16 | 0.10 | 0.35 | 0.01 | 0.13 | 0.04 | 0.04 | 0.05 |
| Other Latin America | 0.02 | 0.03 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Latin America | 3.07 | 3.21 | 4.75 | 7.12 | 8.15 | 9.57 | 10.00 | 10.06 | 10.56 |
| Bangladesh | 0.09 | 0.12 | 0.12 | 0.28 | 0.32 | 0.33 | 0.35 | 0.35 | 0.35 |
| Chinese Taipei | 2.26 | 2.09 | 2.20 | 3.59 | 3.90 | 4.84 | 5.67 | 6.10 | 6.78 |
| India | 24.80 | 23.88 | 27.52 | 41.81 | 38.37 | 33.46 | 40.33 | 44.40 | 46.69 |
| Indonesia | 0.09 | 0.05 | 0.15 | 0.64 | 1.53 | 5.32 | 9.53 | 14.64 | 20.91 |
| DPR of Korea | 13.94 | 14.36 | 20.44 | 22.24 | 15.11 | 14.19 | 15.49 | 15.89 | 12.96 |
| Malaysia | 0.01 | 0.01 | 0.04 | 0.42 | 0.50 | 0.62 | 1.35 | 1.34 | 1.36 |
| Mongolia | .. | .. | .. | 1.00 | 0.68 | 0.29 | 0.33 | 0.52 | 0.45 |
| Myanmar | 0.13 | 0.04 | 0.14 | 0.05 | 0.02 | 0.04 | 0.11 | 0.13 | 0.13 |
| Nepal | 0.01 | 0.05 | 0.05 | 0.04 | 0.07 | 0.26 | 0.25 | 0.26 | 0.26 |
| Pakistan | 0.58 | 0.54 | 0.72 | 1.58 | 1.64 | 1.46 | 3.56 | 4.00 | 5.23 |
| Philippines | 0.00 | 0.00 | 0.21 | 0.70 | 0.99 | 0.95 | 1.32 | 1.48 | 1.59 |
| Sri Lanka | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.05 | 0.05 |
| Thailand | 0.02 | 0.02 | 0.09 | 1.31 | 3.63 | 3.61 | 6.76 | 7.49 | 6.99 |
| Vietnam | 0.96 | 1.01 | 1.51 | 1.33 | 2.61 | 3.22 | 5.99 | 5.53 | 6.24 |
| Other Asia | 1.02 | 0.92 | 1.88 | 0.21 | 0.14 | 0.31 | 0.35 | 0.37 | 0.41 |
| Asia | 43.92 | 43.09 | 55.08 | 75.20 | 69.51 | 68.90 | 91.46 | 102.54 | 110.42 |

Final consumption of coal and peat (Mtoe)
Consommation finale de charbon et de tourbe (Mtep)

Endverbrauch von Kohle und Torf (Mtoe)

Consumo finale di carbone e torba (Mtep)

石炭及び泥炭の最終消費量（石油換算百万トン）

Consumo final de carbón y turba (Mtep)

Конечное потребление угля и торфа (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| People's Rep. of China | 138.82 | 148.53 | 217.61 | 314.72 | 361.90 | 257.21 | 372.75 | 392.30 | 411.33 |
| Hong Kong, China | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | - | 0.53 | 0.95 | 1.01 |
| China | 138.85 | 148.54 | 217.62 | 314.72 | 361.90 | 257.21 | 373.28 | 393.24 | 412.34 |
| Albania | 0.26 | 0.31 | 0.52 | 0.58 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 |
| Bosnia and Herzegovina | .. | .. | .. | 2.14 | 0.18 | 0.33 | 0.42 | 0.43 | 0.44 |
| Bulgaria | 3.58 | 3.79 | 3.57 | 1.61 | 1.13 | 0.72 | 0.76 | 0.77 | 0.81 |
| Croatia | .. | .. | .. | 0.52 | 0.11 | 0.07 | 0.15 | 0.13 | 0.15 |
| Cyprus | - | - | - | 0.06 | 0.06 | 0.03 | 0.04 | 0.04 | 0.03 |
| FYR of Macedonia | .. | .. | .. | 0.11 | 0.12 | 0.10 | 0.13 | 0.14 | 0.16 |
| Romania | 2.85 | 2.98 | 5.65 | 3.13 | 1.42 | 0.78 | 1.13 | 1.14 | 1.02 |
| Serbia | .. | .. | .. | 0.96 | 0.51 | 1.25 | 0.95 | 1.10 | 1.25 |
| Slovenia | .. | .. | .. | 0.24 | 0.11 | 0.09 | 0.11 | 0.10 | 0.10 |
| Former Yugoslavia | 4.77 | 4.20 | 2.62 | x | x | x | x | x | x |
| Non-OECD Europe | 11.47 | 11.28 | 12.35 | 9.35 | 3.67 | 3.40 | 3.69 | 3.87 | 3.97 |
| Armenia | .. | .. | .. | 0.25 | 0.00 | - | - | 0.00 | 0.00 |
| Azerbaijan | .. | .. | .. | 0.09 | 0.00 | - | - | - | - |
| Belarus | .. | .. | .. | 1.83 | 1.02 | 0.61 | 0.40 | 0.40 | 0.37 |
| Estonia | .. | .. | .. | 0.69 | 0.19 | 0.13 | 0.14 | 0.11 | 0.17 |
| Georgia | .. | .. | .. | 0.41 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 |
| Kazakhstan | .. | .. | .. | 15.78 | 11.68 | 5.72 | 7.35 | 6.52 | 7.27 |
| Kyrgyzstan | .. | .. | .. | 2.08 | 0.13 | 0.22 | 0.40 | 0.37 | 0.40 |
| Latvia | .. | .. | .. | 0.28 | 0.12 | 0.06 | 0.07 | 0.08 | 0.09 |
| Lithuania | .. | .. | .. | 0.75 | 0.23 | 0.09 | 0.19 | 0.26 | 0.25 |
| Republic of Moldova | .. | .. | .. | 0.87 | 0.18 | 0.06 | 0.07 | 0.08 | 0.06 |
| Russian Federation | .. | .. | .. | 54.85 | 27.66 | 20.69 | 17.22 | 16.27 | 17.51 |
| Tajikistan | .. | .. | .. | 0.63 | 0.02 | 0.01 | 0.05 | 0.05 | 0.08 |
| Turkmenistan | .. | .. | .. | 0.30 | - | - | - | - | - |
| Ukraine | .. | .. | .. | 25.61 | 12.73 | 9.97 | 11.97 | 12.27 | 12.95 |
| Uzbekistan | .. | .. | .. | 1.27 | 0.33 | 0.17 | 0.18 | 0.18 | 0.19 |
| Former Soviet Union | 102.08 | 109.75 | 139.89 | 105.68 | 54.32 | 37.74 | 38.04 | 36.60 | 39.35 |
| Islamic Republic of Iran | 0.11 | 0.29 | 0.52 | 0.32 | 0.48 | 0.61 | 0.62 | 0.51 | 0.58 |
| Israel | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | - | - | - |
| Lebanon | 0.00 | 0.01 | 0.00 | - | 0.12 | 0.13 | 0.13 | 0.13 | 0.13 |
| Syrian Arab Republic | 0.00 | 0.00 | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Middle East | 0.12 | 0.30 | 0.52 | 0.33 | 0.60 | 0.76 | 0.75 | 0.65 | 0.71 |
| Non-OECD Total | 318.00 | 335.79 | 451.12 | 531.71 | 515.64 | 395.41 | 534.27 | 563.29 | 593.94 |
| <i>European Union - 27</i> | .. | .. | .. | 119.47 | 75.13 | 51.49 | 44.42 | 45.77 | 43.25 |
| OECD North America | 84.36 | 80.34 | 62.10 | 59.03 | 34.27 | 36.24 | 35.81 | 36.43 | 35.75 |
| OECD Pacific | 30.23 | 32.46 | 36.11 | 49.21 | 40.87 | 39.40 | 41.41 | 43.08 | 43.35 |
| OECD Europe | 189.06 | 172.89 | 150.53 | 121.41 | 79.47 | 61.61 | 53.66 | 56.77 | 55.67 |
| OECD Total | 303.65 | 285.69 | 248.74 | 229.65 | 154.61 | 137.25 | 130.88 | 136.28 | 134.77 |
| World | 621.67 | 621.48 | 699.85 | 761.36 | 670.25 | 532.67 | 665.16 | 699.57 | 728.71 |

Final consumption of oil (Mtoe)
Consommation finale de pétrole (Mtep)

Endverbrauch von Öl (Mtoe)

Consumo finale di petrolio (Mtep)

石油の最終消費量 (石油換算百万トン)

Consumo final de petróleo (Mtep)

Конечное потребление нефти и нефтепродуктов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 1.60 | 2.26 | 4.61 | 7.82 | 7.35 | 8.03 | 10.38 | 10.62 | 11.74 |
| Angola | 0.46 | 0.63 | 0.65 | 0.85 | 0.85 | 1.08 | 1.68 | 2.25 | 2.89 |
| Benin | 0.10 | 0.13 | 0.13 | 0.08 | 0.06 | 0.46 | 0.83 | 0.99 | 1.03 |
| Botswana | .. | .. | .. | 0.30 | 0.39 | 0.57 | 0.68 | 0.70 | 0.72 |
| Cameroon | 0.23 | 0.25 | 0.53 | 0.91 | 0.85 | 0.94 | 0.95 | 0.86 | 0.94 |
| Congo | 0.18 | 0.21 | 0.26 | 0.24 | 0.18 | 0.20 | 0.32 | 0.38 | 0.41 |
| DR of Congo | 0.49 | 0.56 | 0.70 | 0.69 | 0.40 | 0.42 | 0.45 | 0.46 | 0.47 |
| Côte d'Ivoire | 0.63 | 0.66 | 0.96 | 0.73 | 0.74 | 0.89 | 0.81 | 0.95 | 0.87 |
| Egypt | 5.15 | 5.40 | 9.58 | 15.96 | 16.50 | 19.93 | 24.03 | 24.51 | 26.15 |
| Eritrea | .. | .. | .. | .. | 0.17 | 0.15 | 0.15 | 0.12 | 0.11 |
| Ethiopia | 0.32 | 0.35 | 0.38 | 0.65 | 0.77 | 1.05 | 1.59 | 1.74 | 1.93 |
| Gabon | 0.12 | 0.16 | 0.37 | 0.20 | 0.35 | 0.32 | 0.49 | 0.49 | 0.57 |
| Ghana | 0.62 | 0.67 | 0.72 | 0.90 | 1.09 | 1.54 | 1.84 | 2.06 | 2.18 |
| Kenya | 1.06 | 1.22 | 1.65 | 1.88 | 2.08 | 1.99 | 2.49 | 2.81 | 2.84 |
| Libyan Arab Jamahiriya | 0.38 | 0.81 | 2.59 | 3.58 | 5.32 | 5.96 | 5.67 | 5.61 | 5.80 |
| Morocco | 1.66 | 2.01 | 3.21 | 3.58 | 4.82 | 5.42 | 7.37 | 7.59 | 7.94 |
| Mozambique | 0.32 | 0.33 | 0.39 | 0.30 | 0.33 | 0.42 | 0.49 | 0.52 | 0.62 |
| Namibia | .. | .. | .. | .. | 0.60 | 0.63 | 0.93 | 0.96 | 1.01 |
| Nigeria | 1.47 | 2.29 | 7.10 | 6.40 | 6.33 | 9.02 | 11.77 | 10.16 | 9.15 |
| Senegal | 0.28 | 0.33 | 0.46 | 0.43 | 0.50 | 0.69 | 0.80 | 0.75 | 0.77 |
| South Africa | 8.80 | 10.39 | 11.23 | 15.08 | 16.00 | 16.06 | 19.66 | 19.45 | 20.29 |
| Sudan | 0.99 | 1.42 | 1.12 | 1.67 | 1.24 | 1.37 | 2.51 | 2.87 | 2.71 |
| United Rep. of Tanzania | 0.42 | 0.49 | 0.44 | 0.46 | 0.63 | 0.65 | 1.20 | 1.28 | 1.37 |
| Togo | 0.09 | 0.08 | 0.12 | 0.17 | 0.18 | 0.28 | 0.31 | 0.27 | 0.27 |
| Tunisia | 0.82 | 0.95 | 1.62 | 2.33 | 2.74 | 3.34 | 3.62 | 3.31 | 3.29 |
| Zambia | 0.47 | 0.63 | 0.60 | 0.55 | 0.53 | 0.46 | 0.55 | 0.59 | 0.62 |
| Zimbabwe | 0.53 | 0.66 | 0.62 | 0.87 | 1.20 | 0.97 | 0.68 | 0.65 | 0.62 |
| Other Africa | 2.31 | 2.59 | 3.39 | 3.77 | 4.40 | 4.33 | 4.82 | 4.90 | 5.14 |
| Africa | 29.50 | 35.49 | 53.42 | 70.38 | 76.58 | 87.20 | 107.06 | 107.85 | 112.46 |
| Argentina | 16.63 | 17.13 | 19.07 | 15.54 | 21.17 | 22.32 | 22.73 | 24.46 | 23.82 |
| Bolivia | 0.59 | 0.69 | 1.15 | 1.20 | 1.74 | 1.58 | 1.84 | 1.68 | 2.12 |
| Brazil | 24.63 | 33.29 | 49.10 | 53.06 | 65.04 | 80.54 | 79.21 | 80.94 | 84.57 |
| Chile | 3.80 | 3.84 | 4.03 | 5.86 | 8.79 | 10.15 | 10.94 | 11.41 | 12.77 |
| Colombia | 5.30 | 5.71 | 6.47 | 8.74 | 11.92 | 11.13 | 10.51 | 10.71 | 10.22 |
| Costa Rica | 0.36 | 0.44 | 0.67 | 0.80 | 1.23 | 1.57 | 1.74 | 1.80 | 1.90 |
| Cuba | 4.17 | 5.56 | 6.37 | 4.99 | 2.44 | 2.66 | 2.60 | 2.65 | 2.80 |
| Dominican Republic | 0.75 | 0.88 | 1.08 | 1.53 | 2.26 | 3.75 | 3.37 | 3.23 | 3.33 |
| Ecuador | 0.95 | 1.05 | 2.75 | 4.03 | 4.39 | 5.31 | 6.32 | 6.48 | 7.10 |
| El Salvador | 0.35 | 0.43 | 0.50 | 0.66 | 1.10 | 1.36 | 1.55 | 1.54 | 1.52 |
| Guatemala | 0.61 | 0.67 | 0.87 | 1.04 | 1.64 | 2.17 | 2.57 | 2.68 | 2.70 |
| Haiti | 0.10 | 0.12 | 0.18 | 0.22 | 0.25 | 0.41 | 0.61 | 0.62 | 0.69 |
| Honduras | 0.30 | 0.36 | 0.48 | 0.69 | 0.88 | 1.03 | 1.40 | 1.45 | 1.67 |
| Jamaica | 1.28 | 1.90 | 1.69 | 1.65 | 1.03 | 1.40 | 1.44 | 1.93 | 2.14 |
| Netherlands Antilles | 2.08 | 2.15 | 1.04 | 0.58 | 0.71 | 0.67 | 0.70 | 0.71 | 0.72 |
| Nicaragua | 0.35 | 0.43 | 0.45 | 0.43 | 0.53 | 0.71 | 0.82 | 0.80 | 0.88 |
| Panama | 0.41 | 0.48 | 0.59 | 0.62 | 0.92 | 1.10 | 1.37 | 1.57 | 1.50 |
| Paraguay | 0.17 | 0.21 | 0.42 | 0.64 | 1.12 | 1.09 | 1.15 | 1.19 | 1.23 |
| Peru | 4.13 | 4.30 | 5.02 | 4.80 | 5.92 | 6.51 | 6.15 | 6.20 | 6.22 |
| Trinidad and Tobago | 0.36 | 0.50 | 0.73 | 0.62 | 0.60 | 0.70 | 0.80 | 0.94 | 0.96 |
| Uruguay | 1.34 | 1.35 | 1.41 | 1.07 | 1.31 | 1.49 | 1.29 | 1.30 | 1.42 |
| Venezuela | 6.39 | 7.57 | 12.67 | 14.36 | 17.90 | 18.02 | 20.86 | 23.25 | 24.25 |
| Other Latin America | 1.37 | 1.98 | 1.49 | 2.43 | 2.46 | 2.70 | 3.07 | 3.11 | 3.45 |
| Latin America | 76.43 | 91.03 | 118.21 | 125.55 | 155.33 | 178.36 | 183.04 | 190.67 | 198.00 |

Starting with this edition, international aviation bunkers are no longer included in the transport sector at the country level. They are subtracted out of supply in the same way as international marine bunkers. Time series for countries' consumption may have significantly decreased compared to last year's edition.

Final consumption of oil (Mtoe)
Consommation finale de pétrole (Mtep)

Endverbrauch von Öl (Mtoe)

Consumo finale di petrolio (Mtep)

石油の最終消費量 (石油換算百万トン)

Consumo final de petróleo (Mtep)

Конечное потребление нефти и нефтепродуктов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bangladesh | 0.56 | 0.59 | 1.24 | 1.57 | 2.41 | 2.70 | 3.67 | 3.35 | 3.53 |
| Brunei Darussalam | 0.06 | 0.06 | 0.18 | 0.30 | 0.45 | 0.43 | 0.49 | 0.44 | 0.47 |
| Cambodia | .. | .. | .. | .. | 0.36 | 0.56 | 0.92 | 0.98 | 1.00 |
| Chinese Taipei | 3.24 | 4.88 | 11.82 | 19.08 | 23.56 | 28.56 | 34.90 | 34.66 | 37.71 |
| India | 17.57 | 19.67 | 26.56 | 52.04 | 71.91 | 94.98 | 102.04 | 110.42 | 118.85 |
| Indonesia | 6.38 | 7.69 | 17.29 | 27.23 | 36.05 | 46.64 | 51.67 | 48.00 | 48.21 |
| DPR of Korea | 0.71 | 0.80 | 2.42 | 2.11 | 1.12 | 0.66 | 0.55 | 0.42 | 0.50 |
| Malaysia | 3.44 | 3.27 | 5.35 | 9.36 | 14.89 | 18.01 | 21.00 | 20.23 | 22.26 |
| Mongolia | .. | .. | .. | 0.72 | 0.31 | 0.40 | 0.52 | 0.59 | 0.73 |
| Myanmar | 1.17 | 0.93 | 1.12 | 0.56 | 1.17 | 1.48 | 1.70 | 1.60 | 1.68 |
| Nepal | 0.04 | 0.06 | 0.10 | 0.24 | 0.48 | 0.69 | 0.72 | 0.74 | 0.76 |
| Pakistan | 2.66 | 2.85 | 4.15 | 7.75 | 10.01 | 11.67 | 11.35 | 11.05 | 11.98 |
| Philippines | 5.82 | 6.66 | 7.06 | 7.63 | 11.62 | 13.09 | 12.13 | 11.33 | 11.48 |
| Singapore | 0.83 | 1.10 | 1.60 | 3.81 | 4.28 | 5.01 | 9.65 | 9.86 | 10.11 |
| Sri Lanka | 0.82 | 1.04 | 1.07 | 1.18 | 1.71 | 2.50 | 2.80 | 2.77 | 2.87 |
| Thailand | 4.53 | 5.46 | 7.21 | 14.84 | 24.16 | 27.44 | 35.36 | 35.47 | 36.73 |
| Vietnam | 3.48 | 3.71 | 1.66 | 2.36 | 4.30 | 6.65 | 11.72 | 12.00 | 12.80 |
| Other Asia | 1.20 | 1.43 | 1.98 | 2.06 | 1.97 | 1.86 | 2.42 | 2.50 | 2.83 |
| Asia | 52.53 | 60.21 | 90.82 | 152.84 | 210.76 | 263.34 | 303.61 | 306.39 | 324.50 |
| People's Rep. of China | 35.57 | 42.62 | 59.45 | 83.37 | 123.40 | 178.19 | 269.07 | 293.46 | 312.63 |
| Hong Kong, China | 1.57 | 1.46 | 1.89 | 2.85 | 3.75 | 5.44 | 2.93 | 2.72 | 2.84 |
| China | 37.14 | 44.08 | 61.35 | 86.23 | 127.15 | 183.63 | 272.00 | 296.18 | 315.48 |
| Albania | 0.58 | 0.47 | 1.23 | 0.89 | 0.48 | 0.91 | 1.48 | 1.31 | 1.31 |
| Bosnia and Herzegovina | .. | .. | .. | 1.56 | 0.51 | 1.11 | 1.08 | 1.14 | 1.20 |
| Bulgaria | 8.48 | 9.04 | 8.22 | 5.52 | 3.26 | 3.58 | 3.97 | 4.24 | 4.11 |
| Croatia | .. | .. | .. | 3.08 | 2.41 | 2.87 | 3.38 | 3.49 | 3.54 |
| Cyprus | 0.38 | 0.48 | 0.53 | 0.66 | 0.96 | 1.11 | 1.16 | 1.16 | 1.18 |
| Gibraltar | 0.02 | 0.02 | 0.02 | 0.04 | 0.08 | 0.10 | 0.11 | 0.11 | 0.12 |
| FYR of Macedonia | .. | .. | .. | 0.89 | 0.62 | 0.64 | 0.72 | 0.71 | 0.77 |
| Malta | 0.10 | 0.12 | 0.12 | 0.19 | 0.27 | 0.18 | 0.22 | 0.20 | 0.20 |
| Romania | 9.34 | 10.62 | 14.67 | 8.74 | 6.05 | 6.42 | 7.87 | 7.88 | 8.64 |
| Serbia | .. | .. | .. | 4.31 | 1.43 | 1.18 | 3.01 | 3.06 | 3.49 |
| Slovenia | .. | .. | .. | 1.50 | 2.12 | 2.33 | 2.52 | 2.61 | 2.54 |
| Former Yugoslavia | 7.48 | 8.54 | 10.83 | x | x | x | x | x | x |
| Non-OECD Europe | 26.38 | 29.28 | 35.63 | 27.38 | 18.19 | 20.43 | 25.52 | 25.92 | 27.10 |
| Armenia | .. | .. | .. | 2.36 | 0.19 | 0.29 | 0.37 | 0.35 | 0.37 |
| Azerbaijan | .. | .. | .. | 4.89 | 2.27 | 1.86 | 2.84 | 2.19 | 2.51 |
| Belarus | .. | .. | .. | 13.62 | 5.34 | 4.72 | 5.52 | 6.29 | 6.42 |
| Estonia | .. | .. | .. | 1.98 | 0.89 | 0.77 | 0.97 | 0.99 | 1.03 |
| Georgia | .. | .. | .. | 2.88 | 0.66 | 0.63 | 0.70 | 0.72 | 0.93 |
| Kazakhstan | .. | .. | .. | 15.07 | 8.73 | 6.58 | 7.88 | 8.50 | 8.79 |
| Kyrgyzstan | .. | .. | .. | 3.04 | 0.54 | 0.44 | 0.62 | 0.58 | 0.68 |
| Latvia | .. | .. | .. | 2.07 | 1.17 | 1.10 | 1.37 | 1.51 | 1.64 |
| Lithuania | .. | .. | .. | 4.15 | 1.69 | 1.44 | 1.78 | 1.84 | 2.02 |
| Republic of Moldova | .. | .. | .. | 3.60 | 0.69 | 0.38 | 0.63 | 0.62 | 0.65 |
| Russian Federation | .. | .. | .. | 145.00 | 86.41 | 90.57 | 91.90 | 95.67 | 99.53 |
| Tajikistan | .. | .. | .. | 1.95 | 1.20 | 0.89 | 1.44 | 1.62 | 1.80 |
| Turkmenistan | .. | .. | .. | 4.86 | 2.29 | 2.67 | 3.13 | 3.13 | 3.48 |
| Ukraine | .. | .. | .. | 42.66 | 20.05 | 10.59 | 12.93 | 13.26 | 14.26 |
| Uzbekistan | .. | .. | .. | 7.33 | 4.79 | 4.71 | 3.82 | 3.56 | 3.46 |
| Former Soviet Union | 177.65 | 203.08 | 274.02 | 255.46 | 136.92 | 127.63 | 135.88 | 140.84 | 147.56 |

Starting with this edition, international aviation bunkers are no longer included in the transport sector at the country level. They are subtracted out of supply in the same way as international marine bunkers. Time series for countries' consumption may have significantly decreased compared to last year's edition.

Final consumption of oil (Mtoe)
Consommation finale de pétrole (Mtep)

Endverbrauch von Öl (Mtoe)

Consumo finale di petrolio (Mtep)

石油の最終消費量 (石油換算百万トン)

Consumo final de petróleo (Mtep)

Конечное потребление нефти и нефтепродуктов (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bahrain | 0.08 | 0.09 | 0.26 | 0.40 | 0.49 | 0.59 | 0.96 | 0.98 | 1.07 |
| Islamic Republic of Iran | 9.18 | 12.11 | 23.26 | 38.81 | 47.01 | 53.51 | 63.72 | 67.24 | 66.59 |
| Iraq | 1.95 | 2.22 | 6.38 | 12.00 | 14.06 | 16.11 | 18.39 | 19.20 | 19.80 |
| Israel | 2.63 | 2.91 | 3.44 | 5.00 | 6.92 | 8.03 | 7.58 | 7.77 | 8.18 |
| Jordan | 0.38 | 0.46 | 1.07 | 1.99 | 2.44 | 2.91 | 3.75 | 3.68 | 3.75 |
| Kuwait | 0.88 | 0.96 | 2.23 | 1.76 | 3.45 | 3.33 | 5.30 | 4.92 | 5.17 |
| Lebanon | 1.25 | 1.48 | 1.17 | 1.23 | 2.88 | 2.68 | 2.87 | 2.18 | 1.62 |
| Oman | 0.08 | 0.08 | 0.49 | 1.27 | 1.97 | 2.08 | 3.00 | 3.29 | 3.70 |
| Qatar | 0.08 | 0.12 | 0.60 | 1.32 | 1.59 | 2.04 | 3.84 | 4.31 | 5.06 |
| Saudi Arabia | 2.09 | 3.08 | 20.54 | 28.83 | 35.56 | 43.22 | 57.58 | 60.42 | 63.65 |
| Syrian Arab Republic | 1.82 | 1.63 | 4.22 | 7.09 | 8.48 | 8.33 | 7.54 | 7.91 | 8.04 |
| United Arab Emirates | 0.14 | 0.26 | 3.01 | 5.74 | 6.70 | 6.75 | 9.46 | 9.86 | 10.37 |
| Yemen | 0.28 | 0.47 | 0.92 | 1.66 | 2.37 | 3.10 | 4.46 | 4.66 | 4.73 |
| Middle East | 20.83 | 25.86 | 67.59 | 107.10 | 133.90 | 152.71 | 188.45 | 196.42 | 201.72 |
| Non-OECD Total | 420.47 | 489.03 | 701.04 | 824.95 | 858.83 | 1 013.30 | 1 215.56 | 1 264.27 | 1 326.81 |
| <i>European Union - 27</i> | .. | .. | .. | 500.89 | 517.28 | 535.77 | 553.06 | 550.06 | 537.81 |
| OECD North America | 718.94 | 791.33 | 808.82 | 806.90 | 851.26 | 934.44 | 1 007.91 | 1 005.32 | 999.86 |
| OECD Pacific | 177.65 | 208.71 | 205.82 | 260.60 | 320.92 | 332.55 | 322.27 | 314.93 | 309.68 |
| OECD Europe | 507.96 | 577.22 | 546.91 | 516.03 | 545.82 | 564.47 | 579.90 | 577.95 | 564.86 |
| OECD Total | 1 404.55 | 1 577.27 | 1 561.56 | 1 583.52 | 1 717.99 | 1 831.46 | 1 910.09 | 1 898.20 | 1 874.40 |
| World marine bunkers | 107.96 | 119.45 | 107.89 | 112.46 | 126.56 | 146.68 | 172.71 | 182.35 | 191.64 |
| World aviation bunkers | 56.86 | 62.65 | 67.69 | 85.59 | 95.99 | 116.10 | 131.98 | 135.04 | 138.90 |
| World | 1 989.83 | 2 248.40 | 2 438.17 | 2 606.52 | 2 799.37 | 3 107.53 | 3 430.34 | 3 479.86 | 3 531.74 |

Starting with this edition, international aviation bunkers are no longer included in the transport sector at the country level. They are subtracted out of supply in the same way as international marine bunkers. Time series for countries' consumption may have significantly decreased compared to last year's edition.

Final consumption of gas (Mtoe)
Consommation finale de gaz (Mtep)
Endverbrauch von Gas (Mtoe)
Consumo finale di gas (Mtep)
 ガスの最終消費量 (石油換算百万トン)
Consumo final de gas natural (Mtep)
Конечное потребление газа (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Algeria | 0.24 | 0.27 | 0.81 | 3.36 | 4.32 | 5.31 | 7.70 | 8.02 | 8.59 |
| Angola | 0.04 | 0.05 | 0.06 | 0.44 | 0.46 | 0.47 | 0.61 | 0.65 | 0.57 |
| Côte d'Ivoire | - | - | - | - | - | 0.49 | 0.14 | 0.30 | 0.13 |
| Egypt | 0.00 | 0.00 | 0.75 | 2.42 | 3.10 | 5.03 | 8.12 | 9.68 | 10.33 |
| Gabon | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Libyan Arab Jamahiriya | 0.28 | 0.26 | 1.01 | 1.29 | 1.74 | 2.15 | 2.06 | 2.25 | 2.26 |
| Morocco | 0.04 | 0.06 | 0.06 | 0.04 | 0.01 | 0.04 | 0.03 | 0.05 | 0.05 |
| Mozambique | - | - | - | - | - | 0.00 | 0.02 | 0.03 | 0.03 |
| Nigeria | 0.03 | 0.03 | 0.04 | 0.72 | 0.74 | 1.01 | 1.40 | 1.51 | 1.78 |
| South Africa | 0.14 | 0.22 | 0.48 | 0.50 | 0.57 | 0.86 | 1.87 | 2.27 | 2.33 |
| United Rep. of Tanzania | - | - | - | - | - | - | 0.05 | 0.07 | 0.07 |
| Tunisia | 0.01 | 0.01 | 0.09 | 0.32 | 0.47 | 0.61 | 0.74 | 0.87 | 0.98 |
| Other Africa | - | - | - | - | - | 0.00 | 0.40 | 1.06 | 1.16 |
| Africa | 0.77 | 0.91 | 3.29 | 9.08 | 11.40 | 15.96 | 23.15 | 26.77 | 28.28 |
| Argentina | 2.89 | 3.68 | 5.41 | 9.57 | 13.60 | 15.59 | 18.49 | 19.18 | 19.86 |
| Bolivia | - | 0.00 | 0.04 | 0.17 | 0.30 | 0.35 | 0.53 | 0.60 | 0.70 |
| Brazil | 0.15 | 0.22 | 0.89 | 2.42 | 2.98 | 4.79 | 9.61 | 10.55 | 11.05 |
| Chile | 0.05 | 0.10 | 0.16 | 0.95 | 0.96 | 3.33 | 3.53 | 3.79 | 2.32 |
| Colombia | 0.11 | 0.21 | 0.54 | 0.91 | 1.20 | 1.62 | 2.83 | 3.21 | 3.15 |
| Cuba | 0.03 | 0.05 | 0.07 | 0.14 | 0.15 | 0.60 | 0.75 | 1.04 | 1.13 |
| Peru | 0.04 | 0.04 | 0.07 | 0.07 | 0.00 | 0.00 | 0.14 | 0.30 | 0.48 |
| Trinidad and Tobago | 0.46 | 0.52 | 0.86 | 2.82 | 3.13 | 5.92 | 8.00 | 9.39 | 9.76 |
| Uruguay | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.04 | 0.08 | 0.08 | 0.08 |
| Venezuela | 2.12 | 3.91 | 7.52 | 8.34 | 10.55 | 10.98 | 11.90 | 12.08 | 11.95 |
| Other Latin America | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.30 | 0.62 | 0.59 | 0.60 |
| Latin America | 5.87 | 8.74 | 15.58 | 25.40 | 32.91 | 43.53 | 56.46 | 60.81 | 61.08 |
| Bangladesh | 0.19 | 0.33 | 0.66 | 1.85 | 2.84 | 3.53 | 5.44 | 5.61 | 5.61 |
| Brunei Darussalam | - | - | - | - | - | - | - | 0.01 | 0.03 |
| Chinese Taipei | 0.65 | 0.94 | 1.35 | 0.88 | 1.50 | 1.55 | 1.78 | 1.81 | 1.85 |
| India | 0.28 | 0.29 | 0.68 | 5.64 | 8.40 | 9.69 | 14.95 | 16.52 | 17.87 |
| Indonesia | 0.10 | 0.12 | 2.36 | 6.64 | 6.68 | 11.03 | 12.71 | 11.99 | 14.67 |
| Malaysia | 0.01 | 0.01 | 0.04 | 1.09 | 1.93 | 3.86 | 6.98 | 9.32 | 10.37 |
| Myanmar | 0.02 | 0.03 | 0.08 | 0.22 | 0.29 | 0.32 | 2.22 | 1.80 | 1.76 |
| Pakistan | 1.50 | 1.80 | 3.02 | 6.01 | 8.20 | 10.18 | 15.20 | 16.44 | 17.70 |
| Philippines | - | - | - | - | - | - | 0.01 | 0.05 | 0.08 |
| Singapore | 0.02 | 0.02 | 0.05 | 0.06 | 0.08 | 0.11 | 0.11 | 0.11 | 0.11 |
| Thailand | - | - | - | 0.24 | 0.72 | 1.26 | 1.86 | 2.05 | 2.37 |
| Vietnam | - | - | - | - | 0.02 | 0.02 | 0.10 | 0.33 | 0.54 |
| Other Asia | 0.19 | 0.15 | 0.09 | 0.24 | 0.14 | 0.10 | 0.11 | 0.14 | 0.15 |
| Asia | 2.96 | 3.69 | 8.33 | 22.88 | 30.80 | 41.65 | 61.46 | 66.17 | 73.11 |
| People's Rep. of China | 1.41 | 2.25 | 6.78 | 9.72 | 10.97 | 14.86 | 31.85 | 37.46 | 44.95 |
| Hong Kong, China | 0.02 | 0.03 | 0.08 | 0.32 | 0.47 | 0.56 | 0.59 | 0.58 | 0.58 |
| China | 1.43 | 2.28 | 6.86 | 10.04 | 11.45 | 15.42 | 32.44 | 38.04 | 45.53 |
| Albania | 0.11 | 0.16 | 0.32 | 0.20 | 0.02 | 0.00 | - | - | 0.00 |
| Bosnia and Herzegovina | .. | .. | .. | 0.34 | 0.12 | 0.16 | 0.25 | 0.26 | 0.28 |
| Bulgaria | 0.25 | 0.17 | 3.18 | 2.60 | 2.10 | 1.71 | 1.68 | 1.71 | 1.81 |
| Croatia | .. | .. | .. | 1.26 | 1.36 | 1.46 | 1.63 | 1.58 | 1.62 |
| FYR of Macedonia | .. | .. | .. | - | - | 0.01 | 0.03 | 0.03 | 0.03 |
| Romania | 13.01 | 13.89 | 27.25 | 19.85 | 10.13 | 7.28 | 8.26 | 8.44 | 7.39 |
| Serbia | .. | .. | .. | 2.36 | 0.89 | 1.16 | 1.24 | 1.40 | 1.24 |
| Slovenia | .. | .. | .. | 0.72 | 0.66 | 0.69 | 0.79 | 0.77 | 0.78 |
| Former Yugoslavia | 0.80 | 0.98 | 2.12 | x | x | x | x | x | x |
| Non-OECD Europe | 14.16 | 15.21 | 32.88 | 27.33 | 15.28 | 12.45 | 13.87 | 14.20 | 13.15 |

Final consumption of gas (Mtoe)
Consommation finale de gaz (Mtep)
Endverbrauch von Gas (Mtoe)
Consumo finale di gas (Mtep)
ガスの最終消費量 (石油換算百万トン)
Consumo final de gas natural (Mtep)
Конечное потребление газа (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Armenia | .. | .. | .. | 2.75 | 0.62 | 0.44 | 0.93 | 0.99 | 1.18 |
| Azerbaijan | .. | .. | .. | 14.25 | 4.39 | 3.24 | 3.21 | 3.12 | 2.59 |
| Belarus | .. | .. | .. | 4.45 | 3.13 | 3.37 | 4.15 | 4.41 | 4.56 |
| Estonia | .. | .. | .. | 0.44 | 0.37 | 0.28 | 0.38 | 0.39 | 0.39 |
| Georgia | .. | .. | .. | 2.59 | 0.31 | 0.46 | 0.44 | 0.61 | 0.53 |
| Kazakhstan | .. | .. | .. | 7.77 | 7.12 | 5.93 | 11.97 | 14.06 | 15.76 |
| Kyrgyzstan | .. | .. | .. | 0.61 | 0.12 | 0.16 | 0.23 | 0.24 | 0.26 |
| Latvia | .. | .. | .. | 0.70 | 0.37 | 0.33 | 0.51 | 0.51 | 0.52 |
| Lithuania | .. | .. | .. | 2.13 | 0.99 | 0.91 | 1.10 | 1.17 | 1.69 |
| Republic of Moldova | .. | .. | .. | 0.98 | 1.24 | 0.47 | 0.74 | 0.64 | 0.65 |
| Russian Federation | .. | .. | .. | 143.08 | 118.12 | 117.14 | 128.02 | 130.66 | 131.13 |
| Tajikistan | .. | .. | .. | 0.73 | 0.27 | 0.38 | 0.29 | 0.29 | 0.29 |
| Turkmenistan | .. | .. | .. | 6.74 | 6.22 | 6.05 | 6.09 | 5.82 | 6.33 |
| Ukraine | .. | .. | .. | 33.22 | 28.26 | 28.51 | 34.76 | 33.93 | 32.98 |
| Uzbekistan | .. | .. | .. | 19.68 | 21.76 | 26.61 | 25.48 | 26.62 | 26.83 |
| Former Soviet Union | 100.90 | 116.20 | 181.67 | 240.11 | 193.27 | 194.27 | 218.31 | 223.44 | 225.70 |
| Bahrain | 0.18 | 0.59 | 0.87 | 1.71 | 1.55 | 1.48 | 1.73 | 2.34 | 2.12 |
| Islamic Republic of Iran | 1.50 | 1.92 | 1.61 | 9.35 | 22.98 | 29.31 | 46.38 | 53.77 | 63.34 |
| Iraq | 0.76 | 0.99 | 1.05 | 1.62 | 2.59 | 2.57 | 1.18 | 1.18 | 1.19 |
| Israel | 0.09 | 0.05 | 0.13 | 0.03 | 0.02 | 0.00 | - | - | - |
| Kuwait | 3.31 | 3.87 | 4.24 | 1.75 | 2.46 | 2.83 | 3.82 | 3.39 | 2.71 |
| Oman | - | - | - | 0.32 | 0.17 | 0.40 | 1.13 | 1.42 | 3.59 |
| Qatar | 0.35 | 0.58 | 1.30 | 2.40 | 2.78 | 3.68 | 4.52 | 4.97 | 5.75 |
| Saudi Arabia | - | - | 0.25 | 4.93 | 3.73 | 6.45 | 12.46 | 15.53 | 15.58 |
| Syrian Arab Republic | - | - | - | 0.75 | 0.93 | 2.59 | 1.78 | 1.67 | 2.05 |
| United Arab Emirates | 0.81 | 0.82 | 2.00 | 8.73 | 12.62 | 14.93 | 12.33 | 12.74 | 14.81 |
| Middle East | 7.00 | 8.81 | 11.44 | 31.60 | 49.82 | 64.24 | 85.34 | 97.00 | 111.15 |
| Non-OECD Total | 133.10 | 155.84 | 260.04 | 366.45 | 344.93 | 387.53 | 491.04 | 526.42 | 558.00 |
| <i>European Union - 27</i> | .. | .. | .. | 228.11 | 246.14 | 270.81 | 291.46 | 283.67 | 276.03 |
| OECD North America | 385.14 | 398.30 | 386.47 | 360.45 | 392.34 | 428.45 | 382.38 | 369.46 | 392.04 |
| OECD Pacific | 7.58 | 9.54 | 15.42 | 26.03 | 35.86 | 48.57 | 59.44 | 62.38 | 65.41 |
| OECD Europe | 77.70 | 107.70 | 166.59 | 203.95 | 236.39 | 267.42 | 292.18 | 286.57 | 280.74 |
| OECD Total | 470.42 | 515.53 | 568.48 | 590.43 | 664.59 | 744.43 | 734.00 | 718.42 | 738.20 |
| World | 603.52 | 671.37 | 828.53 | 956.88 | 1 009.52 | 1 131.96 | 1 225.04 | 1 244.84 | 1 296.19 |

Final consumption of electricity (Mtoe)
Consommation finale d'électricité (Mtep)

Stromendverbrauch (Mtoe)

Consumo finale di energia elettrica (Mtep)

電力の最終消費量（石油換算百万トン）

Consumo final de electricidad (Mtep)

Конечное потребление электроэнергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Algeria | 0.14 | 0.17 | 0.43 | 1.06 | 1.25 | 1.60 | 2.29 | 2.28 | 2.41 |
| Angola | 0.04 | 0.06 | 0.04 | 0.05 | 0.06 | 0.10 | 0.18 | 0.20 | 0.26 |
| Benin | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 0.03 | 0.05 | 0.05 | 0.05 |
| Botswana | .. | .. | .. | 0.07 | 0.11 | 0.17 | 0.21 | 0.22 | 0.22 |
| Cameroon | 0.09 | 0.09 | 0.12 | 0.20 | 0.19 | 0.23 | 0.28 | 0.36 | 0.38 |
| Congo | 0.01 | 0.01 | 0.01 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.04 |
| DR of Congo | 0.31 | 0.30 | 0.34 | 0.18 | 0.18 | 0.21 | 0.25 | 0.26 | 0.28 |
| Côte d'Ivoire | 0.04 | 0.05 | 0.12 | 0.16 | 0.20 | 0.24 | 0.26 | 0.28 | 0.30 |
| Egypt | 0.59 | 0.60 | 1.34 | 3.11 | 3.83 | 5.53 | 7.92 | 8.47 | 9.17 |
| Eritrea | .. | .. | .. | .. | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 |
| Ethiopia | 0.05 | 0.05 | 0.05 | 0.08 | 0.11 | 0.12 | 0.20 | 0.22 | 0.27 |
| Gabon | 0.01 | 0.01 | 0.04 | 0.07 | 0.07 | 0.09 | 0.10 | 0.11 | 0.12 |
| Ghana | 0.24 | 0.31 | 0.39 | 0.38 | 0.53 | 0.52 | 0.45 | 0.56 | 0.48 |
| Kenya | 0.08 | 0.09 | 0.14 | 0.25 | 0.31 | 0.29 | 0.42 | 0.46 | 0.48 |
| Libyan Arab Jamahiriya | 0.03 | 0.07 | 0.26 | 0.50 | 0.64 | 0.87 | 1.64 | 1.86 | 1.88 |
| Morocco | 0.16 | 0.20 | 0.37 | 0.70 | 0.92 | 1.10 | 1.52 | 1.66 | 1.77 |
| Mozambique | 0.04 | 0.05 | 0.04 | 0.04 | 0.06 | 0.18 | 0.79 | 0.81 | 0.79 |
| Namibia | .. | .. | .. | .. | 0.13 | 0.19 | 0.25 | 0.27 | 0.28 |
| Nigeria | 0.14 | 0.18 | 0.40 | 0.68 | 0.81 | 0.75 | 1.49 | 1.31 | 1.69 |
| Senegal | 0.03 | 0.03 | 0.05 | 0.06 | 0.08 | 0.08 | 0.15 | 0.15 | 0.13 |
| South Africa | 4.01 | 4.74 | 7.62 | 11.13 | 12.31 | 13.98 | 16.60 | 17.12 | 17.89 |
| Sudan | 0.03 | 0.04 | 0.06 | 0.11 | 0.12 | 0.19 | 0.26 | 0.29 | 0.31 |
| United Rep. of Tanzania | 0.04 | 0.04 | 0.06 | 0.11 | 0.14 | 0.16 | 0.22 | 0.23 | 0.27 |
| Togo | 0.01 | 0.01 | 0.01 | 0.03 | 0.04 | 0.04 | 0.05 | 0.05 | 0.05 |
| Tunisia | 0.07 | 0.08 | 0.21 | 0.42 | 0.57 | 0.77 | 1.08 | 1.17 | 1.04 |
| Zambia | 0.38 | 0.44 | 0.50 | 0.51 | 0.54 | 0.52 | 0.69 | 0.71 | 0.74 |
| Zimbabwe | 0.30 | 0.42 | 0.60 | 0.77 | 0.79 | 0.90 | 1.04 | 0.99 | 0.93 |
| Other Africa | 0.21 | 0.26 | 0.40 | 0.57 | 0.64 | 0.88 | 1.06 | 1.08 | 1.13 |
| Africa | 7.03 | 8.30 | 13.60 | 21.29 | 24.66 | 29.79 | 39.51 | 41.23 | 43.38 |
| Argentina | 1.70 | 1.96 | 2.83 | 3.47 | 4.76 | 6.49 | 7.76 | 8.30 | 8.47 |
| Bolivia | 0.07 | 0.07 | 0.12 | 0.15 | 0.23 | 0.30 | 0.36 | 0.39 | 0.42 |
| Brazil | 3.65 | 4.66 | 10.19 | 18.13 | 22.06 | 27.47 | 31.11 | 32.28 | 34.01 |
| Chile | 0.61 | 0.63 | 0.84 | 1.33 | 2.08 | 3.16 | 4.16 | 4.37 | 4.56 |
| Colombia | 0.76 | 0.77 | 1.37 | 2.31 | 3.00 | 2.87 | 3.35 | 3.49 | 3.63 |
| Costa Rica | 0.09 | 0.10 | 0.17 | 0.29 | 0.37 | 0.53 | 0.64 | 0.67 | 0.71 |
| Cuba | 0.34 | 0.39 | 0.69 | 1.03 | 0.79 | 1.01 | 1.03 | 1.12 | 1.18 |
| Dominican Republic | 0.09 | 0.16 | 0.21 | 0.27 | 0.32 | 0.51 | 1.01 | 1.05 | 1.12 |
| Ecuador | 0.07 | 0.08 | 0.25 | 0.41 | 0.55 | 0.68 | 0.78 | 0.82 | 0.87 |
| El Salvador | 0.05 | 0.07 | 0.11 | 0.16 | 0.24 | 0.34 | 0.36 | 0.40 | 0.48 |
| Guatemala | 0.06 | 0.07 | 0.14 | 0.17 | 0.25 | 0.33 | 0.55 | 0.59 | 0.62 |
| Haiti | 0.01 | 0.01 | 0.02 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 |
| Honduras | 0.03 | 0.04 | 0.07 | 0.15 | 0.17 | 0.28 | 0.37 | 0.38 | 0.42 |
| Jamaica | 0.13 | 0.16 | 0.09 | 0.14 | 0.45 | 0.52 | 0.55 | 0.56 | 0.58 |
| Netherlands Antilles | 0.05 | 0.05 | 0.05 | 0.05 | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 |
| Nicaragua | 0.05 | 0.05 | 0.08 | 0.09 | 0.09 | 0.12 | 0.15 | 0.18 | 0.19 |
| Panama | 0.07 | 0.08 | 0.13 | 0.18 | 0.25 | 0.33 | 0.41 | 0.42 | 0.46 |
| Paraguay | 0.02 | 0.02 | 0.07 | 0.17 | 0.31 | 0.38 | 0.41 | 0.44 | 0.48 |
| Peru | 0.46 | 0.52 | 0.75 | 1.01 | 1.11 | 1.49 | 1.96 | 2.10 | 2.31 |
| Trinidad and Tobago | 0.05 | 0.07 | 0.15 | 0.27 | 0.31 | 0.41 | 0.55 | 0.55 | 0.63 |
| Uruguay | 0.17 | 0.16 | 0.24 | 0.33 | 0.43 | 0.55 | 0.56 | 0.57 | 0.61 |
| Venezuela | 0.84 | 1.00 | 2.37 | 3.87 | 4.73 | 5.23 | 6.12 | 6.50 | 6.43 |
| Other Latin America | 0.27 | 0.31 | 0.38 | 0.55 | 0.72 | 0.84 | 0.92 | 0.94 | 0.97 |
| Latin America | 9.61 | 11.41 | 21.30 | 34.56 | 43.29 | 53.92 | 63.22 | 66.23 | 69.27 |

Final consumption of electricity (Mtoe)
Consommation finale d'électricité (Mtep)

Stromendverbrauch (Mtoe)

Consumo finale di energia elettrica (Mtep)

電力の最終消費量 (石油換算百万トン)

Consumo final de electricidad (Mtep)

Конечное потребление электроэнергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|--------------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|---------------|
| Bangladesh | 0.06 | 0.09 | 0.12 | 0.40 | 0.72 | 1.07 | 1.65 | 1.80 | 1.82 |
| Brunei Darussalam | 0.02 | 0.02 | 0.03 | 0.09 | 0.15 | 0.21 | 0.26 | 0.26 | 0.27 |
| Cambodia | .. | .. | .. | .. | 0.01 | 0.03 | 0.06 | 0.09 | 0.12 |
| Chinese Taipei | 1.15 | 1.50 | 3.17 | 6.59 | 9.70 | 13.76 | 17.10 | 17.69 | 18.29 |
| India | 4.45 | 4.77 | 7.70 | 18.21 | 26.59 | 31.71 | 40.67 | 44.43 | 48.75 |
| Indonesia | 0.15 | 0.17 | 0.54 | 2.33 | 4.28 | 6.81 | 9.20 | 9.68 | 10.43 |
| DPR of Korea | 1.08 | 1.21 | 1.55 | 2.03 | 1.54 | 1.25 | 1.47 | 1.44 | 1.38 |
| Malaysia | 0.28 | 0.35 | 0.75 | 1.72 | 3.38 | 5.26 | 6.94 | 7.27 | 7.69 |
| Mongolia | .. | .. | .. | 0.24 | 0.17 | 0.17 | 0.23 | 0.23 | 0.25 |
| Myanmar | 0.04 | 0.05 | 0.09 | 0.15 | 0.20 | 0.28 | 0.32 | 0.38 | 0.39 |
| Nepal | 0.01 | 0.01 | 0.01 | 0.05 | 0.07 | 0.11 | 0.17 | 0.18 | 0.18 |
| Pakistan | 0.46 | 0.53 | 0.89 | 2.48 | 3.61 | 4.18 | 5.81 | 6.25 | 6.31 |
| Philippines | 0.71 | 1.03 | 1.47 | 1.82 | 2.29 | 3.14 | 3.88 | 3.93 | 4.13 |
| Singapore | 0.18 | 0.25 | 0.47 | 1.11 | 1.57 | 2.35 | 2.78 | 2.89 | 3.03 |
| Sri Lanka | 0.06 | 0.08 | 0.12 | 0.22 | 0.32 | 0.47 | 0.62 | 0.67 | 0.70 |
| Thailand | 0.37 | 0.53 | 1.12 | 3.30 | 6.13 | 7.56 | 10.43 | 10.99 | 11.45 |
| Vietnam | 0.15 | 0.16 | 0.23 | 0.53 | 0.96 | 1.93 | 3.97 | 4.63 | 5.26 |
| Other Asia | 0.19 | 0.29 | 0.51 | 0.52 | 0.56 | 0.65 | 0.93 | 0.97 | 1.10 |
| Asia | 9.37 | 11.02 | 18.77 | 41.79 | 62.24 | 80.95 | 106.52 | 113.79 | 121.55 |
| People's Rep. of China | 9.82 | 11.83 | 21.35 | 41.43 | 65.93 | 89.86 | 171.53 | 199.25 | 230.14 |
| Hong Kong, China | 0.45 | 0.52 | 0.94 | 2.05 | 2.57 | 3.12 | 3.44 | 3.47 | 3.51 |
| China | 10.27 | 12.35 | 22.29 | 43.48 | 68.50 | 92.98 | 174.97 | 202.72 | 233.65 |
| Albania | 0.09 | 0.11 | 0.25 | 0.14 | 0.17 | 0.31 | 0.31 | 0.24 | 0.31 |
| Bosnia and Herzegovina | .. | .. | .. | 0.87 | 0.31 | 0.50 | 0.67 | 0.67 | 0.67 |
| Bulgaria | 1.50 | 1.78 | 2.55 | 3.03 | 2.47 | 2.09 | 2.21 | 2.31 | 2.34 |
| Croatia | .. | .. | .. | 1.14 | 0.85 | 1.02 | 1.24 | 1.29 | 1.32 |
| Cyprus | 0.05 | 0.06 | 0.08 | 0.15 | 0.19 | 0.26 | 0.34 | 0.36 | 0.38 |
| Gibraltar | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| FYR of Macedonia | .. | .. | .. | 0.40 | 0.43 | 0.45 | 0.54 | 0.55 | 0.58 |
| Malta | 0.02 | 0.03 | 0.04 | 0.08 | 0.11 | 0.13 | 0.17 | 0.16 | 0.16 |
| Romania | 2.43 | 2.89 | 4.65 | 4.66 | 3.13 | 2.92 | 3.34 | 3.52 | 3.52 |
| Serbia | .. | .. | .. | 2.78 | 2.17 | 2.35 | 2.21 | 2.26 | 2.28 |
| Slovenia | .. | .. | .. | 0.79 | 0.80 | 0.90 | 1.10 | 1.13 | 1.14 |
| Former Yugoslavia | 2.05 | 2.46 | 4.21 | x | x | x | x | x | x |
| Non-OECD Europe | 6.15 | 7.34 | 11.78 | 14.07 | 10.64 | 10.94 | 12.13 | 12.51 | 12.71 |
| Armenia | .. | .. | .. | 0.78 | 0.26 | 0.31 | 0.36 | 0.39 | 0.41 |
| Azerbaijan | .. | .. | .. | 1.59 | 1.17 | 1.28 | 1.57 | 1.72 | 1.32 |
| Belarus | .. | .. | .. | 3.26 | 2.18 | 2.30 | 2.38 | 2.45 | 2.47 |
| Estonia | .. | .. | .. | 0.59 | 0.39 | 0.43 | 0.52 | 0.56 | 0.58 |
| Georgia | .. | .. | .. | 1.16 | 0.57 | 0.54 | 0.53 | 0.49 | 0.50 |
| Kazakhstan | .. | .. | .. | 8.30 | 4.44 | 3.03 | 3.96 | 4.26 | 4.42 |
| Kyrgyzstan | .. | .. | .. | 0.85 | 0.79 | 0.78 | 0.80 | 0.89 | 0.77 |
| Latvia | .. | .. | .. | 0.72 | 0.38 | 0.39 | 0.49 | 0.53 | 0.57 |
| Lithuania | .. | .. | .. | 1.03 | 0.55 | 0.53 | 0.69 | 0.73 | 0.76 |
| Republic of Moldova | .. | .. | .. | 0.89 | 0.50 | 0.27 | 0.43 | 0.44 | 0.36 |
| Russian Federation | .. | .. | .. | 71.09 | 53.18 | 52.33 | 55.90 | 58.60 | 60.28 |
| Tajikistan | .. | .. | .. | 1.53 | 1.19 | 1.14 | 1.25 | 1.26 | 1.27 |
| Turkmenistan | .. | .. | .. | 0.72 | 0.43 | 0.50 | 0.64 | 0.68 | 0.74 |
| Ukraine | .. | .. | .. | 17.68 | 12.34 | 9.76 | 10.59 | 11.15 | 11.61 |
| Uzbekistan | .. | .. | .. | 3.69 | 3.26 | 3.42 | 3.38 | 3.50 | 3.47 |
| Former Soviet Union | 54.67 | 62.41 | 82.85 | 113.88 | 81.62 | 77.01 | 83.48 | 87.64 | 89.54 |

Final consumption of electricity (Mtoe)
Consommation finale d'électricité (Mtep)

Stromendverbrauch (Mtoe)

Consumo finale di energia elettrica (Mtep)

電力の最終消費量 (石油換算百万トン)

Consumo final de electricidad (Mtep)

Конечное потребление электроэнергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|
| Bahrain | 0.04 | 0.04 | 0.14 | 0.26 | 0.37 | 0.47 | 0.68 | 0.78 | 0.92 |
| Islamic Republic of Iran | 0.61 | 0.91 | 1.67 | 4.24 | 5.81 | 8.12 | 11.78 | 12.63 | 13.34 |
| Iraq | 0.23 | 0.29 | 0.93 | 1.96 | 2.40 | 2.51 | 2.56 | 2.68 | 2.78 |
| Israel | 0.56 | 0.65 | 0.94 | 1.56 | 2.39 | 3.32 | 3.65 | 3.78 | 3.99 |
| Jordan | 0.01 | 0.01 | 0.07 | 0.26 | 0.40 | 0.52 | 0.76 | 0.84 | 0.92 |
| Kuwait | 0.15 | 0.18 | 0.37 | 0.83 | 1.31 | 1.77 | 2.35 | 2.59 | 2.63 |
| Lebanon | 0.10 | 0.13 | 0.20 | 0.12 | 0.40 | 0.68 | 0.77 | 0.75 | 0.77 |
| Oman | 0.00 | 0.00 | 0.06 | 0.32 | 0.46 | 0.61 | 0.76 | 0.94 | 1.00 |
| Qatar | 0.03 | 0.04 | 0.19 | 0.39 | 0.43 | 0.66 | 1.04 | 1.09 | 1.13 |
| Saudi Arabia | 0.17 | 0.23 | 1.09 | 4.72 | 6.63 | 8.51 | 11.61 | 12.53 | 13.47 |
| Syrian Arab Republic | 0.09 | 0.11 | 0.26 | 0.71 | 0.85 | 1.25 | 1.95 | 2.08 | 2.16 |
| United Arab Emirates | 0.02 | 0.05 | 0.48 | 1.23 | 1.85 | 3.26 | 4.63 | 5.10 | 5.81 |
| Yemen | 0.02 | 0.02 | 0.04 | 0.11 | 0.14 | 0.18 | 0.28 | 0.32 | 0.35 |
| Middle East | 2.01 | 2.66 | 6.45 | 16.72 | 23.43 | 31.86 | 42.83 | 46.10 | 49.27 |
| Non-OECD Total | 99.12 | 115.50 | 177.03 | 285.80 | 314.38 | 377.44 | 522.66 | 570.22 | 619.38 |
| <i>European Union - 27</i> | .. | .. | .. | 184.91 | 193.50 | 216.68 | 237.93 | 243.00 | 244.22 |
| OECD North America | 142.64 | 165.03 | 205.19 | 271.06 | 310.31 | 356.30 | 379.43 | 379.23 | 389.54 |
| OECD Pacific | 35.07 | 42.69 | 55.45 | 86.08 | 102.96 | 121.51 | 135.78 | 137.77 | 142.12 |
| OECD Europe | 99.82 | 115.43 | 146.95 | 190.42 | 204.57 | 231.80 | 255.26 | 260.85 | 263.30 |
| OECD Total | 277.53 | 323.15 | 407.59 | 547.57 | 617.84 | 709.61 | 770.46 | 777.85 | 794.96 |
| World | 376.64 | 438.65 | 584.62 | 833.36 | 932.22 | 1 087.05 | 1 293.12 | 1 348.07 | 1 414.33 |

Total final consumption of energy (Mtoe)
Consommation finale totale d'énergie (Mtep)
Gesamter Energieendverbrauch (Mtoe)
Consumo finale totale di energia (Mtep)
 最終エネルギー総消費量 (石油換算百万トン)
Consumo final total de energia (Mtep)
 Общее конечное потребление топлива и энергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 2.04 | 2.79 | 5.88 | 12.51 | 13.26 | 15.10 | 20.62 | 21.15 | 23.01 |
| Angola | 2.90 | 3.13 | 3.42 | 4.53 | 4.95 | 5.74 | 7.19 | 7.96 | 8.71 |
| Benin | 0.97 | 1.03 | 1.18 | 1.44 | 1.59 | 1.67 | 2.22 | 2.42 | 2.51 |
| Botswana | .. | .. | .. | 0.90 | 1.09 | 1.44 | 1.49 | 1.52 | 1.56 |
| Cameroon | 2.57 | 2.69 | 3.47 | 4.75 | 5.21 | 5.94 | 6.56 | 6.12 | 6.06 |
| Congo | 0.43 | 0.46 | 0.56 | 0.63 | 0.59 | 0.62 | 0.80 | 0.86 | 0.90 |
| DR of Congo | 6.34 | 6.64 | 8.11 | 10.60 | 11.95 | 13.79 | 15.98 | 16.50 | 16.99 |
| Côte d'Ivoire | 1.69 | 1.80 | 2.48 | 2.88 | 3.27 | 4.27 | 5.07 | 5.49 | 5.36 |
| Egypt | 6.59 | 6.82 | 12.75 | 22.91 | 25.00 | 32.23 | 41.93 | 44.52 | 47.54 |
| Eritrea | .. | .. | .. | .. | 0.75 | 0.57 | 0.51 | 0.49 | 0.49 |
| Ethiopia | 8.15 | 8.59 | 10.31 | 14.14 | 15.66 | 17.96 | 20.68 | 21.29 | 22.01 |
| Gabon | 0.62 | 0.67 | 1.00 | 1.01 | 1.24 | 1.33 | 1.60 | 1.63 | 1.73 |
| Ghana | 2.58 | 2.92 | 3.42 | 4.32 | 5.19 | 6.08 | 6.74 | 7.17 | 7.29 |
| Kenya | 3.92 | 4.29 | 5.61 | 7.70 | 8.78 | 9.56 | 11.23 | 11.83 | 12.11 |
| Libyan Arab Jamahiriya | 0.78 | 1.24 | 3.99 | 5.49 | 7.83 | 9.12 | 9.52 | 9.87 | 10.10 |
| Morocco | 2.19 | 2.49 | 3.92 | 4.99 | 6.31 | 7.47 | 9.49 | 9.77 | 10.39 |
| Mozambique | 5.44 | 5.37 | 5.27 | 4.75 | 5.03 | 5.55 | 6.70 | 6.87 | 7.09 |
| Namibia | .. | .. | .. | .. | 0.88 | 1.00 | 1.37 | 1.42 | 1.48 |
| Nigeria | 34.81 | 37.39 | 49.47 | 62.91 | 70.89 | 81.18 | 94.14 | 94.38 | 95.91 |
| Senegal | 0.81 | 0.88 | 1.05 | 1.08 | 1.20 | 1.45 | 1.72 | 1.68 | 1.71 |
| South Africa | 33.21 | 37.14 | 43.36 | 50.37 | 52.41 | 55.15 | 63.05 | 63.25 | 65.01 |
| Sudan | 3.81 | 4.37 | 4.66 | 6.07 | 6.44 | 7.44 | 9.29 | 10.11 | 9.50 |
| United Rep. of Tanzania | 6.72 | 6.83 | 7.12 | 8.74 | 9.80 | 12.01 | 14.72 | 15.23 | 15.81 |
| Togo | 0.47 | 0.48 | 0.59 | 0.85 | 0.98 | 1.28 | 1.45 | 1.43 | 1.46 |
| Tunisia | 1.28 | 1.45 | 2.36 | 3.64 | 4.42 | 5.51 | 6.33 | 6.27 | 6.27 |
| Zambia | 2.87 | 3.27 | 3.61 | 4.29 | 4.62 | 4.95 | 5.60 | 5.74 | 5.89 |
| Zimbabwe | 4.95 | 5.44 | 6.12 | 7.97 | 8.05 | 8.58 | 8.32 | 8.25 | 8.21 |
| Other Africa | 25.40 | 26.55 | 31.41 | 39.30 | 44.21 | 51.93 | 62.64 | 65.06 | 67.12 |
| Africa | 161.54 | 174.75 | 221.12 | 288.78 | 321.59 | 368.90 | 436.96 | 448.30 | 462.21 |
| Argentina | 23.28 | 24.88 | 29.36 | 30.18 | 42.00 | 47.38 | 50.99 | 54.66 | 54.70 |
| Bolivia | 0.84 | 0.98 | 2.00 | 2.24 | 3.04 | 2.90 | 3.45 | 3.41 | 3.96 |
| Brazil | 62.60 | 72.89 | 96.12 | 111.93 | 129.65 | 154.64 | 173.69 | 179.64 | 189.79 |
| Chile | 6.54 | 6.52 | 7.29 | 11.43 | 15.79 | 21.36 | 23.24 | 24.56 | 24.54 |
| Colombia | 11.57 | 11.12 | 14.34 | 18.92 | 23.66 | 22.09 | 22.35 | 23.15 | 22.86 |
| Costa Rica | 1.00 | 1.11 | 1.40 | 1.81 | 1.96 | 2.34 | 2.89 | 3.18 | 3.48 |
| Cuba | 7.56 | 8.82 | 10.35 | 11.74 | 6.23 | 7.13 | 5.80 | 6.04 | 6.28 |
| Dominican Republic | 1.85 | 2.01 | 2.34 | 2.70 | 3.73 | 5.42 | 5.63 | 5.57 | 5.74 |
| Ecuador | 2.12 | 2.18 | 3.97 | 5.27 | 5.72 | 6.67 | 7.65 | 7.65 | 8.37 |
| El Salvador | 1.60 | 1.78 | 2.01 | 1.93 | 2.55 | 2.89 | 3.25 | 3.29 | 3.37 |
| Guatemala | 2.42 | 2.60 | 3.30 | 4.06 | 4.84 | 6.06 | 7.14 | 7.15 | 7.03 |
| Haiti | 1.26 | 1.33 | 1.70 | 1.23 | 1.36 | 1.71 | 2.31 | 2.37 | 2.50 |
| Honduras | 1.31 | 1.41 | 1.78 | 2.33 | 2.55 | 2.72 | 3.35 | 3.41 | 3.74 |
| Jamaica | 1.43 | 2.09 | 1.79 | 1.96 | 1.66 | 2.13 | 2.16 | 2.64 | 2.88 |
| Netherlands Antilles | 2.13 | 2.20 | 1.09 | 0.63 | 0.77 | 0.74 | 0.78 | 0.79 | 0.80 |
| Nicaragua | 1.08 | 1.20 | 1.34 | 1.60 | 1.75 | 2.18 | 2.57 | 2.69 | 2.71 |
| Panama | 0.80 | 0.90 | 1.12 | 1.20 | 1.58 | 1.91 | 2.17 | 2.41 | 2.32 |
| Paraguay | 1.29 | 1.42 | 1.97 | 2.92 | 3.74 | 3.65 | 3.65 | 3.61 | 3.69 |
| Peru | 7.89 | 8.19 | 9.16 | 8.56 | 9.54 | 10.60 | 10.97 | 11.27 | 12.06 |
| Trinidad and Tobago | 0.86 | 1.09 | 1.74 | 3.70 | 4.05 | 7.03 | 9.36 | 10.88 | 11.35 |
| Uruguay | 1.92 | 1.92 | 2.12 | 1.93 | 2.25 | 2.50 | 2.36 | 2.42 | 2.60 |
| Venezuela | 9.83 | 13.00 | 22.99 | 27.44 | 33.71 | 34.89 | 39.45 | 42.40 | 43.20 |
| Other Latin America | 2.07 | 2.74 | 2.46 | 3.52 | 3.77 | 4.46 | 5.27 | 5.31 | 5.68 |
| Latin America | 153.26 | 172.37 | 221.77 | 259.23 | 305.90 | 353.41 | 390.46 | 408.48 | 423.65 |

Starting with this edition, international aviation bunkers are no longer included in the transport sector at the country level. They are subtracted out of supply in the same way as international marine bunkers. Time series for countries' consumption may have significantly decreased compared to last year's edition.

Total final consumption of energy (Mtoe)
Consommation finale totale d'énergie (Mtep)
Gesamter Energieendverbrauch (Mtoe)
Consumo finale totale di energia (Mtep)
最終エネルギー総消費量 (石油換算百万トン)
Consumo final total de energia (Mtep)
Общее конечное потребление топлива и энергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|
| Bangladesh | 5.36 | 5.92 | 7.78 | 10.97 | 13.51 | 15.24 | 19.40 | 19.56 | 19.90 |
| Brunei Darussalam | 0.10 | 0.10 | 0.21 | 0.39 | 0.60 | 0.64 | 0.75 | 0.71 | 0.77 |
| Cambodia | .. | .. | .. | .. | 3.15 | 3.67 | 4.35 | 4.48 | 4.59 |
| Chinese Taipei | 7.38 | 9.51 | 18.57 | 30.17 | 38.72 | 48.80 | 59.55 | 60.36 | 64.74 |
| India | 142.88 | 148.82 | 178.92 | 251.16 | 285.29 | 317.98 | 355.11 | 374.69 | 392.91 |
| Indonesia | 32.08 | 34.13 | 49.68 | 78.84 | 93.99 | 118.11 | 132.76 | 135.15 | 145.11 |
| DPR of Korea | 16.42 | 17.09 | 25.28 | 27.33 | 18.77 | 17.10 | 18.54 | 18.79 | 15.88 |
| Malaysia | 4.47 | 4.45 | 7.14 | 13.88 | 22.11 | 29.27 | 37.94 | 39.85 | 43.40 |
| Mongolia | .. | .. | .. | 2.97 | 1.91 | 1.51 | 1.85 | 2.12 | 2.21 |
| Myanmar | 7.14 | 7.13 | 8.33 | 9.38 | 10.50 | 11.14 | 14.18 | 13.82 | 13.95 |
| Nepal | 3.65 | 3.86 | 4.55 | 5.76 | 6.67 | 8.04 | 9.05 | 9.27 | 9.47 |
| Pakistan | 15.65 | 16.86 | 22.56 | 36.26 | 44.54 | 51.04 | 62.50 | 64.87 | 68.92 |
| Philippines | 12.22 | 13.58 | 16.19 | 17.97 | 22.78 | 23.94 | 23.11 | 22.44 | 22.87 |
| Singapore | 1.04 | 1.38 | 2.13 | 4.99 | 5.94 | 7.47 | 12.54 | 12.86 | 13.25 |
| Sri Lanka | 3.63 | 3.90 | 4.28 | 5.30 | 5.69 | 7.41 | 8.10 | 8.21 | 8.32 |
| Thailand | 9.52 | 10.81 | 15.12 | 28.89 | 43.73 | 49.24 | 65.53 | 67.34 | 69.64 |
| Vietnam | 16.67 | 17.54 | 18.24 | 22.51 | 28.14 | 33.43 | 44.91 | 45.90 | 48.54 |
| Other Asia | 4.50 | 4.77 | 6.85 | 5.52 | 5.87 | 6.13 | 7.22 | 7.49 | 8.10 |
| Asia | 282.69 | 299.85 | 385.83 | 552.29 | 651.93 | 750.14 | 877.41 | 907.92 | 952.56 |
| People's Rep. of China | 339.86 | 366.96 | 492.51 | 662.89 | 785.73 | 766.54 | 1 085.38 | 1 167.49 | 1 248.23 |
| Hong Kong, China | 2.12 | 2.06 | 2.97 | 5.28 | 6.84 | 9.17 | 7.55 | 7.77 | 8.00 |
| China | 341.97 | 369.03 | 495.47 | 668.17 | 792.58 | 775.71 | 1 092.93 | 1 175.26 | 1 256.23 |
| Albania | 1.42 | 1.42 | 2.69 | 2.24 | 1.02 | 1.49 | 2.03 | 1.80 | 1.86 |
| Bosnia and Herzegovina | .. | .. | .. | 5.11 | 1.29 | 2.32 | 2.68 | 2.77 | 2.87 |
| Bulgaria | 14.71 | 15.78 | 19.61 | 17.48 | 11.93 | 9.53 | 10.33 | 10.76 | 10.66 |
| Croatia | .. | .. | .. | 6.47 | 5.25 | 6.00 | 7.00 | 7.10 | 7.17 |
| Cyprus | 0.44 | 0.55 | 0.61 | 0.87 | 1.26 | 1.44 | 1.59 | 1.61 | 1.67 |
| Gibraltar | 0.03 | 0.02 | 0.03 | 0.05 | 0.09 | 0.11 | 0.12 | 0.12 | 0.13 |
| FYR of Macedonia | .. | .. | .. | 1.51 | 1.48 | 1.57 | 1.70 | 1.72 | 1.79 |
| Malta | 0.13 | 0.15 | 0.16 | 0.27 | 0.38 | 0.32 | 0.39 | 0.36 | 0.36 |
| Romania | 32.61 | 35.34 | 57.89 | 43.13 | 26.89 | 23.77 | 25.98 | 26.09 | 25.69 |
| Serbia | .. | .. | .. | 12.13 | 6.19 | 7.16 | 9.28 | 9.61 | 10.04 |
| Slovenia | .. | .. | .. | 3.70 | 4.16 | 4.65 | 5.16 | 5.24 | 5.16 |
| Former Yugoslavia | 16.73 | 17.00 | 20.44 | x | x | x | x | x | x |
| Non-OECD Europe | 66.05 | 70.26 | 101.44 | 92.96 | 59.93 | 58.36 | 66.28 | 67.18 | 67.40 |
| Armenia | .. | .. | .. | 6.46 | 1.13 | 1.10 | 1.71 | 1.77 | 2.01 |
| Azerbaijan | .. | .. | .. | 20.82 | 8.80 | 6.78 | 8.14 | 7.46 | 6.77 |
| Belarus | .. | .. | .. | 32.71 | 18.42 | 17.65 | 19.20 | 20.41 | 20.24 |
| Estonia | .. | .. | .. | 5.97 | 2.71 | 2.55 | 3.00 | 2.99 | 3.19 |
| Georgia | .. | .. | .. | 8.74 | 2.24 | 2.30 | 2.39 | 2.24 | 2.42 |
| Kazakhstan | .. | .. | .. | 59.62 | 40.33 | 26.93 | 39.18 | 40.75 | 44.64 |
| Kyrgyzstan | .. | .. | .. | 6.99 | 1.84 | 1.85 | 2.23 | 2.26 | 2.29 |
| Latvia | .. | .. | .. | 6.39 | 3.83 | 3.29 | 4.06 | 4.23 | 4.38 |
| Lithuania | .. | .. | .. | 10.41 | 5.10 | 4.37 | 5.23 | 5.51 | 6.23 |
| Republic of Moldova | .. | .. | .. | 6.65 | 2.96 | 1.40 | 2.22 | 2.14 | 2.04 |
| Russian Federation | .. | .. | .. | 625.12 | 461.71 | 420.55 | 415.90 | 426.29 | 429.83 |
| Tajikistan | .. | .. | .. | 4.95 | 2.76 | 2.50 | 3.11 | 3.31 | 3.52 |
| Turkmenistan | .. | .. | .. | 12.62 | 8.94 | 9.33 | 10.01 | 9.79 | 10.73 |
| Ukraine | .. | .. | .. | 150.15 | 92.74 | 72.35 | 83.03 | 82.34 | 82.43 |
| Uzbekistan | .. | .. | .. | 34.95 | 32.73 | 37.55 | 35.44 | 36.44 | 36.52 |
| Former Soviet Union | 501.63 | 562.48 | 767.84 | 992.56 | 686.25 | 610.49 | 634.84 | 647.94 | 657.23 |

Starting with this edition, international aviation bunkers are no longer included in the transport sector at the country level. They are subtracted out of supply in the same way as international marine bunkers. Time series for countries' consumption may have significantly decreased compared to last year's edition.

Total final consumption of energy (Mtoe)
Consommation finale totale d'énergie (Mtep)
Gesamter Energieendverbrauch (Mtoe)
Consumo finale totale di energia (Mtep)
 最終エネルギー総消費量 (石油換算百万トン)
Consumo final total de energia (Mtep)
 Общее конечное потребление топлива и энергии (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bahrain | 0.29 | 0.72 | 1.27 | 2.37 | 2.40 | 2.55 | 3.37 | 4.09 | 4.10 |
| Islamic Republic of Iran | 11.71 | 15.55 | 27.59 | 53.34 | 76.93 | 92.32 | 123.34 | 135.00 | 144.70 |
| Iraq | 2.96 | 3.52 | 8.37 | 15.59 | 19.06 | 21.21 | 22.14 | 23.08 | 23.78 |
| Israel | 3.29 | 3.61 | 4.51 | 6.97 | 9.80 | 11.98 | 11.97 | 12.29 | 12.92 |
| Jordan | 0.39 | 0.47 | 1.14 | 2.31 | 2.90 | 3.50 | 4.58 | 4.62 | 4.77 |
| Kuwait | 4.35 | 5.03 | 6.84 | 4.35 | 7.22 | 7.93 | 11.47 | 10.90 | 10.50 |
| Lebanon | 1.43 | 1.70 | 1.46 | 1.43 | 3.50 | 3.61 | 3.91 | 3.19 | 2.66 |
| Oman | 0.08 | 0.09 | 0.55 | 1.91 | 2.60 | 3.10 | 4.89 | 5.64 | 8.29 |
| Qatar | 0.46 | 0.73 | 2.09 | 4.12 | 4.80 | 6.37 | 9.40 | 10.37 | 11.94 |
| Saudi Arabia | 2.26 | 3.32 | 21.89 | 38.50 | 45.93 | 58.18 | 81.66 | 88.48 | 92.71 |
| Syrian Arab Republic | 1.92 | 1.74 | 4.49 | 8.55 | 10.25 | 12.18 | 11.28 | 11.67 | 12.25 |
| United Arab Emirates | 0.96 | 1.13 | 5.49 | 15.71 | 21.18 | 24.95 | 26.43 | 27.72 | 31.01 |
| Yemen | 0.32 | 0.51 | 0.99 | 1.81 | 2.55 | 3.32 | 4.78 | 5.02 | 5.12 |
| Middle East | 30.42 | 38.12 | 86.70 | 156.96 | 209.14 | 251.21 | 319.22 | 342.06 | 364.78 |
| Non-OECD Total | 1 537.55 | 1 686.86 | 2 280.16 | 3 010.95 | 3 027.31 | 3 168.21 | 3 818.09 | 3 997.14 | 4 184.05 |
| <i>European Union - 27</i> | .. | .. | .. | 1 125.85 | 1 121.26 | 1 168.17 | 1 244.15 | 1 244.10 | 1 223.92 |
| OECD North America | 1 379.54 | 1 486.35 | 1 532.27 | 1 537.85 | 1 642.67 | 1 832.54 | 1 883.22 | 1 876.72 | 1 907.58 |
| OECD Pacific | 254.05 | 296.92 | 316.87 | 430.78 | 510.80 | 556.21 | 574.39 | 573.64 | 576.86 |
| OECD Europe | 919.61 | 1 022.43 | 1 076.52 | 1 115.24 | 1 151.76 | 1 217.46 | 1 297.77 | 1 303.54 | 1 287.05 |
| OECD Total | 2 553.19 | 2 805.69 | 2 925.66 | 3 083.87 | 3 305.22 | 3 606.20 | 3 755.38 | 3 753.90 | 3 771.48 |
| World marine bunkers | 107.98 | 119.45 | 107.89 | 112.46 | 126.56 | 146.68 | 172.71 | 182.35 | 191.64 |
| World aviation bunkers | 56.86 | 62.65 | 67.69 | 85.59 | 95.99 | 116.10 | 131.98 | 135.04 | 138.90 |
| World | 4 255.59 | 4 674.64 | 5 381.40 | 6 292.86 | 6 555.09 | 7 037.19 | 7 878.16 | 8 068.43 | 8 286.07 |

Starting with this edition, international aviation bunkers are no longer included in the transport sector at the country level. They are subtracted out of supply in the same way as international marine bunkers. Time series for countries' consumption may have significantly decreased compared to last year's edition.

Industry consumption of coal and peat (Mtoe)
Consommation industrielle de charbon et de tourbe (Mtep)
Industrieverbrauch von Kohle und Torf (Mtoe)
Consumo di carbone e torba nell'industria (Mtep)
 石炭及び泥炭の産業用消費量 (石油換算百万トン)
Consumo industrial de carbón y turba (Mtep)
 Потребление угля и торфа промышленным сектором (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 0.05 | 0.06 | 0.03 | 0.26 | 0.29 | 0.08 | 0.17 | 0.16 | 0.20 |
| Botswana | .. | .. | .. | 0.11 | 0.08 | 0.16 | 0.13 | 0.14 | 0.14 |
| DR of Congo | 0.22 | 0.18 | 0.13 | 0.14 | 0.13 | 0.12 | 0.14 | 0.15 | 0.16 |
| Egypt | 0.16 | 0.12 | 0.25 | 0.36 | 0.38 | 0.43 | 0.43 | 0.41 | 0.41 |
| Kenya | 0.01 | 0.01 | 0.01 | 0.09 | 0.06 | 0.04 | 0.05 | 0.07 | 0.07 |
| Morocco | 0.18 | 0.07 | 0.02 | 0.35 | 0.17 | 0.47 | 0.11 | 0.02 | 0.16 |
| Mozambique | 0.37 | 0.35 | 0.15 | 0.02 | 0.03 | - | - | - | 0.01 |
| Nigeria | 0.03 | 0.08 | 0.09 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| Senegal | - | - | - | - | - | - | 0.09 | 0.10 | 0.11 |
| South Africa | 9.10 | 10.80 | 14.81 | 13.49 | 12.23 | 13.49 | 10.30 | 9.05 | 9.04 |
| Sudan | - | - | 0.00 | - | - | - | - | - | - |
| United Rep. of Tanzania | - | - | 0.00 | 0.00 | 0.00 | 0.03 | 0.02 | 0.02 | 0.02 |
| Tunisia | 0.04 | 0.05 | 0.04 | 0.05 | 0.04 | 0.04 | - | - | - |
| Zambia | 0.41 | 0.47 | 0.31 | 0.18 | 0.06 | 0.06 | 0.08 | 0.08 | 0.09 |
| Zimbabwe | 0.59 | 0.68 | 0.77 | 1.03 | 0.46 | 0.58 | 0.32 | 0.31 | 0.29 |
| Other Africa | 0.02 | 0.03 | 0.09 | 0.03 | 0.03 | 0.10 | 0.07 | 0.07 | 0.07 |
| Africa | 11.20 | 12.90 | 16.72 | 16.14 | 13.97 | 15.61 | 11.92 | 10.59 | 10.77 |
| Argentina | 0.32 | 0.34 | 0.28 | 0.31 | 0.23 | 0.38 | 0.33 | 0.68 | 0.67 |
| Brazil | 0.70 | 0.77 | 2.17 | 3.72 | 4.78 | 5.21 | 6.04 | 5.92 | 6.38 |
| Chile | 0.48 | 0.46 | 0.44 | 0.67 | 0.73 | 0.79 | 0.78 | 0.96 | 0.64 |
| Colombia | 0.84 | 0.89 | 1.19 | 1.47 | 1.74 | 2.19 | 1.65 | 1.38 | 1.46 |
| Costa Rica | 0.00 | 0.00 | 0.00 | 0.00 | - | - | 0.01 | 0.02 | 0.05 |
| Cuba | 0.06 | 0.05 | 0.07 | 0.11 | 0.05 | 0.01 | 0.02 | 0.02 | 0.01 |
| Dominican Republic | - | - | - | - | - | - | - | 0.07 | 0.07 |
| El Salvador | - | - | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Guatemala | - | - | 0.01 | - | - | - | 0.12 | 0.13 | 0.14 |
| Haiti | - | - | - | 0.01 | - | - | - | - | - |
| Honduras | - | - | - | 0.00 | 0.00 | 0.08 | 0.11 | 0.12 | 0.12 |
| Jamaica | - | - | - | 0.04 | 0.04 | 0.05 | 0.04 | 0.02 | 0.02 |
| Panama | 0.00 | 0.01 | - | 0.02 | 0.03 | 0.04 | - | - | - |
| Peru | 0.08 | 0.09 | 0.09 | 0.11 | 0.29 | 0.44 | 0.60 | 0.44 | 0.69 |
| Uruguay | 0.01 | 0.01 | 0.01 | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 |
| Venezuela | 0.09 | 0.16 | 0.10 | 0.35 | 0.01 | 0.13 | 0.04 | 0.04 | 0.05 |
| Latin America | 2.58 | 2.77 | 4.35 | 6.81 | 7.90 | 9.33 | 9.74 | 9.80 | 10.31 |
| Bangladesh | 0.09 | 0.12 | 0.12 | 0.28 | 0.32 | 0.33 | 0.35 | 0.35 | 0.35 |
| Chinese Taipei | 1.96 | 1.83 | 2.11 | 3.58 | 3.90 | 4.84 | 5.67 | 6.10 | 6.78 |
| India | 11.06 | 11.03 | 14.78 | 28.71 | 27.01 | 25.15 | 30.58 | 34.50 | 36.41 |
| Indonesia | 0.06 | 0.03 | 0.13 | 0.64 | 1.52 | 5.31 | 9.52 | 14.62 | 20.90 |
| DPR of Korea | 11.00 | 11.33 | 16.23 | 18.09 | 11.59 | 10.75 | 11.86 | 12.17 | 9.92 |
| Malaysia | 0.01 | 0.01 | 0.04 | 0.42 | 0.50 | 0.62 | 1.35 | 1.34 | 1.36 |
| Mongolia | .. | .. | .. | 0.54 | 0.44 | 0.09 | 0.07 | 0.22 | 0.19 |
| Myanmar | 0.13 | 0.04 | 0.14 | 0.05 | 0.02 | 0.03 | 0.10 | 0.10 | 0.11 |
| Nepal | 0.01 | 0.05 | 0.05 | 0.04 | 0.07 | 0.26 | 0.24 | 0.25 | 0.26 |
| Pakistan | 0.48 | 0.50 | 0.70 | 1.58 | 1.64 | 1.46 | 3.56 | 4.00 | 5.23 |
| Philippines | 0.00 | 0.00 | 0.21 | 0.70 | 0.99 | 0.95 | 1.32 | 1.48 | 1.59 |
| Sri Lanka | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.05 | 0.05 |
| Thailand | 0.02 | 0.02 | 0.09 | 1.31 | 3.63 | 3.61 | 6.76 | 7.49 | 6.99 |
| Vietnam | 0.00 | 0.00 | 0.93 | 1.02 | 1.94 | 2.34 | 4.78 | 4.18 | 4.89 |
| Other Asia | 0.78 | 0.76 | 1.85 | 0.19 | 0.14 | 0.31 | 0.35 | 0.37 | 0.41 |
| Asia | 25.61 | 25.72 | 37.39 | 57.16 | 53.74 | 56.04 | 76.59 | 87.22 | 95.44 |
| People's Rep. of China | 83.81 | 89.66 | 136.21 | 196.28 | 259.33 | 190.95 | 301.29 | 322.68 | 343.64 |
| Hong Kong, China | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | - | 0.53 | 0.95 | 1.01 |
| China | 83.83 | 89.67 | 136.21 | 196.28 | 259.33 | 190.95 | 301.82 | 323.63 | 344.65 |

Includes non-energy use for industry/transformation/energy sectors.

Industry consumption of coal and peat (Mtoe)
Consommation industrielle de charbon et de tourbe (Mtep)
Industrieverbrauch von Kohle und Torf (Mtoe)
Consumo di carbone e torba nell'industria (Mtep)
 石炭及び泥炭の産業用消費量 (石油換算百万トン)
Consumo industrial de carbón y turba (Mtep)
 Потребление угля и торфа промышленным сектором (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Albania | 0.17 | 0.20 | 0.34 | 0.17 | - | 0.01 | 0.01 | 0.01 | 0.01 |
| Bosnia and Herzegovina | .. | .. | .. | 0.86 | 0.07 | 0.30 | 0.15 | 0.16 | 0.17 |
| Bulgaria | 2.44 | 2.43 | 2.55 | 0.87 | 0.63 | 0.48 | 0.51 | 0.51 | 0.58 |
| Croatia | .. | .. | .. | 0.39 | 0.10 | 0.06 | 0.14 | 0.12 | 0.15 |
| Cyprus | - | - | - | 0.06 | 0.06 | 0.03 | 0.04 | 0.04 | 0.03 |
| FYR of Macedonia | .. | .. | .. | 0.11 | 0.11 | 0.10 | 0.11 | 0.12 | 0.15 |
| Romania | 1.57 | 1.74 | 3.43 | 2.20 | 1.35 | 0.73 | 1.11 | 1.12 | 1.00 |
| Serbia | .. | .. | .. | 0.39 | 0.22 | 0.70 | 0.44 | 0.56 | 0.65 |
| Slovenia | .. | .. | .. | 0.13 | 0.07 | 0.09 | 0.11 | 0.10 | 0.10 |
| Former Yugoslavia | 3.28 | 3.05 | 1.58 | x | x | x | x | x | x |
| Non-OECD Europe | 7.46 | 7.41 | 7.90 | 5.17 | 2.62 | 2.50 | 2.61 | 2.74 | 2.85 |
| Belarus | .. | .. | .. | 0.09 | 0.02 | 0.06 | 0.07 | 0.07 | 0.07 |
| Estonia | .. | .. | .. | 0.35 | 0.15 | 0.10 | 0.11 | 0.09 | 0.16 |
| Georgia | .. | .. | .. | 0.35 | 0.01 | - | 0.00 | 0.00 | 0.00 |
| Kazakhstan | .. | .. | .. | 15.78 | 11.68 | 5.71 | 7.31 | 6.24 | 7.06 |
| Kyrgyzstan | .. | .. | .. | 2.08 | 0.13 | 0.22 | 0.40 | 0.37 | 0.40 |
| Latvia | .. | .. | .. | 0.03 | 0.01 | 0.01 | 0.03 | 0.04 | 0.05 |
| Lithuania | .. | .. | .. | 0.05 | 0.02 | 0.01 | 0.09 | 0.13 | 0.14 |
| Republic of Moldova | .. | .. | .. | 0.20 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| Russian Federation | .. | .. | .. | 15.74 | 16.47 | 11.20 | 11.81 | 10.88 | 13.15 |
| Ukraine | .. | .. | .. | 17.98 | 7.89 | 7.30 | 9.66 | 10.07 | 11.16 |
| Uzbekistan | .. | .. | .. | - | 0.08 | 0.05 | 0.05 | 0.05 | 0.05 |
| Former Soviet Union | 37.89 | 42.09 | 66.61 | 52.65 | 36.49 | 24.68 | 29.53 | 27.94 | 32.24 |
| Islamic Republic of Iran | 0.11 | 0.29 | 0.52 | 0.32 | 0.46 | 0.59 | 0.60 | 0.50 | 0.57 |
| Israel | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | - | - | - |
| Lebanon | 0.00 | 0.01 | 0.00 | - | 0.12 | 0.13 | 0.13 | 0.13 | 0.13 |
| Syrian Arab Republic | 0.00 | 0.00 | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Middle East | 0.12 | 0.30 | 0.52 | 0.33 | 0.59 | 0.74 | 0.73 | 0.64 | 0.70 |
| Non-OECD Total | 168.70 | 180.88 | 269.70 | 334.54 | 374.62 | 299.85 | 432.95 | 462.56 | 496.96 |
| <i>European Union - 27</i> | .. | .. | .. | 69.46 | 50.03 | 38.55 | 33.20 | 33.02 | 32.02 |
| OECD North America | 66.65 | 66.22 | 54.08 | 49.43 | 31.41 | 33.93 | 33.26 | 34.85 | 33.99 |
| OECD Pacific | 21.92 | 23.93 | 26.70 | 39.27 | 38.55 | 37.98 | 39.54 | 41.07 | 41.45 |
| OECD Europe | 96.05 | 92.23 | 80.07 | 71.44 | 52.86 | 47.09 | 40.38 | 41.95 | 42.04 |
| OECD Total | 184.62 | 182.38 | 160.84 | 160.14 | 122.83 | 119.00 | 113.18 | 117.87 | 117.48 |
| World | 353.31 | 363.25 | 430.54 | 494.68 | 497.45 | 418.85 | 546.13 | 580.43 | 614.45 |

Includes non-energy use for industry/transformation/energy sectors.

Industry consumption of oil (Mtoe)
Consommation industrielle de pétrole (Mtep)

Ölverbrauch der Industrie (Mtoe)

Consumo di petrolio nell'industria (Mtep)

石油の産業用消費量 (石油換算百万トン)

Consumo industrial de petróleo (Mtep)

Потребление нефти и нефтепродуктов промышленным сектором (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Algeria | 0.23 | 0.48 | 0.95 | 1.23 | 1.16 | 1.24 | 1.59 | 1.68 | 1.98 |
| Angola | 0.09 | 0.10 | 0.10 | 0.29 | 0.27 | 0.38 | 0.56 | 0.43 | 0.55 |
| Benin | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.05 | 0.04 | 0.05 | 0.05 |
| Botswana | .. | .. | .. | 0.03 | 0.04 | 0.09 | 0.11 | 0.11 | 0.11 |
| Cameroon | 0.03 | 0.02 | 0.05 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 |
| Congo | 0.05 | 0.05 | 0.02 | 0.03 | 0.02 | 0.02 | 0.01 | 0.02 | 0.01 |
| DR of Congo | 0.00 | 0.00 | 0.00 | 0.10 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| Côte d'Ivoire | 0.24 | 0.26 | 0.26 | 0.19 | 0.17 | 0.28 | 0.15 | 0.20 | 0.17 |
| Egypt | 2.46 | 2.40 | 4.33 | 7.48 | 6.86 | 6.83 | 8.56 | 8.05 | 7.91 |
| Eritrea | .. | .. | .. | .. | 0.02 | 0.02 | 0.03 | 0.01 | 0.01 |
| Ethiopia | 0.11 | 0.12 | 0.11 | 0.21 | 0.22 | 0.29 | 0.41 | 0.45 | 0.50 |
| Gabon | 0.12 | 0.13 | 0.26 | 0.05 | 0.17 | 0.16 | 0.28 | 0.27 | 0.31 |
| Ghana | 0.15 | 0.16 | 0.16 | 0.17 | 0.20 | 0.27 | 0.36 | 0.43 | 0.38 |
| Kenya | 0.22 | 0.22 | 0.35 | 0.38 | 0.42 | 0.29 | 0.42 | 0.48 | 0.45 |
| Libyan Arab Jamahiriya | 0.02 | 0.13 | 0.75 | 1.04 | 1.43 | 1.51 | 1.63 | 1.53 | 1.57 |
| Morocco | 0.71 | 0.91 | 1.57 | 1.28 | 1.35 | 0.97 | 1.87 | 1.86 | 1.81 |
| Mozambique | 0.03 | 0.04 | 0.00 | 0.02 | 0.02 | 0.03 | 0.08 | 0.09 | 0.10 |
| Namibia | .. | .. | .. | .. | 0.01 | 0.06 | 0.08 | 0.08 | 0.09 |
| Nigeria | 0.29 | 0.64 | 1.37 | 1.02 | 0.93 | 0.68 | 0.54 | 0.44 | 0.28 |
| Senegal | 0.11 | 0.13 | 0.18 | 0.09 | 0.13 | 0.16 | 0.13 | 0.06 | 0.06 |
| South Africa | 2.04 | 2.36 | 3.00 | 3.60 | 1.91 | 2.11 | 2.68 | 2.15 | 2.17 |
| Sudan | 0.21 | 0.54 | 0.34 | 0.32 | 0.26 | 0.31 | 0.27 | 0.41 | 0.35 |
| United Rep. of Tanzania | 0.12 | 0.14 | 0.12 | 0.12 | 0.13 | 0.12 | 0.13 | 0.14 | 0.15 |
| Togo | - | - | - | 0.01 | 0.02 | 0.09 | 0.04 | 0.03 | 0.02 |
| Tunisia | 0.26 | 0.30 | 0.59 | 0.78 | 0.69 | 0.89 | 0.87 | 0.66 | 0.56 |
| Zambia | 0.19 | 0.30 | 0.23 | 0.21 | 0.20 | 0.16 | 0.20 | 0.21 | 0.22 |
| Zimbabwe | 0.09 | 0.11 | 0.10 | 0.12 | 0.13 | 0.12 | 0.09 | 0.08 | 0.08 |
| Other Africa | 0.12 | 0.16 | 0.41 | 0.62 | 0.69 | 0.76 | 0.78 | 0.85 | 0.89 |
| Africa | 7.91 | 9.71 | 15.25 | 19.50 | 17.62 | 18.02 | 22.03 | 20.91 | 20.93 |
| Argentina | 5.11 | 4.42 | 4.34 | 2.78 | 5.65 | 6.86 | 7.45 | 7.90 | 8.07 |
| Bolivia | 0.13 | 0.15 | 0.16 | 0.09 | 0.09 | 0.03 | 0.05 | 0.06 | 0.08 |
| Brazil | 7.80 | 10.92 | 19.00 | 16.82 | 19.59 | 26.44 | 23.11 | 23.81 | 25.24 |
| Chile | 1.18 | 1.21 | 1.26 | 1.51 | 2.33 | 2.13 | 2.24 | 2.61 | 3.31 |
| Colombia | 1.55 | 1.46 | 1.33 | 1.54 | 3.62 | 3.29 | 2.80 | 2.77 | 2.11 |
| Costa Rica | 0.11 | 0.13 | 0.19 | 0.22 | 0.23 | 0.32 | 0.26 | 0.32 | 0.33 |
| Cuba | 1.87 | 2.34 | 2.81 | 1.68 | 0.96 | 1.01 | 1.12 | 1.49 | 1.68 |
| Dominican Republic | 0.21 | 0.28 | 0.38 | 0.25 | 0.32 | 0.48 | 0.51 | 0.35 | 0.36 |
| Ecuador | 0.18 | 0.17 | 0.79 | 0.97 | 1.05 | 1.38 | 1.69 | 1.43 | 1.58 |
| El Salvador | 0.11 | 0.15 | 0.17 | 0.18 | 0.28 | 0.36 | 0.39 | 0.38 | 0.38 |
| Guatemala | 0.27 | 0.22 | 0.24 | 0.24 | 0.42 | 0.43 | 0.53 | 0.59 | 0.48 |
| Haiti | 0.05 | 0.05 | 0.07 | 0.06 | 0.05 | 0.09 | 0.13 | 0.13 | 0.17 |
| Honduras | 0.09 | 0.11 | 0.17 | 0.24 | 0.24 | 0.23 | 0.18 | 0.31 | 0.45 |
| Jamaica | 0.64 | 1.19 | 1.24 | 0.17 | 0.15 | 0.15 | 0.12 | 0.12 | 0.11 |
| Netherlands Antilles | 1.45 | 1.59 | 0.39 | 0.20 | 0.24 | 0.21 | 0.22 | 0.23 | 0.23 |
| Nicaragua | 0.06 | 0.08 | 0.08 | 0.12 | 0.10 | 0.15 | 0.22 | 0.18 | 0.21 |
| Panama | 0.10 | 0.13 | 0.19 | 0.14 | 0.24 | 0.27 | 0.31 | 0.35 | 0.34 |
| Paraguay | 0.03 | 0.04 | 0.04 | 0.06 | 0.09 | 0.09 | 0.08 | 0.06 | 0.03 |
| Peru | 1.21 | 1.35 | 1.75 | 1.17 | 1.48 | 1.86 | 1.81 | 1.74 | 1.65 |
| Trinidad and Tobago | 0.06 | 0.06 | 0.19 | 0.10 | 0.10 | 0.08 | 0.06 | 0.12 | 0.14 |
| Uruguay | 0.46 | 0.45 | 0.48 | 0.23 | 0.21 | 0.27 | 0.20 | 0.18 | 0.23 |
| Venezuela | 1.58 | 1.77 | 2.53 | 3.21 | 5.11 | 5.19 | 5.23 | 6.84 | 7.50 |
| Other Latin America | 0.02 | 0.02 | 0.05 | 0.18 | 0.21 | 0.34 | 0.39 | 0.39 | 0.40 |
| Latin America | 24.27 | 28.31 | 37.85 | 32.17 | 42.74 | 51.69 | 49.12 | 52.37 | 55.06 |

Includes non-energy use for industry/transformation/energy sectors.

Industry consumption of oil (Mtoe)
Consommation industrielle de pétrole (Mtep)

Ölverbrauch der Industrie (Mtoe)

Consumo di petrolio nell'industria (Mtep)

石油の産業用消費量 (石油換算百万トン)

Consumo industrial de petróleo (Mtep)

Потребление нефти и нефтепродуктов промышленным сектором (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|--------------|--------------|---------------|--------------|--------------|--------------|---------------|---------------|---------------|
| Bangladesh | 0.19 | 0.27 | 0.41 | 0.27 | 0.70 | 0.70 | 0.73 | 0.73 | 0.71 |
| Brunei Darussalam | 0.03 | 0.03 | 0.06 | 0.09 | 0.16 | 0.14 | 0.15 | 0.08 | 0.08 |
| Cambodia | .. | .. | .. | .. | 0.00 | 0.03 | 0.04 | 0.05 | 0.05 |
| Chinese Taipei | 1.52 | 2.38 | 6.88 | 9.38 | 11.15 | 14.11 | 18.98 | 19.12 | 22.81 |
| India | 6.82 | 8.26 | 9.16 | 16.10 | 21.83 | 42.33 | 43.29 | 46.97 | 50.90 |
| Indonesia | 1.55 | 1.81 | 5.37 | 8.81 | 10.04 | 12.17 | 13.77 | 11.15 | 11.75 |
| DPR of Korea | 0.09 | 0.09 | 0.36 | 0.37 | 0.18 | 0.07 | 0.08 | 0.06 | 0.07 |
| Malaysia | 1.94 | 1.53 | 2.73 | 3.76 | 6.78 | 6.02 | 6.09 | 5.83 | 6.81 |
| Mongolia | .. | .. | .. | 0.22 | 0.06 | 0.09 | 0.15 | 0.17 | 0.22 |
| Myanmar | 0.37 | 0.27 | 0.43 | 0.14 | 0.14 | 0.20 | 0.20 | 0.17 | 0.18 |
| Nepal | - | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 |
| Pakistan | 0.29 | 0.37 | 0.43 | 1.47 | 2.18 | 2.27 | 2.29 | 2.18 | 1.50 |
| Philippines | 1.77 | 2.27 | 2.30 | 1.85 | 2.52 | 2.45 | 1.80 | 1.69 | 1.35 |
| Singapore | 0.23 | 0.44 | 0.58 | 2.43 | 2.42 | 3.04 | 7.47 | 7.54 | 7.65 |
| Sri Lanka | 0.10 | 0.21 | 0.19 | 0.15 | 0.19 | 0.32 | 0.35 | 0.39 | 0.36 |
| Thailand | 1.60 | 1.83 | 2.19 | 3.07 | 5.79 | 8.39 | 11.68 | 12.30 | 13.20 |
| Vietnam | 0.02 | 0.01 | 0.50 | 0.48 | 0.99 | 1.65 | 2.80 | 2.62 | 2.93 |
| Other Asia | 0.06 | 0.08 | 0.18 | 0.19 | 0.29 | 0.57 | 0.76 | 0.74 | 0.84 |
| Asia | 16.58 | 19.85 | 31.79 | 48.80 | 65.45 | 94.59 | 110.66 | 111.85 | 121.46 |
| People's Rep. of China | 19.91 | 22.76 | 31.40 | 39.01 | 50.03 | 67.73 | 101.56 | 109.96 | 113.96 |
| Hong Kong, China | 0.85 | 0.76 | 0.77 | 1.10 | 1.08 | 1.50 | 0.78 | 0.81 | 0.94 |
| China | 20.76 | 23.52 | 32.17 | 40.11 | 51.11 | 69.24 | 102.35 | 110.76 | 114.91 |
| Albania | 0.23 | 0.06 | 0.66 | 0.56 | 0.19 | 0.16 | 0.29 | 0.34 | 0.33 |
| Bosnia and Herzegovina | .. | .. | .. | 0.75 | 0.04 | 0.06 | 0.09 | 0.09 | 0.10 |
| Bulgaria | 0.27 | 0.35 | 0.66 | 1.84 | 1.21 | 1.50 | 1.33 | 1.38 | 1.40 |
| Croatia | .. | .. | .. | 0.94 | 0.71 | 0.66 | 0.80 | 0.84 | 0.82 |
| Cyprus | 0.14 | 0.19 | 0.27 | 0.20 | 0.40 | 0.45 | 0.30 | 0.31 | 0.31 |
| Gibraltar | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 |
| FYR of Macedonia | .. | .. | .. | 0.41 | 0.17 | 0.19 | 0.19 | 0.20 | 0.21 |
| Malta | - | - | 0.00 | 0.01 | - | - | - | - | - |
| Romania | 2.03 | 2.16 | 3.72 | 2.96 | 2.33 | 2.36 | 2.34 | 2.79 | 2.98 |
| Serbia | .. | .. | .. | 2.47 | 0.36 | 0.31 | 1.13 | 1.19 | 1.11 |
| Slovenia | .. | .. | .. | 0.23 | 0.21 | 0.39 | 0.35 | 0.39 | 0.31 |
| Former Yugoslavia | 2.88 | 3.76 | 5.24 | x | x | x | x | x | x |
| Non-OECD Europe | 5.56 | 6.53 | 10.56 | 10.40 | 5.63 | 6.11 | 6.84 | 7.57 | 7.58 |
| Armenia | .. | .. | .. | 0.74 | 0.09 | 0.02 | 0.01 | 0.01 | 0.05 |
| Azerbaijan | .. | .. | .. | 0.77 | 0.46 | 0.74 | 0.65 | 0.33 | 0.50 |
| Belarus | .. | .. | .. | 7.22 | 2.00 | 1.70 | 2.20 | 2.58 | 2.68 |
| Estonia | .. | .. | .. | 0.76 | 0.27 | 0.13 | 0.13 | 0.13 | 0.12 |
| Georgia | .. | .. | .. | 0.92 | 0.10 | 0.07 | 0.09 | 0.09 | 0.13 |
| Kazakhstan | .. | .. | .. | 7.37 | 3.93 | 2.22 | 3.36 | 3.69 | 3.23 |
| Kyrgyzstan | .. | .. | .. | - | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 |
| Latvia | .. | .. | .. | 0.48 | 0.27 | 0.21 | 0.16 | 0.18 | 0.18 |
| Lithuania | .. | .. | .. | 1.41 | 0.40 | 0.26 | 0.28 | 0.27 | 0.25 |
| Republic of Moldova | .. | .. | .. | 0.00 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 |
| Russian Federation | .. | .. | .. | 43.62 | 28.51 | 35.64 | 32.44 | 33.04 | 35.52 |
| Ukraine | .. | .. | .. | 15.44 | 7.33 | 2.42 | 3.43 | 3.29 | 3.63 |
| Uzbekistan | .. | .. | .. | 1.92 | 0.58 | 0.94 | 0.75 | 0.70 | 0.68 |
| Former Soviet Union | 76.70 | 89.45 | 119.16 | 80.65 | 43.99 | 44.38 | 43.54 | 44.34 | 47.00 |

Includes non-energy use for industry/transformation/energy sectors.

Industry consumption of oil (Mtoe)
Consommation industrielle de pétrole (Mtep)

Ölverbrauch der Industrie (Mtoe)

Consumo di petrolio nell'industria (Mtep)

石油の産業用消費量 (石油換算百万トン)

Consumo industrial de petróleo (Mtep)

Потребление нефти и нефтепродуктов промышленным сектором (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bahrain | - | - | 0.02 | 0.02 | 0.01 | 0.01 | 0.04 | 0.04 | 0.05 |
| Islamic Republic of Iran | 2.79 | 3.45 | 6.76 | 10.47 | 9.35 | 11.43 | 13.80 | 15.25 | 15.87 |
| Iraq | 0.40 | 0.51 | 1.65 | 3.98 | 4.85 | 5.72 | 6.13 | 6.26 | 6.33 |
| Israel | 1.01 | 1.12 | 1.44 | 1.68 | 2.05 | 2.25 | 1.68 | 1.41 | 1.51 |
| Jordan | 0.08 | 0.09 | 0.26 | 0.53 | 0.67 | 0.79 | 1.05 | 1.06 | 1.05 |
| Kuwait | 0.05 | 0.03 | 0.63 | 0.44 | 1.50 | 1.19 | 2.37 | 1.57 | 1.71 |
| Lebanon | 0.45 | 0.47 | - | 0.10 | 0.81 | 0.69 | 0.85 | 0.30 | 0.19 |
| Oman | 0.01 | 0.01 | 0.06 | 0.52 | 0.98 | 0.94 | 1.40 | 1.51 | 1.66 |
| Qatar | - | - | 0.17 | 0.79 | 0.89 | 1.18 | 2.20 | 2.36 | 3.02 |
| Saudi Arabia | 0.78 | 1.38 | 13.10 | 11.45 | 16.45 | 21.73 | 31.10 | 31.69 | 31.85 |
| Syrian Arab Republic | 0.72 | 0.43 | 1.82 | 2.10 | 2.97 | 2.60 | 2.16 | 2.27 | 2.71 |
| United Arab Emirates | - | - | 0.72 | 1.90 | 2.00 | 1.34 | 1.07 | 1.08 | 1.10 |
| Yemen | - | - | - | 0.07 | 0.22 | 0.42 | 0.73 | 0.78 | 0.86 |
| Middle East | 6.28 | 7.50 | 26.62 | 34.05 | 42.75 | 50.28 | 64.58 | 65.57 | 67.93 |
| Non-OECD Total | 158.06 | 184.87 | 273.41 | 265.67 | 269.30 | 334.30 | 399.12 | 413.38 | 434.86 |
| <i>European Union - 27</i> | .. | .. | .. | 134.83 | 138.24 | 138.83 | 140.94 | 139.33 | 139.77 |
| OECD North America | 157.00 | 183.30 | 216.77 | 177.51 | 179.95 | 191.18 | 218.33 | 216.74 | 208.89 |
| OECD Pacific | 95.71 | 110.52 | 85.83 | 94.14 | 111.72 | 118.67 | 116.85 | 118.22 | 119.22 |
| OECD Europe | 201.06 | 221.12 | 185.50 | 137.15 | 144.37 | 145.54 | 147.97 | 146.45 | 145.21 |
| OECD Total | 453.76 | 514.93 | 488.09 | 408.80 | 436.04 | 455.39 | 483.15 | 481.41 | 473.32 |
| World | 611.82 | 699.80 | 761.50 | 674.47 | 705.34 | 789.68 | 882.27 | 894.80 | 908.19 |

Includes non-energy use for industry/transformation/energy sectors.

Industry consumption of gas (Mtoe)
Consommation industrielle de gaz (Mtep)

Gasverbrauch der Industrie (Mtoe)

Consumo di gas nell'industria (Mtep)

ガスの産業用消費量（石油換算百万トン）

Consumo industrial de gas natural (Mtep)

Потребление газа промышленным сектором (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Algeria | 0.16 | 0.19 | 0.45 | 2.02 | 2.16 | 2.60 | 3.14 | 3.20 | 3.37 |
| Angola | 0.04 | 0.05 | 0.06 | 0.44 | 0.46 | 0.47 | 0.61 | 0.65 | 0.57 |
| Egypt | 0.00 | 0.00 | 0.75 | 2.35 | 2.28 | 4.66 | 7.18 | 8.70 | 9.29 |
| Gabon | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Libyan Arab Jamahiriya | 0.28 | 0.26 | 1.01 | 1.29 | 1.74 | 2.15 | 2.06 | 2.25 | 2.26 |
| Morocco | 0.04 | 0.06 | 0.06 | 0.04 | 0.01 | 0.04 | 0.03 | 0.05 | 0.05 |
| Mozambique | - | - | - | - | - | - | 0.02 | 0.03 | 0.03 |
| Nigeria | 0.03 | 0.03 | 0.04 | 0.72 | 0.74 | 1.01 | 1.40 | 1.51 | 1.78 |
| South Africa | 0.13 | 0.22 | 0.46 | 0.48 | 0.54 | 0.82 | 1.86 | 2.25 | 2.31 |
| United Rep. of Tanzania | - | - | - | - | - | - | 0.05 | 0.07 | 0.07 |
| Tunisia | 0.00 | 0.01 | 0.08 | 0.26 | 0.36 | 0.45 | 0.52 | 0.63 | 0.72 |
| Other Africa | - | - | - | - | - | 0.00 | 0.00 | 0.66 | 0.74 |
| Africa | 0.68 | 0.81 | 2.91 | 7.60 | 8.29 | 12.20 | 16.87 | 20.01 | 21.20 |
| Argentina | 1.71 | 2.31 | 3.02 | 4.30 | 5.98 | 6.59 | 7.78 | 8.61 | 8.46 |
| Bolivia | - | 0.00 | 0.04 | 0.17 | 0.30 | 0.32 | 0.40 | 0.40 | 0.45 |
| Brazil | 0.04 | 0.09 | 0.74 | 2.22 | 2.76 | 4.31 | 7.54 | 8.12 | 8.39 |
| Chile | 0.00 | 0.00 | 0.01 | 0.74 | 0.72 | 2.98 | 3.04 | 3.26 | 1.76 |
| Colombia | 0.11 | 0.21 | 0.54 | 0.79 | 0.91 | 0.98 | 1.70 | 1.61 | 1.61 |
| Cuba | 0.01 | 0.02 | 0.02 | 0.04 | 0.02 | 0.48 | 0.62 | 0.92 | 1.02 |
| Peru | - | 0.00 | 0.04 | 0.03 | - | - | 0.13 | 0.28 | 0.41 |
| Trinidad and Tobago | 0.46 | 0.52 | 0.86 | 2.82 | 3.13 | 5.92 | 8.00 | 9.39 | 9.76 |
| Uruguay | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.06 | 0.06 | 0.05 |
| Venezuela | 1.71 | 3.41 | 6.90 | 7.73 | 9.76 | 9.58 | 10.57 | 10.69 | 10.75 |
| Other Latin America | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Latin America | 4.02 | 6.57 | 12.16 | 18.84 | 23.58 | 31.18 | 39.83 | 43.33 | 42.65 |
| Bangladesh | 0.19 | 0.33 | 0.56 | 1.56 | 2.35 | 2.78 | 3.57 | 3.61 | 3.67 |
| Chinese Taipei | 0.62 | 0.87 | 1.09 | 0.34 | 0.80 | 0.74 | 0.77 | 0.81 | 0.84 |
| India | 0.27 | 0.27 | 0.63 | 5.52 | 8.16 | 9.21 | 13.53 | 14.81 | 15.77 |
| Indonesia | 0.10 | 0.12 | 2.36 | 6.64 | 6.64 | 10.98 | 12.66 | 11.94 | 14.61 |
| Malaysia | - | - | 0.00 | 1.06 | 1.64 | 3.84 | 6.86 | 9.17 | 10.19 |
| Myanmar | 0.02 | 0.03 | 0.08 | 0.22 | 0.28 | 0.32 | 0.97 | 0.86 | 0.86 |
| Pakistan | 1.41 | 1.69 | 2.58 | 4.25 | 5.37 | 6.49 | 9.88 | 10.36 | 10.81 |
| Philippines | - | - | - | - | - | - | 0.01 | 0.05 | 0.08 |
| Singapore | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 | 0.07 | 0.06 | 0.06 | 0.06 |
| Thailand | - | - | - | 0.24 | 0.72 | 1.26 | 1.81 | 1.97 | 2.18 |
| Vietnam | - | - | - | - | 0.02 | 0.02 | 0.10 | 0.33 | 0.54 |
| Asia | 2.61 | 3.31 | 7.33 | 19.87 | 26.02 | 35.70 | 50.22 | 53.97 | 59.62 |
| People's Rep. of China | 1.35 | 2.16 | 6.28 | 7.81 | 8.31 | 9.64 | 19.70 | 23.41 | 27.25 |
| Hong Kong, China | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| China | 1.35 | 2.16 | 6.28 | 7.82 | 8.33 | 9.66 | 19.72 | 23.43 | 27.27 |
| Albania | - | - | - | 0.16 | 0.02 | 0.00 | - | - | - |
| Bosnia and Herzegovina | .. | .. | .. | 0.31 | 0.10 | 0.12 | 0.19 | 0.21 | 0.22 |
| Bulgaria | - | - | - | 2.58 | 2.08 | 1.52 | 1.36 | 1.34 | 1.38 |
| Croatia | .. | .. | .. | 1.00 | 0.92 | 0.95 | 0.92 | 0.90 | 0.97 |
| FYR of Macedonia | .. | .. | .. | - | - | 0.01 | 0.03 | 0.03 | 0.03 |
| Romania | 13.01 | 11.45 | 27.25 | 16.76 | 7.89 | 4.78 | 5.11 | 4.24 | 4.18 |
| Serbia | .. | .. | .. | 0.78 | 0.66 | 0.86 | 1.03 | 1.18 | 0.96 |
| Slovenia | .. | .. | .. | 0.57 | 0.50 | 0.61 | 0.67 | 0.66 | 0.68 |
| Former Yugoslavia | 0.70 | 0.86 | 1.80 | x | x | x | x | x | x |
| Non-OECD Europe | 13.72 | 12.31 | 29.06 | 22.16 | 12.16 | 8.85 | 9.31 | 8.57 | 8.42 |

Includes non-energy use for industry/transformation/energy sectors.

Industry consumption of gas (Mtoe)
Consommation industrielle de gaz (Mtep)

Gasverbrauch der Industrie (Mtoe)

Consumo di gas nell'industria (Mtep)

ガスの産業用消費量（石油換算百万トン）

Consumo industrial de gas natural (Mtep)

Потребление газа промышленным сектором (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Armenia | .. | .. | .. | 0.97 | 0.13 | 0.31 | 0.58 | 0.61 | 0.73 |
| Azerbaijan | .. | .. | .. | - | 2.41 | 0.97 | 0.73 | 0.71 | 0.47 |
| Belarus | .. | .. | .. | 2.52 | 1.70 | 2.12 | 2.65 | 2.79 | 2.87 |
| Estonia | .. | .. | .. | 0.37 | 0.32 | 0.22 | 0.28 | 0.29 | 0.30 |
| Georgia | .. | .. | .. | 1.31 | 0.25 | 0.20 | 0.20 | 0.32 | 0.23 |
| Kazakhstan | .. | .. | .. | - | - | 0.41 | 0.83 | 0.89 | 0.79 |
| Latvia | .. | .. | .. | 0.44 | 0.21 | 0.21 | 0.29 | 0.29 | 0.28 |
| Lithuania | .. | .. | .. | 1.53 | 0.70 | 0.75 | 0.87 | 0.91 | 1.41 |
| Republic of Moldova | .. | .. | .. | 0.53 | 0.36 | 0.18 | 0.27 | 0.23 | 0.24 |
| Russian Federation | .. | .. | .. | 51.60 | 39.74 | 42.75 | 51.53 | 53.28 | 50.93 |
| Ukraine | .. | .. | .. | 23.29 | 12.78 | 11.95 | 16.51 | 15.45 | 16.01 |
| Uzbekistan | .. | .. | .. | - | 8.09 | 7.94 | 7.60 | 7.94 | 8.00 |
| Former Soviet Union | 77.20 | 88.80 | 128.28 | 82.56 | 66.67 | 68.00 | 82.34 | 83.72 | 82.27 |
| Bahrain | 0.18 | 0.59 | 0.87 | 1.71 | 1.55 | 1.48 | 1.73 | 2.34 | 2.12 |
| Islamic Republic of Iran | 1.50 | 1.91 | 0.94 | 6.74 | 12.32 | 10.77 | 15.85 | 17.90 | 23.51 |
| Iraq | 0.76 | 0.99 | 1.05 | 1.62 | 2.59 | 2.57 | 1.18 | 1.18 | 1.19 |
| Israel | 0.09 | 0.05 | 0.13 | 0.03 | 0.02 | 0.00 | - | - | - |
| Kuwait | 1.93 | 2.25 | 2.17 | 1.75 | 2.46 | 2.83 | 3.82 | 3.39 | 2.71 |
| Oman | - | - | - | 0.25 | 0.08 | 0.19 | 1.08 | 1.35 | 3.48 |
| Qatar | 0.35 | 0.58 | 1.30 | 2.40 | 2.78 | 3.68 | 4.52 | 4.97 | 5.75 |
| Saudi Arabia | - | - | 0.25 | 4.93 | 3.73 | 6.45 | 12.46 | 15.53 | 15.58 |
| Syrian Arab Republic | - | - | - | - | 0.82 | 2.30 | 1.58 | 1.48 | 1.82 |
| United Arab Emirates | 0.81 | 0.82 | 2.00 | 8.73 | 12.62 | 14.93 | 12.33 | 12.74 | 14.81 |
| Middle East | 5.62 | 7.18 | 8.70 | 28.17 | 38.96 | 45.20 | 54.56 | 60.87 | 70.98 |
| Non-OECD Total | 105.20 | 121.14 | 194.73 | 187.02 | 184.02 | 210.78 | 272.84 | 293.90 | 312.41 |
| <i>European Union - 27</i> | .. | .. | .. | 112.70 | 105.74 | 116.37 | 112.05 | 105.60 | 107.95 |
| OECD North America | 181.97 | 196.04 | 182.43 | 157.35 | 162.54 | 192.43 | 155.49 | 158.35 | 165.26 |
| OECD Pacific | 3.14 | 3.87 | 6.85 | 11.25 | 14.53 | 18.30 | 21.29 | 22.17 | 23.58 |
| OECD Europe | 42.89 | 59.34 | 80.42 | 91.71 | 96.56 | 111.39 | 108.20 | 102.94 | 105.18 |
| OECD Total | 228.00 | 259.25 | 269.69 | 260.32 | 273.63 | 322.13 | 284.98 | 283.46 | 294.02 |
| World | 333.20 | 380.39 | 464.43 | 447.33 | 457.65 | 532.91 | 557.82 | 577.36 | 606.43 |

Includes non-energy use for industry/transformation/energy sectors.

Industry consumption of electricity (Mtoe)
Consommation industrielle d'électricité (Mtep)

Stromerbrauch der Industrie (Mtoe)

Consumo di energia elettrica nell'industria (Mtep)

電力の産業用消費量 (石油換算百万トン)

Consumo industrial de electricidad (Mtep)

Потребление электроэнергии промышленным сектором (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 0.068 | 0.081 | 0.244 | 0.515 | 0.535 | 0.594 | 0.762 | 0.800 | 0.838 |
| Angola | 0.011 | 0.015 | 0.010 | 0.014 | 0.017 | 0.031 | 0.057 | 0.064 | 0.082 |
| Benin | 0.001 | 0.002 | 0.005 | 0.008 | 0.010 | 0.009 | 0.010 | 0.010 | 0.010 |
| Botswana | .. | .. | .. | 0.052 | 0.064 | 0.085 | 0.109 | 0.113 | 0.117 |
| Cameroon | 0.076 | 0.072 | 0.068 | 0.117 | 0.110 | 0.131 | 0.128 | 0.221 | 0.257 |
| Congo | 0.003 | 0.004 | 0.006 | 0.018 | 0.016 | 0.012 | 0.014 | 0.017 | 0.018 |
| DR of Congo | - | - | 0.223 | 0.093 | 0.086 | 0.104 | 0.126 | 0.133 | 0.142 |
| Côte d'Ivoire | 0.011 | 0.016 | 0.039 | 0.043 | 0.047 | 0.082 | 0.109 | 0.075 | 0.078 |
| Egypt | 0.354 | 0.362 | 0.862 | 1.451 | 1.736 | 2.112 | 2.812 | 2.973 | 3.186 |
| Eritrea | .. | .. | .. | .. | 0.007 | 0.006 | 0.005 | 0.005 | 0.006 |
| Ethiopia | 0.031 | 0.031 | 0.030 | 0.042 | 0.047 | 0.047 | 0.081 | 0.077 | 0.106 |
| Gabon | - | 0.003 | 0.021 | 0.034 | 0.016 | 0.023 | 0.028 | 0.030 | 0.032 |
| Ghana | 0.210 | 0.279 | 0.340 | 0.306 | 0.317 | 0.346 | 0.219 | 0.309 | 0.231 |
| Kenya | 0.040 | 0.047 | 0.068 | 0.168 | 0.200 | 0.188 | 0.267 | 0.289 | 0.295 |
| Libyan Arab Jamahiriya | 0.006 | 0.013 | 0.072 | 0.143 | 0.239 | 0.263 | 0.273 | 0.291 | 0.430 |
| Morocco | 0.084 | 0.105 | 0.195 | 0.345 | 0.414 | 0.521 | 0.616 | 0.689 | 0.726 |
| Mozambique | 0.017 | 0.020 | 0.016 | 0.015 | 0.022 | 0.129 | 0.719 | 0.736 | 0.666 |
| Namibia | .. | .. | .. | .. | - | - | 0.051 | 0.059 | 0.054 |
| Nigeria | 0.087 | 0.110 | 0.150 | 0.173 | 0.175 | 0.164 | 0.192 | 0.289 | 0.372 |
| Senegal | 0.016 | 0.022 | 0.031 | 0.039 | 0.044 | 0.025 | 0.049 | 0.046 | 0.038 |
| South Africa | 2.798 | 3.058 | 5.057 | 7.081 | 6.937 | 8.337 | 9.448 | 9.749 | 10.088 |
| Sudan | 0.018 | 0.020 | 0.020 | 0.018 | 0.033 | 0.053 | 0.043 | 0.047 | 0.051 |
| United Rep. of Tanzania | 0.013 | 0.015 | 0.021 | 0.034 | 0.075 | 0.053 | 0.131 | 0.137 | 0.126 |
| Togo | 0.003 | 0.003 | 0.005 | 0.009 | 0.013 | 0.011 | 0.016 | 0.016 | 0.017 |
| Tunisia | 0.040 | 0.050 | 0.127 | 0.244 | 0.291 | 0.377 | 0.434 | 0.466 | 0.479 |
| Zambia | 0.311 | 0.361 | 0.415 | 0.377 | 0.360 | 0.357 | 0.479 | 0.503 | 0.528 |
| Zimbabwe | 0.190 | 0.293 | 0.415 | 0.486 | 0.462 | 0.457 | 0.469 | 0.446 | 0.419 |
| Other Africa | 0.020 | 0.024 | 0.116 | 0.134 | 0.106 | 0.204 | 0.205 | 0.244 | 0.255 |
| Africa | 4.407 | 5.005 | 8.555 | 11.959 | 12.379 | 14.720 | 17.851 | 18.832 | 19.645 |
| Argentina | 0.892 | 1.059 | 1.487 | 1.839 | 2.207 | 2.996 | 3.718 | 3.954 | 3.882 |
| Bolivia | 0.042 | 0.046 | 0.075 | 0.062 | 0.089 | 0.107 | 0.124 | 0.136 | 0.155 |
| Brazil | 1.918 | 2.538 | 5.867 | 9.661 | 10.937 | 12.606 | 15.082 | 15.774 | 16.565 |
| Chile | 0.422 | 0.409 | 0.552 | 0.873 | 1.424 | 2.209 | 2.801 | 2.950 | 3.080 |
| Colombia | 0.318 | 0.297 | 0.434 | 0.684 | 0.878 | 0.982 | 1.081 | 1.134 | 1.185 |
| Costa Rica | 0.027 | 0.031 | 0.060 | 0.064 | 0.086 | 0.120 | 0.179 | 0.159 | 0.168 |
| Cuba | 0.173 | 0.196 | 0.342 | 0.488 | 0.305 | 0.343 | 0.306 | 0.329 | 0.411 |
| Dominican Republic | 0.026 | 0.058 | 0.082 | 0.053 | 0.069 | 0.143 | 0.390 | 0.446 | 0.453 |
| Ecuador | 0.025 | 0.028 | 0.103 | 0.131 | 0.155 | 0.189 | 0.154 | 0.159 | 0.170 |
| El Salvador | 0.024 | 0.030 | 0.044 | 0.049 | 0.071 | 0.180 | 0.174 | 0.213 | 0.246 |
| Guatemala | 0.030 | 0.031 | 0.071 | 0.056 | 0.083 | 0.126 | 0.201 | 0.230 | 0.252 |
| Haiti | 0.001 | 0.002 | 0.009 | 0.015 | 0.007 | 0.009 | 0.013 | 0.014 | 0.014 |
| Honduras | 0.016 | 0.020 | 0.033 | 0.073 | 0.050 | 0.077 | 0.104 | 0.104 | 0.111 |
| Jamaica | 0.104 | 0.130 | 0.049 | 0.018 | 0.286 | 0.328 | 0.405 | 0.411 | 0.428 |
| Netherlands Antilles | 0.027 | 0.029 | 0.032 | 0.029 | 0.038 | 0.041 | 0.044 | 0.045 | 0.046 |
| Nicaragua | 0.023 | 0.026 | 0.028 | 0.031 | 0.026 | 0.029 | 0.051 | 0.042 | 0.055 |
| Panama | 0.010 | 0.011 | 0.016 | 0.024 | 0.040 | 0.044 | 0.022 | 0.039 | 0.032 |
| Paraguay | 0.009 | 0.011 | 0.032 | 0.054 | 0.080 | 0.077 | 0.107 | 0.118 | 0.126 |
| Peru | 0.296 | 0.329 | 0.454 | 0.617 | 0.638 | 0.846 | 1.080 | 1.113 | 1.268 |
| Trinidad and Tobago | 0.029 | 0.044 | 0.091 | 0.165 | 0.195 | 0.263 | 0.358 | 0.348 | 0.372 |
| Uruguay | 0.057 | 0.056 | 0.093 | 0.127 | 0.113 | 0.137 | 0.146 | 0.155 | 0.165 |
| Venezuela | 0.441 | 0.483 | 1.186 | 2.117 | 2.335 | 2.375 | 2.972 | 3.044 | 2.871 |
| Other Latin America | 0.010 | 0.012 | 0.021 | 0.069 | 0.166 | 0.273 | 0.312 | 0.318 | 0.329 |
| Latin America | 4.917 | 5.877 | 11.160 | 17.298 | 20.275 | 24.500 | 29.825 | 31.234 | 32.382 |

Industry consumption of electricity (Mtoe)
Consommation industrielle d'électricité (Mtep)

Stromerbrauch der Industrie (Mtoe)

Consumo di energia elettrica nell'industria (Mtep)

電力の産業用消費量（石油換算百万トン）

Consumo industrial de electricidad (Mtep)

Потребление электроэнергии промышленным сектором (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|
| Bangladesh | 0.041 | 0.067 | 0.076 | 0.234 | 0.373 | 0.464 | 0.707 | 0.772 | 0.781 |
| Brunei Darussalam | 0.004 | 0.004 | 0.006 | 0.021 | 0.025 | 0.025 | 0.049 | 0.048 | 0.048 |
| Cambodia | .. | .. | .. | .. | 0.001 | 0.004 | 0.010 | 0.014 | 0.024 |
| Chinese Taipei | 0.777 | 1.005 | 2.049 | 3.801 | 5.166 | 7.473 | 9.335 | 9.759 | 10.265 |
| India | 3.120 | 3.241 | 4.750 | 9.080 | 11.767 | 13.622 | 18.138 | 20.422 | 22.076 |
| Indonesia | 0.027 | 0.033 | 0.152 | 1.184 | 2.126 | 2.925 | 3.651 | 3.751 | 3.939 |
| DPR of Korea | 0.541 | 0.603 | 0.774 | 1.013 | 0.769 | 0.623 | 0.736 | 0.721 | 0.691 |
| Malaysia | 0.156 | 0.205 | 0.384 | 0.830 | 1.826 | 2.806 | 3.372 | 3.476 | 3.588 |
| Mongolia | .. | .. | .. | 0.155 | 0.095 | 0.102 | 0.135 | 0.140 | 0.150 |
| Myanmar | 0.026 | 0.031 | 0.052 | 0.074 | 0.079 | 0.117 | 0.121 | 0.159 | 0.168 |
| Nepal | 0.001 | 0.001 | 0.005 | 0.018 | 0.031 | 0.045 | 0.070 | 0.073 | 0.075 |
| Pakistan | 0.246 | 0.315 | 0.353 | 0.889 | 1.048 | 1.234 | 1.703 | 1.812 | 1.783 |
| Philippines | 0.292 | 0.408 | 0.706 | 0.855 | 0.942 | 1.135 | 1.325 | 1.344 | 1.396 |
| Singapore | 0.079 | 0.116 | 0.211 | 0.473 | 0.605 | 0.917 | 1.086 | 1.096 | 1.151 |
| Sri Lanka | 0.033 | 0.043 | 0.058 | 0.078 | 0.144 | 0.189 | 0.235 | 0.253 | 0.254 |
| Thailand | 0.258 | 0.339 | 0.545 | 1.542 | 2.826 | 3.452 | 4.892 | 5.101 | 5.260 |
| Vietnam | - | - | 0.127 | 0.245 | 0.397 | 0.782 | 1.870 | 2.312 | 2.765 |
| Other Asia | - | - | 0.201 | 0.232 | 0.259 | 0.341 | 0.402 | 0.413 | 0.467 |
| Asia | 5.600 | 6.409 | 10.448 | 20.724 | 28.478 | 36.254 | 47.836 | 51.665 | 54.883 |
| People's Rep. of China | 7.635 | 9.202 | 16.597 | 29.522 | 45.865 | 56.928 | 116.217 | 136.364 | 160.618 |
| Hong Kong, China | 0.206 | 0.208 | 0.361 | 0.596 | 0.483 | 0.425 | 0.350 | 0.335 | 0.313 |
| China | 7.841 | 9.410 | 16.958 | 30.118 | 46.348 | 57.353 | 116.567 | 136.699 | 160.932 |
| Albania | - | - | - | 0.042 | 0.044 | 0.078 | 0.062 | 0.062 | 0.056 |
| Bosnia and Herzegovina | .. | .. | .. | 0.523 | 0.051 | 0.103 | 0.207 | 0.207 | 0.207 |
| Bulgaria | 1.066 | 1.207 | 1.424 | 1.596 | 1.046 | 0.738 | 0.846 | 0.863 | 0.875 |
| Croatia | .. | .. | .. | 0.541 | 0.236 | 0.261 | 0.301 | 0.318 | 0.339 |
| Cyprus | 0.015 | 0.020 | 0.023 | 0.029 | 0.034 | 0.038 | 0.047 | 0.049 | 0.052 |
| FYR of Macedonia | .. | .. | .. | 0.225 | 0.174 | 0.134 | 0.184 | 0.191 | 0.211 |
| Malta | - | - | - | - | 0.042 | 0.043 | 0.042 | 0.046 | 0.046 |
| Romania | 1.930 | 2.297 | 3.463 | 3.316 | 2.008 | 1.712 | 2.037 | 2.088 | 1.964 |
| Serbia | .. | .. | .. | 1.188 | 0.525 | 0.545 | 0.521 | 0.561 | 0.581 |
| Slovenia | .. | .. | .. | 0.513 | 0.425 | 0.476 | 0.617 | 0.640 | 0.642 |
| Former Yugoslavia | 1.164 | 1.354 | 2.322 | x | x | x | x | x | x |
| Non-OECD Europe | 4.175 | 4.878 | 7.231 | 7.972 | 4.585 | 4.129 | 4.863 | 5.024 | 4.972 |
| Armenia | .. | .. | .. | 0.285 | 0.084 | 0.060 | 0.082 | 0.089 | 0.104 |
| Azerbaijan | .. | .. | .. | 0.783 | 0.137 | 0.064 | 0.352 | 0.334 | 0.399 |
| Belarus | .. | .. | .. | 1.944 | 0.913 | 1.110 | 1.144 | 1.197 | 1.214 |
| Estonia | .. | .. | .. | 0.254 | 0.151 | 0.158 | 0.186 | 0.201 | 0.205 |
| Georgia | .. | .. | .. | 0.652 | 0.082 | 0.077 | 0.063 | 0.058 | 0.060 |
| Kazakhstan | .. | .. | .. | 5.498 | 2.007 | 1.821 | 2.384 | 2.568 | 2.663 |
| Kyrgyzstan | .. | .. | .. | 0.439 | 0.330 | 0.239 | 0.275 | 0.306 | 0.264 |
| Latvia | .. | .. | .. | 0.274 | 0.123 | 0.123 | 0.146 | 0.151 | 0.156 |
| Lithuania | .. | .. | .. | 0.470 | 0.233 | 0.197 | 0.244 | 0.252 | 0.265 |
| Republic of Moldova | .. | .. | .. | 0.387 | 0.159 | 0.060 | 0.092 | 0.096 | 0.074 |
| Russian Federation | .. | .. | .. | 41.428 | 27.005 | 26.867 | 28.369 | 30.406 | 30.339 |
| Tajikistan | .. | .. | .. | 0.989 | 0.593 | 0.462 | 0.566 | 0.573 | 0.575 |
| Turkmenistan | .. | .. | .. | 0.342 | 0.155 | 0.181 | 0.231 | 0.246 | 0.268 |
| Ukraine | .. | .. | .. | 12.502 | 6.124 | 5.186 | 5.651 | 5.906 | 6.154 |
| Uzbekistan | .. | .. | .. | 1.875 | 1.238 | 1.310 | 1.296 | 1.340 | 1.330 |
| Former Soviet Union | 38.820 | 43.765 | 55.651 | 68.121 | 39.334 | 37.914 | 41.083 | 43.722 | 44.070 |

Industry consumption of electricity (Mtoe)
Consommation industrielle d'électricité (Mtep)

Stromerbrauch der Industrie (Mtoe)

Consumo di energia elettrica nell'industria (Mtep)

電力の産業用消費量（石油換算百万トン）

Consumo industrial de electricidad (Mtep)

Потребление электроэнергии промышленным сектором (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Bahrain | 0.015 | 0.015 | 0.020 | 0.029 | 0.058 | 0.074 | 0.123 | 0.119 | 0.139 |
| Islamic Republic of Iran | 0.400 | 0.586 | 0.752 | 1.241 | 1.986 | 2.841 | 4.060 | 4.194 | 4.469 |
| Iraq | 0.078 | 0.098 | 0.326 | - | - | - | - | - | - |
| Israel | 0.171 | 0.199 | 0.301 | 0.455 | 0.715 | 0.898 | 1.015 | 1.018 | 1.054 |
| Jordan | 0.007 | 0.010 | 0.024 | 0.102 | 0.137 | 0.162 | 0.220 | 0.228 | 0.242 |
| Lebanon | - | - | - | - | 0.105 | 0.177 | 0.203 | 0.196 | 0.202 |
| Oman | - | 0.000 | 0.005 | 0.027 | 0.032 | 0.053 | 0.073 | 0.094 | 0.104 |
| Qatar | - | - | 0.040 | 0.052 | 0.065 | 0.140 | 0.244 | 0.321 | 0.386 |
| Saudi Arabia | 0.110 | 0.150 | 0.108 | 0.713 | 0.858 | 1.074 | 1.335 | 1.296 | 1.488 |
| Syrian Arab Republic | 0.067 | 0.075 | 0.150 | 0.361 | 0.393 | 0.580 | 0.858 | 0.815 | 0.835 |
| United Arab Emirates | 0.001 | 0.004 | 0.033 | 0.086 | 0.164 | 0.366 | 0.555 | 0.641 | 0.577 |
| Yemen | 0.002 | 0.003 | 0.001 | - | - | - | - | - | - |
| Middle East | 0.850 | 1.139 | 1.758 | 3.066 | 4.513 | 6.364 | 8.685 | 8.921 | 9.496 |
| Non-OECD Total | 66.610 | 76.483 | 111.762 | 159.256 | 155.910 | 181.234 | 266.709 | 296.096 | 326.379 |
| <i>European Union - 27</i> | .. | .. | .. | 84.943 | 82.462 | 91.018 | 97.591 | 97.410 | 98.894 |
| OECD North America | 58.829 | 66.199 | 78.433 | 93.558 | 111.338 | 124.258 | 106.848 | 105.882 | 107.202 |
| OECD Pacific | 23.449 | 28.298 | 33.600 | 40.030 | 44.925 | 51.870 | 52.933 | 53.812 | 55.738 |
| OECD Europe | 55.025 | 63.410 | 73.694 | 86.485 | 87.204 | 97.937 | 105.250 | 105.354 | 107.493 |
| OECD Total | 137.302 | 157.906 | 185.728 | 220.072 | 243.467 | 274.064 | 265.031 | 265.047 | 270.433 |
| World | 203.912 | 234.389 | 297.489 | 379.328 | 399.377 | 455.298 | 531.740 | 561.143 | 596.812 |

Total industry consumption of energy (Mtoe)
Consommation industrielle totale d'énergie (Mtep)

Gesamtenergieverbrauch der Industrie (Mtoe)

Consumo totale di energia nell'industria (Mtep)

産業用エネルギー総消費量（石油換算百万トン）

Consumo total industrial de energia (Mtep)

Общее потребление топлива и энергии промышленным сектором (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 0.52 | 0.80 | 1.68 | 4.02 | 4.16 | 4.51 | 5.66 | 5.84 | 6.39 |
| Angola | 0.19 | 0.23 | 0.24 | 0.82 | 0.83 | 0.98 | 1.34 | 1.27 | 1.33 |
| Benin | 0.01 | 0.00 | 0.01 | 0.02 | 0.02 | 0.07 | 0.05 | 0.06 | 0.06 |
| Botswana | .. | .. | .. | 0.20 | 0.18 | 0.34 | 0.35 | 0.36 | 0.37 |
| Cameroon | 0.50 | 0.51 | 0.62 | 0.86 | 0.92 | 1.04 | 1.13 | 0.76 | 0.95 |
| Congo | 0.05 | 0.05 | 0.03 | 0.04 | 0.04 | 0.03 | 0.03 | 0.04 | 0.03 |
| DR of Congo | 1.35 | 1.37 | 1.81 | 2.34 | 2.62 | 3.00 | 3.48 | 3.60 | 3.71 |
| Côte d'Ivoire | 0.25 | 0.27 | 0.30 | 0.24 | 0.22 | 0.36 | 0.26 | 0.27 | 0.25 |
| Egypt | 3.30 | 3.23 | 6.58 | 12.16 | 11.86 | 14.70 | 19.71 | 20.87 | 21.55 |
| Eritrea | .. | .. | .. | .. | 0.03 | 0.02 | 0.03 | 0.02 | 0.02 |
| Ethiopia | 0.15 | 0.15 | 0.14 | 0.25 | 0.27 | 0.34 | 0.49 | 0.52 | 0.60 |
| Gabon | 0.22 | 0.23 | 0.40 | 0.23 | 0.35 | 0.37 | 0.51 | 0.50 | 0.55 |
| Ghana | 0.50 | 0.63 | 0.74 | 0.76 | 0.85 | 0.98 | 0.98 | 1.15 | 1.03 |
| Kenya | 0.26 | 0.28 | 0.42 | 0.64 | 0.68 | 0.51 | 0.74 | 0.84 | 0.81 |
| Libyan Arab Jamahiriya | 0.30 | 0.40 | 1.84 | 2.47 | 3.41 | 3.92 | 3.97 | 4.07 | 4.26 |
| Morocco | 1.02 | 1.15 | 1.84 | 2.02 | 2.00 | 2.07 | 2.70 | 2.69 | 2.81 |
| Mozambique | 0.96 | 0.94 | 0.71 | 0.56 | 0.61 | 0.72 | 1.40 | 1.43 | 1.39 |
| Namibia | .. | .. | .. | .. | 0.01 | 0.06 | 0.13 | 0.14 | 0.14 |
| Nigeria | 3.79 | 4.38 | 5.89 | 7.53 | 8.24 | 8.98 | 10.18 | 10.49 | 10.86 |
| Senegal | 0.13 | 0.16 | 0.21 | 0.13 | 0.17 | 0.19 | 0.28 | 0.21 | 0.21 |
| South Africa | 14.84 | 17.17 | 24.36 | 26.04 | 23.15 | 26.33 | 25.99 | 24.93 | 25.35 |
| Sudan | 0.65 | 1.00 | 0.88 | 0.99 | 1.05 | 1.36 | 1.18 | 1.30 | 1.19 |
| United Rep. of Tanzania | 0.75 | 0.78 | 0.79 | 0.96 | 1.08 | 1.26 | 1.80 | 1.94 | 2.03 |
| Togo | 0.00 | 0.00 | 0.00 | 0.02 | 0.04 | 0.10 | 0.05 | 0.05 | 0.03 |
| Tunisia | 0.35 | 0.40 | 0.83 | 1.32 | 1.38 | 1.76 | 1.82 | 1.76 | 1.77 |
| Zambia | 1.16 | 1.39 | 1.28 | 1.23 | 1.14 | 1.17 | 1.40 | 1.45 | 1.51 |
| Zimbabwe | 0.93 | 1.14 | 1.35 | 1.73 | 1.14 | 1.25 | 0.99 | 0.95 | 0.90 |
| Other Africa | 2.26 | 2.39 | 3.15 | 3.99 | 4.84 | 5.85 | 6.84 | 7.78 | 8.09 |
| Africa | 34.43 | 39.06 | 56.11 | 71.56 | 71.27 | 82.28 | 93.49 | 95.30 | 98.19 |
| Argentina | 9.28 | 9.49 | 10.59 | 10.32 | 15.90 | 18.97 | 20.48 | 22.66 | 22.51 |
| Bolivia | 0.20 | 0.25 | 0.34 | 0.46 | 0.73 | 0.88 | 1.07 | 1.11 | 1.20 |
| Brazil | 19.10 | 24.15 | 40.56 | 49.98 | 57.26 | 70.05 | 81.16 | 85.58 | 90.17 |
| Chile | 2.31 | 2.32 | 2.79 | 4.47 | 5.96 | 9.24 | 9.93 | 11.01 | 10.24 |
| Colombia | 3.45 | 3.07 | 4.16 | 5.40 | 8.69 | 9.11 | 8.83 | 8.67 | 8.13 |
| Costa Rica | 0.26 | 0.31 | 0.39 | 0.51 | 0.49 | 0.62 | 0.71 | 0.86 | 0.99 |
| Cuba | 4.59 | 4.85 | 5.86 | 7.31 | 3.61 | 4.18 | 3.00 | 3.61 | 3.99 |
| Dominican Republic | 0.78 | 0.85 | 0.96 | 0.57 | 0.75 | 0.95 | 1.30 | 1.23 | 1.24 |
| Ecuador | 0.32 | 0.33 | 1.09 | 1.38 | 1.49 | 1.87 | 2.15 | 1.69 | 1.79 |
| El Salvador | 0.24 | 0.31 | 0.35 | 0.45 | 0.56 | 0.68 | 0.79 | 0.82 | 0.85 |
| Guatemala | 0.66 | 0.65 | 0.54 | 0.53 | 0.84 | 0.94 | 1.26 | 1.31 | 0.87 |
| Haiti | 0.18 | 0.17 | 0.22 | 0.15 | 0.14 | 0.34 | 0.46 | 0.48 | 0.52 |
| Honduras | 0.23 | 0.26 | 0.43 | 0.58 | 0.56 | 0.60 | 0.58 | 0.63 | 0.78 |
| Jamaica | 0.75 | 1.32 | 1.29 | 0.22 | 0.47 | 0.53 | 0.56 | 0.55 | 0.56 |
| Netherlands Antilles | 1.48 | 1.62 | 0.42 | 0.23 | 0.27 | 0.25 | 0.27 | 0.27 | 0.27 |
| Nicaragua | 0.24 | 0.27 | 0.29 | 0.37 | 0.29 | 0.41 | 0.48 | 0.50 | 0.46 |
| Panama | 0.16 | 0.20 | 0.32 | 0.25 | 0.36 | 0.43 | 0.41 | 0.47 | 0.46 |
| Paraguay | 0.35 | 0.42 | 0.63 | 0.96 | 1.38 | 1.31 | 1.24 | 1.25 | 1.22 |
| Peru | 1.93 | 2.13 | 2.71 | 1.99 | 2.42 | 3.16 | 3.62 | 3.57 | 4.02 |
| Trinidad and Tobago | 0.55 | 0.62 | 1.15 | 3.09 | 3.43 | 6.26 | 8.42 | 9.86 | 10.26 |
| Uruguay | 0.59 | 0.58 | 0.70 | 0.58 | 0.52 | 0.54 | 0.54 | 0.56 | 0.62 |
| Venezuela | 4.13 | 6.11 | 10.92 | 13.73 | 17.53 | 17.60 | 19.14 | 20.94 | 21.50 |
| Other Latin America | 0.33 | 0.34 | 0.41 | 0.50 | 0.66 | 0.91 | 1.02 | 1.03 | 1.05 |
| Latin America | 52.11 | 60.62 | 87.12 | 104.03 | 124.32 | 149.85 | 167.42 | 178.65 | 183.72 |

Includes non-energy use for industry/transformation/energy sectors.

Total industry consumption of energy (Mtoe)
Consommation industrielle totale d'énergie (Mtep)

Gesamtenergieverbrauch der Industrie (Mtoe)

Consumo totale di energia nell'industria (Mtep)

産業用エネルギー総消費量（石油換算百万トン）

Consumo total industrial de energia (Mtep)

Общее потребление топлива и энергии промышленным сектором (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bangladesh | 0.52 | 0.79 | 1.17 | 2.34 | 3.74 | 4.27 | 5.35 | 5.47 | 5.51 |
| Brunei Darussalam | 0.03 | 0.03 | 0.06 | 0.11 | 0.19 | 0.16 | 0.20 | 0.13 | 0.12 |
| Cambodia | .. | .. | .. | .. | 0.00 | 0.03 | 0.05 | 0.06 | 0.08 |
| Chinese Taipei | 4.88 | 6.10 | 12.13 | 17.10 | 21.02 | 27.17 | 34.75 | 35.80 | 40.70 |
| India | 37.42 | 39.70 | 48.97 | 81.92 | 92.41 | 115.88 | 132.83 | 144.30 | 153.07 |
| Indonesia | 1.74 | 1.99 | 8.02 | 24.52 | 28.51 | 40.00 | 45.88 | 48.29 | 57.36 |
| DPR of Korea | 11.63 | 12.03 | 17.37 | 19.48 | 12.55 | 11.44 | 12.68 | 12.95 | 10.68 |
| Malaysia | 2.11 | 1.75 | 3.19 | 6.14 | 10.83 | 13.37 | 17.76 | 19.90 | 22.05 |
| Mongolia | .. | .. | .. | 1.17 | 0.84 | 0.47 | 0.59 | 0.74 | 0.76 |
| Myanmar | 0.54 | 0.36 | 0.70 | 0.49 | 0.80 | 0.97 | 1.70 | 1.60 | 1.62 |
| Nepal | 0.02 | 0.06 | 0.09 | 0.11 | 0.17 | 0.39 | 0.41 | 0.42 | 0.44 |
| Pakistan | 3.56 | 4.08 | 5.55 | 10.18 | 12.58 | 14.07 | 20.38 | 21.37 | 22.40 |
| Philippines | 3.37 | 3.94 | 4.07 | 4.35 | 5.39 | 5.55 | 5.67 | 5.83 | 5.72 |
| Singapore | 0.31 | 0.56 | 0.81 | 2.93 | 3.06 | 4.03 | 8.62 | 8.70 | 8.86 |
| Sri Lanka | 0.55 | 0.68 | 0.67 | 0.81 | 0.73 | 1.75 | 2.07 | 2.22 | 2.17 |
| Thailand | 3.18 | 3.44 | 4.14 | 9.06 | 17.00 | 21.00 | 30.57 | 32.48 | 33.63 |
| Vietnam | 0.03 | 0.01 | 1.56 | 1.75 | 3.35 | 4.79 | 9.55 | 9.44 | 11.13 |
| Other Asia | 0.94 | 0.95 | 2.36 | 0.75 | 0.83 | 1.37 | 1.70 | 1.70 | 1.91 |
| Asia | 70.82 | 76.46 | 110.85 | 183.21 | 214.02 | 266.71 | 330.74 | 351.39 | 378.20 |
| People's Rep. of China | 112.71 | 123.78 | 196.31 | 283.35 | 379.25 | 344.09 | 567.92 | 624.77 | 680.68 |
| Hong Kong, China | 1.08 | 0.98 | 1.14 | 1.71 | 1.59 | 1.95 | 1.69 | 2.11 | 2.28 |
| China | 113.78 | 124.76 | 197.45 | 285.06 | 380.84 | 346.04 | 569.61 | 626.87 | 682.96 |
| Albania | 0.40 | 0.26 | 1.00 | 0.94 | 0.25 | 0.32 | 0.37 | 0.42 | 0.41 |
| Bosnia and Herzegovina | .. | .. | .. | 2.44 | 0.26 | 0.58 | 0.64 | 0.67 | 0.69 |
| Bulgaria | 4.28 | 4.57 | 5.80 | 10.45 | 6.92 | 4.55 | 4.51 | 4.54 | 4.66 |
| Croatia | .. | .. | .. | 2.92 | 2.06 | 2.05 | 2.26 | 2.30 | 2.38 |
| Cyprus | 0.15 | 0.21 | 0.30 | 0.29 | 0.50 | 0.52 | 0.39 | 0.40 | 0.40 |
| Gibraltar | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 |
| FYR of Macedonia | .. | .. | .. | 0.78 | 0.53 | 0.53 | 0.59 | 0.61 | 0.66 |
| Malta | - | - | 0.00 | 0.01 | 0.04 | 0.04 | 0.04 | 0.05 | 0.05 |
| Romania | 18.54 | 17.64 | 37.87 | 25.23 | 15.23 | 10.36 | 11.25 | 10.91 | 10.83 |
| Serbia | .. | .. | .. | 5.05 | 1.77 | 2.42 | 3.72 | 3.99 | 3.83 |
| Slovenia | .. | .. | .. | 1.55 | 1.30 | 1.66 | 1.93 | 1.97 | 1.88 |
| Former Yugoslavia | 8.02 | 9.02 | 10.94 | x | x | x | x | x | x |
| Non-OECD Europe | 31.40 | 31.72 | 55.92 | 49.67 | 28.86 | 23.05 | 25.72 | 25.88 | 25.81 |
| Armenia | .. | .. | .. | 2.10 | 0.34 | 0.42 | 0.69 | 0.73 | 0.91 |
| Azerbaijan | .. | .. | .. | 1.55 | 3.32 | 2.05 | 2.13 | 1.75 | 1.67 |
| Belarus | .. | .. | .. | 16.09 | 6.88 | 7.28 | 8.22 | 8.83 | 8.96 |
| Estonia | .. | .. | .. | 2.76 | 1.01 | 0.73 | 0.90 | 0.86 | 0.92 |
| Georgia | .. | .. | .. | 4.03 | 0.45 | 0.38 | 0.42 | 0.49 | 0.44 |
| Kazakhstan | .. | .. | .. | 28.64 | 17.61 | 12.90 | 17.76 | 16.97 | 17.82 |
| Kyrgyzstan | .. | .. | .. | 2.52 | 0.48 | 0.47 | 0.69 | 0.70 | 0.68 |
| Latvia | .. | .. | .. | 2.02 | 0.71 | 0.63 | 0.77 | 0.82 | 0.81 |
| Lithuania | .. | .. | .. | 4.18 | 1.55 | 1.42 | 1.76 | 1.84 | 2.35 |
| Republic of Moldova | .. | .. | .. | 1.12 | 0.58 | 0.32 | 0.48 | 0.44 | 0.40 |
| Russian Federation | .. | .. | .. | 250.02 | 185.57 | 167.32 | 171.54 | 175.20 | 174.90 |
| Tajikistan | .. | .. | .. | 0.99 | 0.59 | 0.46 | 0.57 | 0.57 | 0.57 |
| Turkmenistan | .. | .. | .. | 0.34 | 0.16 | 0.18 | 0.23 | 0.25 | 0.27 |
| Ukraine | .. | .. | .. | 85.63 | 44.39 | 33.99 | 42.00 | 40.79 | 42.46 |
| Uzbekistan | .. | .. | .. | 3.80 | 9.99 | 10.24 | 9.70 | 10.03 | 10.06 |
| Former Soviet Union | 266.70 | 304.59 | 405.22 | 405.78 | 273.63 | 238.79 | 257.87 | 260.25 | 263.22 |

Includes non-energy use for industry/transformation/energy sectors.

Total industry consumption of energy (Mtoe)
Consommation industrielle totale d'énergie (Mtep)

Gesamtenergieverbrauch der Industrie (Mtoe)

Consumo totale di energia nell'industria (Mtep)

産業用エネルギー総消費量（石油換算百万トン）

Consumo total industrial de energia (Mtep)

Общее потребление топлива и энергии промышленным сектором (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bahrain | 0.19 | 0.60 | 0.91 | 1.76 | 1.62 | 1.57 | 1.90 | 2.49 | 2.31 |
| Islamic Republic of Iran | 4.84 | 6.27 | 8.99 | 18.87 | 24.24 | 25.83 | 34.52 | 38.06 | 44.64 |
| Iraq | 1.24 | 1.60 | 3.03 | 5.60 | 7.44 | 8.29 | 7.32 | 7.45 | 7.52 |
| Israel | 1.27 | 1.37 | 1.87 | 2.17 | 2.79 | 3.17 | 2.69 | 2.43 | 2.56 |
| Jordan | 0.09 | 0.10 | 0.29 | 0.63 | 0.81 | 0.95 | 1.27 | 1.29 | 1.29 |
| Kuwait | 1.98 | 2.29 | 2.80 | 2.19 | 3.96 | 4.02 | 6.20 | 4.96 | 4.42 |
| Lebanon | 0.45 | 0.49 | 0.00 | 0.10 | 1.04 | 1.00 | 1.19 | 0.62 | 0.52 |
| Oman | 0.01 | 0.01 | 0.07 | 0.80 | 1.09 | 1.18 | 2.55 | 2.95 | 5.25 |
| Qatar | 0.35 | 0.58 | 1.51 | 3.24 | 3.73 | 4.99 | 6.96 | 7.65 | 9.17 |
| Saudi Arabia | 0.89 | 1.53 | 13.46 | 17.09 | 21.04 | 29.25 | 44.89 | 48.52 | 48.92 |
| Syrian Arab Republic | 0.79 | 0.51 | 1.97 | 2.46 | 4.19 | 5.49 | 4.60 | 4.57 | 5.37 |
| United Arab Emirates | 0.81 | 0.83 | 2.75 | 10.73 | 14.78 | 16.63 | 13.95 | 14.46 | 16.49 |
| Yemen | 0.00 | 0.00 | 0.00 | 0.07 | 0.22 | 0.42 | 0.73 | 0.78 | 0.86 |
| Middle East | 12.92 | 16.17 | 37.65 | 65.72 | 86.93 | 102.78 | 128.78 | 136.22 | 149.33 |
| Non-OECD Total | 582.17 | 653.37 | 950.31 | 1 165.04 | 1 179.87 | 1 209.50 | 1 573.62 | 1 674.58 | 1 781.45 |
| <i>European Union - 27</i> | .. | .. | .. | 435.04 | 403.09 | 410.55 | 419.24 | 412.31 | 415.44 |
| OECD North America | 496.69 | 547.46 | 573.70 | 494.97 | 511.59 | 591.62 | 558.61 | 567.33 | 565.75 |
| OECD Pacific | 145.73 | 168.11 | 155.19 | 189.58 | 215.18 | 235.71 | 240.85 | 245.73 | 250.81 |
| OECD Europe | 408.99 | 451.81 | 440.01 | 414.34 | 404.43 | 427.88 | 437.43 | 433.98 | 437.15 |
| OECD Total | 1 051.41 | 1 167.38 | 1 168.90 | 1 098.90 | 1 131.20 | 1 255.20 | 1 236.89 | 1 247.05 | 1 253.72 |
| World | 1 633.58 | 1 820.75 | 2 119.20 | 2 263.94 | 2 311.07 | 2 464.70 | 2 810.51 | 2 921.62 | 3 035.16 |

Includes non-energy use for industry/transformation/energy sectors.

Consumption of oil in transport (Mtoe)
Consommation de pétrole dans les transports (Mtep)

Ölverbrauch im Verkehrssektor (Mtoe)

Consumo di petrolio nel settore dei trasporti (Mtep)

運輸部門の石油消費量 (石油換算百万トン)

Consumo de petróleo en el transporte (Mtep)

Потребление нефти и нефтепродуктов в транспорте (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|
| Algeria | 0.80 | 1.00 | 2.08 | 3.74 | 3.60 | 3.97 | 4.97 | 5.07 | 5.76 |
| Angola | 0.34 | 0.47 | 0.33 | 0.34 | 0.35 | 0.36 | 0.80 | 1.21 | 1.43 |
| Benin | 0.08 | 0.10 | 0.09 | 0.05 | 0.04 | 0.31 | 0.48 | 0.62 | 0.65 |
| Botswana | .. | .. | .. | 0.22 | 0.30 | 0.41 | 0.51 | 0.53 | 0.55 |
| Cameroon | 0.19 | 0.21 | 0.39 | 0.58 | 0.57 | 0.62 | 0.70 | 0.62 | 0.71 |
| Congo | 0.12 | 0.14 | 0.21 | 0.18 | 0.13 | 0.16 | 0.29 | 0.34 | 0.38 |
| DR of Congo | 0.14 | 0.17 | 0.21 | 0.19 | 0.15 | 0.14 | 0.17 | 0.18 | 0.19 |
| Côte d'Ivoire | 0.29 | 0.31 | 0.52 | 0.40 | 0.41 | 0.42 | 0.41 | 0.44 | 0.43 |
| Egypt | 1.31 | 1.47 | 2.69 | 5.27 | 6.86 | 9.38 | 9.75 | 10.53 | 11.79 |
| Eritrea | .. | .. | .. | .. | 0.11 | 0.07 | 0.06 | 0.04 | 0.04 |
| Ethiopia | 0.18 | 0.19 | 0.21 | 0.31 | 0.41 | 0.59 | 0.94 | 1.04 | 1.15 |
| Gabon | - | 0.01 | 0.08 | 0.11 | 0.11 | 0.10 | 0.13 | 0.14 | 0.17 |
| Ghana | 0.35 | 0.37 | 0.42 | 0.54 | 0.68 | 0.97 | 1.13 | 1.20 | 1.28 |
| Kenya | 0.64 | 0.77 | 1.01 | 1.18 | 1.31 | 1.23 | 1.64 | 1.83 | 1.88 |
| Libyan Arab Jamahiriya | 0.23 | 0.55 | 1.57 | 2.07 | 3.18 | 3.59 | 3.14 | 3.18 | 3.30 |
| Morocco | 0.58 | 0.67 | 0.86 | 1.23 | 1.81 | 2.42 | 2.96 | 3.04 | 3.23 |
| Mozambique | 0.11 | 0.10 | 0.10 | 0.20 | 0.24 | 0.28 | 0.34 | 0.37 | 0.46 |
| Namibia | .. | .. | .. | .. | 0.25 | 0.40 | 0.59 | 0.61 | 0.65 |
| Nigeria | 0.89 | 1.27 | 4.54 | 3.97 | 4.12 | 7.00 | 9.37 | 7.89 | 7.37 |
| Senegal | 0.15 | 0.17 | 0.24 | 0.24 | 0.26 | 0.38 | 0.48 | 0.51 | 0.57 |
| South Africa | 5.30 | 6.54 | 6.92 | 9.91 | 11.86 | 12.14 | 14.53 | 14.95 | 15.67 |
| Sudan | 0.67 | 0.80 | 0.75 | 1.29 | 0.91 | 0.90 | 1.89 | 2.20 | 2.07 |
| United Rep. of Tanzania | 0.24 | 0.27 | 0.23 | 0.23 | 0.30 | 0.41 | 0.88 | 0.94 | 1.01 |
| Togo | 0.07 | 0.07 | 0.11 | 0.14 | 0.13 | 0.14 | 0.21 | 0.19 | 0.21 |
| Tunisia | 0.29 | 0.35 | 0.58 | 0.82 | 1.05 | 1.33 | 1.51 | 1.50 | 1.58 |
| Zambia | 0.20 | 0.24 | 0.29 | 0.26 | 0.27 | 0.24 | 0.31 | 0.32 | 0.34 |
| Zimbabwe | 0.33 | 0.42 | 0.40 | 0.52 | 0.70 | 0.63 | 0.43 | 0.41 | 0.38 |
| Other Africa | 0.67 | 0.82 | 1.10 | 1.91 | 2.13 | 2.39 | 2.76 | 2.85 | 2.99 |
| Africa | 14.16 | 17.50 | 25.92 | 35.90 | 42.24 | 50.97 | 61.37 | 62.77 | 66.24 |
| Argentina | 8.01 | 8.76 | 10.45 | 9.34 | 11.65 | 11.66 | 10.64 | 11.47 | 11.73 |
| Bolivia | 0.33 | 0.39 | 0.71 | 0.73 | 0.90 | 0.93 | 1.11 | 1.16 | 1.34 |
| Brazil | 14.17 | 18.82 | 24.15 | 26.77 | 34.06 | 41.70 | 44.37 | 45.38 | 47.06 |
| Chile | 1.83 | 1.69 | 2.02 | 3.39 | 5.10 | 6.60 | 7.49 | 7.64 | 8.16 |
| Colombia | 2.25 | 2.57 | 3.98 | 5.70 | 6.89 | 6.24 | 6.47 | 6.65 | 6.80 |
| Costa Rica | 0.22 | 0.28 | 0.44 | 0.53 | 0.88 | 1.01 | 1.36 | 1.34 | 1.44 |
| Cuba | 1.42 | 1.79 | 2.06 | 1.52 | 0.60 | 0.65 | 0.30 | 0.27 | 0.28 |
| Dominican Republic | 0.48 | 0.53 | 0.60 | 0.93 | 1.34 | 2.27 | 1.96 | 1.97 | 2.01 |
| Ecuador | 0.62 | 0.70 | 1.34 | 2.30 | 2.49 | 3.13 | 3.47 | 3.87 | 4.26 |
| El Salvador | 0.19 | 0.22 | 0.29 | 0.42 | 0.70 | 0.84 | 0.97 | 0.93 | 0.92 |
| Guatemala | 0.23 | 0.32 | 0.45 | 0.59 | 0.96 | 1.37 | 1.63 | 1.67 | 2.00 |
| Haiti | 0.05 | 0.06 | 0.10 | 0.14 | 0.17 | 0.24 | 0.39 | 0.40 | 0.44 |
| Honduras | 0.15 | 0.18 | 0.21 | 0.35 | 0.52 | 0.70 | 0.75 | 0.75 | 1.06 |
| Jamaica | 0.54 | 0.54 | 0.29 | 0.37 | 0.48 | 0.66 | 0.75 | 0.94 | 1.00 |
| Netherlands Antilles | 0.49 | 0.45 | 0.51 | 0.29 | 0.37 | 0.39 | 0.41 | 0.42 | 0.42 |
| Nicaragua | 0.23 | 0.28 | 0.29 | 0.25 | 0.37 | 0.48 | 0.47 | 0.49 | 0.54 |
| Panama | 0.27 | 0.31 | 0.34 | 0.39 | 0.58 | 0.70 | 0.90 | 1.00 | 0.98 |
| Paraguay | 0.13 | 0.16 | 0.36 | 0.53 | 0.96 | 0.92 | 1.00 | 1.06 | 1.13 |
| Peru | 1.65 | 1.98 | 1.96 | 2.29 | 2.68 | 3.03 | 3.17 | 3.42 | 3.55 |
| Trinidad and Tobago | 0.25 | 0.38 | 0.48 | 0.46 | 0.45 | 0.55 | 0.67 | 0.72 | 0.73 |
| Uruguay | 0.57 | 0.59 | 0.55 | 0.50 | 0.73 | 0.83 | 0.74 | 0.78 | 0.84 |
| Venezuela | 4.09 | 4.96 | 9.19 | 9.71 | 11.42 | 11.57 | 14.01 | 14.78 | 15.22 |
| Other Latin America | 0.09 | 0.10 | 0.34 | 0.63 | 0.76 | 1.57 | 1.75 | 1.78 | 1.84 |
| Latin America | 38.26 | 46.05 | 61.11 | 68.12 | 85.05 | 98.05 | 104.77 | 108.87 | 113.76 |

Starting with this edition, international aviation bunkers are no longer included in the transport sector at the country level. They are subtracted out of supply in the same way as international marine bunkers. Time series for countries' consumption may have significantly decreased compared to last year's edition. Includes non-energy use in transport.

Consumption of oil in transport (Mtoe)
Consommation de pétrole dans les transports (Mtep)

Ölverbrauch im Verkehrssektor (Mtoe)

Consumo di petrolio nel settore dei trasporti (Mtep)

運輸部門の石油消費量 (石油換算百万トン)

Consumo de petróleo en el transporte (Mtep)

Потребление нефти и нефтепродуктов в транспорте (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bangladesh | 0.08 | 0.08 | 0.32 | 0.54 | 0.87 | 1.00 | 1.47 | 1.52 | 1.64 |
| Brunei Darussalam | 0.03 | 0.03 | 0.11 | 0.19 | 0.26 | 0.27 | 0.32 | 0.35 | 0.38 |
| Cambodia | .. | .. | .. | .. | 0.27 | 0.29 | 0.42 | 0.39 | 0.39 |
| Chinese Taipei | 0.70 | 1.11 | 2.83 | 6.67 | 9.81 | 11.48 | 12.72 | 12.65 | 12.21 |
| India | 5.93 | 6.56 | 11.26 | 23.78 | 34.38 | 30.40 | 32.08 | 35.10 | 38.41 |
| Indonesia | 2.66 | 3.06 | 5.94 | 10.71 | 16.36 | 21.25 | 24.96 | 24.48 | 24.36 |
| DPR of Korea | 0.59 | 0.67 | 1.84 | 1.56 | 0.84 | 0.56 | 0.43 | 0.33 | 0.40 |
| Malaysia | 1.36 | 1.56 | 2.18 | 4.84 | 6.66 | 10.49 | 13.27 | 12.55 | 13.53 |
| Mongolia | .. | .. | .. | 0.47 | 0.23 | 0.30 | 0.35 | 0.39 | 0.48 |
| Myanmar | 0.49 | 0.41 | 0.60 | 0.42 | 0.85 | 1.11 | 1.28 | 1.23 | 1.30 |
| Nepal | 0.02 | 0.02 | 0.05 | 0.11 | 0.20 | 0.27 | 0.27 | 0.28 | 0.29 |
| Pakistan | 1.04 | 1.08 | 2.21 | 4.50 | 6.59 | 8.13 | 8.05 | 7.89 | 9.48 |
| Philippines | 3.01 | 3.31 | 3.48 | 4.59 | 7.34 | 8.24 | 8.41 | 7.82 | 8.63 |
| Singapore | 0.51 | 0.60 | 0.95 | 1.34 | 1.87 | 1.97 | 2.15 | 2.27 | 2.42 |
| Sri Lanka | 0.45 | 0.54 | 0.68 | 0.82 | 1.21 | 1.68 | 2.07 | 1.97 | 2.13 |
| Thailand | 1.90 | 2.39 | 3.21 | 9.03 | 15.43 | 14.61 | 18.57 | 17.81 | 17.84 |
| Vietnam | 0.97 | 0.97 | 0.59 | 1.39 | 2.47 | 3.64 | 6.76 | 7.27 | 7.80 |
| Other Asia | 0.37 | 0.36 | 0.88 | 0.89 | 0.95 | 0.90 | 1.20 | 1.20 | 1.36 |
| Asia | 20.10 | 22.74 | 37.14 | 71.84 | 106.61 | 116.58 | 134.80 | 135.51 | 143.06 |
| People's Rep. of China | 7.11 | 9.51 | 14.76 | 26.56 | 43.04 | 66.22 | 106.24 | 118.40 | 132.18 |
| Hong Kong, China | 0.42 | 0.50 | 0.86 | 1.47 | 2.42 | 3.72 | 1.71 | 1.46 | 1.45 |
| China | 7.53 | 10.02 | 15.62 | 28.03 | 45.46 | 69.94 | 107.95 | 119.86 | 133.62 |
| Albania | 0.24 | 0.26 | 0.49 | 0.23 | 0.21 | 0.48 | 0.78 | 0.63 | 0.69 |
| Bosnia and Herzegovina | .. | .. | .. | 0.73 | 0.37 | 0.75 | 0.77 | 0.83 | 0.88 |
| Bulgaria | 1.42 | 1.39 | 1.42 | 2.17 | 1.42 | 1.70 | 2.34 | 2.53 | 2.44 |
| Croatia | .. | .. | .. | 1.34 | 1.14 | 1.50 | 1.87 | 1.99 | 2.13 |
| Cyprus | 0.20 | 0.25 | 0.21 | 0.39 | 0.49 | 0.58 | 0.67 | 0.62 | 0.66 |
| Gibraltar | 0.01 | 0.01 | 0.01 | 0.03 | 0.07 | 0.08 | 0.09 | 0.09 | 0.10 |
| FYR of Macedonia | .. | .. | .. | 0.26 | 0.30 | 0.34 | 0.35 | 0.35 | 0.40 |
| Malta | 0.07 | 0.08 | 0.09 | 0.15 | 0.23 | 0.15 | 0.19 | 0.17 | 0.18 |
| Romania | 2.11 | 2.39 | 2.37 | 3.90 | 2.72 | 3.19 | 4.01 | 4.14 | 4.40 |
| Serbia | .. | .. | .. | 1.48 | 0.91 | 0.77 | 1.77 | 1.75 | 1.83 |
| Slovenia | .. | .. | .. | 0.88 | 1.29 | 1.19 | 1.44 | 1.51 | 1.69 |
| Former Yugoslavia | 3.46 | 3.51 | 4.31 | x | x | x | x | x | x |
| Non-OECD Europe | 7.51 | 7.88 | 8.90 | 11.56 | 9.14 | 10.73 | 14.28 | 14.62 | 15.40 |
| Armenia | .. | .. | .. | 1.02 | 0.04 | 0.20 | 0.22 | 0.21 | 0.18 |
| Azerbaijan | .. | .. | .. | 1.05 | 1.01 | 0.67 | 1.67 | 1.56 | 1.25 |
| Belarus | .. | .. | .. | 3.32 | 1.84 | 1.63 | 1.59 | 1.67 | 1.70 |
| Estonia | .. | .. | .. | 0.80 | 0.47 | 0.55 | 0.72 | 0.76 | 0.81 |
| Georgia | .. | .. | .. | 1.25 | 0.34 | 0.32 | 0.50 | 0.51 | 0.64 |
| Kazakhstan | .. | .. | .. | 4.90 | 3.11 | 3.23 | 3.26 | 3.56 | 4.11 |
| Kyrgyzstan | .. | .. | .. | 1.13 | 0.31 | 0.21 | 0.42 | 0.37 | 0.41 |
| Latvia | .. | .. | .. | 1.04 | 0.70 | 0.73 | 1.02 | 1.12 | 1.27 |
| Lithuania | .. | .. | .. | 1.85 | 1.01 | 1.04 | 1.38 | 1.46 | 1.69 |
| Republic of Moldova | .. | .. | .. | 0.83 | 0.31 | 0.14 | 0.24 | 0.27 | 0.31 |
| Russian Federation | .. | .. | .. | 72.90 | 41.17 | 42.30 | 47.58 | 50.59 | 50.11 |
| Tajikistan | .. | .. | .. | 0.54 | 1.05 | 0.71 | 1.17 | 1.34 | 1.51 |
| Turkmenistan | .. | .. | .. | 0.84 | 0.47 | 0.67 | 0.80 | 0.80 | 0.89 |
| Ukraine | .. | .. | .. | 18.13 | 8.53 | 6.74 | 7.66 | 7.88 | 8.48 |
| Uzbekistan | .. | .. | .. | 1.97 | 1.61 | 2.40 | 1.98 | 1.84 | 1.79 |
| Former Soviet Union | 52.56 | 59.96 | 84.11 | 111.58 | 61.96 | 61.55 | 70.20 | 73.95 | 75.14 |

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Consumption of oil in transport (Mtoe)
Consommation de pétrole dans les transports (Mtep)
Ölverbrauch im Verkehrssektor (Mtoe)
Consumo di petrolio nel settore dei trasporti (Mtep)
運輸部門の石油消費量 (石油換算百万トン)
Consumo de petróleo en el transporte (Mtep)
Потребление нефти и нефтепродуктов в транспорте (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bahrain | 0.06 | 0.08 | 0.21 | 0.34 | 0.42 | 0.52 | 0.84 | 0.87 | 0.94 |
| Islamic Republic of Iran | 2.50 | 3.44 | 7.12 | 13.03 | 18.51 | 24.22 | 33.98 | 36.01 | 34.40 |
| Iraq | 0.82 | 0.98 | 3.33 | 6.24 | 6.87 | 7.56 | 9.01 | 9.47 | 9.80 |
| Israel | 1.06 | 1.15 | 1.39 | 2.21 | 2.91 | 3.37 | 3.39 | 3.44 | 3.62 |
| Jordan | 0.18 | 0.25 | 0.53 | 0.89 | 0.99 | 1.19 | 1.60 | 1.58 | 1.70 |
| Kuwait | 0.75 | 0.85 | 1.50 | 1.27 | 1.83 | 2.02 | 2.76 | 3.18 | 3.28 |
| Lebanon | 0.43 | 0.55 | 0.64 | 0.64 | 1.44 | 1.37 | 1.38 | 1.32 | 1.03 |
| Oman | 0.03 | 0.04 | 0.22 | 0.58 | 0.75 | 0.90 | 1.25 | 1.41 | 1.59 |
| Qatar | 0.08 | 0.11 | 0.35 | 0.50 | 0.66 | 0.81 | 1.57 | 1.88 | 1.96 |
| Saudi Arabia | 1.11 | 1.45 | 6.59 | 16.46 | 18.02 | 20.29 | 25.08 | 27.36 | 30.35 |
| Syrian Arab Republic | 0.73 | 0.85 | 1.84 | 3.17 | 3.87 | 4.33 | 4.11 | 4.39 | 4.18 |
| United Arab Emirates | 0.14 | 0.26 | 2.30 | 3.72 | 4.33 | 4.92 | 7.38 | 7.75 | 8.15 |
| Yemen | 0.22 | 0.41 | 0.76 | 1.35 | 1.35 | 1.49 | 1.97 | 2.04 | 1.87 |
| Middle East | 8.11 | 10.43 | 26.77 | 50.38 | 61.95 | 73.00 | 94.33 | 100.68 | 102.87 |
| Non-OECD Total | 148.23 | 174.58 | 259.57 | 377.42 | 412.41 | 480.82 | 587.71 | 616.25 | 650.09 |
| <i>European Union - 27</i> | .. | .. | .. | 255.84 | 270.69 | 298.43 | 315.50 | 318.91 | 321.27 |
| OECD North America | 398.08 | 446.47 | 479.54 | 546.27 | 587.46 | 655.89 | 700.74 | 704.48 | 707.62 |
| OECD Pacific | 49.25 | 57.06 | 76.68 | 109.49 | 136.76 | 146.11 | 145.11 | 143.54 | 142.63 |
| OECD Europe | 144.28 | 165.58 | 203.47 | 262.50 | 283.13 | 311.08 | 326.75 | 331.51 | 335.35 |
| OECD Total | 591.61 | 669.12 | 759.70 | 918.26 | 1 007.35 | 1 113.08 | 1 172.60 | 1 179.53 | 1 185.60 |
| World marine bunkers | 107.96 | 119.45 | 107.89 | 112.46 | 126.56 | 146.68 | 172.71 | 182.35 | 191.64 |
| World aviation bunkers | 56.86 | 62.65 | 67.69 | 85.59 | 95.99 | 116.10 | 131.98 | 135.04 | 138.90 |
| World | 904.66 | 1 025.80 | 1 194.84 | 1 493.72 | 1 642.31 | 1 856.67 | 2 065.00 | 2 113.17 | 2 166.23 |

Starting with this edition, international aviation bunkers are no longer included in the transport sector at the country level. They are subtracted out of supply in the same way as international marine bunkers. Time series for countries' consumption may have significantly decreased compared to last year's edition. Includes non-energy use in transport.

Consumption of electricity in transport (Mtoe)
Consommation d'électricité dans les transports (Mtep)

Elektrizitätsverbrauch im Verkehrssektor (Mtoe)

Consumo di energia elettrica nel settore dei trasporti (Mtep)

運輸部門の電力消費量（石油換算百万トン）

Consumo de electricidad en el transporte (Mtep)

Потребление электроэнергии в транспорте (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Algeria | 0.002 | 0.002 | 0.001 | 0.024 | 0.028 | 0.030 | 0.041 | 0.048 | 0.046 |
| Gabon | - | - | - | - | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Morocco | 0.007 | 0.007 | 0.009 | 0.017 | 0.017 | 0.018 | 0.025 | 0.028 | 0.029 |
| South Africa | 0.282 | 0.249 | 0.372 | 0.340 | 0.369 | 0.463 | 0.468 | 0.291 | 0.305 |
| Tunisia | - | - | 0.005 | 0.009 | 0.012 | 0.016 | 0.027 | 0.031 | 0.014 |
| Zambia | - | - | - | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| Africa | 0.290 | 0.259 | 0.387 | 0.391 | 0.427 | 0.529 | 0.562 | 0.398 | 0.394 |
| Argentina | 0.025 | 0.025 | 0.023 | 0.027 | 0.030 | 0.045 | 0.052 | 0.054 | 0.053 |
| Brazil | 0.053 | 0.052 | 0.071 | 0.103 | 0.104 | 0.108 | 0.102 | 0.126 | 0.136 |
| Chile | 0.019 | 0.017 | 0.017 | 0.018 | 0.017 | 0.019 | 0.022 | 0.028 | 0.035 |
| Colombia | - | - | - | - | - | 0.004 | 0.004 | 0.005 | 0.005 |
| Costa Rica | 0.001 | 0.001 | 0.001 | 0.001 | - | - | - | - | - |
| Cuba | - | - | - | 0.008 | 0.006 | 0.008 | 0.008 | 0.010 | 0.009 |
| Paraguay | - | - | - | - | 0.000 | - | - | - | - |
| Venezuela | - | - | - | 0.024 | 0.011 | 0.022 | 0.022 | 0.023 | 0.022 |
| Latin America | 0.098 | 0.094 | 0.112 | 0.181 | 0.168 | 0.205 | 0.210 | 0.245 | 0.259 |
| Chinese Taipei | 0.000 | 0.000 | 0.018 | 0.018 | 0.020 | 0.039 | 0.045 | 0.047 | 0.072 |
| India | 0.140 | 0.132 | 0.195 | 0.354 | 0.535 | 0.706 | 0.855 | 0.929 | 1.015 |
| Malaysia | - | - | - | - | - | 0.004 | 0.005 | 0.005 | 0.004 |
| Mongolia | .. | .. | .. | 0.015 | 0.006 | 0.007 | 0.009 | 0.009 | 0.010 |
| Nepal | - | - | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 |
| Pakistan | 0.002 | 0.002 | 0.003 | 0.003 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 |
| Philippines | - | - | - | - | 0.002 | 0.005 | 0.008 | 0.008 | 0.009 |
| Singapore | - | - | - | 0.016 | 0.017 | 0.025 | 0.030 | 0.032 | 0.034 |
| Thailand | - | - | - | - | - | 0.003 | 0.005 | 0.005 | 0.012 |
| Vietnam | - | - | - | 0.005 | 0.009 | 0.021 | 0.035 | 0.035 | 0.037 |
| Asia | 0.143 | 0.134 | 0.216 | 0.411 | 0.591 | 0.812 | 0.994 | 1.073 | 1.194 |
| People's Rep. of China | 0.105 | 0.126 | 0.228 | 0.511 | 0.818 | 1.180 | 1.737 | 1.934 | 2.371 |
| China | 0.105 | 0.126 | 0.228 | 0.511 | 0.818 | 1.180 | 1.737 | 1.934 | 2.371 |
| Bulgaria | - | - | 0.089 | 0.112 | 0.069 | 0.045 | 0.039 | 0.036 | 0.034 |
| Croatia | .. | .. | .. | 0.047 | 0.021 | 0.024 | 0.026 | 0.026 | 0.028 |
| Cyprus | 0.003 | 0.003 | 0.000 | 0.004 | 0.003 | 0.002 | 0.003 | 0.003 | 0.003 |
| FYR of Macedonia | .. | .. | .. | 0.002 | 0.001 | 0.002 | 0.002 | 0.002 | 0.003 |
| Romania | - | - | 0.166 | 0.225 | 0.187 | 0.160 | 0.139 | 0.116 | 0.126 |
| Serbia | .. | .. | .. | 0.039 | 0.023 | 0.022 | 0.021 | 0.022 | 0.022 |
| Slovenia | .. | .. | .. | 0.019 | 0.015 | 0.023 | 0.017 | 0.017 | 0.017 |
| Former Yugoslavia | 0.046 | 0.062 | 0.077 | x | x | x | x | x | x |
| Non-OECD Europe | 0.049 | 0.065 | 0.332 | 0.449 | 0.318 | 0.277 | 0.246 | 0.222 | 0.232 |

Consumption of electricity in transport (Mtoe)
Consommation d'électricité dans les transports (Mtep)

Elektrizitätsverbrauch im Verkehrssektor (Mtoe)

Consumo di energia elettrica nel settore dei trasporti (Mtep)

運輸部門の電力消費量 (石油換算百万トン)

Consumo de electricidad en el transporte (Mtep)

Потребление электроэнергии в транспорте (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Armenia | .. | .. | .. | 0.033 | 0.016 | 0.011 | 0.011 | 0.010 | 0.011 |
| Azerbaijan | .. | .. | .. | 0.112 | 0.041 | 0.041 | 0.051 | 0.056 | 0.068 |
| Belarus | .. | .. | .. | 0.110 | 0.158 | 0.165 | 0.180 | 0.174 | 0.158 |
| Estonia | .. | .. | .. | 0.015 | 0.010 | 0.008 | 0.009 | 0.007 | 0.007 |
| Georgia | .. | .. | .. | 0.093 | 0.036 | 0.039 | 0.031 | 0.028 | 0.029 |
| Kazakhstan | .. | .. | .. | 0.556 | 0.330 | 0.130 | 0.170 | 0.183 | 0.190 |
| Kyrgyzstan | .. | .. | .. | 0.012 | 0.011 | 0.009 | 0.009 | 0.010 | 0.009 |
| Latvia | .. | .. | .. | 0.022 | 0.016 | 0.013 | 0.013 | 0.013 | 0.012 |
| Lithuania | .. | .. | .. | 0.018 | 0.008 | 0.007 | 0.009 | 0.008 | 0.006 |
| Republic of Moldova | .. | .. | .. | 0.007 | 0.012 | 0.008 | 0.007 | 0.007 | 0.006 |
| Russian Federation | .. | .. | .. | 8.924 | 5.604 | 5.239 | 7.153 | 7.385 | 7.452 |
| Tajikistan | .. | .. | .. | 0.017 | 0.007 | 0.004 | 0.002 | 0.002 | 0.002 |
| Turkmenistan | .. | .. | .. | 0.089 | 0.011 | 0.013 | 0.016 | 0.018 | 0.019 |
| Ukraine | .. | .. | .. | 1.245 | 0.927 | 0.794 | 0.816 | 0.851 | 0.903 |
| Uzbekistan | .. | .. | .. | 0.107 | 0.118 | 0.113 | 0.112 | 0.115 | 0.114 |
| Former Soviet Union | 4.197 | 4.627 | 6.536 | 11.361 | 7.305 | 6.592 | 8.587 | 8.867 | 8.984 |
| Islamic Republic of Iran | - | - | - | - | - | - | - | 0.012 | 0.015 |
| Middle East | - | - | - | - | - | - | - | 0.012 | 0.015 |
| Non-OECD Total | 4.881 | 5.306 | 7.810 | 13.303 | 9.626 | 9.595 | 12.336 | 12.751 | 13.449 |
| <i>European Union - 27</i> | .. | .. | .. | 5.415 | 5.923 | 6.208 | 6.384 | 6.212 | 6.272 |
| OECD North America | 0.578 | 0.678 | 0.500 | 0.705 | 0.749 | 0.861 | 1.113 | 1.125 | 1.153 |
| OECD Pacific | 1.058 | 1.209 | 1.423 | 1.693 | 1.927 | 2.010 | 2.117 | 2.087 | 2.093 |
| OECD Europe | 3.193 | 3.400 | 4.125 | 5.321 | 5.999 | 6.377 | 6.603 | 6.478 | 6.543 |
| OECD Total | 4.828 | 5.287 | 6.049 | 7.720 | 8.675 | 9.248 | 9.834 | 9.689 | 9.789 |
| World | 9.710 | 10.592 | 13.859 | 21.023 | 18.301 | 18.843 | 22.170 | 22.440 | 23.238 |

Total consumption of energy in transport (Mtoe)
Consommation totale d'énergie dans les transports (Mtep)

Gesamtenergieverbrauch im Verkehrssektor (Mtoe)

Consumo totale di energia nel settore dei trasporti (Mtep)

運輸部門のエネルギー総消費量（石油換算百万トン）

Consumo total de energía en el transporte (Mtep)

Общее потребление топлива и энергии в транспорте (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|
| Algeria | 0.80 | 1.00 | 2.09 | 4.06 | 4.09 | 4.66 | 6.19 | 6.49 | 6.97 |
| Angola | 0.34 | 0.47 | 0.33 | 0.34 | 0.35 | 0.36 | 0.80 | 1.21 | 1.43 |
| Benin | 0.08 | 0.10 | 0.09 | 0.05 | 0.04 | 0.31 | 0.48 | 0.62 | 0.65 |
| Botswana | .. | .. | .. | 0.22 | 0.30 | 0.41 | 0.51 | 0.53 | 0.55 |
| Cameroon | 0.19 | 0.21 | 0.39 | 0.58 | 0.57 | 0.62 | 0.70 | 0.62 | 0.71 |
| Congo | 0.12 | 0.14 | 0.21 | 0.18 | 0.13 | 0.16 | 0.29 | 0.34 | 0.38 |
| DR of Congo | 0.14 | 0.17 | 0.21 | 0.19 | 0.15 | 0.14 | 0.17 | 0.18 | 0.19 |
| Côte d'Ivoire | 0.29 | 0.31 | 0.52 | 0.40 | 0.41 | 0.42 | 0.41 | 0.44 | 0.43 |
| Egypt | 1.31 | 1.47 | 2.69 | 5.27 | 6.86 | 9.38 | 10.00 | 10.81 | 12.09 |
| Eritrea | .. | .. | .. | .. | 0.11 | 0.07 | 0.06 | 0.04 | 0.04 |
| Ethiopia | 0.18 | 0.19 | 0.21 | 0.31 | 0.41 | 0.59 | 0.94 | 1.04 | 1.15 |
| Gabon | - | 0.01 | 0.08 | 0.11 | 0.11 | 0.10 | 0.13 | 0.14 | 0.17 |
| Ghana | 0.35 | 0.37 | 0.42 | 0.54 | 0.68 | 0.97 | 1.13 | 1.20 | 1.28 |
| Kenya | 0.69 | 0.81 | 1.01 | 1.18 | 1.31 | 1.23 | 1.64 | 1.83 | 1.88 |
| Libyan Arab Jamahiriya | 0.23 | 0.55 | 1.57 | 2.07 | 3.18 | 3.59 | 3.14 | 3.18 | 3.30 |
| Morocco | 0.59 | 0.68 | 0.87 | 1.24 | 1.82 | 2.44 | 2.98 | 3.07 | 3.26 |
| Mozambique | 0.11 | 0.10 | 0.10 | 0.20 | 0.24 | 0.28 | 0.34 | 0.37 | 0.46 |
| Namibia | .. | .. | .. | .. | 0.25 | 0.40 | 0.59 | 0.61 | 0.65 |
| Nigeria | 0.97 | 1.36 | 4.54 | 3.97 | 4.12 | 7.00 | 9.37 | 7.89 | 7.37 |
| Senegal | 0.15 | 0.17 | 0.24 | 0.24 | 0.26 | 0.38 | 0.48 | 0.51 | 0.57 |
| South Africa | 8.87 | 9.53 | 8.55 | 10.30 | 12.26 | 12.60 | 14.99 | 15.24 | 15.98 |
| Sudan | 0.67 | 0.80 | 0.75 | 1.29 | 0.91 | 0.90 | 1.89 | 2.20 | 2.07 |
| United Rep. of Tanzania | 0.24 | 0.27 | 0.23 | 0.23 | 0.30 | 0.41 | 0.88 | 0.94 | 1.01 |
| Togo | 0.07 | 0.07 | 0.11 | 0.14 | 0.13 | 0.14 | 0.21 | 0.19 | 0.21 |
| Tunisia | 0.29 | 0.35 | 0.58 | 0.83 | 1.06 | 1.34 | 1.54 | 1.53 | 1.60 |
| Zambia | 0.21 | 0.25 | 0.29 | 0.26 | 0.27 | 0.24 | 0.31 | 0.32 | 0.34 |
| Zimbabwe | 0.61 | 0.68 | 0.57 | 0.65 | 0.72 | 0.64 | 0.43 | 0.41 | 0.39 |
| Other Africa | 0.67 | 0.82 | 1.11 | 1.92 | 2.13 | 2.39 | 2.76 | 2.85 | 2.99 |
| Africa | 18.15 | 20.89 | 27.74 | 36.77 | 43.18 | 52.18 | 63.37 | 64.82 | 68.10 |
| Argentina | 8.09 | 8.82 | 10.47 | 9.55 | 13.21 | 14.00 | 14.23 | 14.98 | 14.62 |
| Bolivia | 0.33 | 0.39 | 0.71 | 0.73 | 0.91 | 0.95 | 1.22 | 1.32 | 1.55 |
| Brazil | 14.40 | 19.07 | 25.67 | 32.74 | 41.07 | 48.20 | 53.00 | 53.90 | 58.29 |
| Chile | 2.01 | 1.84 | 2.09 | 3.42 | 5.13 | 6.63 | 7.55 | 7.70 | 8.22 |
| Colombia | 2.25 | 2.58 | 3.98 | 5.72 | 6.93 | 6.30 | 6.72 | 7.17 | 7.27 |
| Costa Rica | 0.23 | 0.28 | 0.44 | 0.53 | 0.88 | 1.01 | 1.36 | 1.34 | 1.44 |
| Cuba | 1.52 | 1.88 | 2.17 | 1.66 | 0.68 | 0.73 | 0.36 | 0.32 | 0.31 |
| Dominican Republic | 0.48 | 0.53 | 0.60 | 0.93 | 1.34 | 2.27 | 1.96 | 1.97 | 2.01 |
| Ecuador | 0.62 | 0.70 | 1.34 | 2.30 | 2.49 | 3.13 | 3.47 | 3.87 | 4.26 |
| El Salvador | 0.19 | 0.22 | 0.29 | 0.42 | 0.70 | 0.84 | 0.97 | 0.93 | 0.92 |
| Guatemala | 0.23 | 0.32 | 0.45 | 0.59 | 0.96 | 1.37 | 1.63 | 1.67 | 2.00 |
| Haiti | 0.05 | 0.06 | 0.10 | 0.14 | 0.17 | 0.24 | 0.39 | 0.40 | 0.44 |
| Honduras | 0.15 | 0.18 | 0.21 | 0.35 | 0.52 | 0.70 | 0.75 | 0.75 | 1.06 |
| Jamaica | 0.54 | 0.54 | 0.29 | 0.37 | 0.48 | 0.66 | 0.75 | 0.94 | 1.00 |
| Netherlands Antilles | 0.49 | 0.45 | 0.51 | 0.29 | 0.37 | 0.39 | 0.41 | 0.42 | 0.42 |
| Nicaragua | 0.23 | 0.28 | 0.29 | 0.25 | 0.37 | 0.48 | 0.47 | 0.49 | 0.54 |
| Panama | 0.27 | 0.31 | 0.34 | 0.39 | 0.58 | 0.70 | 0.90 | 1.00 | 0.98 |
| Paraguay | 0.14 | 0.18 | 0.37 | 0.56 | 0.98 | 0.92 | 1.01 | 1.07 | 1.15 |
| Peru | 1.65 | 1.98 | 1.96 | 2.29 | 2.68 | 3.03 | 3.17 | 3.42 | 3.59 |
| Trinidad and Tobago | 0.25 | 0.38 | 0.48 | 0.46 | 0.45 | 0.55 | 0.67 | 0.72 | 0.73 |
| Uruguay | 0.57 | 0.59 | 0.55 | 0.50 | 0.73 | 0.83 | 0.74 | 0.78 | 0.84 |
| Venezuela | 4.09 | 4.96 | 9.19 | 9.74 | 11.43 | 11.69 | 14.13 | 14.91 | 15.36 |
| Other Latin America | 0.09 | 0.10 | 0.34 | 0.63 | 0.76 | 1.57 | 1.75 | 1.78 | 1.84 |
| Latin America | 38.88 | 46.61 | 62.85 | 74.52 | 93.80 | 107.20 | 117.61 | 121.84 | 128.84 |

Starting with this edition, international aviation bunkers are no longer included in the transport sector at the country level. They are subtracted out of supply in the same way as international marine bunkers. Time series for countries' consumption may have significantly decreased compared to last year's edition. Includes non-energy use in transport.

Total consumption of energy in transport (Mtoe)
Consommation totale d'énergie dans les transports (Mtep)

Gesamtenergieverbrauch im Verkehrssektor (Mtoe)

Consumo totale di energia nel settore dei trasporti (Mtep)

運輸部門のエネルギー総消費量（石油換算百万トン）

Consumo total de energía en el transporte (Mtep)

Общее потребление топлива и энергии в транспорте (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bangladesh | 0.08 | 0.08 | 0.32 | 0.54 | 0.87 | 1.00 | 1.47 | 1.52 | 1.64 |
| Brunei Darussalam | 0.03 | 0.03 | 0.11 | 0.19 | 0.26 | 0.27 | 0.32 | 0.35 | 0.38 |
| Cambodia | .. | .. | .. | .. | 0.27 | 0.29 | 0.42 | 0.39 | 0.39 |
| Chinese Taipei | 0.79 | 1.21 | 2.86 | 6.68 | 9.83 | 11.51 | 12.77 | 12.69 | 12.29 |
| India | 13.74 | 13.40 | 16.92 | 26.56 | 35.04 | 31.27 | 33.71 | 37.05 | 40.81 |
| Indonesia | 2.69 | 3.08 | 5.95 | 10.71 | 16.37 | 21.27 | 24.97 | 24.48 | 24.36 |
| DPR of Korea | 0.59 | 0.67 | 1.84 | 1.56 | 0.84 | 0.56 | 0.43 | 0.33 | 0.40 |
| Malaysia | 1.36 | 1.56 | 2.18 | 4.84 | 6.66 | 10.50 | 13.37 | 12.67 | 13.68 |
| Mongolia | .. | .. | .. | 0.52 | 0.27 | 0.33 | 0.39 | 0.44 | 0.53 |
| Myanmar | 0.49 | 0.41 | 0.60 | 0.42 | 0.85 | 1.11 | 1.29 | 1.23 | 1.30 |
| Nepal | 0.02 | 0.02 | 0.05 | 0.11 | 0.20 | 0.27 | 0.27 | 0.28 | 0.29 |
| Pakistan | 1.04 | 1.09 | 2.21 | 4.50 | 6.59 | 8.23 | 8.92 | 9.14 | 11.08 |
| Philippines | 3.01 | 3.31 | 3.48 | 4.59 | 7.34 | 8.24 | 8.42 | 7.84 | 8.67 |
| Singapore | 0.51 | 0.60 | 0.95 | 1.36 | 1.88 | 1.99 | 2.18 | 2.31 | 2.45 |
| Sri Lanka | 0.45 | 0.54 | 0.68 | 0.82 | 1.21 | 1.68 | 2.07 | 1.97 | 2.13 |
| Thailand | 1.90 | 2.39 | 3.21 | 9.03 | 15.44 | 14.61 | 18.65 | 17.96 | 18.19 |
| Vietnam | 0.97 | 0.97 | 0.65 | 1.41 | 2.48 | 3.66 | 6.80 | 7.31 | 7.84 |
| Other Asia | 0.37 | 0.36 | 0.88 | 0.89 | 0.95 | 0.90 | 1.20 | 1.20 | 1.36 |
| Asia | 28.04 | 29.70 | 42.90 | 74.74 | 107.38 | 117.70 | 137.66 | 139.17 | 147.79 |
| People's Rep. of China | 13.63 | 16.52 | 24.54 | 37.00 | 50.25 | 73.07 | 112.13 | 125.03 | 139.05 |
| Hong Kong, China | 0.42 | 0.50 | 0.86 | 1.47 | 2.42 | 3.72 | 1.71 | 1.46 | 1.45 |
| China | 14.06 | 17.02 | 25.40 | 38.47 | 52.66 | 76.79 | 113.84 | 126.48 | 140.49 |
| Albania | 0.24 | 0.26 | 0.49 | 0.23 | 0.21 | 0.48 | 0.78 | 0.63 | 0.69 |
| Bosnia and Herzegovina | .. | .. | .. | 0.73 | 0.37 | 0.75 | 0.77 | 0.83 | 0.88 |
| Bulgaria | 1.68 | 1.59 | 1.51 | 2.28 | 1.49 | 1.91 | 2.61 | 2.83 | 2.77 |
| Croatia | .. | .. | .. | 1.39 | 1.16 | 1.53 | 1.90 | 2.02 | 2.16 |
| Cyprus | 0.20 | 0.25 | 0.21 | 0.39 | 0.49 | 0.58 | 0.68 | 0.62 | 0.66 |
| Gibraltar | 0.01 | 0.01 | 0.01 | 0.03 | 0.07 | 0.08 | 0.09 | 0.09 | 0.10 |
| FYR of Macedonia | .. | .. | .. | 0.26 | 0.30 | 0.34 | 0.35 | 0.35 | 0.40 |
| Malta | 0.07 | 0.08 | 0.09 | 0.15 | 0.23 | 0.15 | 0.19 | 0.17 | 0.18 |
| Romania | 2.66 | 2.84 | 2.54 | 4.15 | 2.92 | 3.38 | 4.18 | 4.29 | 4.62 |
| Serbia | .. | .. | .. | 1.52 | 0.93 | 0.80 | 1.79 | 1.77 | 1.85 |
| Slovenia | .. | .. | .. | 0.90 | 1.31 | 1.21 | 1.45 | 1.53 | 1.72 |
| Former Yugoslavia | 3.93 | 3.82 | 4.44 | x | x | x | x | x | x |
| Non-OECD Europe | 8.80 | 8.84 | 9.28 | 12.04 | 9.48 | 11.20 | 14.80 | 15.14 | 16.04 |
| Armenia | .. | .. | .. | 1.05 | 0.05 | 0.21 | 0.23 | 0.22 | 0.19 |
| Azerbaijan | .. | .. | .. | 1.16 | 1.09 | 0.74 | 1.83 | 1.62 | 1.33 |
| Belarus | .. | .. | .. | 3.50 | 2.08 | 1.95 | 2.00 | 2.21 | 2.30 |
| Estonia | .. | .. | .. | 0.82 | 0.48 | 0.56 | 0.73 | 0.77 | 0.82 |
| Georgia | .. | .. | .. | 1.39 | 0.37 | 0.36 | 0.55 | 0.56 | 0.71 |
| Kazakhstan | .. | .. | .. | 5.45 | 3.44 | 3.43 | 3.52 | 3.83 | 4.40 |
| Kyrgyzstan | .. | .. | .. | 1.14 | 0.32 | 0.22 | 0.43 | 0.38 | 0.42 |
| Latvia | .. | .. | .. | 1.09 | 0.71 | 0.74 | 1.04 | 1.14 | 1.28 |
| Lithuania | .. | .. | .. | 1.87 | 1.01 | 1.05 | 1.41 | 1.51 | 1.77 |
| Republic of Moldova | .. | .. | .. | 0.84 | 0.39 | 0.19 | 0.32 | 0.34 | 0.38 |
| Russian Federation | .. | .. | .. | 115.87 | 76.14 | 74.48 | 88.56 | 91.53 | 92.50 |
| Tajikistan | .. | .. | .. | 0.56 | 1.05 | 0.71 | 1.18 | 1.34 | 1.51 |
| Turkmenistan | .. | .. | .. | 0.93 | 0.49 | 0.69 | 0.81 | 0.82 | 0.91 |
| Ukraine | .. | .. | .. | 19.45 | 12.77 | 10.44 | 11.78 | 11.67 | 12.36 |
| Uzbekistan | .. | .. | .. | 2.08 | 2.81 | 3.90 | 3.42 | 3.34 | 3.30 |
| Former Soviet Union | 65.48 | 73.23 | 97.65 | 157.21 | 103.21 | 99.65 | 117.81 | 121.31 | 124.18 |

Starting with this edition, international aviation bunkers are no longer included in the transport sector at the country level. They are subtracted out of supply in the same way as international marine bunkers. Time series for countries' consumption may have significantly decreased compared to last year's edition. Includes non-energy use in transport.

Total consumption of energy in transport (Mtoe)
Consommation totale d'énergie dans les transports (Mtep)

Gesamtenergieverbrauch im Verkehrssektor (Mtoe)

Consumo totale di energia nel settore dei trasporti (Mtep)

運輸部門のエネルギー総消費量（石油換算百万トン）

Consumo total de energía en el transporte (Mtep)

Общее потребление топлива и энергии в транспорте (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bahrain | 0.06 | 0.08 | 0.21 | 0.34 | 0.42 | 0.52 | 0.84 | 0.87 | 0.94 |
| Islamic Republic of Iran | 2.50 | 3.44 | 7.12 | 13.03 | 18.51 | 24.22 | 34.24 | 36.46 | 35.29 |
| Iraq | 0.82 | 0.98 | 3.33 | 6.24 | 6.87 | 7.56 | 9.01 | 9.47 | 9.80 |
| Israel | 1.06 | 1.15 | 1.39 | 2.21 | 2.91 | 3.37 | 3.39 | 3.44 | 3.62 |
| Jordan | 0.18 | 0.25 | 0.53 | 0.89 | 0.99 | 1.19 | 1.60 | 1.58 | 1.70 |
| Kuwait | 0.75 | 0.85 | 1.50 | 1.27 | 1.83 | 2.02 | 2.76 | 3.18 | 3.28 |
| Lebanon | 0.43 | 0.55 | 0.64 | 0.64 | 1.44 | 1.37 | 1.38 | 1.32 | 1.03 |
| Oman | 0.03 | 0.04 | 0.22 | 0.58 | 0.75 | 0.90 | 1.25 | 1.41 | 1.59 |
| Qatar | 0.08 | 0.11 | 0.35 | 0.50 | 0.66 | 0.81 | 1.57 | 1.88 | 1.96 |
| Saudi Arabia | 1.11 | 1.45 | 6.59 | 16.46 | 18.02 | 20.29 | 25.08 | 27.36 | 30.35 |
| Syrian Arab Republic | 0.73 | 0.85 | 1.84 | 3.17 | 3.87 | 4.33 | 4.11 | 4.39 | 4.18 |
| United Arab Emirates | 0.14 | 0.26 | 2.30 | 3.72 | 4.33 | 4.92 | 7.38 | 7.75 | 8.15 |
| Yemen | 0.22 | 0.41 | 0.76 | 1.35 | 1.35 | 1.49 | 1.97 | 2.04 | 1.87 |
| Middle East | 8.11 | 10.43 | 26.77 | 50.38 | 61.95 | 73.00 | 94.59 | 101.14 | 103.76 |
| Non-OECD Total | 181.52 | 206.72 | 292.60 | 444.13 | 471.66 | 537.72 | 659.67 | 689.89 | 729.21 |
| <i>European Union - 27</i> | .. | .. | .. | 261.81 | 277.22 | 306.23 | 326.90 | 332.46 | 337.50 |
| OECD North America | 416.14 | 464.12 | 496.43 | 565.28 | 612.96 | 680.65 | 729.28 | 736.32 | 744.66 |
| OECD Pacific | 51.03 | 58.50 | 78.12 | 111.32 | 138.99 | 148.51 | 148.02 | 146.64 | 145.98 |
| OECD Europe | 155.89 | 176.00 | 210.71 | 268.33 | 289.76 | 318.90 | 338.20 | 345.14 | 351.63 |
| OECD Total | 623.07 | 698.62 | 785.25 | 944.94 | 1 041.71 | 1 148.05 | 1 215.51 | 1 228.11 | 1 242.27 |
| World marine bunkers | 107.98 | 119.45 | 107.89 | 112.46 | 126.56 | 146.68 | 172.71 | 182.35 | 191.64 |
| World aviation bunkers | 56.86 | 62.65 | 67.69 | 85.59 | 95.99 | 116.10 | 131.98 | 135.04 | 138.90 |
| World | 969.43 | 1 087.43 | 1 253.42 | 1 587.11 | 1 735.92 | 1 948.55 | 2 179.86 | 2 235.38 | 2 302.02 |

Starting with this edition, international aviation bunkers are no longer included in the transport sector at the country level. They are subtracted out of supply in the same way as international marine bunkers. Time series for countries' consumption may have significantly decreased compared to last year's edition. Includes non-energy use in transport.

Other sectors' consumption of coal and peat (Mtoe)
Consommation de charbon et de tourbe des autres secteurs (Mtep)

Kohle- und Torfverbrauch in restlichen Sektoren (Mtoe)

Consumo di carbone e torba negli altri settori (Mtep)

他の部門の石炭及び泥炭消費量 (石油換算百万トン)

Consumo de carbón y turba de otros sectores (Mtep)

Потребление угля и торфа другими секторами (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|------------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|
| Botswana | .. | .. | .. | 0.004 | 0.005 | 0.029 | 0.003 | 0.003 | 0.003 |
| DR of Congo | - | - | 0.049 | 0.054 | 0.059 | 0.062 | 0.071 | 0.073 | 0.076 |
| Egypt | 0.028 | 0.020 | 0.042 | - | - | - | - | - | - |
| Kenya | - | - | - | - | 0.001 | - | - | - | - |
| Morocco | 0.021 | 0.011 | - | - | - | - | 0.017 | - | 0.020 |
| Nigeria | 0.006 | 0.006 | 0.006 | - | - | - | - | - | - |
| South Africa | 3.217 | 3.209 | 2.311 | 2.419 | 2.813 | 1.535 | 4.748 | 5.379 | 5.439 |
| Zambia | 0.012 | 0.012 | 0.022 | 0.021 | 0.027 | 0.006 | 0.008 | 0.008 | 0.009 |
| Zimbabwe | 0.198 | 0.239 | 0.303 | 0.436 | 0.429 | 0.531 | 0.247 | 0.235 | 0.220 |
| Other Africa | 0.099 | 0.105 | 0.035 | 0.054 | 0.127 | 0.061 | 0.026 | 0.038 | 0.040 |
| Africa | 3.580 | 3.601 | 2.766 | 2.988 | 3.461 | 2.224 | 5.120 | 5.737 | 5.806 |
| Brazil | 0.051 | 0.058 | 0.127 | 0.116 | 0.071 | 0.151 | 0.170 | 0.159 | 0.156 |
| Chile | 0.066 | 0.058 | 0.017 | 0.057 | 0.038 | 0.013 | 0.015 | 0.018 | 0.011 |
| Colombia | 0.153 | 0.151 | 0.161 | 0.123 | 0.133 | 0.071 | 0.064 | 0.062 | 0.062 |
| Costa Rica | - | - | - | - | - | - | 0.001 | - | - |
| Peru | - | - | - | 0.007 | 0.008 | 0.008 | 0.005 | 0.005 | 0.005 |
| Other Latin America | 0.023 | 0.028 | 0.017 | 0.001 | 0.001 | 0.001 | 0.002 | 0.003 | 0.003 |
| Latin America | 0.293 | 0.295 | 0.322 | 0.304 | 0.250 | 0.243 | 0.257 | 0.247 | 0.237 |
| Bangladesh | 0.002 | 0.002 | - | - | - | - | - | - | - |
| Chinese Taipei | 0.214 | 0.166 | 0.091 | 0.006 | - | 0.001 | - | - | - |
| India | 6.067 | 6.142 | 7.269 | 10.671 | 11.237 | 8.309 | 9.741 | 9.899 | 10.284 |
| Indonesia | - | - | - | - | 0.002 | 0.009 | 0.013 | 0.017 | 0.014 |
| DPR of Korea | 2.942 | 3.033 | 4.215 | 4.145 | 3.515 | 3.437 | 3.631 | 3.726 | 3.037 |
| Mongolia | .. | .. | .. | 0.418 | 0.197 | 0.175 | 0.222 | 0.254 | 0.223 |
| Myanmar | - | - | - | - | - | 0.012 | 0.014 | 0.024 | 0.024 |
| Nepal | - | - | - | - | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| Pakistan | 0.098 | 0.033 | 0.017 | 0.003 | 0.001 | 0.000 | - | 0.001 | 0.001 |
| Vietnam | 0.957 | 1.011 | 0.518 | 0.291 | 0.664 | 0.884 | 1.216 | 1.352 | 1.357 |
| Other Asia | 0.239 | 0.161 | 0.026 | 0.026 | - | - | - | - | - |
| Asia | 10.517 | 10.548 | 12.136 | 15.560 | 15.617 | 12.829 | 14.838 | 15.273 | 14.940 |
| People's Rep. of China | 48.604 | 52.006 | 71.907 | 108.552 | 96.229 | 60.785 | 67.379 | 65.984 | 64.368 |
| China | 48.604 | 52.006 | 71.907 | 108.552 | 96.229 | 60.785 | 67.379 | 65.984 | 64.368 |
| Albania | 0.095 | 0.108 | 0.173 | 0.410 | 0.018 | 0.002 | 0.004 | 0.004 | 0.006 |
| Bosnia and Herzegovina | .. | .. | .. | 1.284 | 0.107 | 0.029 | 0.271 | 0.271 | 0.270 |
| Bulgaria | 0.882 | 1.173 | 1.022 | 0.747 | 0.501 | 0.243 | 0.245 | 0.263 | 0.224 |
| Croatia | .. | .. | .. | 0.125 | 0.013 | 0.014 | 0.011 | 0.009 | 0.005 |
| Cyprus | - | - | - | - | - | - | 0.000 | 0.000 | 0.000 |
| FYR of Macedonia | .. | .. | .. | 0.007 | 0.008 | 0.005 | 0.014 | 0.016 | 0.005 |
| Romania | 0.740 | 0.784 | 2.216 | 0.920 | 0.067 | 0.046 | 0.024 | 0.019 | 0.016 |
| Serbia | .. | .. | .. | 0.570 | 0.293 | 0.553 | 0.512 | 0.548 | 0.594 |
| Slovenia | .. | .. | .. | 0.109 | 0.041 | 0.005 | - | - | - |
| Former Yugoslavia | 1.064 | 0.908 | 0.997 | x | x | x | x | x | x |
| Non-OECD Europe | 2.780 | 2.973 | 4.407 | 4.171 | 1.049 | 0.897 | 1.081 | 1.130 | 1.121 |

Includes residential, commercial/public services, agriculture, forestry, fishing, non-specified other sectors, and non-energy use in other sectors.

Other sectors' consumption of coal and peat (Mtoe)
Consommation de charbon et de tourbe des autres secteurs (Mtep)

Kohle- und Torfverbrauch in restlichen Sektoren (Mtoe)

Consumo di carbone e torba negli altri settori (Mtep)

他の部門の石炭及び泥炭消費量 (石油換算百万トン)

Consumo de carbón y turba de otros sectores (Mtep)

Потребление угля и торфа другими секторами (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Armenia | .. | .. | .. | 0.245 | 0.001 | - | - | 0.000 | 0.001 |
| Azerbaijan | .. | .. | .. | 0.089 | - | - | - | - | - |
| Belarus | .. | .. | .. | 1.738 | 0.992 | 0.537 | 0.322 | 0.329 | 0.293 |
| Estonia | .. | .. | .. | 0.337 | 0.039 | 0.035 | 0.031 | 0.023 | 0.016 |
| Georgia | .. | .. | .. | 0.052 | 0.006 | 0.008 | 0.004 | 0.004 | 0.012 |
| Kazakhstan | .. | .. | .. | - | - | 0.006 | 0.040 | 0.281 | 0.209 |
| Latvia | .. | .. | .. | 0.250 | 0.104 | 0.045 | 0.047 | 0.045 | 0.044 |
| Lithuania | .. | .. | .. | 0.702 | 0.204 | 0.074 | 0.095 | 0.127 | 0.108 |
| Republic of Moldova | .. | .. | .. | 0.669 | 0.172 | 0.053 | 0.070 | 0.079 | 0.055 |
| Russian Federation | .. | .. | .. | 39.111 | 11.197 | 9.492 | 5.407 | 5.387 | 4.361 |
| Tajikistan | .. | .. | .. | 0.627 | 0.016 | 0.012 | 0.046 | 0.049 | 0.076 |
| Turkmenistan | .. | .. | .. | 0.297 | - | - | - | - | - |
| Ukraine | .. | .. | .. | 7.555 | 4.840 | 2.672 | 2.262 | 2.201 | 1.745 |
| Uzbekistan | .. | .. | .. | 1.269 | 0.244 | 0.117 | 0.127 | 0.132 | 0.139 |
| Former Soviet Union | 56.060 | 59.712 | 67.272 | 52.941 | 17.816 | 13.052 | 8.450 | 8.656 | 7.060 |
| Islamic Republic of Iran | - | - | - | - | 0.019 | 0.019 | 0.019 | 0.009 | 0.009 |
| Middle East | - | - | - | - | 0.019 | 0.019 | 0.019 | 0.009 | 0.009 |
| Non-OECD Total | 121.836 | 129.134 | 158.811 | 184.515 | 134.440 | 90.048 | 97.143 | 97.036 | 93.539 |
| <i>European Union - 27</i> | .. | .. | .. | 49.805 | 25.080 | 12.933 | 11.208 | 12.746 | 11.224 |
| OECD North America | 17.577 | 13.994 | 8.021 | 9.599 | 2.855 | 2.305 | 2.549 | 1.579 | 1.769 |
| OECD Pacific | 7.594 | 8.300 | 9.410 | 9.865 | 2.236 | 1.336 | 1.783 | 1.935 | 1.812 |
| OECD Europe | 84.712 | 73.806 | 67.917 | 49.765 | 26.591 | 14.515 | 13.270 | 14.813 | 13.621 |
| OECD Total | 109.883 | 96.099 | 85.347 | 69.228 | 31.682 | 18.156 | 17.602 | 18.327 | 17.202 |
| World | 231.718 | 225.233 | 244.157 | 253.744 | 166.122 | 108.204 | 114.745 | 115.363 | 110.741 |

Includes residential, commercial/public services, agriculture, forestry, fishing, non-specified other sectors, and non-energy use in other sectors.

Other sectors' consumption of oil (Mtoe)
Consommation de pétrole des autres secteurs (Mtep)

Ölverbrauch in restlichen Sektoren (Mtoe)

Consumo di petrolio negli altri settori (Mtep)

他の部門の石油消費量（石油換算百万トン）

Consumo de petróleo de otros sectores (Mtep)

Потребление нефти и нефтепродуктов другими секторами (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 0.559 | 0.793 | 1.577 | 2.851 | 2.584 | 2.825 | 3.826 | 3.872 | 3.992 |
| Angola | 0.042 | 0.050 | 0.228 | 0.221 | 0.225 | 0.348 | 0.315 | 0.611 | 0.906 |
| Benin | 0.014 | 0.020 | 0.030 | 0.012 | 0.014 | 0.100 | 0.308 | 0.319 | 0.328 |
| Botswana | .. | .. | .. | 0.042 | 0.045 | 0.065 | 0.061 | 0.061 | 0.061 |
| Cameroon | 0.019 | 0.015 | 0.084 | 0.231 | 0.191 | 0.238 | 0.167 | 0.143 | 0.137 |
| Congo | 0.014 | 0.015 | 0.018 | 0.025 | 0.027 | 0.023 | 0.019 | 0.021 | 0.024 |
| DR of Congo | 0.345 | 0.384 | 0.495 | 0.399 | 0.209 | 0.248 | 0.252 | 0.252 | 0.252 |
| Côte d'Ivoire | 0.093 | 0.091 | 0.182 | 0.144 | 0.161 | 0.190 | 0.250 | 0.317 | 0.278 |
| Egypt | 1.391 | 1.526 | 2.558 | 3.206 | 2.782 | 3.720 | 5.719 | 5.926 | 6.447 |
| Eritrea | .. | .. | .. | .. | 0.039 | 0.069 | 0.065 | 0.057 | 0.057 |
| Ethiopia | 0.028 | 0.035 | 0.055 | 0.132 | 0.138 | 0.171 | 0.241 | 0.254 | 0.278 |
| Gabon | - | 0.014 | 0.029 | 0.049 | 0.065 | 0.060 | 0.079 | 0.079 | 0.094 |
| Ghana | 0.126 | 0.145 | 0.139 | 0.185 | 0.207 | 0.303 | 0.349 | 0.431 | 0.518 |
| Kenya | 0.201 | 0.231 | 0.293 | 0.326 | 0.358 | 0.472 | 0.432 | 0.500 | 0.512 |
| Libyan Arab Jamahiriya | 0.126 | 0.128 | 0.267 | 0.471 | 0.706 | 0.869 | 0.892 | 0.893 | 0.922 |
| Morocco | 0.365 | 0.433 | 0.778 | 1.072 | 1.663 | 2.024 | 2.539 | 2.684 | 2.899 |
| Mozambique | 0.184 | 0.189 | 0.283 | 0.076 | 0.065 | 0.113 | 0.066 | 0.062 | 0.067 |
| Namibia | .. | .. | .. | .. | 0.335 | 0.164 | 0.260 | 0.267 | 0.280 |
| Nigeria | 0.291 | 0.377 | 1.192 | 1.403 | 1.272 | 1.346 | 1.867 | 1.827 | 1.495 |
| Senegal | 0.024 | 0.025 | 0.038 | 0.101 | 0.112 | 0.148 | 0.189 | 0.178 | 0.141 |
| South Africa | 1.455 | 1.486 | 1.312 | 1.562 | 2.225 | 1.812 | 2.454 | 2.348 | 2.444 |
| Sudan | 0.105 | 0.083 | 0.041 | 0.051 | 0.067 | 0.158 | 0.341 | 0.268 | 0.286 |
| United Rep. of Tanzania | 0.064 | 0.081 | 0.094 | 0.115 | 0.209 | 0.116 | 0.183 | 0.197 | 0.210 |
| Togo | 0.019 | 0.013 | 0.012 | 0.019 | 0.021 | 0.050 | 0.063 | 0.044 | 0.044 |
| Tunisia | 0.269 | 0.305 | 0.453 | 0.736 | 0.993 | 1.118 | 1.238 | 1.153 | 1.146 |
| Zambia | 0.072 | 0.091 | 0.090 | 0.084 | 0.061 | 0.051 | 0.051 | 0.051 | 0.051 |
| Zimbabwe | 0.110 | 0.133 | 0.117 | 0.229 | 0.371 | 0.229 | 0.161 | 0.160 | 0.161 |
| Other Africa | 1.523 | 1.611 | 1.884 | 1.241 | 1.586 | 1.183 | 1.280 | 1.196 | 1.253 |
| Africa | 7.439 | 8.273 | 12.250 | 14.981 | 16.727 | 18.213 | 23.666 | 24.170 | 25.283 |
| Argentina | 3.515 | 3.947 | 4.279 | 3.413 | 3.867 | 3.791 | 4.636 | 5.093 | 4.017 |
| Bolivia | 0.123 | 0.150 | 0.276 | 0.387 | 0.742 | 0.612 | 0.680 | 0.456 | 0.696 |
| Brazil | 2.668 | 3.553 | 5.949 | 9.472 | 11.390 | 12.393 | 11.729 | 11.752 | 12.280 |
| Chile | 0.792 | 0.939 | 0.749 | 0.952 | 1.353 | 1.416 | 1.200 | 1.162 | 1.297 |
| Colombia | 1.506 | 1.677 | 1.172 | 1.495 | 1.406 | 1.596 | 1.246 | 1.296 | 1.304 |
| Costa Rica | 0.029 | 0.031 | 0.038 | 0.051 | 0.113 | 0.230 | 0.129 | 0.141 | 0.135 |
| Cuba | 0.877 | 1.431 | 1.498 | 1.786 | 0.883 | 0.996 | 1.177 | 0.885 | 0.837 |
| Dominican Republic | 0.067 | 0.073 | 0.099 | 0.353 | 0.604 | 1.002 | 0.900 | 0.915 | 0.955 |
| Ecuador | 0.146 | 0.177 | 0.613 | 0.763 | 0.850 | 0.799 | 1.161 | 1.174 | 1.258 |
| El Salvador | 0.051 | 0.052 | 0.052 | 0.061 | 0.114 | 0.161 | 0.192 | 0.230 | 0.224 |
| Guatemala | 0.104 | 0.127 | 0.174 | 0.216 | 0.264 | 0.360 | 0.411 | 0.420 | 0.226 |
| Haiti | 0.007 | 0.006 | 0.013 | 0.027 | 0.033 | 0.080 | 0.093 | 0.095 | 0.080 |
| Honduras | 0.059 | 0.069 | 0.105 | 0.111 | 0.128 | 0.101 | 0.467 | 0.396 | 0.161 |
| Jamaica | 0.102 | 0.169 | 0.156 | 1.110 | 0.398 | 0.590 | 0.570 | 0.871 | 1.033 |
| Netherlands Antilles | 0.136 | 0.113 | 0.134 | 0.077 | 0.098 | 0.064 | 0.068 | 0.069 | 0.070 |
| Nicaragua | 0.064 | 0.067 | 0.066 | 0.069 | 0.058 | 0.080 | 0.123 | 0.127 | 0.129 |
| Panama | 0.038 | 0.042 | 0.051 | 0.085 | 0.106 | 0.130 | 0.159 | 0.213 | 0.176 |
| Paraguay | 0.013 | 0.015 | 0.022 | 0.048 | 0.069 | 0.083 | 0.072 | 0.071 | 0.072 |
| Peru | 1.269 | 0.962 | 1.317 | 1.349 | 1.758 | 1.619 | 1.167 | 1.048 | 1.032 |
| Trinidad and Tobago | 0.048 | 0.065 | 0.064 | 0.053 | 0.056 | 0.067 | 0.069 | 0.096 | 0.096 |
| Uruguay | 0.313 | 0.302 | 0.374 | 0.331 | 0.378 | 0.397 | 0.338 | 0.341 | 0.359 |
| Venezuela | 0.717 | 0.839 | 0.953 | 1.439 | 1.378 | 1.260 | 1.616 | 1.628 | 1.533 |
| Other Latin America | 1.258 | 1.859 | 1.095 | 1.626 | 1.491 | 0.792 | 0.937 | 0.947 | 1.211 |
| Latin America | 13.901 | 16.665 | 19.246 | 25.272 | 27.534 | 28.615 | 29.140 | 29.425 | 29.182 |

Includes residential, commercial/public services, agriculture, forestry, fishing, non-specified other sectors, and non-energy use in other sectors.

Other sectors' consumption of oil (Mtoe)
Consommation de pétrole des autres secteurs (Mtep)

Ölverbrauch in restlichen Sektoren (Mtoe)

Consumo di petrolio negli altri settori (Mtep)

他の部門の石油消費量 (石油換算百万トン)

Consumo de petróleo de otros sectores (Mtep)

Потребление нефти и нефтепродуктов другими секторами (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bangladesh | 0.288 | 0.242 | 0.508 | 0.758 | 0.839 | 1.005 | 1.470 | 1.095 | 1.185 |
| Brunei Darussalam | 0.007 | 0.007 | 0.010 | 0.017 | 0.021 | 0.022 | 0.019 | 0.018 | 0.019 |
| Cambodia | .. | .. | .. | .. | 0.082 | 0.244 | 0.461 | 0.538 | 0.556 |
| Chinese Taipei | 1.017 | 1.381 | 2.101 | 3.038 | 2.595 | 2.972 | 3.198 | 2.890 | 2.687 |
| India | 4.822 | 4.855 | 6.137 | 12.160 | 15.701 | 22.244 | 26.666 | 28.345 | 29.534 |
| Indonesia | 2.172 | 2.824 | 5.980 | 7.715 | 9.655 | 13.226 | 12.944 | 12.372 | 12.105 |
| DPR of Korea | 0.031 | 0.037 | 0.216 | 0.178 | 0.090 | 0.028 | 0.034 | 0.026 | 0.031 |
| Malaysia | 0.139 | 0.182 | 0.438 | 0.750 | 1.445 | 1.504 | 1.640 | 1.849 | 1.916 |
| Mongolia | .. | .. | .. | 0.031 | 0.009 | 0.015 | 0.023 | 0.026 | 0.032 |
| Myanmar | 0.306 | 0.260 | 0.097 | 0.003 | 0.183 | 0.173 | 0.219 | 0.203 | 0.204 |
| Nepal | 0.023 | 0.037 | 0.046 | 0.117 | 0.252 | 0.380 | 0.407 | 0.416 | 0.425 |
| Pakistan | 1.331 | 1.395 | 1.512 | 1.781 | 1.241 | 1.269 | 1.008 | 0.985 | 0.997 |
| Philippines | 1.036 | 1.072 | 1.272 | 1.184 | 1.767 | 2.397 | 1.911 | 1.810 | 1.503 |
| Singapore | 0.093 | 0.069 | 0.073 | 0.043 | - | - | 0.038 | 0.040 | 0.041 |
| Sri Lanka | 0.283 | 0.288 | 0.195 | 0.213 | 0.315 | 0.497 | 0.377 | 0.402 | 0.369 |
| Thailand | 1.031 | 1.244 | 1.817 | 2.743 | 2.942 | 4.444 | 5.115 | 5.355 | 5.683 |
| Vietnam | 2.486 | 2.738 | 0.575 | 0.486 | 0.833 | 1.365 | 2.158 | 2.106 | 2.065 |
| Other Asia | 0.777 | 0.988 | 0.921 | 0.984 | 0.729 | 0.390 | 0.454 | 0.559 | 0.637 |
| Asia | 15.841 | 17.615 | 21.895 | 32.200 | 38.698 | 52.174 | 58.141 | 59.035 | 59.990 |
| People's Rep. of China | 8.550 | 10.352 | 13.287 | 17.800 | 30.329 | 44.235 | 61.271 | 65.108 | 66.491 |
| Hong Kong, China | 0.304 | 0.200 | 0.270 | 0.283 | 0.245 | 0.215 | 0.434 | 0.455 | 0.457 |
| China | 8.854 | 10.552 | 13.557 | 18.083 | 30.574 | 44.451 | 61.705 | 65.563 | 66.948 |
| Albania | 0.107 | 0.148 | 0.082 | 0.095 | 0.079 | 0.263 | 0.413 | 0.345 | 0.293 |
| Bosnia and Herzegovina | .. | .. | .. | 0.077 | 0.101 | 0.308 | 0.215 | 0.215 | 0.215 |
| Bulgaria | 6.783 | 7.295 | 6.140 | 1.501 | 0.635 | 0.377 | 0.305 | 0.331 | 0.279 |
| Croatia | .. | .. | .. | 0.799 | 0.568 | 0.703 | 0.706 | 0.657 | 0.590 |
| Cyprus | 0.041 | 0.045 | 0.049 | 0.066 | 0.074 | 0.083 | 0.184 | 0.224 | 0.216 |
| FYR of Macedonia | .. | .. | .. | 0.221 | 0.147 | 0.114 | 0.183 | 0.157 | 0.153 |
| Malta | 0.034 | 0.041 | 0.030 | 0.033 | 0.038 | 0.031 | 0.023 | 0.024 | 0.024 |
| Romania | 5.200 | 6.076 | 8.581 | 1.883 | 1.001 | 0.872 | 1.524 | 0.956 | 1.259 |
| Serbia | .. | .. | .. | 0.359 | 0.160 | 0.091 | 0.109 | 0.118 | 0.552 |
| Slovenia | .. | .. | .. | 0.377 | 0.613 | 0.752 | 0.735 | 0.702 | 0.543 |
| Former Yugoslavia | 1.150 | 1.267 | 1.282 | x | x | x | x | x | x |
| Non-OECD Europe | 13.315 | 14.873 | 16.163 | 5.411 | 3.415 | 3.595 | 4.396 | 3.731 | 4.124 |
| Armenia | .. | .. | .. | 0.595 | 0.067 | 0.071 | 0.140 | 0.132 | 0.136 |
| Azerbaijan | .. | .. | .. | 3.070 | 0.799 | 0.453 | 0.514 | 0.306 | 0.763 |
| Belarus | .. | .. | .. | 3.078 | 1.501 | 1.381 | 1.723 | 2.041 | 2.041 |
| Estonia | .. | .. | .. | 0.420 | 0.144 | 0.091 | 0.112 | 0.093 | 0.099 |
| Georgia | .. | .. | .. | 0.704 | 0.220 | 0.237 | 0.107 | 0.118 | 0.147 |
| Kazakhstan | .. | .. | .. | 2.807 | 1.698 | 1.131 | 1.266 | 1.253 | 1.441 |
| Kyrgyzstan | .. | .. | .. | 1.911 | 0.222 | 0.224 | 0.175 | 0.187 | 0.246 |
| Latvia | .. | .. | .. | 0.548 | 0.200 | 0.164 | 0.188 | 0.204 | 0.191 |
| Lithuania | .. | .. | .. | 0.890 | 0.285 | 0.136 | 0.117 | 0.107 | 0.087 |
| Republic of Moldova | .. | .. | .. | 2.774 | 0.354 | 0.231 | 0.384 | 0.343 | 0.326 |
| Russian Federation | .. | .. | .. | 28.475 | 16.725 | 12.622 | 11.882 | 12.043 | 13.900 |
| Tajikistan | .. | .. | .. | 1.406 | 0.157 | 0.182 | 0.263 | 0.278 | 0.290 |
| Turkmenistan | .. | .. | .. | 4.024 | 1.820 | 1.992 | 2.334 | 2.337 | 2.592 |
| Ukraine | .. | .. | .. | 9.094 | 4.192 | 1.428 | 1.846 | 2.086 | 2.157 |
| Uzbekistan | .. | .. | .. | 3.443 | 2.592 | 1.364 | 1.094 | 1.024 | 0.993 |
| Former Soviet Union | 48.388 | 53.666 | 70.749 | 63.239 | 30.975 | 21.707 | 22.143 | 22.549 | 25.411 |

Includes residential, commercial/public services, agriculture, forestry, fishing, non-specified other sectors, and non-energy use in other sectors.

Other sectors' consumption of oil (Mtoe)
Consommation de pétrole des autres secteurs (Mtep)

Ölverbrauch in restlichen Sektoren (Mtoe)

Consumo di petrolio negli altri settori (Mtep)

他の部門の石油消費量 (石油換算百万トン)

Consumo de petróleo de otros sectores (Mtep)

Потребление нефти и нефтепродуктов другими секторами (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Bahrain | 0.016 | 0.013 | 0.024 | 0.045 | 0.055 | 0.063 | 0.083 | 0.068 | 0.071 |
| Islamic Republic of Iran | 3.894 | 5.226 | 9.386 | 15.307 | 19.144 | 17.865 | 15.945 | 15.986 | 16.331 |
| Iraq | 0.726 | 0.729 | 1.403 | 1.780 | 2.340 | 2.836 | 3.245 | 3.469 | 3.662 |
| Israel | 0.559 | 0.631 | 0.613 | 1.113 | 1.970 | 2.414 | 2.506 | 2.918 | 3.053 |
| Jordan | 0.123 | 0.116 | 0.271 | 0.574 | 0.778 | 0.935 | 1.095 | 1.043 | 1.004 |
| Kuwait | 0.077 | 0.077 | 0.108 | 0.060 | 0.114 | 0.122 | 0.159 | 0.160 | 0.172 |
| Lebanon | 0.376 | 0.450 | 0.528 | 0.490 | 0.626 | 0.622 | 0.641 | 0.560 | 0.403 |
| Oman | 0.042 | 0.033 | 0.211 | 0.174 | 0.242 | 0.249 | 0.352 | 0.380 | 0.453 |
| Qatar | 0.004 | 0.006 | 0.077 | 0.034 | 0.048 | 0.047 | 0.062 | 0.073 | 0.073 |
| Saudi Arabia | 0.197 | 0.249 | 0.857 | 0.921 | 1.084 | 1.203 | 1.408 | 1.374 | 1.440 |
| Syrian Arab Republic | 0.369 | 0.352 | 0.563 | 1.815 | 1.632 | 1.398 | 1.273 | 1.255 | 1.146 |
| United Arab Emirates | - | - | - | 0.115 | 0.373 | 0.489 | 1.003 | 1.036 | 1.116 |
| Yemen | 0.058 | 0.057 | 0.158 | 0.249 | 0.796 | 1.185 | 1.767 | 1.843 | 1.997 |
| Middle East | 6.441 | 7.938 | 14.198 | 22.676 | 29.201 | 29.427 | 29.540 | 30.165 | 30.919 |
| Non-OECD Total | 114.178 | 129.582 | 168.057 | 181.862 | 177.123 | 198.183 | 228.730 | 234.637 | 241.856 |
| <i>European Union - 27</i> | .. | .. | .. | 110.233 | 108.351 | 98.509 | 96.621 | 91.823 | 76.771 |
| OECD North America | 163.860 | 161.563 | 112.505 | 83.115 | 83.843 | 87.370 | 88.838 | 84.099 | 83.345 |
| OECD Pacific | 32.691 | 41.135 | 43.315 | 56.964 | 72.441 | 67.773 | 60.315 | 53.172 | 47.831 |
| OECD Europe | 162.622 | 190.524 | 157.944 | 116.377 | 118.311 | 107.852 | 105.192 | 99.986 | 84.292 |
| OECD Total | 359.173 | 393.221 | 313.764 | 256.457 | 274.595 | 262.995 | 254.344 | 237.257 | 215.468 |
| World | 473.351 | 522.803 | 481.822 | 438.319 | 451.718 | 461.179 | 483.073 | 471.894 | 457.324 |

Includes residential, commercial/public services, agriculture, forestry, fishing, non-specified other sectors, and non-energy use in other sectors.

Other sectors' consumption of gas (Mtoe)
Consommation de gaz des autres secteurs (Mtep)

Gasverbrauch in restlichen Sektoren (Mtoe)

Consumo di gas negli altri settori (Mtep)

他の部門のガス消費量 (石油換算百万トン)

Consumo de gas natural de otros sectores (Mtep)

Потребление газа другими секторами (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|
| Algeria | 0.075 | 0.090 | 0.354 | 1.045 | 1.690 | 2.044 | 3.383 | 3.451 | 4.059 |
| Côte d'Ivoire | - | - | - | - | - | 0.493 | 0.143 | 0.303 | 0.128 |
| Egypt | 0.002 | 0.001 | 0.002 | 0.071 | 0.822 | 0.367 | 0.694 | 0.697 | 0.737 |
| Mozambique | - | - | - | - | - | 0.000 | 0.000 | 0.000 | - |
| South Africa | 0.006 | 0.008 | 0.016 | 0.017 | 0.028 | 0.037 | 0.007 | 0.019 | 0.019 |
| Tunisia | 0.006 | 0.007 | 0.008 | 0.060 | 0.106 | 0.157 | 0.219 | 0.235 | 0.258 |
| Other Africa | - | - | - | - | - | - | 0.403 | 0.403 | 0.422 |
| Africa | 0.089 | 0.106 | 0.381 | 1.193 | 2.646 | 3.098 | 4.849 | 5.108 | 5.623 |
| Argentina | 1.182 | 1.371 | 2.387 | 5.086 | 6.097 | 6.711 | 7.173 | 7.115 | 8.569 |
| Bolivia | - | - | - | - | 0.002 | 0.010 | 0.019 | 0.039 | 0.040 |
| Brazil | 0.117 | 0.123 | 0.154 | 0.199 | 0.178 | 0.225 | 0.451 | 0.503 | 0.534 |
| Chile | 0.052 | 0.093 | 0.150 | 0.200 | 0.237 | 0.338 | 0.460 | 0.500 | 0.544 |
| Colombia | - | - | 0.002 | 0.107 | 0.256 | 0.593 | 0.891 | 1.214 | 1.214 |
| Cuba | 0.027 | 0.030 | 0.048 | 0.104 | 0.132 | 0.120 | 0.128 | 0.120 | 0.115 |
| Peru | 0.042 | 0.042 | 0.035 | 0.041 | 0.003 | 0.001 | 0.010 | 0.017 | 0.032 |
| Uruguay | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 | 0.009 | 0.022 | 0.024 | 0.029 |
| Venezuela | 0.414 | 0.501 | 0.624 | 0.605 | 0.787 | 1.312 | 1.231 | 1.283 | 1.083 |
| Other Latin America | 0.005 | 0.004 | 0.008 | 0.012 | 0.010 | 0.303 | 0.615 | 0.593 | 0.595 |
| Latin America | 1.846 | 2.172 | 3.414 | 6.363 | 7.710 | 9.621 | 11.001 | 11.408 | 12.756 |
| Bangladesh | 0.002 | 0.003 | 0.091 | 0.295 | 0.496 | 0.756 | 1.869 | 2.003 | 1.942 |
| Brunei Darussalam | - | - | - | - | - | - | - | 0.013 | 0.026 |
| Chinese Taipei | 0.030 | 0.066 | 0.264 | 0.534 | 0.693 | 0.808 | 1.011 | 0.997 | 1.010 |
| India | 0.016 | 0.018 | 0.049 | 0.115 | 0.239 | 0.402 | 0.758 | 0.811 | 0.845 |
| Indonesia | - | - | - | - | 0.030 | 0.038 | 0.044 | 0.044 | 0.053 |
| Malaysia | 0.006 | 0.009 | 0.034 | 0.032 | 0.289 | 0.016 | 0.028 | 0.029 | 0.034 |
| Myanmar | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.001 | 1.244 | 0.936 | 0.889 |
| Pakistan | 0.089 | 0.118 | 0.439 | 1.759 | 2.824 | 3.590 | 4.454 | 4.822 | 5.289 |
| Singapore | 0.015 | 0.017 | 0.027 | 0.030 | 0.040 | 0.040 | 0.045 | 0.046 | 0.047 |
| Other Asia | 0.193 | 0.145 | 0.090 | 0.245 | 0.141 | 0.098 | 0.111 | 0.135 | 0.153 |
| Asia | 0.351 | 0.376 | 0.994 | 3.011 | 4.754 | 5.747 | 9.563 | 9.836 | 10.288 |
| People's Rep. of China | 0.046 | 0.074 | 0.442 | 1.867 | 2.612 | 5.028 | 12.071 | 13.993 | 17.625 |
| Hong Kong, China | 0.020 | 0.025 | 0.071 | 0.311 | 0.451 | 0.539 | 0.567 | 0.562 | 0.562 |
| China | 0.066 | 0.099 | 0.513 | 2.178 | 3.063 | 5.567 | 12.638 | 14.555 | 18.187 |
| Albania | 0.106 | 0.159 | 0.322 | 0.040 | 0.004 | - | - | - | 0.002 |
| Bosnia and Herzegovina | .. | .. | .. | 0.031 | 0.025 | 0.037 | 0.052 | 0.056 | 0.060 |
| Bulgaria | 0.247 | 0.168 | 3.180 | 0.018 | 0.020 | 0.025 | 0.082 | 0.119 | 0.133 |
| Croatia | .. | .. | .. | 0.264 | 0.437 | 0.503 | 0.713 | 0.677 | 0.648 |
| FYR of Macedonia | .. | .. | .. | - | - | - | 0.001 | 0.001 | 0.001 |
| Romania | - | 2.449 | - | 3.087 | 2.241 | 2.472 | 3.118 | 4.172 | 3.172 |
| Serbia | .. | .. | .. | 1.582 | 0.227 | 0.296 | 0.208 | 0.214 | 0.284 |
| Slovenia | .. | .. | .. | 0.148 | 0.162 | 0.077 | 0.124 | 0.107 | 0.097 |
| Former Yugoslavia | 0.094 | 0.124 | 0.318 | x | x | x | x | x | x |
| Non-OECD Europe | 0.447 | 2.900 | 3.820 | 5.169 | 3.116 | 3.411 | 4.298 | 5.346 | 4.396 |

Includes residential, commercial/public services, agriculture, forestry, fishing, non-specified other sectors, and non-energy use in other sectors.

Other sectors' consumption of gas (Mtoe)
Consommation de gaz des autres secteurs (Mtep)

Gasverbrauch in restlichen Sektoren (Mtoe)

Consumo di gas negli altri settori (Mtep)

他の部門のガス消費量（石油換算百万トン）

Consumo de gas natural de otros sectores (Mtep)

Потребление газа другими секторами (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Armenia | .. | .. | .. | 1.776 | 0.487 | 0.131 | 0.356 | 0.376 | 0.451 |
| Azerbaijan | .. | .. | .. | 14.249 | 1.941 | 2.239 | 2.367 | 2.399 | 2.106 |
| Belarus | .. | .. | .. | 1.873 | 1.360 | 1.103 | 1.292 | 1.257 | 1.258 |
| Estonia | .. | .. | .. | 0.067 | 0.051 | 0.055 | 0.098 | 0.102 | 0.098 |
| Georgia | .. | .. | .. | 1.246 | 0.057 | 0.266 | 0.226 | 0.264 | 0.271 |
| Kazakhstan | .. | .. | .. | 7.770 | 7.117 | 5.514 | 11.145 | 13.172 | 14.967 |
| Kyrgyzstan | .. | .. | .. | 0.606 | 0.124 | 0.163 | 0.231 | 0.241 | 0.259 |
| Latvia | .. | .. | .. | 0.225 | 0.159 | 0.120 | 0.211 | 0.222 | 0.239 |
| Lithuania | .. | .. | .. | 0.597 | 0.292 | 0.159 | 0.213 | 0.232 | 0.259 |
| Republic of Moldova | .. | .. | .. | 0.442 | 0.816 | 0.248 | 0.397 | 0.341 | 0.348 |
| Russian Federation | .. | .. | .. | 57.439 | 49.018 | 47.457 | 42.655 | 43.816 | 45.258 |
| Tajikistan | .. | .. | .. | 0.734 | 0.270 | 0.384 | 0.286 | 0.286 | 0.288 |
| Turkmenistan | .. | .. | .. | 6.737 | 6.221 | 6.051 | 6.094 | 5.818 | 6.330 |
| Ukraine | .. | .. | .. | 9.933 | 12.168 | 13.658 | 15.000 | 15.543 | 14.030 |
| Uzbekistan | .. | .. | .. | 19.679 | 12.589 | 17.284 | 16.553 | 17.292 | 17.428 |
| Former Soviet Union | 23.100 | 26.700 | 52.386 | 123.372 | 92.669 | 94.831 | 97.123 | 101.360 | 103.589 |
| Islamic Republic of Iran | - | 0.013 | 0.674 | 2.610 | 10.663 | 18.540 | 30.273 | 35.429 | 38.944 |
| Israel | - | - | 0.001 | 0.000 | 0.000 | - | - | - | - |
| Kuwait | 1.382 | 1.613 | 2.066 | - | - | - | - | - | - |
| Oman | - | - | - | 0.070 | 0.094 | 0.217 | 0.053 | 0.066 | 0.114 |
| Syrian Arab Republic | - | - | - | 0.750 | 0.103 | 0.288 | 0.198 | 0.185 | 0.228 |
| Middle East | 1.382 | 1.625 | 2.741 | 3.429 | 10.861 | 19.045 | 30.524 | 35.680 | 39.285 |
| Non-OECD Total | 27.280 | 33.979 | 64.248 | 144.715 | 124.818 | 141.320 | 169.995 | 183.293 | 194.124 |
| <i>European Union - 27</i> | .. | .. | .. | 115.075 | 140.028 | 153.564 | 177.530 | 176.170 | 166.037 |
| OECD North America | 185.829 | 185.414 | 187.658 | 184.791 | 207.705 | 215.441 | 207.703 | 191.845 | 206.353 |
| OECD Pacific | 4.435 | 5.666 | 8.569 | 14.707 | 21.106 | 29.957 | 37.474 | 39.380 | 40.841 |
| OECD Europe | 34.687 | 48.203 | 85.610 | 111.937 | 139.437 | 155.297 | 182.263 | 181.917 | 173.677 |
| OECD Total | 224.951 | 239.282 | 281.837 | 311.436 | 368.248 | 400.695 | 427.440 | 413.141 | 420.871 |
| World | 252.231 | 273.261 | 346.085 | 456.150 | 493.066 | 542.014 | 597.435 | 596.434 | 614.995 |

Includes residential, commercial/public services, agriculture, forestry, fishing, non-specified other sectors, and non-energy use in other sectors.

Total other sectors' consumption of energy (Mtoe)
Consommation totale d'énergie des autres secteurs (Mtep)

Gesamtenergieverbrauch in restlichen Sektoren (Mtoe)

Consumo totale di energia negli altri settori (Mtep)

他の部門のエネルギー総消費量（石油換算百万トン）

Consumo total de energia de otros sectores (Mtep)

Общее потребление топлива и энергии другими секторами (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Algeria | 0.71 | 0.98 | 2.12 | 4.43 | 5.01 | 5.92 | 8.77 | 8.82 | 9.65 |
| Angola | 2.37 | 2.42 | 2.85 | 3.37 | 3.76 | 4.40 | 5.04 | 5.49 | 5.95 |
| Benin | 0.88 | 0.92 | 1.08 | 1.36 | 1.53 | 1.29 | 1.69 | 1.74 | 1.79 |
| Botswana | .. | .. | .. | 0.48 | 0.60 | 0.69 | 0.62 | 0.63 | 0.64 |
| Cameroon | 1.88 | 1.97 | 2.46 | 3.31 | 3.72 | 4.28 | 4.73 | 4.74 | 4.40 |
| Congo | 0.26 | 0.27 | 0.31 | 0.40 | 0.42 | 0.43 | 0.48 | 0.48 | 0.49 |
| DR of Congo | 4.85 | 5.11 | 6.10 | 8.06 | 9.18 | 10.66 | 12.33 | 12.72 | 13.09 |
| Côte d'Ivoire | 1.14 | 1.22 | 1.66 | 2.25 | 2.64 | 3.49 | 4.40 | 4.78 | 4.68 |
| Egypt | 1.98 | 2.12 | 3.47 | 5.48 | 6.28 | 8.15 | 12.22 | 12.83 | 13.89 |
| Eritrea | .. | .. | .. | .. | 0.62 | 0.48 | 0.42 | 0.43 | 0.44 |
| Ethiopia | 7.83 | 8.24 | 9.96 | 13.58 | 14.98 | 17.03 | 19.25 | 19.73 | 20.26 |
| Gabon | 0.40 | 0.43 | 0.52 | 0.67 | 0.78 | 0.86 | 0.97 | 0.98 | 1.02 |
| Ghana | 1.73 | 1.92 | 2.25 | 3.01 | 3.66 | 4.13 | 4.62 | 4.81 | 4.98 |
| Kenya | 2.97 | 3.21 | 4.18 | 5.88 | 6.80 | 7.81 | 8.85 | 9.16 | 9.41 |
| Libyan Arab Jamahiriya | 0.25 | 0.29 | 0.58 | 0.95 | 1.23 | 1.62 | 2.41 | 2.62 | 2.53 |
| Morocco | 0.59 | 0.67 | 1.21 | 1.73 | 2.49 | 2.96 | 3.81 | 4.01 | 4.31 |
| Mozambique | 4.37 | 4.33 | 4.46 | 4.00 | 4.19 | 4.55 | 4.97 | 5.07 | 5.25 |
| Namibia | .. | .. | .. | .. | 0.62 | 0.53 | 0.65 | 0.67 | 0.69 |
| Nigeria | 30.05 | 31.65 | 39.04 | 51.40 | 58.53 | 65.21 | 74.59 | 76.00 | 77.67 |
| Senegal | 0.54 | 0.55 | 0.60 | 0.71 | 0.77 | 0.88 | 0.97 | 0.96 | 0.93 |
| South Africa | 9.49 | 10.44 | 10.46 | 14.03 | 17.00 | 16.21 | 22.06 | 23.08 | 23.69 |
| Sudan | 2.48 | 2.57 | 3.03 | 3.79 | 4.47 | 5.18 | 6.22 | 6.61 | 6.24 |
| United Rep. of Tanzania | 5.73 | 5.79 | 6.10 | 7.55 | 8.43 | 10.33 | 12.04 | 12.35 | 12.77 |
| Togo | 0.40 | 0.41 | 0.48 | 0.69 | 0.81 | 1.04 | 1.19 | 1.19 | 1.22 |
| Tunisia | 0.64 | 0.70 | 0.95 | 1.49 | 1.97 | 2.41 | 2.97 | 2.99 | 2.91 |
| Zambia | 1.50 | 1.64 | 2.04 | 2.81 | 3.21 | 3.53 | 3.89 | 3.97 | 4.04 |
| Zimbabwe | 3.42 | 3.62 | 4.20 | 5.59 | 6.19 | 6.69 | 6.90 | 6.89 | 6.92 |
| Other Africa | 22.47 | 23.35 | 27.15 | 33.39 | 37.24 | 43.69 | 53.04 | 54.43 | 56.04 |
| Africa | 108.95 | 114.80 | 137.27 | 180.44 | 207.13 | 234.44 | 280.11 | 288.18 | 295.91 |
| Argentina | 5.91 | 6.57 | 8.31 | 10.31 | 12.90 | 14.41 | 16.28 | 17.02 | 17.58 |
| Bolivia | 0.30 | 0.34 | 0.94 | 1.05 | 1.40 | 1.06 | 1.16 | 0.98 | 1.21 |
| Brazil | 29.10 | 29.67 | 29.89 | 29.21 | 31.31 | 36.38 | 39.53 | 40.16 | 41.33 |
| Chile | 2.23 | 2.36 | 2.42 | 3.54 | 4.70 | 5.49 | 5.77 | 5.84 | 6.08 |
| Colombia | 5.87 | 5.47 | 6.21 | 7.80 | 8.05 | 6.68 | 6.80 | 7.32 | 7.46 |
| Costa Rica | 0.52 | 0.53 | 0.57 | 0.78 | 0.59 | 0.70 | 0.82 | 0.99 | 1.04 |
| Cuba | 1.45 | 2.09 | 2.32 | 2.77 | 1.93 | 2.22 | 2.43 | 2.11 | 1.98 |
| Dominican Republic | 0.58 | 0.62 | 0.78 | 1.20 | 1.64 | 2.20 | 2.36 | 2.37 | 2.49 |
| Ecuador | 1.17 | 1.15 | 1.54 | 1.59 | 1.73 | 1.67 | 2.03 | 2.08 | 2.31 |
| El Salvador | 1.17 | 1.24 | 1.38 | 1.06 | 1.29 | 1.37 | 1.49 | 1.55 | 1.60 |
| Guatemala | 1.53 | 1.62 | 2.31 | 2.94 | 3.04 | 3.74 | 4.25 | 4.17 | 4.15 |
| Haiti | 1.04 | 1.10 | 1.38 | 0.95 | 1.05 | 1.13 | 1.46 | 1.49 | 1.53 |
| Honduras | 0.93 | 0.97 | 1.14 | 1.41 | 1.48 | 1.42 | 2.02 | 2.03 | 1.90 |
| Jamaica | 0.14 | 0.22 | 0.22 | 1.37 | 0.71 | 0.95 | 0.85 | 1.15 | 1.32 |
| Netherlands Antilles | 0.15 | 0.13 | 0.16 | 0.10 | 0.13 | 0.10 | 0.10 | 0.11 | 0.11 |
| Nicaragua | 0.61 | 0.66 | 0.75 | 0.99 | 1.09 | 1.29 | 1.62 | 1.69 | 1.71 |
| Panama | 0.37 | 0.39 | 0.45 | 0.56 | 0.64 | 0.78 | 0.86 | 0.94 | 0.88 |
| Paraguay | 0.80 | 0.83 | 0.96 | 1.41 | 1.38 | 1.41 | 1.40 | 1.28 | 1.32 |
| Peru | 4.31 | 4.09 | 4.49 | 4.29 | 4.43 | 4.42 | 4.18 | 4.27 | 4.45 |
| Trinidad and Tobago | 0.07 | 0.09 | 0.12 | 0.16 | 0.17 | 0.22 | 0.26 | 0.30 | 0.36 |
| Uruguay | 0.76 | 0.75 | 0.87 | 0.84 | 1.01 | 1.13 | 1.08 | 1.09 | 1.14 |
| Venezuela | 1.61 | 1.93 | 2.88 | 3.97 | 4.75 | 5.59 | 6.17 | 6.54 | 6.35 |
| Other Latin America | 1.65 | 2.30 | 1.71 | 2.40 | 2.35 | 1.98 | 2.50 | 2.50 | 2.79 |
| Latin America | 62.27 | 65.14 | 71.80 | 80.68 | 87.78 | 96.35 | 105.43 | 107.98 | 111.09 |

Includes residential, commercial/public services, agriculture, forestry, fishing, non-specified other sectors, and non-energy use in other sectors.

Total other sectors' consumption of energy (Mtoe)
Consommation totale d'énergie des autres secteurs (Mtep)

Gesamtenergieverbrauch in restlichen Sektoren (Mtoe)

Consumo totale di energia negli altri settori (Mtep)

他の部門のエネルギー総消費量 (石油換算百万トン)

Consumo total de energia de otros sectores (Mtep)

Общее потребление топлива и энергии другими секторами (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bangladesh | 4.76 | 5.05 | 6.29 | 8.09 | 8.90 | 9.97 | 12.58 | 12.57 | 12.75 |
| Brunei Darussalam | 0.04 | 0.04 | 0.04 | 0.09 | 0.15 | 0.21 | 0.23 | 0.24 | 0.26 |
| Cambodia | .. | .. | .. | .. | 2.88 | 3.35 | 3.87 | 4.03 | 4.12 |
| Chinese Taipei | 1.72 | 2.20 | 3.58 | 6.38 | 7.86 | 10.11 | 12.03 | 11.87 | 11.76 |
| India | 91.72 | 95.73 | 113.03 | 142.68 | 157.85 | 170.83 | 188.57 | 193.34 | 199.03 |
| Indonesia | 27.65 | 29.06 | 35.71 | 43.61 | 49.10 | 56.84 | 61.91 | 62.38 | 63.39 |
| DPR of Korea | 4.20 | 4.40 | 6.06 | 6.29 | 5.38 | 5.09 | 5.43 | 5.51 | 4.80 |
| Malaysia | 1.00 | 1.13 | 1.77 | 2.90 | 4.62 | 5.40 | 6.81 | 7.27 | 7.67 |
| Mongolia | .. | .. | .. | 1.28 | 0.80 | 0.71 | 0.87 | 0.95 | 0.91 |
| Myanmar | 6.11 | 6.36 | 7.02 | 8.47 | 8.85 | 9.06 | 11.20 | 10.99 | 11.03 |
| Nepal | 3.61 | 3.78 | 4.41 | 5.54 | 6.30 | 7.38 | 8.37 | 8.56 | 8.74 |
| Pakistan | 11.05 | 11.69 | 14.80 | 21.58 | 25.37 | 28.74 | 33.19 | 34.36 | 35.44 |
| Philippines | 5.83 | 6.32 | 8.64 | 9.04 | 10.05 | 10.15 | 9.02 | 8.78 | 8.48 |
| Singapore | 0.22 | 0.23 | 0.37 | 0.70 | 0.99 | 1.45 | 1.75 | 1.85 | 1.93 |
| Sri Lanka | 2.64 | 2.69 | 2.92 | 3.67 | 3.75 | 3.98 | 3.96 | 4.02 | 4.01 |
| Thailand | 4.43 | 4.98 | 7.77 | 10.80 | 11.30 | 13.62 | 16.32 | 16.90 | 17.82 |
| Vietnam | 15.68 | 16.57 | 16.03 | 19.36 | 22.30 | 24.98 | 28.56 | 29.15 | 29.57 |
| Other Asia | 3.19 | 3.47 | 3.61 | 3.89 | 4.09 | 3.86 | 4.32 | 4.58 | 4.83 |
| Asia | 183.83 | 193.69 | 232.08 | 294.35 | 330.53 | 365.73 | 409.00 | 417.36 | 426.56 |
| People's Rep. of China | 213.52 | 226.66 | 271.65 | 342.54 | 356.23 | 349.38 | 405.32 | 417.70 | 428.50 |
| Hong Kong, China | 0.62 | 0.58 | 0.97 | 2.10 | 2.84 | 3.50 | 4.15 | 4.20 | 4.27 |
| China | 214.14 | 227.24 | 272.62 | 344.64 | 359.07 | 352.88 | 409.47 | 421.91 | 432.77 |
| Albania | 0.78 | 0.90 | 1.20 | 1.07 | 0.56 | 0.69 | 0.89 | 0.74 | 0.76 |
| Bosnia and Herzegovina | .. | .. | .. | 1.94 | 0.65 | 0.99 | 1.27 | 1.28 | 1.29 |
| Bulgaria | 8.75 | 9.62 | 12.31 | 4.74 | 3.52 | 3.07 | 3.21 | 3.40 | 3.23 |
| Croatia | .. | .. | .. | 2.16 | 2.03 | 2.43 | 2.84 | 2.78 | 2.63 |
| Cyprus | 0.08 | 0.09 | 0.11 | 0.19 | 0.27 | 0.34 | 0.52 | 0.58 | 0.60 |
| Gibraltar | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| FYR of Macedonia | .. | .. | .. | 0.47 | 0.65 | 0.70 | 0.77 | 0.76 | 0.72 |
| Malta | 0.06 | 0.07 | 0.07 | 0.11 | 0.10 | 0.12 | 0.15 | 0.14 | 0.14 |
| Romania | 11.41 | 14.85 | 17.49 | 13.75 | 8.74 | 10.04 | 10.55 | 10.88 | 10.25 |
| Serbia | .. | .. | .. | 5.56 | 3.49 | 3.94 | 3.77 | 3.84 | 4.36 |
| Slovenia | .. | .. | .. | 1.25 | 1.56 | 1.77 | 1.78 | 1.74 | 1.56 |
| Former Yugoslavia | 4.77 | 4.16 | 5.06 | x | x | x | x | x | x |
| Non-OECD Europe | 25.85 | 29.70 | 36.24 | 31.25 | 21.59 | 24.10 | 25.76 | 26.16 | 25.55 |
| Armenia | .. | .. | .. | 3.32 | 0.74 | 0.47 | 0.78 | 0.82 | 0.90 |
| Azerbaijan | .. | .. | .. | 18.11 | 4.39 | 3.99 | 4.18 | 4.09 | 3.78 |
| Belarus | .. | .. | .. | 13.12 | 9.47 | 8.42 | 8.98 | 9.36 | 8.98 |
| Estonia | .. | .. | .. | 2.39 | 1.22 | 1.26 | 1.37 | 1.36 | 1.45 |
| Georgia | .. | .. | .. | 3.32 | 1.42 | 1.55 | 1.42 | 1.19 | 1.27 |
| Kazakhstan | .. | .. | .. | 25.52 | 19.28 | 10.60 | 17.89 | 19.95 | 22.41 |
| Kyrgyzstan | .. | .. | .. | 3.33 | 1.05 | 1.16 | 1.10 | 1.18 | 1.19 |
| Latvia | .. | .. | .. | 3.28 | 2.40 | 1.92 | 2.25 | 2.27 | 2.29 |
| Lithuania | .. | .. | .. | 4.36 | 2.54 | 1.91 | 2.06 | 2.16 | 2.11 |
| Republic of Moldova | .. | .. | .. | 4.69 | 2.00 | 0.90 | 1.42 | 1.36 | 1.26 |
| Russian Federation | .. | .. | .. | 259.23 | 200.01 | 178.76 | 155.81 | 159.56 | 162.43 |
| Tajikistan | .. | .. | .. | 3.40 | 1.11 | 1.33 | 1.36 | 1.39 | 1.44 |
| Turkmenistan | .. | .. | .. | 11.35 | 8.30 | 8.46 | 8.97 | 8.73 | 9.55 |
| Ukraine | .. | .. | .. | 45.07 | 35.58 | 27.92 | 29.25 | 29.88 | 27.61 |
| Uzbekistan | .. | .. | .. | 29.08 | 19.92 | 23.41 | 22.33 | 23.06 | 23.16 |
| Former Soviet Union | 169.45 | 184.67 | 264.97 | 429.56 | 309.42 | 272.05 | 259.16 | 266.38 | 269.83 |

Includes residential, commercial/public services, agriculture, forestry, fishing, non-specified other sectors, and non-energy use in other sectors.

Total other sectors' consumption of energy (Mtoe)
Consommation totale d'énergie des autres secteurs (Mtep)

Gesamtenergieverbrauch in restlichen Sektoren (Mtoe)

Consumo totale di energia negli altri settori (Mtep)

他の部門のエネルギー総消費量 (石油換算百万トン)

Consumo total de energía de otros sectores (Mtep)

Общее потребление топлива и энергии другими секторами (Мтнэ)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bahrain | 0.04 | 0.04 | 0.15 | 0.27 | 0.37 | 0.46 | 0.64 | 0.73 | 0.85 |
| Islamic Republic of Iran | 4.37 | 5.84 | 11.48 | 21.44 | 34.18 | 42.27 | 54.58 | 60.48 | 64.78 |
| Iraq | 0.89 | 0.93 | 2.02 | 3.75 | 4.75 | 5.36 | 5.82 | 6.16 | 6.46 |
| Israel | 0.95 | 1.09 | 1.26 | 2.58 | 4.11 | 5.44 | 5.88 | 6.43 | 6.74 |
| Jordan | 0.12 | 0.12 | 0.32 | 0.79 | 1.11 | 1.36 | 1.70 | 1.75 | 1.79 |
| Kuwait | 1.62 | 1.89 | 2.55 | 0.89 | 1.43 | 1.89 | 2.51 | 2.75 | 2.80 |
| Lebanon | 0.56 | 0.66 | 0.82 | 0.69 | 1.02 | 1.24 | 1.34 | 1.24 | 1.11 |
| Oman | 0.04 | 0.04 | 0.26 | 0.54 | 0.76 | 1.02 | 1.09 | 1.29 | 1.46 |
| Qatar | 0.03 | 0.04 | 0.23 | 0.38 | 0.41 | 0.57 | 0.86 | 0.85 | 0.82 |
| Saudi Arabia | 0.25 | 0.33 | 1.84 | 4.94 | 6.87 | 8.65 | 11.69 | 12.61 | 13.43 |
| Syrian Arab Republic | 0.40 | 0.39 | 0.68 | 2.92 | 2.19 | 2.36 | 2.57 | 2.71 | 2.70 |
| United Arab Emirates | 0.01 | 0.05 | 0.44 | 1.26 | 2.08 | 3.40 | 5.10 | 5.51 | 6.37 |
| Yemen | 0.10 | 0.10 | 0.23 | 0.40 | 0.97 | 1.40 | 2.09 | 2.20 | 2.39 |
| Middle East | 9.39 | 11.52 | 22.28 | 40.86 | 60.26 | 75.42 | 95.86 | 104.70 | 111.68 |
| Non-OECD Total | 773.87 | 826.77 | 1 037.26 | 1 401.79 | 1 375.78 | 1 420.99 | 1 584.80 | 1 632.67 | 1 673.39 |
| <i>European Union - 27</i> | .. | .. | .. | 429.00 | 440.95 | 451.39 | 498.01 | 499.33 | 470.97 |
| OECD North America | 466.71 | 474.77 | 462.15 | 477.59 | 518.12 | 560.27 | 595.33 | 573.06 | 597.16 |
| OECD Pacific | 57.29 | 70.31 | 83.56 | 129.87 | 156.63 | 171.99 | 185.52 | 181.27 | 180.07 |
| OECD Europe | 354.73 | 394.62 | 425.80 | 432.57 | 457.56 | 470.68 | 522.14 | 524.42 | 498.26 |
| OECD Total | 878.72 | 939.70 | 971.52 | 1 040.03 | 1 132.31 | 1 202.94 | 1 302.98 | 1 278.75 | 1 275.50 |
| World | 1 652.59 | 1 766.46 | 2 008.77 | 2 441.81 | 2 508.09 | 2 623.93 | 2 887.78 | 2 911.42 | 2 948.89 |

Includes residential, commercial/public services, agriculture, forestry, fishing, non-specified other sectors, and non-energy use in other sectors.

GDP using exchange rates (billion 2000 US dollars)
PIB basé sur les taux de change (milliards \$US 2000)

BIP auf Wechselkursbasis (Milliarden 2000 US\$)

PIL ai tassi di cambio (miliardi di \$US 2000)

為替換算による国内総生産（十億米ドル，2000年価格）

PIB basado en los tipos de cambio (millardos 2000 US\$)

ВВП по валютному курсу (млрд.долл.США в ценах 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Algeria | 17.5 | 23.2 | 35.3 | 46.4 | 47.0 | 54.8 | 69.6 | 70.8 | 73.0 |
| Angola | 6.7 | 7.2 | 6.7 | 8.5 | 6.7 | 9.1 | 14.9 | 17.7 | 21.4 |
| Benin | 0.8 | 0.9 | 1.1 | 1.4 | 1.7 | 2.3 | 2.7 | 2.8 | 3.0 |
| Botswana | .. | .. | .. | 3.4 | 4.1 | 6.2 | 8.1 | 8.4 | 8.8 |
| Cameroon | 3.5 | 3.8 | 6.3 | 8.8 | 8.0 | 10.1 | 12.1 | 12.5 | 12.9 |
| Congo | 1.0 | 1.2 | 1.7 | 2.8 | 2.9 | 3.2 | 4.0 | 4.2 | 4.2 |
| DR of Congo | 7.1 | 7.7 | 7.0 | 7.7 | 5.3 | 4.3 | 5.2 | 5.5 | 5.9 |
| Côte d'Ivoire | 5.1 | 5.6 | 7.7 | 8.3 | 8.9 | 10.4 | 10.4 | 10.5 | 10.7 |
| Egypt | 21.0 | 21.6 | 38.5 | 65.6 | 77.5 | 99.8 | 118.8 | 126.9 | 135.9 |
| Eritrea | .. | .. | .. | .. | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 |
| Ethiopia | 4.2 | 4.5 | 5.1 | 6.2 | 6.6 | 8.2 | 11.2 | 12.4 | 13.8 |
| Gabon | 1.9 | 2.3 | 3.6 | 4.3 | 5.0 | 5.1 | 5.5 | 5.6 | 5.9 |
| Ghana | 2.7 | 2.7 | 2.6 | 3.3 | 4.0 | 5.0 | 6.4 | 6.8 | 7.2 |
| Kenya | 4.0 | 5.0 | 7.1 | 10.5 | 11.4 | 12.7 | 15.2 | 16.1 | 17.2 |
| Libyan Arab Jamahiriya | 34.4 | 30.2 | 43.8 | 29.8 | 31.8 | 34.5 | 44.0 | 46.5 | 49.6 |
| Morocco | 12.8 | 13.6 | 20.1 | 29.3 | 30.7 | 37.0 | 47.2 | 50.9 | 52.2 |
| Mozambique | 2.8 | 3.1 | 2.5 | 2.5 | 3.0 | 4.2 | 6.4 | 7.0 | 7.5 |
| Namibia | .. | .. | .. | .. | 2.9 | 3.4 | 4.3 | 4.4 | 4.7 |
| Nigeria | 22.6 | 24.6 | 31.5 | 35.0 | 39.5 | 46.0 | 61.9 | 65.7 | 69.6 |
| Senegal | 2.3 | 2.3 | 2.7 | 3.5 | 3.8 | 4.7 | 5.9 | 6.0 | 6.3 |
| South Africa | 71.5 | 76.0 | 95.5 | 110.9 | 115.8 | 132.9 | 160.7 | 169.3 | 178.0 |
| Sudan | 4.0 | 3.8 | 5.5 | 7.1 | 9.1 | 12.4 | 16.6 | 18.4 | 20.3 |
| United Rep. of Tanzania | 3.6 | 3.9 | 4.9 | 6.8 | 7.4 | 9.1 | 12.5 | 13.4 | 14.3 |
| Togo | 0.6 | 0.7 | 1.0 | 1.1 | 1.1 | 1.3 | 1.5 | 1.5 | 1.6 |
| Tunisia | 4.7 | 5.5 | 8.6 | 12.2 | 14.8 | 19.4 | 24.1 | 25.5 | 27.1 |
| Zambia | 2.4 | 2.6 | 2.7 | 3.0 | 2.8 | 3.2 | 4.1 | 4.3 | 4.6 |
| Zimbabwe | 3.5 | 3.9 | 4.4 | 6.7 | 7.1 | 7.4 | 5.6 | 5.3 | 5.0 |
| Other Africa | 24.0 | 24.6 | 30.6 | 37.3 | 38.3 | 48.5 | 62.7 | 65.6 | 68.9 |
| Africa | 264.7 | 280.5 | 376.6 | 462.3 | 497.8 | 595.8 | 742.2 | 784.9 | 830.3 |
| Argentina | 167.5 | 175.0 | 212.1 | 182.2 | 250.3 | 284.2 | 313.6 | 340.2 | 369.6 |
| Bolivia | 4.1 | 4.7 | 5.7 | 5.8 | 7.1 | 8.4 | 9.8 | 10.2 | 10.7 |
| Brazil | 212.7 | 271.6 | 430.4 | 501.8 | 583.6 | 644.7 | 739.6 | 767.4 | 808.9 |
| Chile | 23.0 | 21.7 | 28.0 | 40.5 | 61.4 | 75.2 | 92.4 | 96.4 | 101.3 |
| Colombia | 32.0 | 36.7 | 51.6 | 73.4 | 89.9 | 94.1 | 114.0 | 121.9 | 131.1 |
| Costa Rica | 4.6 | 5.4 | 7.5 | 9.6 | 12.5 | 15.9 | 19.5 | 21.2 | 22.8 |
| Cuba | 15.5 | 16.8 | 21.8 | 32.5 | 22.5 | 28.2 | 35.5 | 39.9 | 42.7 |
| Dominican Republic | 4.9 | 6.1 | 8.8 | 11.1 | 13.6 | 19.8 | 23.4 | 25.9 | 28.1 |
| Ecuador | 5.9 | 7.2 | 10.9 | 13.3 | 15.2 | 15.9 | 20.8 | 21.6 | 22.1 |
| El Salvador | 7.2 | 8.0 | 8.7 | 8.4 | 11.3 | 13.1 | 14.7 | 15.3 | 16.0 |
| Guatemala | 7.2 | 8.2 | 11.8 | 12.9 | 15.9 | 19.3 | 22.4 | 23.6 | 24.9 |
| Haiti | 3.3 | 3.3 | 4.6 | 4.4 | 3.4 | 3.8 | 3.7 | 3.8 | 4.0 |
| Honduras | 2.5 | 2.8 | 4.0 | 5.1 | 6.1 | 7.1 | 8.9 | 9.5 | 10.1 |
| Jamaica | 5.6 | 6.3 | 5.1 | 6.6 | 8.0 | 8.0 | 8.7 | 8.9 | 8.3 |
| Netherlands Antilles | .. | .. | 1.0 | 1.0 | 1.2 | 1.2 | 1.3 | 1.3 | 1.3 |
| Nicaragua | 3.2 | 3.5 | 3.2 | 2.8 | 3.1 | 3.9 | 4.6 | 4.8 | 5.0 |
| Panama | 4.5 | 5.0 | 6.2 | 7.1 | 9.3 | 11.6 | 14.3 | 15.6 | 17.4 |
| Paraguay | 2.0 | 2.3 | 4.5 | 5.9 | 7.1 | 7.1 | 8.0 | 8.4 | 8.9 |
| Peru | 28.5 | 30.9 | 39.1 | 36.1 | 47.1 | 53.3 | 65.4 | 70.5 | 76.7 |
| Trinidad and Tobago | 4.5 | 4.9 | 7.5 | 6.0 | 6.4 | 8.2 | 12.0 | 13.5 | 14.2 |
| Uruguay | 11.4 | 11.3 | 15.4 | 15.4 | 18.6 | 20.7 | 21.6 | 23.2 | 24.9 |
| Venezuela | 68.3 | 74.1 | 87.8 | 95.3 | 112.9 | 117.1 | 132.9 | 146.6 | 159.0 |
| Other Latin America | 10.0 | 10.6 | 13.9 | 19.4 | 20.7 | 24.8 | 27.5 | 28.5 | 29.5 |
| Latin America | 628.5 | 716.6 | 989.6 | 1 096.5 | 1 327.3 | 1 485.7 | 1 714.7 | 1 818.1 | 1 937.6 |

Due to a lack of complete series for GDP data, regional aggregates do not include Netherlands Antilles from 1971 to 1979.

GDP using exchange rates (billion 2000 US dollars)
PIB basé sur les taux de change (milliards \$US 2000)

BIP auf Wechselkursbasis (Milliarden 2000 US\$)

PIL ai tassi di cambio (miliardi di \$US 2000)

為替換算による国内総生産（十億米ドル，2000年価格）

PIB basado en los tipos de cambio (millardos 2000 US\$)

ВВП по валютному курсу (млрд.долл.США в ценах 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|
| Bangladesh | 17.8 | 15.9 | 20.4 | 29.5 | 36.5 | 47.1 | 61.4 | 65.4 | 69.6 |
| Brunei Darussalam | 2.2 | 2.6 | 4.4 | 3.8 | 4.1 | 4.3 | 4.8 | 5.0 | 5.1 |
| Cambodia | .. | .. | .. | .. | 2.6 | 3.7 | 5.9 | 6.5 | 7.1 |
| Chinese Taipei | 35.1 | 44.8 | 79.4 | 170.9 | 242.4 | 321.2 | 376.0 | 393.6 | 416.0 |
| India | 119.1 | 122.4 | 157.6 | 270.5 | 346.6 | 460.2 | 644.7 | 707.0 | 771.1 |
| Indonesia | 29.5 | 35.0 | 58.8 | 109.2 | 159.4 | 165.0 | 207.9 | 219.3 | 233.2 |
| DPR of Korea | 3.0 | 3.8 | 8.2 | 15.6 | 12.2 | 10.9 | 11.3 | 11.5 | 11.4 |
| Malaysia | 13.1 | 16.1 | 26.4 | 47.2 | 74.2 | 93.8 | 118.2 | 125.1 | 133.0 |
| Mongolia | .. | .. | .. | 1.1 | 1.0 | 1.1 | 1.5 | 1.6 | 1.8 |
| Myanmar | 2.6 | 2.7 | 4.0 | 4.5 | 5.9 | 8.9 | 16.2 | 17.4 | 18.3 |
| Nepal | 1.7 | 1.8 | 2.1 | 3.4 | 4.3 | 5.5 | 6.5 | 6.7 | 6.9 |
| Pakistan | 17.4 | 18.7 | 27.3 | 50.2 | 63.0 | 74.0 | 94.4 | 100.2 | 106.2 |
| Philippines | 28.2 | 32.4 | 47.6 | 56.2 | 62.6 | 75.9 | 94.5 | 99.6 | 106.8 |
| Singapore | 10.5 | 13.3 | 21.8 | 44.7 | 68.2 | 92.7 | 114.1 | 123.4 | 132.9 |
| Sri Lanka | 4.3 | 4.6 | 6.5 | 9.8 | 12.8 | 16.3 | 19.8 | 21.4 | 22.8 |
| Thailand | 20.1 | 23.2 | 37.3 | 79.4 | 120.0 | 122.7 | 157.3 | 165.3 | 173.2 |
| Vietnam | 8.1 | 7.4 | 8.6 | 15.0 | 22.3 | 31.2 | 44.8 | 48.5 | 52.6 |
| Other Asia | 10.6 | 11.0 | 13.8 | 17.9 | 22.0 | 23.7 | 32.3 | 35.2 | 39.9 |
| Asia | 323.4 | 355.5 | 524.2 | 928.8 | 1 260.2 | 1 558.2 | 2 011.5 | 2 152.7 | 2 307.8 |
| People's Rep. of China | 107.1 | 119.9 | 182.9 | 444.6 | 792.8 | 1 198.5 | 1 893.4 | 2 113.0 | 2 387.7 |
| Hong Kong, China | 25.9 | 33.7 | 60.2 | 115.2 | 148.5 | 169.1 | 207.1 | 221.6 | 235.7 |
| China | 133.0 | 153.6 | 243.1 | 559.8 | 941.3 | 1 367.6 | 2 100.4 | 2 334.6 | 2 623.4 |
| Albania | 1.7 | 2.1 | 2.8 | 3.2 | 2.8 | 3.7 | 4.8 | 5.0 | 5.3 |
| Bosnia and Herzegovina | .. | .. | .. | 1.4 | 1.5 | 5.1 | 6.4 | 6.8 | 7.2 |
| Bulgaria | 6.4 | 7.5 | 11.8 | 15.0 | 13.1 | 12.6 | 16.3 | 17.3 | 18.4 |
| Croatia | .. | .. | .. | 21.5 | 15.6 | 18.4 | 23.2 | 24.4 | 25.7 |
| Cyprus | 2.1 | 2.3 | 3.4 | 6.2 | 7.7 | 9.3 | 10.9 | 11.4 | 11.9 |
| Gibraltar | 0.4 | 0.4 | 0.4 | 0.6 | 0.6 | 0.7 | 0.8 | 0.9 | 0.9 |
| FYR of Macedonia | .. | .. | .. | 3.9 | 3.1 | 3.6 | 3.8 | 4.0 | 4.2 |
| Malta | 0.6 | 0.7 | 1.6 | 2.4 | 3.1 | 3.9 | 4.1 | 4.2 | 4.3 |
| Romania | 18.8 | 22.9 | 40.9 | 44.0 | 39.5 | 37.1 | 48.9 | 52.8 | 55.9 |
| Serbia | .. | .. | .. | 10.2 | 10.0 | 9.9 | 11.6 | 12.2 | 13.1 |
| Slovenia | .. | .. | .. | 16.6 | 16.1 | 19.9 | 23.8 | 25.2 | 26.9 |
| Former Yugoslavia | 33.7 | 35.8 | 55.6 | x | x | x | x | x | x |
| Non-OECD Europe | 63.7 | 71.7 | 116.7 | 125.0 | 113.2 | 124.2 | 154.7 | 164.1 | 173.9 |
| Armenia | .. | .. | .. | 2.8 | 1.5 | 1.9 | 3.4 | 3.9 | 4.4 |
| Azerbaijan | .. | .. | .. | 9.0 | 3.7 | 5.3 | 9.9 | 13.4 | 16.7 |
| Belarus | .. | .. | .. | 14.4 | 9.4 | 12.7 | 18.3 | 20.1 | 21.8 |
| Estonia | .. | .. | .. | 5.9 | 4.2 | 5.6 | 8.2 | 9.1 | 9.6 |
| Georgia | .. | .. | .. | 8.2 | 2.3 | 3.1 | 4.4 | 4.8 | 5.4 |
| Kazakhstan | .. | .. | .. | 26.3 | 16.2 | 18.3 | 30.0 | 33.2 | 36.1 |
| Kyrgyzstan | .. | .. | .. | 2.1 | 1.0 | 1.4 | 1.6 | 1.7 | 1.8 |
| Latvia | .. | .. | .. | 10.4 | 5.9 | 7.8 | 11.6 | 13.0 | 14.4 |
| Lithuania | .. | .. | .. | 16.1 | 9.3 | 11.4 | 16.6 | 17.9 | 19.5 |
| Republic of Moldova | .. | .. | .. | 3.6 | 1.5 | 1.3 | 1.8 | 1.9 | 2.0 |
| Russian Federation | .. | .. | .. | 385.9 | 239.7 | 259.7 | 349.9 | 375.7 | 406.2 |
| Tajikistan | .. | .. | .. | 2.3 | 0.9 | 0.9 | 1.3 | 1.4 | 1.6 |
| Turkmenistan | .. | .. | .. | 3.7 | 2.3 | 2.9 | 5.8 | 6.3 | 7.1 |
| Ukraine | .. | .. | .. | 72.0 | 34.5 | 31.3 | 45.2 | 48.5 | 52.2 |
| Uzbekistan | .. | .. | .. | 14.0 | 11.4 | 13.8 | 17.9 | 19.2 | 21.0 |
| Former Soviet Union | 404.4 | 461.3 | 616.9 | 576.7 | 343.9 | 377.2 | 526.0 | 570.1 | 619.7 |

GDP using exchange rates (billion 2000 US dollars)
PIB basé sur les taux de change (milliards \$US 2000)

BIP auf Wechselkursbasis (Milliarden 2000 US\$)

PIL ai tassi di cambio (miliardi di \$US 2000)

為替換算による国内総生産（十億米ドル，2000年価格）

PIB basado en los tipos de cambio (millardos 2000 US\$)

ВВП по валютному курсу (млрд.долл.США в ценах 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bahrain | 1.3 | 1.3 | 4.0 | 4.6 | 6.5 | 8.0 | 10.7 | 11.5 | 12.3 |
| Islamic Republic of Iran | 46.6 | 57.2 | 57.3 | 70.3 | 83.1 | 101.3 | 133.0 | 140.8 | 151.8 |
| Iraq | 50.5 | 55.7 | 96.6 | 33.0 | 12.6 | 25.9 | 19.8 | 19.9 | 20.9 |
| Israel | 31.8 | 37.4 | 49.8 | 71.1 | 97.4 | 123.7 | 137.6 | 144.7 | 152.5 |
| Jordan | 2.1 | 2.0 | 4.2 | 5.1 | 7.2 | 8.5 | 11.4 | 12.1 | 12.9 |
| Kuwait | 31.9 | 31.7 | 27.9 | 25.3 | 34.3 | 37.7 | 56.6 | 59.4 | 62.2 |
| Lebanon | 12.7 | 14.9 | 10.5 | 8.4 | 14.9 | 16.8 | 20.5 | 20.5 | 20.9 |
| Oman | 3.2 | 3.0 | 5.4 | 12.7 | 16.8 | 19.9 | 24.9 | 26.8 | 28.9 |
| Qatar | 9.0 | 12.0 | 10.6 | 8.8 | 10.2 | 17.8 | 26.1 | 28.4 | 32.4 |
| Saudi Arabia | 52.9 | 82.0 | 153.7 | 144.1 | 166.0 | 188.4 | 226.9 | 234.1 | 242.0 |
| Syrian Arab Republic | 4.0 | 4.6 | 9.5 | 11.8 | 17.3 | 19.3 | 23.8 | 25.0 | 26.6 |
| United Arab Emirates | 8.8 | 18.7 | 47.3 | 46.4 | 54.8 | 70.6 | 97.8 | 107.3 | 115.2 |
| Yemen | 1.3 | 1.6 | 3.3 | 5.5 | 7.2 | 9.4 | 11.6 | 12.0 | 12.4 |
| Middle East | 256.1 | 322.0 | 480.1 | 447.2 | 528.4 | 647.3 | 800.7 | 842.6 | 891.0 |
| Non-OECD Total | 2 073.7 | 2 361.2 | 3 347.1 | 4 196.2 | 5 012.0 | 6 156.1 | 8 050.3 | 8 667.0 | 9 383.7 |
| <i>European Union - 27</i> | .. | .. | .. | 6 808.1 | 7 341.6 | 8 480.0 | 9 268.9 | 9 555.2 | 9 827.3 |
| OECD North America | 4 346.8 | 4 874.6 | 5 918.3 | 8 051.2 | 9 053.1 | 11 126.4 | 12 455.6 | 12 818.6 | 13 092.4 |
| OECD Pacific | 2 152.8 | 2 503.5 | 3 166.4 | 4 726.5 | 5 234.7 | 5 631.4 | 6 153.6 | 6 321.8 | 6 484.8 |
| OECD Europe | 4 340.0 | 4 814.3 | 5 680.5 | 7 225.9 | 7 833.6 | 9 065.8 | 9 926.4 | 10 239.0 | 10 532.4 |
| OECD Total | 10 839.7 | 12 192.5 | 14 765.2 | 20 003.6 | 22 121.3 | 25 823.7 | 28 535.6 | 29 379.4 | 30 109.6 |
| World | 12 913.4 | 14 553.7 | 18 112.3 | 24 199.8 | 27 133.3 | 31 979.8 | 36 585.9 | 38 046.5 | 39 493.3 |

GDP using purchasing power parities (billion 2000 US dollars)
PIB basé sur les parités de pouvoir d'achat (milliards \$US 2000)

BIP auf Kaufkraftparitätenbasis (Milliarden 2000 US\$)

PIL utilizzando le parità di potere d'acquisto (miliardi di \$US 2000)

購買力平価換算による国内総生産 (十億米ドル, 2000年価格)

PIB basado en la paridad de poder adquisitivo (millardos 2000 US\$)

ВВП по ППС (млрд.долл.США в ценах 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Algeria | 51.8 | 68.6 | 104.5 | 137.3 | 139.1 | 162.3 | 206.0 | 209.7 | 216.2 |
| Angola | 14.8 | 16.0 | 15.0 | 18.8 | 14.9 | 20.2 | 33.1 | 39.3 | 47.6 |
| Benin | 2.5 | 2.8 | 3.4 | 4.4 | 5.4 | 7.0 | 8.5 | 8.8 | 9.2 |
| Botswana | .. | .. | .. | 8.1 | 9.8 | 14.7 | 19.2 | 19.9 | 20.9 |
| Cameroon | 9.7 | 10.5 | 17.6 | 24.4 | 22.1 | 27.9 | 33.5 | 34.6 | 35.8 |
| Congo | 1.1 | 1.3 | 2.0 | 3.1 | 3.2 | 3.6 | 4.5 | 4.8 | 4.7 |
| DR of Congo | 49.9 | 54.0 | 49.1 | 53.6 | 36.8 | 30.1 | 36.6 | 38.5 | 41.0 |
| Côte d'Ivoire | 12.9 | 14.2 | 19.7 | 21.2 | 22.8 | 26.6 | 26.6 | 26.8 | 27.2 |
| Egypt | 50.0 | 51.4 | 91.5 | 155.9 | 184.2 | 237.3 | 282.3 | 301.6 | 323.0 |
| Eritrea | .. | .. | .. | .. | 3.5 | 3.6 | 4.1 | 4.1 | 4.1 |
| Ethiopia | 28.0 | 30.1 | 34.1 | 41.3 | 43.4 | 54.2 | 74.1 | 82.1 | 91.2 |
| Gabon | 2.8 | 3.4 | 5.3 | 6.3 | 7.3 | 7.4 | 8.1 | 8.2 | 8.7 |
| Ghana | 20.6 | 20.7 | 20.3 | 25.1 | 30.9 | 38.2 | 48.8 | 52.0 | 55.2 |
| Kenya | 10.0 | 12.4 | 17.7 | 26.3 | 28.5 | 31.7 | 37.8 | 40.2 | 43.0 |
| Libyan Arab Jamahiriya | 46.7 | 41.0 | 59.6 | 40.5 | 43.2 | 46.9 | 59.8 | 63.1 | 67.4 |
| Morocco | 38.6 | 40.9 | 60.7 | 88.5 | 92.7 | 111.8 | 142.6 | 153.6 | 157.8 |
| Mozambique | 10.8 | 11.8 | 9.3 | 9.5 | 11.2 | 16.1 | 24.3 | 26.4 | 28.3 |
| Namibia | .. | .. | .. | .. | 9.3 | 11.1 | 14.0 | 14.4 | 15.2 |
| Nigeria | 51.9 | 56.6 | 72.2 | 80.3 | 90.8 | 105.6 | 142.2 | 151.0 | 159.9 |
| Senegal | 7.6 | 7.7 | 9.1 | 11.7 | 13.0 | 15.8 | 19.9 | 20.4 | 21.3 |
| South Africa | 207.5 | 220.6 | 277.2 | 322.0 | 336.1 | 385.6 | 466.3 | 491.5 | 516.6 |
| Sudan | 16.0 | 15.3 | 22.1 | 28.3 | 36.3 | 49.6 | 66.4 | 73.9 | 81.4 |
| United Rep. of Tanzania | 6.9 | 7.6 | 9.5 | 13.2 | 14.4 | 17.6 | 24.3 | 26.0 | 27.8 |
| Togo | 3.5 | 3.9 | 5.3 | 5.9 | 5.9 | 7.3 | 8.1 | 8.4 | 8.6 |
| Tunisia | 14.5 | 16.9 | 26.6 | 37.8 | 45.7 | 60.1 | 74.5 | 78.8 | 83.8 |
| Zambia | 6.2 | 6.7 | 7.1 | 7.9 | 7.3 | 8.4 | 10.6 | 11.3 | 12.0 |
| Zimbabwe | 14.9 | 16.5 | 18.6 | 28.6 | 30.4 | 31.5 | 23.9 | 22.8 | 21.4 |
| Other Africa | 95.9 | 97.2 | 117.5 | 140.5 | 141.6 | 176.0 | 219.2 | 229.1 | 243.1 |
| Africa | 775.2 | 828.1 | 1 074.8 | 1 340.3 | 1 429.9 | 1 708.2 | 2 119.4 | 2 241.0 | 2 372.5 |
| Argentina | 263.1 | 274.9 | 333.1 | 286.1 | 392.9 | 446.3 | 492.4 | 534.1 | 580.4 |
| Bolivia | 9.7 | 11.1 | 13.6 | 13.7 | 16.8 | 19.9 | 23.1 | 24.2 | 25.3 |
| Brazil | 410.5 | 524.2 | 830.6 | 968.4 | 1 126.4 | 1 244.3 | 1 427.4 | 1 481.0 | 1 561.3 |
| Chile | 43.0 | 40.5 | 52.3 | 75.7 | 114.8 | 140.7 | 172.9 | 180.4 | 189.6 |
| Colombia | 95.0 | 109.2 | 153.4 | 218.1 | 267.1 | 279.5 | 338.7 | 362.3 | 389.6 |
| Costa Rica | 9.3 | 10.8 | 15.0 | 19.3 | 25.2 | 32.1 | 39.2 | 42.7 | 46.0 |
| Cuba | 35.7 | 38.7 | 50.3 | 75.0 | 52.0 | 65.1 | 81.8 | 92.1 | 98.5 |
| Dominican Republic | 13.8 | 17.2 | 24.8 | 31.3 | 38.4 | 55.9 | 66.2 | 73.2 | 79.5 |
| Ecuador | 14.7 | 17.9 | 27.1 | 33.2 | 37.9 | 39.7 | 51.8 | 53.8 | 55.2 |
| El Salvador | 15.9 | 17.7 | 19.1 | 18.4 | 24.8 | 28.9 | 32.3 | 33.6 | 35.2 |
| Guatemala | 16.9 | 19.3 | 27.7 | 30.2 | 37.2 | 45.2 | 52.5 | 55.3 | 58.4 |
| Haiti | 10.9 | 11.2 | 15.3 | 14.7 | 11.4 | 12.9 | 12.5 | 12.8 | 13.2 |
| Honduras | 7.7 | 8.8 | 12.5 | 15.9 | 19.0 | 22.0 | 27.6 | 29.4 | 31.2 |
| Jamaica | 6.5 | 7.3 | 5.9 | 7.7 | 9.3 | 9.3 | 10.1 | 10.4 | 9.6 |
| Netherlands Antilles | .. | .. | 2.3 | 2.4 | 2.7 | 2.7 | 2.8 | 2.9 | 2.9 |
| Nicaragua | 12.6 | 13.7 | 12.7 | 11.0 | 12.1 | 15.4 | 18.0 | 18.7 | 19.4 |
| Panama | 7.0 | 7.7 | 9.5 | 10.9 | 14.2 | 17.8 | 22.0 | 23.9 | 26.7 |
| Paraguay | 6.4 | 7.3 | 14.2 | 18.7 | 22.5 | 22.3 | 25.3 | 26.4 | 28.1 |
| Peru | 65.6 | 71.1 | 89.9 | 83.0 | 108.4 | 122.6 | 150.5 | 162.2 | 176.5 |
| Trinidad and Tobago | 6.5 | 7.0 | 10.7 | 8.6 | 9.2 | 11.7 | 17.2 | 19.3 | 20.3 |
| Uruguay | 16.2 | 16.0 | 21.8 | 21.7 | 26.4 | 29.3 | 30.6 | 32.8 | 35.2 |
| Venezuela | 81.6 | 88.6 | 105.0 | 113.8 | 134.9 | 140.0 | 158.8 | 175.2 | 190.0 |
| Other Latin America | 15.5 | 16.2 | 20.7 | 27.1 | 29.4 | 34.7 | 38.6 | 40.3 | 41.7 |
| Latin America | 1 163.9 | 1 336.3 | 1 867.5 | 2 104.9 | 2 533.0 | 2 838.2 | 3 292.6 | 3 486.9 | 3 713.9 |

Due to a lack of complete series for GDP data, regional aggregates do not include Netherlands Antilles from 1971 to 1979.

GDP using purchasing power parities (billion 2000 US dollars)
PIB basé sur les parités de pouvoir d'achat (milliards \$US 2000)

BIP auf Kaufkraftparitätenbasis (Milliarden 2000 US\$)

PIL utilizzando le parità di potere d'acquisto (miliardi di \$US 2000)

購買力平価換算による国内総生産 (十億米ドル, 2000年価格)

PIB basado en la paridad de poder adquisitivo (millardos 2000 US\$)

ВВП по ППС (млрд.долл.США в ценах 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| Bangladesh | 75.3 | 67.0 | 86.4 | 124.5 | 154.3 | 199.0 | 259.2 | 276.4 | 294.1 |
| Brunei Darussalam | 2.7 | 3.1 | 5.3 | 4.5 | 4.9 | 5.2 | 5.8 | 6.0 | 6.0 |
| Cambodia | .. | .. | .. | .. | 16.0 | 22.8 | 35.6 | 39.5 | 43.5 |
| Chinese Taipei | 53.6 | 68.6 | 121.4 | 261.4 | 370.8 | 491.4 | 575.1 | 602.0 | 636.3 |
| India | 621.7 | 638.8 | 822.5 | 1 411.9 | 1 809.1 | 2 402.0 | 3 365.1 | 3 690.5 | 4 024.9 |
| Indonesia | 107.2 | 126.9 | 213.6 | 396.4 | 578.8 | 599.3 | 754.9 | 796.6 | 846.9 |
| DPR of Korea | 10.6 | 13.5 | 28.7 | 54.8 | 43.0 | 38.2 | 39.8 | 40.5 | 40.0 |
| Malaysia | 28.7 | 35.1 | 57.7 | 103.0 | 162.0 | 204.7 | 258.1 | 273.0 | 290.3 |
| Mongolia | .. | .. | .. | 4.3 | 3.7 | 4.2 | 5.8 | 6.3 | 6.9 |
| Myanmar | 15.8 | 16.0 | 23.9 | 27.2 | 35.9 | 53.9 | 98.2 | 105.1 | 110.9 |
| Nepal | 10.1 | 10.4 | 12.5 | 19.9 | 25.6 | 32.4 | 38.2 | 39.6 | 40.8 |
| Pakistan | 61.5 | 66.4 | 96.8 | 178.0 | 223.2 | 262.0 | 334.2 | 354.9 | 376.2 |
| Philippines | 113.6 | 130.5 | 191.5 | 226.3 | 251.9 | 305.5 | 380.4 | 400.9 | 429.7 |
| Singapore | 10.8 | 13.6 | 22.3 | 45.7 | 69.8 | 94.8 | 116.6 | 126.2 | 135.9 |
| Sri Lanka | 17.5 | 18.7 | 26.6 | 40.1 | 52.1 | 66.7 | 81.0 | 87.2 | 93.1 |
| Thailand | 63.8 | 73.3 | 118.0 | 251.1 | 379.8 | 388.4 | 497.7 | 523.1 | 548.0 |
| Vietnam | 41.0 | 37.5 | 43.8 | 76.3 | 113.2 | 158.4 | 227.5 | 246.2 | 267.0 |
| Other Asia | 36.0 | 36.9 | 44.3 | 52.8 | 57.3 | 62.5 | 86.0 | 91.9 | 101.0 |
| Asia | 1 269.9 | 1 356.1 | 1 915.2 | 3 278.1 | 4 351.4 | 5 391.1 | 7 159.2 | 7 705.7 | 8 291.7 |
| People's Rep. of China | 444.5 | 497.8 | 759.4 | 1 845.6 | 3 291.0 | 4 975.2 | 7 859.8 | 8 771.5 | 9 911.8 |
| Hong Kong, China | 26.8 | 34.9 | 62.3 | 119.2 | 153.8 | 175.1 | 214.4 | 229.4 | 244.1 |
| China | 471.3 | 532.8 | 821.7 | 1 964.9 | 3 444.8 | 5 150.2 | 8 074.2 | 9 000.9 | 10 155.8 |
| Albania | 5.3 | 6.4 | 8.8 | 9.9 | 8.7 | 11.4 | 14.8 | 15.5 | 16.5 |
| Bosnia and Herzegovina | .. | .. | .. | 5.7 | 6.1 | 20.5 | 26.2 | 27.8 | 29.3 |
| Bulgaria | 24.9 | 29.1 | 45.8 | 58.2 | 51.0 | 48.9 | 63.2 | 67.2 | 71.4 |
| Croatia | .. | .. | .. | 47.8 | 34.7 | 41.0 | 51.8 | 54.2 | 57.3 |
| Cyprus | 3.1 | 3.4 | 4.9 | 9.0 | 11.2 | 13.6 | 15.9 | 16.5 | 17.2 |
| Gibraltar | 0.4 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 0.9 | 0.9 |
| FYR of Macedonia | .. | .. | .. | 13.3 | 10.5 | 12.2 | 13.1 | 13.6 | 14.2 |
| Malta | 1.1 | 1.3 | 2.9 | 4.2 | 5.5 | 6.9 | 7.2 | 7.4 | 7.7 |
| Romania | 67.0 | 81.8 | 146.2 | 157.0 | 141.0 | 132.3 | 174.6 | 188.4 | 199.7 |
| Serbia | .. | .. | .. | 37.5 | 36.8 | 36.6 | 42.6 | 45.0 | 48.4 |
| Slovenia | .. | .. | .. | 28.8 | 27.9 | 34.5 | 41.3 | 43.7 | 46.7 |
| Former Yugoslavia | 73.0 | 77.5 | 120.6 | x | x | x | x | x | x |
| Non-OECD Europe | 174.8 | 199.9 | 329.6 | 372.2 | 334.1 | 358.6 | 451.4 | 480.2 | 509.3 |
| Armenia | .. | .. | .. | 11.0 | 5.8 | 7.5 | 13.3 | 15.0 | 17.1 |
| Azerbaijan | .. | .. | .. | 33.8 | 14.2 | 19.9 | 37.5 | 50.5 | 63.1 |
| Belarus | .. | .. | .. | 54.2 | 35.4 | 48.1 | 69.0 | 75.9 | 82.1 |
| Estonia | .. | .. | .. | 13.6 | 9.6 | 12.9 | 18.8 | 20.7 | 22.0 |
| Georgia | .. | .. | .. | 25.1 | 7.1 | 9.4 | 13.4 | 14.7 | 16.5 |
| Kazakhstan | .. | .. | .. | 93.2 | 57.2 | 64.7 | 105.9 | 117.2 | 127.7 |
| Kyrgyzstan | .. | .. | .. | 11.0 | 5.6 | 7.4 | 8.9 | 9.1 | 9.9 |
| Latvia | .. | .. | .. | 25.2 | 14.4 | 18.9 | 28.0 | 31.5 | 34.7 |
| Lithuania | .. | .. | .. | 43.0 | 25.0 | 30.5 | 44.5 | 47.9 | 52.1 |
| Republic of Moldova | .. | .. | .. | 15.9 | 6.4 | 5.6 | 7.9 | 8.3 | 8.6 |
| Russian Federation | .. | .. | .. | 1 523.6 | 946.5 | 1 025.4 | 1 381.3 | 1 483.6 | 1 603.7 |
| Tajikistan | .. | .. | .. | 11.5 | 4.4 | 4.4 | 6.9 | 7.3 | 7.9 |
| Turkmenistan | .. | .. | .. | 20.2 | 12.6 | 15.4 | 31.4 | 34.2 | 38.2 |
| Ukraine | .. | .. | .. | 456.9 | 219.3 | 198.5 | 287.2 | 308.2 | 331.6 |
| Uzbekistan | .. | .. | .. | 37.7 | 30.6 | 36.9 | 48.0 | 51.6 | 56.4 |
| Former Soviet Union | 1 665.5 | 1 899.8 | 2 540.8 | 2 375.9 | 1 393.8 | 1 505.4 | 2 102.1 | 2 275.7 | 2 471.6 |

GDP using purchasing power parities (billion 2000 US dollars)
PIB basé sur les parités de pouvoir d'achat (milliards \$US 2000)

BIP auf Kaufkraftparitätenbasis (Milliarden 2000 US\$)

PIL utilizzando le parità di potere d'acquisto (miliardi di \$US 2000)

購買力平価換算による国内総生産 (十億米ドル, 2000年価格)

PIB basado en la paridad de poder adquisitivo (millardos 2000 US\$)

ВВП по ППС (млрд.долл.США в ценах 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Bahrain | 1.7 | 1.7 | 5.2 | 6.1 | 8.5 | 10.4 | 14.0 | 15.1 | 16.1 |
| Islamic Republic of Iran | 170.0 | 208.6 | 209.1 | 256.5 | 303.2 | 369.7 | 485.2 | 513.8 | 554.0 |
| Iraq | 69.0 | 76.1 | 132.0 | 45.1 | 17.2 | 35.4 | 27.1 | 27.2 | 28.5 |
| Israel | 39.9 | 46.9 | 62.4 | 89.2 | 122.1 | 155.0 | 172.4 | 181.3 | 191.1 |
| Jordan | 4.9 | 4.9 | 10.0 | 12.2 | 17.2 | 20.1 | 27.2 | 28.9 | 30.6 |
| Kuwait | 36.3 | 36.1 | 31.7 | 28.8 | 39.1 | 42.9 | 64.4 | 67.6 | 70.7 |
| Lebanon | 12.2 | 14.3 | 10.2 | 8.1 | 14.4 | 16.2 | 19.8 | 19.8 | 20.2 |
| Oman | 4.9 | 4.6 | 8.3 | 19.6 | 26.1 | 30.8 | 38.7 | 41.6 | 44.7 |
| Qatar | 8.1 | 10.8 | 9.5 | 7.9 | 9.1 | 15.9 | 23.3 | 25.4 | 29.0 |
| Saudi Arabia | 78.8 | 122.2 | 229.1 | 214.8 | 247.4 | 280.8 | 338.2 | 348.9 | 360.7 |
| Syrian Arab Republic | 11.1 | 12.7 | 26.1 | 32.4 | 47.5 | 53.2 | 65.4 | 68.7 | 73.2 |
| United Arab Emirates | 8.7 | 18.5 | 46.7 | 45.8 | 54.2 | 69.7 | 96.7 | 106.0 | 113.9 |
| Yemen | 2.1 | 2.5 | 5.1 | 8.6 | 11.3 | 14.7 | 18.1 | 18.7 | 19.4 |
| Middle East | 447.7 | 559.8 | 785.5 | 775.1 | 917.2 | 1 115.0 | 1 390.5 | 1 463.1 | 1 552.2 |
| Non-OECD Total | 5 968.4 | 6 712.8 | 9 335.2 | 12 211.6 | 14 404.2 | 18 066.8 | 24 589.4 | 26 653.6 | 29 067.1 |
| <i>European Union - 27</i> | .. | .. | .. | 8 557.2 | 9 151.5 | 10 570.2 | 11 641.5 | 12 025.8 | 12 392.8 |
| OECD North America | 4 519.8 | 5 075.2 | 6 210.0 | 8 410.4 | 9 441.8 | 11 623.7 | 13 006.1 | 13 392.8 | 13 684.1 |
| OECD Pacific | 1 675.7 | 1 938.8 | 2 459.3 | 3 724.7 | 4 219.4 | 4 624.0 | 5 144.4 | 5 298.2 | 5 453.8 |
| OECD Europe | 5 342.1 | 5 942.2 | 7 051.4 | 8 952.4 | 9 694.2 | 11 258.2 | 12 416.8 | 12 834.8 | 13 223.1 |
| OECD Total | 11 537.6 | 12 956.2 | 15 720.6 | 21 087.5 | 23 355.3 | 27 505.9 | 30 567.3 | 31 525.8 | 32 360.9 |
| World | 17 506.0 | 19 669.1 | 25 055.8 | 33 299.1 | 37 759.5 | 45 572.7 | 55 156.7 | 58 179.4 | 61 428.0 |

Population (millions)**Population (millions)***Bevölkerung (Millionen)**Popolazione (milioni)**人口 (100 万人)**Población (millones)**Численность населения (млн. человек)*

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Algeria | 14.2 | 15.1 | 18.8 | 25.3 | 28.3 | 30.5 | 32.9 | 33.4 | 33.9 |
| Angola | 6.2 | 6.5 | 7.8 | 10.5 | 12.3 | 13.9 | 16.1 | 16.6 | 17.0 |
| Benin | 2.9 | 3.0 | 3.7 | 5.2 | 6.2 | 7.2 | 8.5 | 8.8 | 9.0 |
| Botswana | .. | .. | .. | 1.4 | 1.6 | 1.7 | 1.8 | 1.9 | 1.9 |
| Cameroon | 7.0 | 7.4 | 9.1 | 12.2 | 14.1 | 15.9 | 17.8 | 18.2 | 18.5 |
| Congo | 1.4 | 1.5 | 1.8 | 2.4 | 2.8 | 3.2 | 3.6 | 3.7 | 3.8 |
| DR of Congo | 21.2 | 22.5 | 28.1 | 37.9 | 45.3 | 50.7 | 58.7 | 60.6 | 62.4 |
| Côte d'Ivoire | 5.5 | 6.0 | 8.3 | 12.8 | 15.0 | 17.0 | 18.6 | 18.9 | 19.3 |
| Egypt | 36.0 | 37.5 | 43.7 | 55.1 | 60.6 | 66.5 | 72.9 | 74.2 | 75.5 |
| Eritrea | .. | .. | .. | .. | 3.2 | 3.7 | 4.5 | 4.7 | 4.8 |
| Ethiopia | 30.7 | 32.4 | 37.1 | 51.2 | 56.6 | 65.8 | 75.2 | 77.2 | 79.1 |
| Gabon | 0.5 | 0.6 | 0.7 | 0.9 | 1.1 | 1.2 | 1.3 | 1.3 | 1.3 |
| Ghana | 9.3 | 9.8 | 11.4 | 15.6 | 17.9 | 20.1 | 22.5 | 23.0 | 23.5 |
| Kenya | 11.7 | 12.6 | 16.3 | 23.4 | 27.4 | 31.3 | 35.6 | 36.6 | 37.5 |
| Libyan Arab Jamahiriya | 2.1 | 2.3 | 3.1 | 4.4 | 4.8 | 5.3 | 5.9 | 6.0 | 6.2 |
| Morocco | 15.4 | 16.2 | 19.4 | 24.2 | 26.4 | 28.5 | 30.1 | 30.5 | 30.9 |
| Mozambique | 9.7 | 10.1 | 12.1 | 13.5 | 15.9 | 18.2 | 20.5 | 21.0 | 21.4 |
| Namibia | .. | .. | .. | .. | 1.7 | 1.9 | 2.0 | 2.0 | 2.1 |
| Nigeria | 55.1 | 57.9 | 71.1 | 94.5 | 109.0 | 124.8 | 141.4 | 144.7 | 148.0 |
| Senegal | 4.5 | 4.8 | 5.9 | 7.9 | 9.1 | 10.3 | 11.8 | 12.1 | 12.4 |
| South Africa | 22.6 | 23.7 | 27.6 | 35.2 | 39.1 | 44.0 | 46.9 | 47.4 | 47.6 |
| Sudan | 14.9 | 15.8 | 19.6 | 25.9 | 29.5 | 33.3 | 36.9 | 37.7 | 38.6 |
| United Rep. of Tanzania | 14.0 | 15.0 | 18.7 | 25.5 | 29.9 | 33.8 | 38.5 | 39.5 | 40.4 |
| Togo | 2.2 | 2.3 | 2.8 | 4.0 | 4.5 | 5.4 | 6.2 | 6.4 | 6.6 |
| Tunisia | 5.2 | 5.4 | 6.4 | 8.2 | 9.0 | 9.6 | 10.0 | 10.1 | 10.2 |
| Zambia | 4.4 | 4.7 | 5.9 | 8.1 | 9.3 | 10.5 | 11.5 | 11.7 | 11.9 |
| Zimbabwe | 5.4 | 5.8 | 7.3 | 10.5 | 11.8 | 12.7 | 13.1 | 13.2 | 13.4 |
| Other Africa | 68.9 | 72.1 | 88.7 | 116.0 | 127.0 | 148.1 | 171.3 | 176.3 | 181.4 |
| Africa | 371.0 | 390.9 | 475.3 | 631.8 | 719.3 | 815.2 | 916.2 | 937.5 | 958.4 |
| Argentina | 24.4 | 25.2 | 28.1 | 32.6 | 34.8 | 36.9 | 38.7 | 39.1 | 39.5 |
| Bolivia | 4.3 | 4.5 | 5.4 | 6.7 | 7.5 | 8.3 | 9.2 | 9.4 | 9.5 |
| Brazil | 98.4 | 103.1 | 121.6 | 149.5 | 161.6 | 174.2 | 186.8 | 189.3 | 191.6 |
| Chile | 9.7 | 10.1 | 11.2 | 13.2 | 14.4 | 15.4 | 16.3 | 16.4 | 16.6 |
| Colombia | 23.1 | 24.2 | 28.4 | 34.9 | 38.3 | 41.7 | 44.9 | 45.6 | 46.1 |
| Costa Rica | 1.9 | 2.0 | 2.3 | 3.1 | 3.5 | 3.9 | 4.3 | 4.4 | 4.5 |
| Cuba | 8.9 | 9.2 | 9.8 | 10.6 | 10.9 | 11.1 | 11.3 | 11.3 | 11.3 |
| Dominican Republic | 4.7 | 5.0 | 5.9 | 7.3 | 8.0 | 8.7 | 9.5 | 9.6 | 9.8 |
| Ecuador | 6.1 | 6.5 | 8.0 | 10.3 | 11.4 | 12.3 | 13.1 | 13.2 | 13.3 |
| El Salvador | 3.7 | 3.9 | 4.6 | 5.1 | 5.6 | 6.2 | 6.7 | 6.8 | 6.9 |
| Guatemala | 5.6 | 5.9 | 7.0 | 8.9 | 10.0 | 11.2 | 12.7 | 13.0 | 13.3 |
| Haiti | 4.8 | 5.0 | 5.7 | 7.1 | 7.8 | 8.6 | 9.3 | 9.4 | 9.6 |
| Honduras | 2.8 | 2.9 | 3.6 | 4.9 | 5.6 | 6.2 | 6.8 | 7.0 | 7.1 |
| Jamaica | 1.9 | 2.0 | 2.1 | 2.4 | 2.5 | 2.6 | 2.7 | 2.7 | 2.7 |
| Netherlands Antilles | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Nicaragua | 2.5 | 2.6 | 3.3 | 4.1 | 4.7 | 5.1 | 5.5 | 5.5 | 5.6 |
| Panama | 1.5 | 1.6 | 1.9 | 2.4 | 2.7 | 3.0 | 3.2 | 3.3 | 3.3 |
| Paraguay | 2.4 | 2.5 | 3.1 | 4.2 | 4.8 | 5.3 | 5.9 | 6.0 | 6.1 |
| Peru | 13.6 | 14.3 | 17.3 | 21.8 | 23.9 | 25.7 | 27.3 | 27.6 | 27.9 |
| Trinidad and Tobago | 1.0 | 1.0 | 1.1 | 1.2 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| Uruguay | 2.8 | 2.8 | 2.9 | 3.1 | 3.2 | 3.3 | 3.3 | 3.3 | 3.3 |
| Venezuela | 11.1 | 11.9 | 15.1 | 19.8 | 22.0 | 24.3 | 26.6 | 27.0 | 27.5 |
| Other Latin America | 2.6 | 2.6 | 2.7 | 3.0 | 3.2 | 3.3 | 3.6 | 3.6 | 3.6 |
| Latin America | 237.8 | 249.1 | 291.4 | 356.3 | 387.8 | 418.9 | 449.1 | 455.0 | 460.6 |

Population (millions)**Population (millions)***Bevölkerung (Millionen)**Popolazione (milioni)**人口 (100 万人)**Población (millones)**Численность населения (млн. человек)*

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Bangladesh | 71.6 | 75.3 | 88.9 | 113.0 | 126.3 | 139.4 | 153.3 | 156.0 | 158.6 |
| Brunei Darussalam | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 |
| Cambodia | .. | .. | .. | .. | 11.4 | 12.8 | 14.0 | 14.2 | 14.4 |
| Chinese Taipei | 14.9 | 15.5 | 17.8 | 20.3 | 21.3 | 22.2 | 22.7 | 22.8 | 22.9 |
| India | 560.3 | 586.2 | 687.3 | 849.5 | 932.2 | 1 015.9 | 1 094.6 | 1 109.8 | 1 123.3 |
| Indonesia | 120.4 | 126.4 | 148.3 | 178.2 | 192.8 | 206.3 | 220.6 | 223.0 | 225.6 |
| DPR of Korea | 14.6 | 15.4 | 17.2 | 20.1 | 21.7 | 22.9 | 23.6 | 23.7 | 23.8 |
| Malaysia | 11.1 | 11.7 | 13.8 | 18.1 | 20.6 | 23.3 | 25.7 | 26.1 | 26.6 |
| Mongolia | .. | .. | .. | 2.1 | 2.3 | 2.4 | 2.6 | 2.6 | 2.6 |
| Myanmar | 27.0 | 28.4 | 33.3 | 40.1 | 43.1 | 45.9 | 48.0 | 48.4 | 48.8 |
| Nepal | 12.4 | 13.0 | 15.2 | 19.1 | 21.7 | 24.4 | 27.1 | 27.6 | 28.1 |
| Pakistan | 62.5 | 66.7 | 82.7 | 108.0 | 122.4 | 138.1 | 155.8 | 159.0 | 162.4 |
| Philippines | 37.6 | 39.8 | 48.1 | 61.2 | 68.6 | 76.2 | 84.6 | 86.3 | 87.9 |
| Singapore | 2.1 | 2.2 | 2.4 | 3.0 | 3.5 | 4.0 | 4.3 | 4.4 | 4.6 |
| Sri Lanka | 12.6 | 13.1 | 14.7 | 17.0 | 18.1 | 19.4 | 19.7 | 19.9 | 19.9 |
| Thailand | 38.2 | 40.2 | 46.8 | 54.3 | 57.5 | 60.7 | 63.0 | 63.4 | 63.8 |
| Vietnam | 43.7 | 45.8 | 53.7 | 66.2 | 73.0 | 77.6 | 83.1 | 84.1 | 85.1 |
| Other Asia | 28.9 | 30.2 | 32.8 | 36.3 | 34.3 | 38.8 | 46.4 | 47.9 | 49.0 |
| Asia | 1 058.3 | 1 110.0 | 1 303.3 | 1 607.0 | 1 771.0 | 1 930.6 | 2 089.1 | 2 119.6 | 2 147.9 |
| People's Rep. of China | 841.1 | 881.9 | 981.2 | 1 135.2 | 1 204.9 | 1 262.6 | 1 304.5 | 1 311.8 | 1 320.0 |
| Hong Kong, China | 4.0 | 4.2 | 5.1 | 5.7 | 6.2 | 6.7 | 6.8 | 6.9 | 6.9 |
| China | 845.2 | 886.2 | 986.3 | 1 140.9 | 1 211.0 | 1 269.3 | 1 311.3 | 1 318.7 | 1 326.9 |
| Albania | 2.2 | 2.3 | 2.7 | 3.3 | 3.2 | 3.1 | 3.2 | 3.2 | 3.2 |
| Bosnia and Herzegovina | .. | .. | .. | 4.3 | 3.3 | 3.7 | 3.8 | 3.8 | 3.8 |
| Bulgaria | 8.5 | 8.6 | 8.9 | 8.7 | 8.4 | 8.1 | 7.7 | 7.7 | 7.6 |
| Croatia | .. | .. | .. | 4.8 | 4.7 | 4.5 | 4.4 | 4.4 | 4.4 |
| Cyprus | 0.6 | 0.6 | 0.5 | 0.6 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 |
| Gibraltar | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| FYR of Macedonia | .. | .. | .. | 1.9 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| Malta | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| Romania | 20.5 | 20.8 | 22.2 | 23.2 | 22.7 | 22.4 | 21.6 | 21.6 | 21.5 |
| Serbia | .. | .. | .. | 9.9 | 10.9 | 8.2 | 7.4 | 7.4 | 7.4 |
| Slovenia | .. | .. | .. | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| Former Yugoslavia | 20.0 | 20.4 | 21.6 | x | x | x | x | x | x |
| Non-OECD Europe | 52.2 | 53.1 | 56.3 | 59.1 | 58.1 | 55.1 | 53.4 | 53.3 | 53.2 |
| Armenia | .. | .. | .. | 3.5 | 3.2 | 3.1 | 3.0 | 3.0 | 3.0 |
| Azerbaijan | .. | .. | .. | 7.2 | 7.7 | 8.0 | 8.4 | 8.5 | 8.6 |
| Belarus | .. | .. | .. | 10.2 | 10.2 | 10.0 | 9.8 | 9.7 | 9.7 |
| Estonia | .. | .. | .. | 1.6 | 1.4 | 1.4 | 1.3 | 1.3 | 1.3 |
| Georgia | .. | .. | .. | 5.5 | 5.0 | 4.7 | 4.5 | 4.4 | 4.4 |
| Kazakhstan | .. | .. | .. | 16.3 | 15.8 | 14.9 | 15.1 | 15.3 | 15.5 |
| Kyrgyzstan | .. | .. | .. | 4.4 | 4.6 | 4.9 | 5.1 | 5.2 | 5.2 |
| Latvia | .. | .. | .. | 2.7 | 2.5 | 2.4 | 2.3 | 2.3 | 2.3 |
| Lithuania | .. | .. | .. | 3.7 | 3.6 | 3.5 | 3.4 | 3.4 | 3.4 |
| Republic of Moldova | .. | .. | .. | 4.4 | 4.4 | 4.1 | 3.9 | 3.8 | 3.8 |
| Russian Federation | .. | .. | .. | 148.3 | 148.1 | 146.3 | 143.2 | 142.5 | 141.6 |
| Tajikistan | .. | .. | .. | 5.3 | 5.8 | 6.2 | 6.6 | 6.6 | 6.7 |
| Turkmenistan | .. | .. | .. | 3.7 | 4.2 | 4.5 | 4.8 | 4.9 | 5.0 |
| Ukraine | .. | .. | .. | 51.9 | 51.5 | 49.2 | 47.1 | 46.8 | 46.4 |
| Uzbekistan | .. | .. | .. | 20.5 | 22.8 | 24.7 | 26.2 | 26.5 | 26.9 |
| Former Soviet Union | 244.9 | 249.7 | 265.9 | 289.1 | 290.9 | 287.8 | 284.7 | 284.3 | 283.8 |

Population (millions)**Population (millions)***Bevölkerung (Millionen)**Popolazione (milioni)**人口 (100 万人)**Población (millones)**Численность населения (млн. человек)*

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Bahrain | 0.2 | 0.2 | 0.3 | 0.5 | 0.6 | 0.7 | 0.7 | 0.7 | 0.8 |
| Islamic Republic of Iran | 29.4 | 31.2 | 39.1 | 54.4 | 59.0 | 63.9 | 69.1 | 70.1 | 71.0 |
| Iraq | 9.7 | 10.4 | 13.2 | 18.1 | 19.6 | 22.7 | 26.1 | 26.8 | 27.5 |
| Israel | 3.1 | 3.3 | 3.9 | 4.7 | 5.5 | 6.3 | 6.9 | 7.0 | 7.2 |
| Jordan | 1.6 | 1.7 | 2.2 | 3.2 | 4.2 | 4.8 | 5.4 | 5.5 | 5.7 |
| Kuwait | 0.8 | 0.9 | 1.4 | 2.1 | 1.8 | 2.2 | 2.5 | 2.6 | 2.7 |
| Lebanon | 2.5 | 2.6 | 2.8 | 3.0 | 3.5 | 3.8 | 4.0 | 4.1 | 4.1 |
| Oman | 0.8 | 0.8 | 1.2 | 1.8 | 2.2 | 2.4 | 2.5 | 2.5 | 2.6 |
| Qatar | 0.1 | 0.1 | 0.2 | 0.5 | 0.5 | 0.6 | 0.8 | 0.8 | 0.8 |
| Saudi Arabia | 6.0 | 6.6 | 9.6 | 16.4 | 18.5 | 20.7 | 23.1 | 23.7 | 24.2 |
| Syrian Arab Republic | 6.6 | 7.0 | 9.0 | 12.7 | 14.6 | 16.5 | 18.9 | 19.4 | 19.9 |
| United Arab Emirates | 0.3 | 0.4 | 1.0 | 1.8 | 2.4 | 3.2 | 4.1 | 4.2 | 4.4 |
| Yemen | 6.5 | 6.8 | 8.4 | 12.3 | 15.5 | 18.2 | 21.1 | 21.7 | 22.4 |
| Middle East | 67.5 | 72.1 | 92.3 | 131.5 | 147.9 | 165.9 | 185.3 | 189.3 | 193.2 |
| Non-OECD Total | 2 876.8 | 3 011.0 | 3 470.7 | 4 215.7 | 4 586.0 | 4 942.8 | 5 289.1 | 5 357.7 | 5 424.0 |
| <i>European Union - 27</i> | .. | .. | .. | 472.9 | 478.7 | 482.9 | 492.0 | 493.9 | 495.9 |
| OECD North America | 279.5 | 287.7 | 317.9 | 359.1 | 387.0 | 411.4 | 432.5 | 436.6 | 440.7 |
| OECD Pacific | 153.7 | 159.4 | 172.9 | 186.9 | 192.4 | 197.0 | 200.5 | 201.0 | 201.5 |
| OECD Europe | 448.4 | 455.0 | 473.8 | 497.6 | 510.3 | 521.5 | 536.8 | 539.8 | 543.0 |
| OECD Total | 881.6 | 902.1 | 964.6 | 1 043.6 | 1 089.8 | 1 129.9 | 1 169.8 | 1 177.4 | 1 185.3 |
| World | 3 758.4 | 3 913.1 | 4 435.4 | 5 259.2 | 5 675.7 | 6 072.7 | 6 458.9 | 6 535.2 | 6 609.3 |

Energy production/TPES (self-sufficiency)
Production d'énergie/ATEP (indépendance énergétique)

Energieerzeugung/TPES (Eigenversorgung)

Produzione di energia/ATEP (indice di autosufficienza energetica)

エネルギー生産量／一次エネルギー総供給量（自給率）

Producción energética/TPES (autosuficiencia energética)

Производство топлива и энергии/ОППТЭ (самостоятельность)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Algeria | 11.97 | 11.71 | 5.87 | 4.51 | 4.43 | 5.26 | 5.16 | 4.75 | 4.46 |
| Angola | 2.37 | 2.83 | 2.48 | 4.87 | 5.70 | 5.89 | 7.78 | 8.14 | 8.93 |
| Benin | 0.91 | 0.88 | 0.90 | 1.07 | 1.00 | 0.73 | 0.65 | 0.62 | 0.61 |
| Botswana | .. | .. | .. | 0.72 | 0.71 | 0.61 | 0.56 | 0.55 | 0.55 |
| Cameroon | 0.91 | 0.91 | 1.83 | 2.20 | 1.96 | 1.54 | 1.45 | 1.53 | 1.39 |
| Congo | 0.66 | 4.44 | 5.82 | 10.97 | 12.79 | 17.26 | 11.24 | 12.80 | 9.91 |
| DR of Congo | 0.89 | 0.89 | 1.01 | 1.02 | 1.05 | 1.05 | 1.03 | 1.02 | 1.02 |
| Côte d'Ivoire | 0.67 | 0.65 | 0.68 | 0.78 | 0.84 | 0.89 | 1.10 | 1.25 | 1.13 |
| Egypt | 2.10 | 1.23 | 2.21 | 1.72 | 1.69 | 1.25 | 1.26 | 1.25 | 1.22 |
| Eritrea | .. | .. | .. | .. | 0.73 | 0.72 | 0.65 | 0.74 | 0.74 |
| Ethiopia | 0.94 | 0.95 | 0.95 | 0.95 | 0.95 | 0.94 | 0.92 | 0.92 | 0.91 |
| Gabon | 6.03 | 5.98 | 6.87 | 12.38 | 14.61 | 10.35 | 6.96 | 6.88 | 6.49 |
| Ghana | 0.78 | 0.78 | 0.82 | 0.83 | 0.81 | 0.76 | 0.73 | 0.70 | 0.68 |
| Kenya | 0.76 | 0.76 | 0.76 | 0.80 | 0.82 | 0.78 | 0.81 | 0.79 | 0.80 |
| Libyan Arab Jamahiriya | 87.58 | 43.32 | 14.01 | 6.46 | 4.93 | 4.53 | 5.39 | 5.80 | 5.70 |
| Morocco | 0.26 | 0.23 | 0.18 | 0.11 | 0.10 | 0.06 | 0.05 | 0.05 | 0.05 |
| Mozambique | 0.89 | 0.90 | 0.91 | 0.95 | 0.94 | 1.01 | 1.18 | 1.22 | 1.20 |
| Namibia | .. | .. | .. | .. | 0.27 | 0.28 | 0.23 | 0.21 | 0.21 |
| Nigeria | 3.09 | 3.60 | 2.83 | 2.13 | 2.11 | 2.27 | 2.23 | 2.25 | 2.17 |
| Senegal | 0.66 | 0.64 | 0.57 | 0.57 | 0.57 | 0.50 | 0.45 | 0.45 | 0.47 |
| South Africa | 0.84 | 0.83 | 1.12 | 1.26 | 1.28 | 1.32 | 1.25 | 1.22 | 1.19 |
| Sudan | 0.81 | 0.80 | 0.85 | 0.83 | 0.87 | 1.49 | 1.75 | 1.88 | 2.36 |
| United Rep. of Tanzania | 0.91 | 0.90 | 0.91 | 0.93 | 0.91 | 0.95 | 0.92 | 0.92 | 0.92 |
| Togo | 0.85 | 0.86 | 0.85 | 0.83 | 0.87 | 0.84 | 0.84 | 0.86 | 0.85 |
| Tunisia | 2.81 | 2.41 | 2.04 | 1.16 | 0.92 | 0.91 | 0.81 | 0.78 | 0.89 |
| Zambia | 0.77 | 0.79 | 0.90 | 0.91 | 0.92 | 0.95 | 0.92 | 0.92 | 0.92 |
| Zimbabwe | 0.94 | 0.90 | 0.89 | 0.92 | 0.85 | 0.87 | 0.91 | 0.92 | 0.92 |
| Other Africa | 0.91 | 0.91 | 0.89 | 0.88 | 0.89 | 1.00 | 1.30 | 1.29 | 1.31 |
| Africa | 2.30 | 2.26 | 2.00 | 1.76 | 1.74 | 1.77 | 1.81 | 1.81 | 1.79 |
| Argentina | 0.91 | 0.86 | 0.93 | 1.05 | 1.24 | 1.35 | 1.28 | 1.21 | 1.12 |
| Bolivia | 2.23 | 3.78 | 1.79 | 1.77 | 1.46 | 1.19 | 2.86 | 2.96 | 2.77 |
| Brazil | 0.70 | 0.62 | 0.57 | 0.74 | 0.70 | 0.78 | 0.91 | 0.93 | 0.92 |
| Chile | 0.61 | 0.60 | 0.61 | 0.54 | 0.42 | 0.31 | 0.30 | 0.30 | 0.27 |
| Colombia | 1.40 | 1.24 | 0.96 | 1.99 | 2.11 | 2.74 | 2.84 | 2.86 | 3.02 |
| Costa Rica | 0.59 | 0.55 | 0.51 | 0.52 | 0.43 | 0.50 | 0.55 | 0.54 | 0.53 |
| Cuba | 0.35 | 0.31 | 0.29 | 0.40 | 0.44 | 0.55 | 0.54 | 0.52 | 0.52 |
| Dominican Republic | 0.52 | 0.42 | 0.39 | 0.25 | 0.24 | 0.18 | 0.21 | 0.20 | 0.20 |
| Ecuador | 0.60 | 4.96 | 2.34 | 2.75 | 3.19 | 2.81 | 2.87 | 2.72 | 2.45 |
| El Salvador | 0.72 | 0.67 | 0.76 | 0.69 | 0.53 | 0.53 | 0.55 | 0.57 | 0.58 |
| Guatemala | 0.70 | 0.69 | 0.68 | 0.76 | 0.72 | 0.74 | 0.67 | 0.67 | 0.64 |
| Haiti | 0.92 | 0.92 | 0.90 | 0.80 | 0.82 | 0.77 | 0.74 | 0.74 | 0.72 |
| Honduras | 0.73 | 0.72 | 0.70 | 0.71 | 0.59 | 0.51 | 0.44 | 0.49 | 0.45 |
| Jamaica | 0.14 | 0.09 | 0.10 | 0.17 | 0.15 | 0.13 | 0.13 | 0.12 | 0.10 |
| Nicaragua | 0.59 | 0.58 | 0.59 | 0.71 | 0.64 | 0.57 | 0.59 | 0.61 | 0.59 |
| Panama | 0.20 | 0.17 | 0.37 | 0.41 | 0.30 | 0.29 | 0.28 | 0.26 | 0.25 |
| Paraguay | 0.85 | 0.84 | 0.77 | 1.49 | 1.53 | 1.78 | 1.66 | 1.73 | 1.70 |
| Peru | 0.81 | 0.83 | 1.29 | 1.09 | 0.91 | 0.76 | 0.80 | 0.88 | 0.87 |
| Trinidad and Tobago | 3.11 | 3.79 | 3.45 | 2.11 | 1.95 | 1.83 | 2.48 | 2.43 | 2.42 |
| Uruguay | 0.22 | 0.23 | 0.29 | 0.51 | 0.39 | 0.33 | 0.34 | 0.25 | 0.38 |
| Venezuela | 10.74 | 9.60 | 3.96 | 3.42 | 3.82 | 3.92 | 3.44 | 3.21 | 2.88 |
| Other Latin America | 0.12 | 0.10 | 0.14 | 0.22 | 0.23 | 0.25 | 0.22 | 0.21 | 0.21 |
| Latin America | 1.73 | 1.60 | 1.13 | 1.25 | 1.32 | 1.36 | 1.37 | 1.34 | 1.28 |

Energy production/TPES (self-sufficiency)
Production d'énergie/ATEP (indépendance énergétique)

Energieerzeugung/TPES (Eigenversorgung)

Produzione di energia/ATEP (indice di autosufficienza energetica)

エネルギー生産量／一次エネルギー総供給量（自給率）

Producción energética/TPES (autosuficiencia energética)

Производство топлива и энергии/ОППТЭ (самостоятельность)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bangladesh | 0.85 | 0.84 | 0.80 | 0.84 | 0.80 | 0.82 | 0.81 | 0.83 | 0.83 |
| Brunei Darussalam | 37.52 | 38.20 | 15.65 | 8.88 | 7.89 | 8.02 | 8.29 | 7.99 | 7.30 |
| Cambodia | .. | .. | .. | .. | 0.86 | 0.81 | 0.73 | 0.72 | 0.71 |
| Chinese Taipei | 0.39 | 0.29 | 0.21 | 0.22 | 0.17 | 0.14 | 0.12 | 0.12 | 0.12 |
| India | 0.91 | 0.91 | 0.90 | 0.91 | 0.87 | 0.80 | 0.79 | 0.78 | 0.76 |
| Indonesia | 2.02 | 2.45 | 2.21 | 1.66 | 1.63 | 1.56 | 1.58 | 1.71 | 1.74 |
| DPR of Korea | 0.94 | 0.93 | 0.90 | 0.87 | 0.91 | 0.95 | 1.03 | 1.03 | 1.07 |
| Malaysia | 0.81 | 1.00 | 1.52 | 2.22 | 1.75 | 1.62 | 1.49 | 1.42 | 1.30 |
| Mongolia | .. | .. | .. | 0.80 | 0.83 | 0.81 | 1.06 | 1.08 | 1.15 |
| Myanmar | 0.93 | 0.99 | 1.01 | 1.00 | 0.93 | 1.23 | 1.46 | 1.49 | 1.53 |
| Nepal | 0.98 | 0.97 | 0.97 | 0.95 | 0.91 | 0.88 | 0.89 | 0.89 | 0.89 |
| Pakistan | 0.84 | 0.85 | 0.84 | 0.80 | 0.77 | 0.74 | 0.81 | 0.78 | 0.76 |
| Philippines | 0.46 | 0.43 | 0.53 | 0.57 | 0.47 | 0.49 | 0.55 | 0.55 | 0.56 |
| Sri Lanka | 0.74 | 0.69 | 0.71 | 0.76 | 0.68 | 0.57 | 0.55 | 0.57 | 0.55 |
| Thailand | 0.58 | 0.52 | 0.51 | 0.63 | 0.53 | 0.61 | 0.56 | 0.56 | 0.57 |
| Vietnam | 0.81 | 0.80 | 0.94 | 1.02 | 1.15 | 1.30 | 1.36 | 1.38 | 1.33 |
| Other Asia | 1.09 | 1.06 | 0.89 | 1.28 | 1.32 | 1.09 | 1.19 | 1.22 | 1.10 |
| Asia | 0.99 | 1.04 | 1.03 | 0.99 | 0.94 | 0.89 | 0.89 | 0.90 | 0.89 |
| People's Rep. of China | 1.01 | 1.01 | 1.03 | 1.03 | 1.02 | 0.97 | 0.96 | 0.93 | 0.93 |
| Hong Kong, China | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| China | 1.00 | 1.00 | 1.02 | 1.02 | 1.01 | 0.96 | 0.95 | 0.92 | 0.92 |
| Albania | 1.42 | 1.73 | 1.12 | 0.92 | 0.93 | 0.56 | 0.51 | 0.56 | 0.49 |
| Bosnia and Herzegovina | .. | .. | .. | 0.66 | 0.53 | 0.71 | 0.72 | 0.73 | 0.70 |
| Bulgaria | 0.30 | 0.27 | 0.27 | 0.34 | 0.45 | 0.53 | 0.54 | 0.54 | 0.49 |
| Croatia | .. | .. | .. | 0.57 | 0.59 | 0.46 | 0.43 | 0.46 | 0.43 |
| Cyprus | 0.02 | 0.01 | 0.01 | 0.00 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 |
| FYR of Macedonia | .. | .. | .. | 0.51 | 0.64 | 0.57 | 0.54 | 0.56 | 0.50 |
| Malta | - | - | - | - | - | - | 0.00 | 0.00 | 0.00 |
| Romania | 1.02 | 0.97 | 0.81 | 0.66 | 0.70 | 0.78 | 0.73 | 0.70 | 0.71 |
| Serbia | .. | .. | .. | 0.69 | 0.90 | 0.86 | 0.63 | 0.62 | 0.62 |
| Slovenia | .. | .. | .. | 0.54 | 0.49 | 0.48 | 0.48 | 0.47 | 0.47 |
| Former Yugoslavia | 0.66 | 0.63 | 0.56 | x | x | x | x | x | x |
| Non-OECD Europe | 0.76 | 0.74 | 0.63 | 0.58 | 0.63 | 0.66 | 0.60 | 0.60 | 0.58 |
| Armenia | .. | .. | .. | 0.02 | 0.15 | 0.32 | 0.34 | 0.33 | 0.29 |
| Azerbaijan | .. | .. | .. | 0.83 | 1.16 | 1.66 | 2.05 | 2.81 | 4.37 |
| Belarus | .. | .. | .. | 0.08 | 0.13 | 0.14 | 0.14 | 0.14 | 0.14 |
| Estonia | .. | .. | .. | 0.53 | 0.62 | 0.65 | 0.75 | 0.75 | 0.78 |
| Georgia | .. | .. | .. | 0.15 | 0.32 | 0.46 | 0.40 | 0.31 | 0.32 |
| Kazakhstan | .. | .. | .. | 1.24 | 1.22 | 1.98 | 2.17 | 2.06 | 2.05 |
| Kyrgyzstan | .. | .. | .. | 0.33 | 0.51 | 0.59 | 0.52 | 0.53 | 0.49 |
| Latvia | .. | .. | .. | 0.14 | 0.31 | 0.38 | 0.42 | 0.41 | 0.39 |
| Lithuania | .. | .. | .. | 0.31 | 0.44 | 0.47 | 0.46 | 0.41 | 0.41 |
| Republic of Moldova | .. | .. | .. | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.03 |
| Russian Federation | .. | .. | .. | 1.47 | 1.53 | 1.58 | 1.84 | 1.82 | 1.83 |
| Tajikistan | .. | .. | .. | 0.36 | 0.44 | 0.44 | 0.44 | 0.41 | 0.41 |
| Turkmenistan | .. | .. | .. | 3.81 | 2.36 | 3.17 | 3.70 | 3.65 | 3.66 |
| Ukraine | .. | .. | .. | 0.54 | 0.50 | 0.57 | 0.57 | 0.60 | 0.59 |
| Uzbekistan | .. | .. | .. | 0.83 | 1.14 | 1.09 | 1.20 | 1.20 | 1.23 |
| Former Soviet Union | 1.18 | 1.17 | 1.22 | 1.18 | 1.25 | 1.38 | 1.58 | 1.59 | 1.62 |

Energy production/TPES (self-sufficiency)
Production d'énergie/ATEP (indépendance énergétique)

Energieerzeugung/TPES (Eigenversorgung)

Produzione di energia/ATEP (indice di autosufficienza energetica)

エネルギー生産量／一次エネルギー総供給量（自給率）

Producción energética/TPES (autosuficiencia energética)

Производство топлива и энергии/ОППТЭ (самостоятельность)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bahrain | 7.57 | 5.32 | 4.27 | 3.09 | 2.77 | 2.53 | 2.15 | 1.99 | 1.94 |
| Islamic Republic of Iran | 14.30 | 14.93 | 2.11 | 2.63 | 2.39 | 2.04 | 1.90 | 1.79 | 1.75 |
| Iraq | 19.41 | 19.90 | 12.87 | 5.80 | 1.21 | 5.33 | 2.93 | 2.94 | 3.17 |
| Israel | 1.03 | 0.79 | 0.02 | 0.04 | 0.04 | 0.04 | 0.10 | 0.13 | 0.12 |
| Jordan | 0.00 | 0.00 | 0.00 | 0.05 | 0.07 | 0.06 | 0.04 | 0.04 | 0.04 |
| Kuwait | 27.39 | 16.28 | 6.32 | 6.44 | 7.17 | 5.69 | 5.31 | 6.10 | 5.82 |
| Lebanon | 0.10 | 0.06 | 0.08 | 0.06 | 0.04 | 0.04 | 0.04 | 0.05 | 0.05 |
| Oman | 179.05 | 157.43 | 17.42 | 9.02 | 7.95 | 6.93 | 4.64 | 4.07 | 3.83 |
| Qatar | 23.71 | 20.59 | 7.62 | 3.86 | 3.30 | 4.90 | 5.08 | 5.02 | 4.64 |
| Saudi Arabia | 32.32 | 51.76 | 16.89 | 6.26 | 5.37 | 4.61 | 4.16 | 3.93 | 3.67 |
| Syrian Arab Republic | 2.02 | 2.39 | 1.86 | 1.96 | 2.36 | 1.93 | 1.59 | 1.43 | 1.24 |
| United Arab Emirates | 52.16 | 58.35 | 12.61 | 5.54 | 5.03 | 4.52 | 3.87 | 3.93 | 3.45 |
| Yemen | 0.07 | 0.05 | 0.05 | 3.73 | 5.06 | 4.65 | 3.11 | 2.73 | 2.29 |
| Middle East | 17.08 | 17.82 | 7.81 | 4.22 | 3.58 | 3.47 | 3.03 | 2.93 | 2.77 |
| Non-OECD Total | 1.65 | 1.71 | 1.47 | 1.32 | 1.34 | 1.36 | 1.35 | 1.33 | 1.31 |
| <i>European Union - 27</i> | .. | .. | .. | 0.58 | 0.59 | 0.56 | 0.51 | 0.50 | 0.49 |
| OECD North America | 0.92 | 0.88 | 0.91 | 0.94 | 0.91 | 0.85 | 0.83 | 0.84 | 0.83 |
| OECD Pacific | 0.29 | 0.27 | 0.31 | 0.42 | 0.43 | 0.47 | 0.49 | 0.49 | 0.50 |
| OECD Europe | 0.49 | 0.46 | 0.57 | 0.65 | 0.68 | 0.67 | 0.61 | 0.59 | 0.58 |
| OECD Total | 0.70 | 0.66 | 0.72 | 0.76 | 0.76 | 0.73 | 0.70 | 0.70 | 0.70 |
| World | 1.02 | 1.02 | 1.01 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.99 |

Net oil imports/GDP (toe per thousand 2000 US dollars)
Importations nettes de pétrole/PIB (tep par milliers de \$US 2000)

Netto-Ölimport/BIP (toe pro tausend 2000er US\$)

Importazioni nette di petrolio/PIL (tep per migliaia di \$US 2000)

石油純輸入量/GDP (石油換算トン/千米ドル、2000年価格)

Importaciones netas de petróleo/PIB (tep por miles de 2000 US\$)

Чистый импорт нефти и нефтепродуктов / ВВП (тнэ на тыс.долл.США 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Algeria | -2.02 | -2.12 | -1.30 | -1.11 | -1.07 | -1.14 | -1.14 | -1.09 | -1.05 |
| Angola | -0.70 | -1.01 | -0.95 | -2.65 | -4.35 | -4.15 | -4.10 | -3.92 | -3.92 |
| Benin | 0.13 | 0.15 | 0.13 | -0.08 | -0.00 | 0.23 | 0.31 | 0.36 | 0.37 |
| Botswana | .. | .. | .. | 0.10 | 0.10 | 0.10 | 0.09 | 0.10 | 0.08 |
| Cameroon | 0.09 | 0.09 | -0.47 | -0.69 | -0.65 | -0.33 | -0.26 | -0.28 | -0.21 |
| Congo | 0.17 | -1.08 | -1.81 | -2.83 | -3.25 | -4.29 | -3.15 | -3.37 | -2.72 |
| DR of Congo | 0.12 | 0.12 | -0.01 | -0.03 | -0.11 | -0.16 | -0.08 | -0.05 | -0.04 |
| Côte d'Ivoire | 0.16 | 0.19 | 0.20 | 0.13 | 0.11 | 0.10 | -0.05 | -0.20 | -0.11 |
| Egypt | -0.42 | -0.09 | -0.46 | -0.33 | -0.29 | -0.09 | -0.02 | -0.01 | -0.00 |
| Eritrea | .. | .. | .. | .. | 0.67 | 0.33 | 0.32 | 0.22 | 0.23 |
| Ethiopia | 0.14 | 0.12 | 0.12 | 0.16 | 0.17 | 0.13 | 0.14 | 0.14 | 0.14 |
| Gabon | -2.88 | -3.06 | -2.28 | -2.83 | -3.63 | -2.68 | -1.86 | -1.85 | -1.70 |
| Ghana | 0.29 | 0.34 | 0.32 | 0.32 | 0.29 | 0.39 | 0.39 | 0.44 | 0.44 |
| Kenya | 0.42 | 0.35 | 0.31 | 0.20 | 0.20 | 0.26 | 0.22 | 0.22 | 0.21 |
| Libyan Arab Jamahiriya | -3.95 | -3.62 | -1.99 | -2.13 | -1.93 | -1.66 | -1.65 | -1.67 | -1.52 |
| Morocco | 0.17 | 0.18 | 0.20 | 0.19 | 0.23 | 0.19 | 0.19 | 0.18 | 0.19 |
| Mozambique | 0.29 | 0.25 | 0.28 | 0.14 | 0.11 | 0.13 | 0.08 | 0.08 | 0.10 |
| Namibia | .. | .. | .. | .. | 0.21 | 0.19 | 0.22 | 0.22 | 0.22 |
| Nigeria | -3.32 | -4.07 | -3.04 | -2.29 | -2.23 | -2.32 | -1.89 | -1.75 | -1.52 |
| Senegal | 0.64 | 0.68 | 0.46 | 0.24 | 0.24 | 0.33 | 0.32 | 0.31 | 0.28 |
| South Africa | 0.17 | 0.17 | 0.16 | 0.10 | 0.11 | 0.10 | 0.10 | 0.10 | 0.11 |
| Sudan | 0.37 | 0.42 | 0.24 | 0.27 | 0.18 | -0.54 | -0.68 | -0.65 | -0.93 |
| United Rep. of Tanzania | 0.24 | 0.25 | 0.18 | 0.11 | 0.14 | 0.09 | 0.12 | 0.12 | 0.10 |
| Togo | 0.18 | 0.14 | 0.13 | 0.21 | 0.28 | 0.25 | 0.25 | 0.18 | 0.20 |
| Tunisia | -0.56 | -0.42 | -0.30 | -0.15 | -0.12 | -0.01 | 0.02 | 0.03 | -0.02 |
| Zambia | 0.21 | 0.37 | 0.27 | 0.25 | 0.21 | 0.16 | 0.17 | 0.17 | 0.17 |
| Zimbabwe | 0.16 | 0.18 | 0.15 | 0.12 | 0.22 | 0.14 | 0.12 | 0.13 | 0.13 |
| Other Africa | 0.14 | 0.13 | 0.16 | 0.15 | 0.16 | 0.03 | -0.30 | -0.29 | -0.29 |
| Africa | -0.90 | -0.88 | -0.62 | -0.51 | -0.50 | -0.46 | -0.47 | -0.46 | -0.43 |
| Argentina | 0.02 | 0.02 | 0.01 | -0.02 | -0.06 | -0.06 | -0.04 | -0.03 | -0.02 |
| Bolivia | -0.30 | -0.37 | -0.01 | -0.00 | 0.03 | 0.03 | -0.04 | -0.04 | 0.03 |
| Brazil | 0.10 | 0.12 | 0.11 | 0.06 | 0.06 | 0.04 | 0.01 | 0.00 | 0.00 |
| Chile | 0.17 | 0.16 | 0.12 | 0.14 | 0.16 | 0.15 | 0.14 | 0.15 | 0.17 |
| Colombia | -0.16 | -0.08 | 0.03 | -0.17 | -0.19 | -0.25 | -0.13 | -0.12 | -0.11 |
| Costa Rica | 0.10 | 0.11 | 0.10 | 0.10 | 0.12 | 0.11 | 0.10 | 0.10 | 0.10 |
| Cuba | 0.48 | 0.52 | 0.48 | 0.31 | 0.27 | 0.21 | 0.14 | 0.13 | 0.12 |
| Dominican Republic | 0.24 | 0.28 | 0.24 | 0.28 | 0.33 | 0.32 | 0.24 | 0.21 | 0.20 |
| Ecuador | 0.20 | -1.28 | -0.58 | -0.77 | -0.93 | -0.86 | -0.87 | -0.85 | -0.73 |
| El Salvador | 0.07 | 0.09 | 0.07 | 0.09 | 0.15 | 0.14 | 0.14 | 0.14 | 0.14 |
| Guatemala | 0.13 | 0.13 | 0.12 | 0.09 | 0.11 | 0.10 | 0.11 | 0.10 | 0.12 |
| Haiti | 0.04 | 0.04 | 0.05 | 0.07 | 0.09 | 0.13 | 0.18 | 0.18 | 0.20 |
| Honduras | 0.15 | 0.14 | 0.14 | 0.14 | 0.20 | 0.20 | 0.23 | 0.24 | 0.24 |
| Jamaica | 0.34 | 0.47 | 0.43 | 0.37 | 0.35 | 0.45 | 0.39 | 0.46 | 0.58 |
| Netherlands Antilles | .. | .. | 7.95 | 2.99 | 2.60 | 3.09 | 2.99 | 2.94 | 3.11 |
| Nicaragua | 0.16 | 0.18 | 0.20 | 0.22 | 0.28 | 0.29 | 0.30 | 0.29 | 0.30 |
| Panama | 0.33 | 0.36 | 0.19 | 0.13 | 0.16 | 0.17 | 0.14 | 0.15 | 0.12 |
| Paraguay | 0.11 | 0.12 | 0.11 | 0.11 | 0.15 | 0.16 | 0.14 | 0.14 | 0.14 |
| Peru | 0.07 | 0.06 | -0.08 | -0.02 | 0.03 | 0.05 | 0.04 | 0.04 | 0.04 |
| Trinidad and Tobago | -0.80 | -1.04 | -1.20 | -1.07 | -0.97 | -0.59 | -0.52 | -0.51 | -0.44 |
| Uruguay | 0.17 | 0.17 | 0.14 | 0.09 | 0.11 | 0.11 | 0.09 | 0.10 | 0.08 |
| Venezuela | -2.72 | -2.45 | -1.18 | -1.06 | -1.25 | -1.34 | -1.04 | -0.90 | -0.71 |
| Other Latin America | 0.74 | 0.77 | 0.47 | 0.23 | 0.22 | 0.20 | 0.21 | 0.20 | 0.21 |
| Latin America | -0.22 | -0.18 | -0.04 | -0.07 | -0.09 | -0.09 | -0.08 | -0.07 | -0.05 |

Due to a lack of complete series for GDP data, regional aggregates do not include Netherlands Antilles from 1971 to 1979.

Net oil imports/GDP (toe per thousand 2000 US dollars)
Importations nettes de pétrole/PIB (tep par milliers de \$US 2000)

Netto-Ölimport/BIP (toe pro tausend 2000er US\$)

Importazioni nette di petrolio/PIL (tep per migliaia di \$US 2000)

石油純輸入量/GDP (石油換算トン/千米ドル、2000年価格)

Importaciones netas de petróleo/PIB (tep por miles de 2000 US\$)

Чистый импорт нефти и нефтепродуктов / ВВП (тнэ на тыс.долл.США 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bangladesh | 0.05 | 0.06 | 0.08 | 0.06 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 |
| Brunei Darussalam | - 2.67 | - 4.53 | - 2.66 | - 2.02 | - 2.08 | - 2.24 | - 2.11 | - 2.09 | - 1.81 |
| Cambodia | .. | .. | .. | .. | 0.18 | 0.21 | 0.22 | 0.22 | 0.21 |
| Chinese Taipei | 0.21 | 0.23 | 0.27 | 0.17 | 0.16 | 0.14 | 0.13 | 0.13 | 0.12 |
| India | 0.13 | 0.14 | 0.15 | 0.10 | 0.13 | 0.17 | 0.14 | 0.14 | 0.14 |
| Indonesia | - 1.15 | - 1.45 | - 0.99 | - 0.36 | - 0.21 | - 0.10 | 0.06 | 0.05 | 0.07 |
| DPR of Korea | 0.29 | 0.32 | 0.33 | 0.17 | 0.11 | 0.10 | 0.08 | 0.06 | 0.07 |
| Malaysia | 0.10 | 0.01 | - 0.21 | - 0.41 | - 0.22 | - 0.13 | - 0.10 | - 0.09 | - 0.06 |
| Mongolia | .. | .. | .. | 0.75 | 0.39 | 0.41 | 0.37 | 0.38 | 0.40 |
| Myanmar | 0.11 | 0.02 | - 0.02 | - 0.01 | 0.11 | 0.15 | 0.05 | 0.05 | 0.05 |
| Nepal | 0.03 | 0.04 | 0.06 | 0.08 | 0.12 | 0.14 | 0.12 | 0.12 | 0.12 |
| Pakistan | 0.17 | 0.17 | 0.17 | 0.17 | 0.20 | 0.22 | 0.15 | 0.16 | 0.16 |
| Philippines | 0.31 | 0.29 | 0.24 | 0.21 | 0.28 | 0.23 | 0.15 | 0.14 | 0.13 |
| Singapore | 0.63 | 0.92 | 0.37 | 0.55 | 0.46 | 0.43 | 0.40 | 0.38 | 0.36 |
| Sri Lanka | 0.32 | 0.37 | 0.25 | 0.17 | 0.18 | 0.23 | 0.21 | 0.20 | 0.19 |
| Thailand | 0.32 | 0.36 | 0.33 | 0.22 | 0.25 | 0.22 | 0.21 | 0.19 | 0.18 |
| Vietnam | 0.72 | 0.78 | 0.21 | 0.02 | - 0.14 | - 0.25 | - 0.14 | - 0.11 | - 0.04 |
| Other Asia | 0.16 | 0.19 | 0.23 | - 0.07 | - 0.09 | 0.01 | - 0.02 | - 0.03 | - 0.00 |
| Asia | 0.06 | 0.03 | 0.03 | 0.06 | 0.10 | 0.12 | 0.12 | 0.12 | 0.12 |
| People's Rep. of China | - 0.00 | - 0.02 | - 0.10 | - 0.05 | 0.01 | 0.06 | 0.08 | 0.08 | 0.08 |
| Hong Kong, China | 0.16 | 0.14 | 0.11 | 0.06 | 0.06 | 0.07 | 0.07 | 0.07 | 0.07 |
| China | 0.03 | 0.02 | - 0.05 | - 0.03 | 0.02 | 0.06 | 0.08 | 0.08 | 0.08 |
| Albania | - 0.45 | - 0.63 | - 0.16 | 0.00 | 0.03 | 0.20 | 0.25 | 0.19 | 0.19 |
| Bosnia and Herzegovina | .. | .. | .. | 1.46 | 0.39 | 0.23 | 0.18 | 0.18 | 0.18 |
| Bulgaria | 1.52 | 1.51 | 1.13 | 0.58 | 0.50 | 0.33 | 0.32 | 0.30 | 0.28 |
| Croatia | .. | .. | .. | 0.10 | 0.14 | 0.13 | 0.16 | 0.15 | 0.15 |
| Cyprus | 0.29 | 0.36 | 0.29 | 0.25 | 0.26 | 0.27 | 0.25 | 0.26 | 0.24 |
| Gibraltar | 0.56 | 0.55 | 0.38 | 0.86 | 1.52 | 1.55 | 1.55 | 1.55 | 1.55 |
| FYR of Macedonia | .. | .. | .. | 0.28 | 0.31 | 0.26 | 0.24 | 0.24 | 0.24 |
| Malta | 0.53 | 0.48 | 0.26 | 0.26 | 0.27 | 0.37 | 0.40 | 0.39 | 0.41 |
| Romania | - 0.11 | - 0.02 | 0.17 | 0.24 | 0.16 | 0.09 | 0.07 | 0.08 | 0.09 |
| Serbia | .. | .. | .. | 0.41 | 0.08 | 0.05 | 0.30 | 0.29 | 0.28 |
| Slovenia | .. | .. | .. | 0.11 | 0.14 | 0.12 | 0.11 | 0.10 | 0.10 |
| Former Yugoslavia | 0.16 | 0.26 | 0.21 | x | x | x | x | x | x |
| Non-OECD Europe | 0.21 | 0.28 | 0.29 | 0.27 | 0.21 | 0.17 | 0.18 | 0.17 | 0.17 |
| Armenia | .. | .. | .. | 1.36 | 0.19 | 0.19 | 0.12 | 0.10 | 0.10 |
| Azerbaijan | .. | .. | .. | - 0.16 | - 0.54 | - 1.46 | - 1.69 | - 2.09 | - 2.28 |
| Belarus | .. | .. | .. | 1.69 | 0.96 | 0.46 | 0.32 | 0.35 | 0.29 |
| Estonia | .. | .. | .. | 0.55 | 0.25 | 0.15 | 0.11 | 0.11 | 0.11 |
| Georgia | .. | .. | .. | 0.68 | 0.68 | 0.21 | 0.17 | 0.15 | 0.18 |
| Kazakhstan | .. | .. | .. | - 0.20 | - 0.55 | - 1.48 | - 1.71 | - 1.64 | - 1.55 |
| Kyrgyzstan | .. | .. | .. | 1.40 | 0.50 | 0.24 | 0.33 | 0.30 | 0.34 |
| Latvia | .. | .. | .. | 0.38 | 0.35 | 0.14 | 0.14 | 0.13 | 0.12 |
| Lithuania | .. | .. | .. | 0.45 | 0.39 | 0.19 | 0.15 | 0.15 | 0.14 |
| Republic of Moldova | .. | .. | .. | 1.35 | 0.74 | 0.37 | 0.37 | 0.34 | 0.33 |
| Russian Federation | .. | .. | .. | - 0.68 | - 0.66 | - 0.74 | - 0.96 | - 0.89 | - 0.87 |
| Tajikistan | .. | .. | .. | 0.84 | 1.38 | 1.02 | 1.06 | 1.11 | 1.15 |
| Turkmenistan | .. | .. | .. | 0.38 | - 0.38 | - 1.44 | - 0.94 | - 0.70 | - 0.74 |
| Ukraine | .. | .. | .. | 0.75 | 0.61 | 0.27 | 0.21 | 0.21 | 0.22 |
| Uzbekistan | .. | .. | .. | 0.52 | - 0.04 | - 0.03 | - 0.02 | - 0.02 | - 0.01 |
| Former Soviet Union | - 0.24 | - 0.23 | - 0.25 | - 0.26 | - 0.37 | - 0.56 | - 0.73 | - 0.69 | - 0.68 |

Net oil imports/GDP (toe per thousand 2000 US dollars)
Importations nettes de pétrole/PIB (tep par milliers de \$US 2000)

Netto-Ölimport/BIP (toe pro tausend 2000er US\$)

Importazioni nette di petrolio/PIL (tep per migliaia di \$US 2000)

石油純輸入量/GDP (石油換算トン/千米ドル、2000年価格)

Importaciones netas de petróleo/PIB (tep por miles de 2000 US\$)

Чистый импорт нефти и нефтепродуктов / ВВП (тнэ на тыс.долл.США 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bahrain | - 6.13 | - 5.83 | - 2.10 | - 1.94 | - 1.38 | - 1.10 | - 0.76 | - 0.73 | - 0.66 |
| Islamic Republic of Iran | - 4.61 | - 4.89 | - 0.74 | - 1.55 | - 1.55 | - 1.23 | - 1.07 | - 0.96 | - 0.91 |
| Iraq | - 1.61 | - 1.74 | - 1.29 | - 2.55 | - 0.39 | - 4.22 | - 3.19 | - 3.31 | - 3.40 |
| Israel | 0.01 | 0.07 | 0.17 | 0.13 | 0.12 | 0.10 | 0.09 | 0.08 | 0.08 |
| Jordan | 0.30 | 0.33 | 0.42 | 0.68 | 0.57 | 0.57 | 0.50 | 0.42 | 0.40 |
| Kuwait | - 4.77 | - 4.64 | - 2.76 | - 1.74 | - 2.86 | - 2.47 | - 2.08 | - 2.10 | - 1.93 |
| Lebanon | 0.16 | 0.16 | 0.24 | 0.26 | 0.29 | 0.28 | 0.23 | 0.21 | 0.18 |
| Oman | - 4.36 | - 4.68 | - 2.54 | - 2.69 | - 2.49 | - 2.46 | - 1.55 | - 1.27 | - 1.07 |
| Qatar | - 2.33 | - 2.34 | - 2.17 | - 2.16 | - 1.95 | - 1.92 | - 1.60 | - 1.53 | - 1.33 |
| Saudi Arabia | - 4.24 | - 4.48 | - 3.23 | - 2.14 | - 2.27 | - 1.99 | - 1.91 | - 1.80 | - 1.64 |
| Syrian Arab Republic | - 0.63 | - 0.67 | - 0.43 | - 0.95 | - 1.08 | - 0.83 | - 0.43 | - 0.31 | - 0.17 |
| United Arab Emirates | - 5.87 | - 4.01 | - 1.67 | - 1.69 | - 1.65 | - 1.42 | - 1.06 | - 1.04 | - 0.94 |
| Yemen | 0.81 | 0.80 | 0.59 | - 1.17 | - 1.89 | - 1.81 | - 1.09 | - 0.84 | - 0.71 |
| Middle East | - 2.99 | - 3.14 | - 1.78 | - 1.54 | - 1.48 | - 1.40 | - 1.19 | - 1.12 | - 1.02 |
| Non-OECD Total | - 0.58 | - 0.62 | - 0.37 | - 0.25 | - 0.22 | - 0.20 | - 0.17 | - 0.16 | - 0.14 |
| <i>European Union - 27</i> | .. | .. | .. | 0.08 | 0.07 | 0.06 | 0.06 | 0.06 | 0.06 |
| OECD North America | 0.04 | 0.06 | 0.05 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 |
| OECD Pacific | 0.11 | 0.12 | 0.09 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 0.06 |
| OECD Europe | 0.16 | 0.16 | 0.11 | 0.06 | 0.05 | 0.04 | 0.05 | 0.05 | 0.05 |
| OECD Total | 0.10 | 0.11 | 0.08 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| <i>Memo: OPEC</i> | - 3.32 | - 3.42 | - 1.95 | - 1.75 | - 1.80 | - 1.77 | - 1.54 | - 1.45 | - 1.32 |

TPES/GDP (toe per thousand 2000 US dollars)

ATEP/PIB (tep par milliers de \$US 2000)

TPES/BIP (in toe pro tausend 2000er US\$)

DTEP/PIL (tep per migliaia di \$US 2000)

一次エネルギー供給/GDP (石油換算トン/千米ドル、2000年価格)

TPES/PIB (tep por miles de 2000 US\$)

ОППТЭ / ВВП (тнэ на тыс.долл.США в ценах и по валютному курсу 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Algeria | 0.20 | 0.21 | 0.32 | 0.48 | 0.51 | 0.49 | 0.46 | 0.49 | 0.50 |
| Angola | 0.58 | 0.57 | 0.68 | 0.70 | 0.95 | 0.81 | 0.61 | 0.56 | 0.50 |
| Benin | 1.35 | 1.31 | 1.25 | 1.18 | 1.06 | 0.88 | 0.94 | 0.99 | 0.97 |
| Botswana | .. | .. | .. | 0.37 | 0.36 | 0.30 | 0.23 | 0.23 | 0.23 |
| Cameroon | 0.77 | 0.75 | 0.58 | 0.57 | 0.69 | 0.62 | 0.58 | 0.54 | 0.56 |
| Congo | 0.50 | 0.46 | 0.38 | 0.29 | 0.27 | 0.26 | 0.31 | 0.29 | 0.30 |
| DR of Congo | 0.94 | 0.92 | 1.21 | 1.54 | 2.49 | 3.40 | 3.24 | 3.19 | 3.09 |
| Côte d'Ivoire | 0.49 | 0.48 | 0.46 | 0.52 | 0.57 | 0.65 | 0.92 | 0.91 | 0.94 |
| Egypt | 0.37 | 0.37 | 0.39 | 0.49 | 0.46 | 0.45 | 0.51 | 0.50 | 0.49 |
| Eritrea | .. | .. | .. | .. | 1.64 | 1.12 | 1.06 | 0.98 | 1.00 |
| Ethiopia | 2.04 | 1.98 | 2.10 | 2.38 | 2.50 | 2.28 | 1.92 | 1.79 | 1.66 |
| Gabon | 0.56 | 0.62 | 0.38 | 0.27 | 0.27 | 0.29 | 0.31 | 0.32 | 0.31 |
| Ghana | 1.12 | 1.25 | 1.52 | 1.62 | 1.61 | 1.55 | 1.37 | 1.37 | 1.32 |
| Kenya | 1.40 | 1.23 | 1.12 | 1.06 | 1.12 | 1.19 | 1.14 | 1.13 | 1.06 |
| Libyan Arab Jamahiriya | 0.05 | 0.09 | 0.16 | 0.38 | 0.50 | 0.48 | 0.40 | 0.38 | 0.36 |
| Morocco | 0.19 | 0.22 | 0.24 | 0.24 | 0.28 | 0.28 | 0.28 | 0.26 | 0.27 |
| Mozambique | 2.42 | 2.19 | 2.73 | 2.37 | 2.12 | 1.69 | 1.32 | 1.26 | 1.22 |
| Namibia | .. | .. | .. | .. | 0.32 | 0.30 | 0.33 | 0.33 | 0.33 |
| Nigeria | 1.60 | 1.58 | 1.67 | 2.02 | 2.02 | 1.93 | 1.69 | 1.59 | 1.53 |
| Senegal | 0.55 | 0.58 | 0.58 | 0.49 | 0.49 | 0.51 | 0.47 | 0.46 | 0.42 |
| South Africa | 0.63 | 0.64 | 0.68 | 0.82 | 0.91 | 0.83 | 0.79 | 0.76 | 0.75 |
| Sudan | 1.76 | 1.93 | 1.51 | 1.51 | 1.32 | 1.09 | 0.93 | 0.82 | 0.72 |
| United Rep. of Tanzania | 2.12 | 1.96 | 1.63 | 1.43 | 1.48 | 1.47 | 1.37 | 1.33 | 1.28 |
| Togo | 1.14 | 1.05 | 0.92 | 1.18 | 1.46 | 1.59 | 1.60 | 1.54 | 1.57 |
| Tunisia | 0.35 | 0.34 | 0.38 | 0.40 | 0.39 | 0.38 | 0.34 | 0.33 | 0.33 |
| Zambia | 1.47 | 1.54 | 1.65 | 1.78 | 2.07 | 1.92 | 1.73 | 1.67 | 1.62 |
| Zimbabwe | 1.55 | 1.51 | 1.48 | 1.38 | 1.38 | 1.34 | 1.73 | 1.79 | 1.88 |
| Other Africa | 1.10 | 1.11 | 1.07 | 1.12 | 1.22 | 1.14 | 1.07 | 1.06 | 1.04 |
| Africa | 0.73 | 0.74 | 0.73 | 0.84 | 0.89 | 0.84 | 0.80 | 0.78 | 0.76 |
| Argentina | 0.20 | 0.20 | 0.20 | 0.25 | 0.22 | 0.21 | 0.20 | 0.20 | 0.20 |
| Bolivia | 0.25 | 0.26 | 0.43 | 0.48 | 0.56 | 0.59 | 0.49 | 0.47 | 0.51 |
| Brazil | 0.33 | 0.30 | 0.26 | 0.28 | 0.27 | 0.29 | 0.29 | 0.29 | 0.29 |
| Chile | 0.38 | 0.39 | 0.34 | 0.34 | 0.31 | 0.35 | 0.32 | 0.32 | 0.30 |
| Colombia | 0.43 | 0.38 | 0.36 | 0.33 | 0.32 | 0.28 | 0.25 | 0.24 | 0.22 |
| Costa Rica | 0.24 | 0.23 | 0.20 | 0.21 | 0.20 | 0.20 | 0.20 | 0.21 | 0.21 |
| Cuba | 0.71 | 0.71 | 0.68 | 0.51 | 0.45 | 0.40 | 0.27 | 0.25 | 0.23 |
| Dominican Republic | 0.48 | 0.47 | 0.39 | 0.37 | 0.43 | 0.39 | 0.33 | 0.30 | 0.28 |
| Ecuador | 0.39 | 0.33 | 0.46 | 0.45 | 0.45 | 0.51 | 0.48 | 0.51 | 0.53 |
| El Salvador | 0.24 | 0.25 | 0.29 | 0.29 | 0.30 | 0.30 | 0.31 | 0.30 | 0.31 |
| Guatemala | 0.38 | 0.36 | 0.32 | 0.34 | 0.34 | 0.37 | 0.36 | 0.35 | 0.33 |
| Haiti | 0.46 | 0.48 | 0.45 | 0.36 | 0.50 | 0.52 | 0.69 | 0.69 | 0.70 |
| Honduras | 0.56 | 0.52 | 0.46 | 0.46 | 0.46 | 0.42 | 0.45 | 0.43 | 0.47 |
| Jamaica | 0.36 | 0.46 | 0.45 | 0.42 | 0.40 | 0.47 | 0.42 | 0.49 | 0.60 |
| Netherlands Antilles | .. | .. | 3.77 | 1.39 | 1.08 | 1.65 | 1.54 | 1.49 | 1.66 |
| Nicaragua | 0.38 | 0.39 | 0.47 | 0.74 | 0.76 | 0.69 | 0.72 | 0.72 | 0.70 |
| Panama | 0.37 | 0.41 | 0.23 | 0.21 | 0.22 | 0.22 | 0.18 | 0.19 | 0.16 |
| Paraguay | 0.67 | 0.66 | 0.46 | 0.52 | 0.55 | 0.54 | 0.49 | 0.48 | 0.47 |
| Peru | 0.32 | 0.31 | 0.29 | 0.27 | 0.23 | 0.23 | 0.21 | 0.19 | 0.18 |
| Trinidad and Tobago | 0.58 | 0.54 | 0.51 | 1.00 | 0.98 | 1.20 | 1.06 | 1.06 | 1.08 |
| Uruguay | 0.21 | 0.21 | 0.17 | 0.15 | 0.14 | 0.15 | 0.14 | 0.14 | 0.13 |
| Venezuela | 0.29 | 0.29 | 0.40 | 0.46 | 0.46 | 0.48 | 0.45 | 0.42 | 0.40 |
| Other Latin America | 0.47 | 0.54 | 0.43 | 0.25 | 0.25 | 0.23 | 0.26 | 0.25 | 0.25 |
| Latin America | 0.31 | 0.30 | 0.29 | 0.31 | 0.30 | 0.31 | 0.29 | 0.29 | 0.28 |

Due to a lack of complete series for GDP data, regional aggregates do not include Netherlands Antilles from 1971 to 1979.

TPES/GDP (toe per thousand 2000 US dollars)

ATEP/PIB (tep par milliers de \$US 2000)

TPES/BIP (in toe pro tausend 2000er US\$)

DTEP/PIL (tep per migliaia di \$US 2000)

一次エネルギー供給/GDP (石油換算トン/千米ドル、2000年価格)

TPES/PIB (tep por miles de 2000 US\$)

ОППТЭ / ВВП (тнэ на тыс.долл.США в ценах и по валютному курсу 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bangladesh | 0.32 | 0.40 | 0.41 | 0.43 | 0.44 | 0.39 | 0.39 | 0.38 | 0.37 |
| Brunei Darussalam | 0.08 | 0.13 | 0.30 | 0.47 | 0.57 | 0.57 | 0.52 | 0.54 | 0.55 |
| Cambodia | .. | .. | .. | .. | 1.28 | 1.06 | 0.82 | 0.76 | 0.72 |
| Chinese Taipei | 0.29 | 0.29 | 0.35 | 0.28 | 0.26 | 0.26 | 0.27 | 0.27 | 0.26 |
| India | 1.31 | 1.34 | 1.32 | 1.18 | 1.11 | 0.99 | 0.83 | 0.79 | 0.77 |
| Indonesia | 1.22 | 1.12 | 0.97 | 0.94 | 0.82 | 0.91 | 0.84 | 0.82 | 0.82 |
| DPR of Korea | 6.43 | 5.37 | 3.72 | 2.13 | 1.80 | 1.82 | 1.90 | 1.88 | 1.61 |
| Malaysia | 0.45 | 0.37 | 0.46 | 0.48 | 0.52 | 0.53 | 0.55 | 0.53 | 0.55 |
| Mongolia | .. | .. | .. | 3.11 | 2.84 | 2.17 | 1.74 | 1.79 | 1.73 |
| Myanmar | 3.01 | 2.97 | 2.37 | 2.37 | 1.98 | 1.40 | 0.98 | 0.89 | 0.85 |
| Nepal | 2.14 | 2.21 | 2.15 | 1.71 | 1.54 | 1.48 | 1.41 | 1.39 | 1.38 |
| Pakistan | 0.98 | 0.98 | 0.91 | 0.85 | 0.85 | 0.85 | 0.80 | 0.78 | 0.78 |
| Philippines | 0.53 | 0.51 | 0.46 | 0.49 | 0.55 | 0.54 | 0.42 | 0.40 | 0.37 |
| Singapore | 0.26 | 0.28 | 0.24 | 0.26 | 0.28 | 0.21 | 0.24 | 0.22 | 0.20 |
| Sri Lanka | 0.89 | 0.90 | 0.70 | 0.56 | 0.47 | 0.51 | 0.45 | 0.43 | 0.41 |
| Thailand | 0.68 | 0.67 | 0.59 | 0.53 | 0.52 | 0.59 | 0.62 | 0.60 | 0.60 |
| Vietnam | 2.16 | 2.49 | 2.27 | 1.62 | 1.35 | 1.19 | 1.14 | 1.09 | 1.06 |
| Other Asia | 0.42 | 0.43 | 0.53 | 0.34 | 0.31 | 0.29 | 0.25 | 0.24 | 0.23 |
| Asia | 0.99 | 0.96 | 0.89 | 0.77 | 0.71 | 0.68 | 0.63 | 0.61 | 0.60 |
| People's Rep. of China | 3.66 | 3.56 | 3.27 | 1.94 | 1.32 | 0.91 | 0.89 | 0.87 | 0.82 |
| Hong Kong, China | 0.12 | 0.09 | 0.08 | 0.08 | 0.07 | 0.08 | 0.06 | 0.06 | 0.06 |
| China | 2.97 | 2.80 | 2.48 | 1.56 | 1.12 | 0.81 | 0.81 | 0.80 | 0.75 |
| Albania | 0.99 | 0.84 | 1.08 | 0.83 | 0.47 | 0.48 | 0.48 | 0.43 | 0.41 |
| Bosnia and Herzegovina | .. | .. | .. | 5.01 | 1.01 | 0.86 | 0.78 | 0.79 | 0.78 |
| Bulgaria | 2.96 | 2.74 | 2.40 | 1.91 | 1.76 | 1.48 | 1.22 | 1.18 | 1.10 |
| Croatia | .. | .. | .. | 0.42 | 0.45 | 0.42 | 0.38 | 0.37 | 0.36 |
| Cyprus | 0.27 | 0.33 | 0.26 | 0.22 | 0.23 | 0.23 | 0.20 | 0.20 | 0.21 |
| Gibraltar | 0.09 | 0.07 | 0.08 | 0.10 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 |
| FYR of Macedonia | .. | .. | .. | 0.63 | 0.81 | 0.75 | 0.75 | 0.73 | 0.72 |
| Malta | 0.34 | 0.35 | 0.20 | 0.29 | 0.23 | 0.17 | 0.21 | 0.20 | 0.20 |
| Romania | 2.24 | 2.09 | 1.59 | 1.42 | 1.17 | 0.98 | 0.78 | 0.76 | 0.70 |
| Serbia | .. | .. | .. | 1.90 | 1.36 | 1.34 | 1.30 | 1.29 | 1.20 |
| Slovenia | .. | .. | .. | 0.34 | 0.37 | 0.32 | 0.31 | 0.29 | 0.27 |
| Former Yugoslavia | 0.65 | 0.65 | 0.61 | x | x | x | x | x | x |
| Non-OECD Europe | 1.34 | 1.32 | 1.13 | 1.11 | 0.92 | 0.76 | 0.67 | 0.65 | 0.61 |
| Armenia | .. | .. | .. | 2.73 | 1.10 | 1.05 | 0.74 | 0.66 | 0.65 |
| Azerbaijan | .. | .. | .. | 2.89 | 3.40 | 2.17 | 1.35 | 1.02 | 0.71 |
| Belarus | .. | .. | .. | 2.95 | 2.64 | 1.94 | 1.47 | 1.42 | 1.29 |
| Estonia | .. | .. | .. | 1.61 | 1.14 | 0.80 | 0.63 | 0.55 | 0.58 |
| Georgia | .. | .. | .. | 1.49 | 1.62 | 0.94 | 0.72 | 0.64 | 0.62 |
| Kazakhstan | .. | .. | .. | 2.76 | 3.21 | 2.20 | 1.87 | 1.91 | 1.84 |
| Kyrgyzstan | .. | .. | .. | 3.68 | 2.35 | 1.78 | 1.69 | 1.65 | 1.58 |
| Latvia | .. | .. | .. | 0.75 | 0.77 | 0.47 | 0.38 | 0.35 | 0.32 |
| Lithuania | .. | .. | .. | 1.00 | 0.94 | 0.62 | 0.52 | 0.47 | 0.47 |
| Republic of Moldova | .. | .. | .. | 2.73 | 3.02 | 2.21 | 1.95 | 1.78 | 1.71 |
| Russian Federation | .. | .. | .. | 2.25 | 2.60 | 2.35 | 1.86 | 1.79 | 1.65 |
| Tajikistan | .. | .. | .. | 2.47 | 3.54 | 3.31 | 2.60 | 2.57 | 2.51 |
| Turkmenistan | .. | .. | .. | 5.25 | 5.96 | 5.09 | 2.84 | 2.60 | 2.55 |
| Ukraine | .. | .. | .. | 3.50 | 4.74 | 4.28 | 3.16 | 2.83 | 2.63 |
| Uzbekistan | .. | .. | .. | 3.30 | 3.74 | 3.66 | 2.62 | 2.52 | 2.31 |
| Former Soviet Union | 1.90 | 1.84 | 1.80 | 2.44 | 2.81 | 2.42 | 1.88 | 1.78 | 1.64 |

TPES/GDP (toe per thousand 2000 US dollars)**ATEP/PIB (tep par milliers de \$US 2000)**

TPES/BIP (in toe pro tausend 2000er US\$)

DTEP/PIL (tep per migliaia di \$US 2000)

一次エネルギー供給/GDP (石油換算トン/千米ドル、2000年価格)

TPES/PIB (tep por miles de 2000 US\$)

ОППТЭ / ВВП (тнэ на тыс.долл.США в ценах и по валютному курсу 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bahrain | 1.07 | 1.56 | 0.71 | 0.94 | 0.76 | 0.74 | 0.70 | 0.72 | 0.71 |
| Islamic Republic of Iran | 0.36 | 0.36 | 0.67 | 0.97 | 1.13 | 1.16 | 1.19 | 1.22 | 1.22 |
| Iraq | 0.09 | 0.09 | 0.11 | 0.55 | 2.06 | 0.98 | 1.67 | 1.73 | 1.59 |
| Israel | 0.18 | 0.21 | 0.16 | 0.16 | 0.16 | 0.15 | 0.15 | 0.15 | 0.14 |
| Jordan | 0.23 | 0.30 | 0.36 | 0.64 | 0.59 | 0.58 | 0.58 | 0.56 | 0.56 |
| Kuwait | 0.18 | 0.31 | 0.53 | 0.31 | 0.47 | 0.53 | 0.49 | 0.42 | 0.41 |
| Lebanon | 0.13 | 0.15 | 0.22 | 0.27 | 0.29 | 0.29 | 0.26 | 0.23 | 0.19 |
| Oman | 0.03 | 0.03 | 0.16 | 0.34 | 0.36 | 0.44 | 0.51 | 0.55 | 0.54 |
| Qatar | 0.10 | 0.12 | 0.33 | 0.78 | 0.85 | 0.65 | 0.63 | 0.65 | 0.68 |
| Saudi Arabia | 0.14 | 0.09 | 0.21 | 0.41 | 0.52 | 0.56 | 0.61 | 0.62 | 0.62 |
| Syrian Arab Republic | 0.65 | 0.51 | 0.54 | 0.97 | 0.81 | 0.90 | 0.74 | 0.74 | 0.74 |
| United Arab Emirates | 0.11 | 0.07 | 0.15 | 0.43 | 0.50 | 0.48 | 0.44 | 0.42 | 0.45 |
| Yemen | 0.56 | 0.61 | 0.39 | 0.46 | 0.47 | 0.50 | 0.57 | 0.57 | 0.58 |
| Middle East | 0.19 | 0.19 | 0.27 | 0.49 | 0.59 | 0.58 | 0.62 | 0.62 | 0.62 |
| Non-OECD Total | 0.97 | 0.93 | 0.90 | 0.97 | 0.83 | 0.73 | 0.70 | 0.69 | 0.66 |
| <i>European Union - 27</i> | .. | .. | .. | 0.24 | 0.22 | 0.20 | 0.19 | 0.19 | 0.18 |
| OECD North America | 0.41 | 0.40 | 0.35 | 0.28 | 0.27 | 0.24 | 0.22 | 0.21 | 0.21 |
| OECD Pacific | 0.16 | 0.16 | 0.15 | 0.13 | 0.14 | 0.15 | 0.14 | 0.14 | 0.14 |
| OECD Europe | 0.29 | 0.29 | 0.26 | 0.22 | 0.21 | 0.19 | 0.18 | 0.18 | 0.17 |
| OECD Total | 0.31 | 0.31 | 0.27 | 0.22 | 0.22 | 0.20 | 0.19 | 0.19 | 0.18 |
| World | 0.43 | 0.42 | 0.40 | 0.36 | 0.34 | 0.31 | 0.31 | 0.31 | 0.30 |

TPES/GDP PPP (toe per thousand 2000 US dollars)

ATEP/PIB PPA (tep par milliers de \$US 2000)

TPES/BIP Kaufkraftparität (in toe pro tausend 2000er US\$)

DTEP/PIL PPA (tep per migliaia di \$US 2000)

一次エネルギー供給 / GDP (石油換算トン / 千米ドル、2000年価格、購買力平価)

TPES/PIB PPP (tep por miles de 2000 US\$)

ОППТЭ / ВВП (тнэ на тыс.долл.США в ценах и по ППС 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Algeria | 0.07 | 0.07 | 0.11 | 0.16 | 0.17 | 0.17 | 0.16 | 0.17 | 0.17 |
| Angola | 0.26 | 0.26 | 0.31 | 0.31 | 0.43 | 0.37 | 0.28 | 0.25 | 0.22 |
| Benin | 0.43 | 0.42 | 0.40 | 0.38 | 0.34 | 0.28 | 0.30 | 0.32 | 0.31 |
| Botswana | .. | .. | .. | 0.16 | 0.15 | 0.13 | 0.10 | 0.10 | 0.10 |
| Cameroon | 0.28 | 0.27 | 0.21 | 0.20 | 0.25 | 0.23 | 0.21 | 0.19 | 0.20 |
| Congo | 0.45 | 0.41 | 0.33 | 0.25 | 0.24 | 0.23 | 0.27 | 0.25 | 0.27 |
| DR of Congo | 0.13 | 0.13 | 0.17 | 0.22 | 0.36 | 0.49 | 0.46 | 0.46 | 0.44 |
| Côte d'Ivoire | 0.19 | 0.19 | 0.18 | 0.20 | 0.22 | 0.25 | 0.36 | 0.36 | 0.37 |
| Egypt | 0.16 | 0.16 | 0.17 | 0.20 | 0.19 | 0.19 | 0.22 | 0.21 | 0.21 |
| Eritrea | .. | .. | .. | .. | 0.29 | 0.19 | 0.18 | 0.17 | 0.17 |
| Ethiopia | 0.31 | 0.30 | 0.32 | 0.36 | 0.38 | 0.34 | 0.29 | 0.27 | 0.25 |
| Gabon | 0.38 | 0.42 | 0.26 | 0.19 | 0.18 | 0.20 | 0.21 | 0.22 | 0.21 |
| Ghana | 0.15 | 0.16 | 0.20 | 0.21 | 0.21 | 0.20 | 0.18 | 0.18 | 0.17 |
| Kenya | 0.56 | 0.49 | 0.45 | 0.43 | 0.45 | 0.47 | 0.46 | 0.45 | 0.43 |
| Libyan Arab Jamahiriya | 0.03 | 0.06 | 0.12 | 0.28 | 0.37 | 0.35 | 0.29 | 0.28 | 0.26 |
| Morocco | 0.06 | 0.07 | 0.08 | 0.08 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 |
| Mozambique | 0.64 | 0.58 | 0.72 | 0.63 | 0.56 | 0.45 | 0.35 | 0.33 | 0.32 |
| Namibia | .. | .. | .. | .. | 0.10 | 0.09 | 0.10 | 0.10 | 0.10 |
| Nigeria | 0.69 | 0.69 | 0.73 | 0.88 | 0.88 | 0.84 | 0.74 | 0.69 | 0.67 |
| Senegal | 0.16 | 0.17 | 0.17 | 0.14 | 0.14 | 0.15 | 0.14 | 0.14 | 0.13 |
| South Africa | 0.22 | 0.22 | 0.24 | 0.28 | 0.31 | 0.29 | 0.27 | 0.26 | 0.26 |
| Sudan | 0.44 | 0.48 | 0.38 | 0.38 | 0.33 | 0.27 | 0.23 | 0.20 | 0.18 |
| United Rep. of Tanzania | 1.09 | 1.01 | 0.84 | 0.74 | 0.76 | 0.76 | 0.70 | 0.68 | 0.66 |
| Togo | 0.21 | 0.19 | 0.17 | 0.22 | 0.27 | 0.29 | 0.29 | 0.28 | 0.29 |
| Tunisia | 0.11 | 0.11 | 0.12 | 0.13 | 0.13 | 0.12 | 0.11 | 0.11 | 0.11 |
| Zambia | 0.57 | 0.59 | 0.63 | 0.69 | 0.80 | 0.74 | 0.67 | 0.64 | 0.62 |
| Zimbabwe | 0.37 | 0.35 | 0.35 | 0.32 | 0.32 | 0.31 | 0.41 | 0.42 | 0.44 |
| Other Africa | 0.27 | 0.28 | 0.28 | 0.30 | 0.33 | 0.31 | 0.31 | 0.30 | 0.30 |
| Africa | 0.25 | 0.25 | 0.26 | 0.29 | 0.31 | 0.29 | 0.28 | 0.27 | 0.27 |
| Argentina | 0.13 | 0.13 | 0.13 | 0.16 | 0.14 | 0.14 | 0.13 | 0.13 | 0.13 |
| Bolivia | 0.11 | 0.11 | 0.18 | 0.20 | 0.24 | 0.25 | 0.21 | 0.20 | 0.21 |
| Brazil | 0.17 | 0.16 | 0.14 | 0.14 | 0.14 | 0.15 | 0.15 | 0.15 | 0.15 |
| Chile | 0.20 | 0.21 | 0.18 | 0.18 | 0.16 | 0.19 | 0.17 | 0.17 | 0.16 |
| Colombia | 0.15 | 0.13 | 0.12 | 0.11 | 0.11 | 0.10 | 0.08 | 0.08 | 0.07 |
| Costa Rica | 0.12 | 0.12 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 |
| Cuba | 0.31 | 0.31 | 0.29 | 0.22 | 0.20 | 0.17 | 0.12 | 0.11 | 0.10 |
| Dominican Republic | 0.17 | 0.17 | 0.14 | 0.13 | 0.15 | 0.14 | 0.12 | 0.11 | 0.10 |
| Ecuador | 0.16 | 0.13 | 0.19 | 0.18 | 0.18 | 0.20 | 0.19 | 0.20 | 0.21 |
| El Salvador | 0.11 | 0.11 | 0.13 | 0.13 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 |
| Guatemala | 0.16 | 0.15 | 0.14 | 0.15 | 0.14 | 0.16 | 0.15 | 0.15 | 0.14 |
| Haiti | 0.14 | 0.14 | 0.14 | 0.11 | 0.15 | 0.16 | 0.21 | 0.21 | 0.21 |
| Honduras | 0.18 | 0.17 | 0.15 | 0.15 | 0.15 | 0.14 | 0.15 | 0.14 | 0.15 |
| Jamaica | 0.31 | 0.40 | 0.39 | 0.36 | 0.34 | 0.40 | 0.36 | 0.42 | 0.52 |
| Netherlands Antilles | .. | .. | 1.68 | 0.62 | 0.48 | 0.73 | 0.69 | 0.66 | 0.74 |
| Nicaragua | 0.10 | 0.10 | 0.12 | 0.19 | 0.19 | 0.18 | 0.18 | 0.18 | 0.18 |
| Panama | 0.24 | 0.27 | 0.15 | 0.14 | 0.14 | 0.14 | 0.12 | 0.12 | 0.11 |
| Paraguay | 0.21 | 0.21 | 0.15 | 0.16 | 0.17 | 0.17 | 0.16 | 0.15 | 0.15 |
| Peru | 0.14 | 0.13 | 0.13 | 0.12 | 0.10 | 0.10 | 0.09 | 0.08 | 0.08 |
| Trinidad and Tobago | 0.40 | 0.38 | 0.36 | 0.70 | 0.69 | 0.84 | 0.74 | 0.74 | 0.75 |
| Uruguay | 0.15 | 0.15 | 0.12 | 0.10 | 0.10 | 0.11 | 0.10 | 0.10 | 0.09 |
| Venezuela | 0.24 | 0.24 | 0.34 | 0.38 | 0.38 | 0.40 | 0.37 | 0.35 | 0.34 |
| Other Latin America | 0.31 | 0.35 | 0.29 | 0.18 | 0.18 | 0.17 | 0.18 | 0.18 | 0.18 |
| Latin America | 0.17 | 0.16 | 0.15 | 0.16 | 0.16 | 0.16 | 0.15 | 0.15 | 0.15 |

Due to a lack of complete series for GDP data, regional aggregates do not include Netherlands Antilles from 1971 to 1979.

TPES/GDP PPP (toe per thousand 2000 US dollars)

ATEP/PIB PPA (tep par milliers de \$US 2000)

TPES/BIP Kaufkraftparität (in toe pro tausend 2000er US\$)

DTEP/PIL PPA (tep per migliaia di \$US 2000)

一次エネルギー供給 / GDP (石油換算トン / 千米ドル、2000年価格、購買力平価)

TPES/PIB PPP (tep por miles de 2000 US\$)

ОППТЭ / ВВП (тнэ на тыс.долл.США в ценах и по ППС 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bangladesh | 0.08 | 0.09 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 |
| Brunei Darussalam | 0.07 | 0.11 | 0.26 | 0.39 | 0.48 | 0.48 | 0.44 | 0.45 | 0.46 |
| Cambodia | .. | .. | .. | .. | 0.21 | 0.17 | 0.13 | 0.13 | 0.12 |
| Chinese Taipei | 0.19 | 0.19 | 0.23 | 0.18 | 0.17 | 0.17 | 0.18 | 0.17 | 0.17 |
| India | 0.25 | 0.26 | 0.25 | 0.23 | 0.21 | 0.19 | 0.16 | 0.15 | 0.15 |
| Indonesia | 0.34 | 0.31 | 0.27 | 0.26 | 0.23 | 0.25 | 0.23 | 0.23 | 0.23 |
| DPR of Korea | 1.83 | 1.53 | 1.06 | 0.61 | 0.51 | 0.52 | 0.54 | 0.54 | 0.46 |
| Malaysia | 0.21 | 0.17 | 0.21 | 0.22 | 0.24 | 0.24 | 0.25 | 0.24 | 0.25 |
| Mongolia | .. | .. | .. | 0.80 | 0.73 | 0.56 | 0.45 | 0.46 | 0.45 |
| Myanmar | 0.50 | 0.49 | 0.39 | 0.39 | 0.33 | 0.23 | 0.16 | 0.15 | 0.14 |
| Nepal | 0.36 | 0.37 | 0.36 | 0.29 | 0.26 | 0.25 | 0.24 | 0.24 | 0.23 |
| Pakistan | 0.28 | 0.28 | 0.26 | 0.24 | 0.24 | 0.24 | 0.23 | 0.22 | 0.22 |
| Philippines | 0.13 | 0.13 | 0.11 | 0.12 | 0.14 | 0.13 | 0.10 | 0.10 | 0.09 |
| Singapore | 0.25 | 0.28 | 0.23 | 0.25 | 0.27 | 0.20 | 0.24 | 0.22 | 0.20 |
| Sri Lanka | 0.22 | 0.22 | 0.17 | 0.14 | 0.11 | 0.12 | 0.11 | 0.10 | 0.10 |
| Thailand | 0.21 | 0.21 | 0.19 | 0.17 | 0.16 | 0.19 | 0.20 | 0.19 | 0.19 |
| Vietnam | 0.43 | 0.49 | 0.45 | 0.32 | 0.27 | 0.23 | 0.22 | 0.21 | 0.21 |
| Other Asia | 0.12 | 0.13 | 0.17 | 0.11 | 0.12 | 0.11 | 0.10 | 0.09 | 0.09 |
| Asia | 0.25 | 0.25 | 0.24 | 0.22 | 0.21 | 0.20 | 0.18 | 0.17 | 0.17 |
| People's Rep. of China | 0.88 | 0.86 | 0.79 | 0.47 | 0.32 | 0.22 | 0.22 | 0.21 | 0.20 |
| Hong Kong, China | 0.11 | 0.09 | 0.08 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 0.06 |
| China | 0.84 | 0.81 | 0.73 | 0.44 | 0.31 | 0.21 | 0.21 | 0.21 | 0.19 |
| Albania | 0.32 | 0.27 | 0.35 | 0.27 | 0.15 | 0.16 | 0.16 | 0.14 | 0.13 |
| Bosnia and Herzegovina | .. | .. | .. | 1.23 | 0.25 | 0.21 | 0.19 | 0.19 | 0.19 |
| Bulgaria | 0.76 | 0.71 | 0.62 | 0.49 | 0.45 | 0.38 | 0.31 | 0.30 | 0.28 |
| Croatia | .. | .. | .. | 0.19 | 0.20 | 0.19 | 0.17 | 0.16 | 0.16 |
| Cyprus | 0.19 | 0.23 | 0.18 | 0.15 | 0.16 | 0.16 | 0.14 | 0.14 | 0.14 |
| Gibraltar | 0.08 | 0.07 | 0.08 | 0.10 | 0.16 | 0.17 | 0.16 | 0.17 | 0.17 |
| FYR of Macedonia | .. | .. | .. | 0.19 | 0.24 | 0.22 | 0.22 | 0.21 | 0.21 |
| Malta | 0.19 | 0.20 | 0.11 | 0.16 | 0.13 | 0.10 | 0.12 | 0.11 | 0.11 |
| Romania | 0.63 | 0.58 | 0.45 | 0.40 | 0.33 | 0.27 | 0.22 | 0.21 | 0.19 |
| Serbia | .. | .. | .. | 0.52 | 0.37 | 0.36 | 0.35 | 0.35 | 0.33 |
| Slovenia | .. | .. | .. | 0.20 | 0.22 | 0.19 | 0.18 | 0.17 | 0.16 |
| Former Yugoslavia | 0.30 | 0.30 | 0.28 | x | x | x | x | x | x |
| Non-OECD Europe | 0.49 | 0.47 | 0.40 | 0.37 | 0.31 | 0.26 | 0.23 | 0.22 | 0.21 |
| Armenia | .. | .. | .. | 0.70 | 0.28 | 0.27 | 0.19 | 0.17 | 0.17 |
| Azerbaijan | .. | .. | .. | 0.76 | 0.90 | 0.57 | 0.36 | 0.27 | 0.19 |
| Belarus | .. | .. | .. | 0.78 | 0.70 | 0.51 | 0.39 | 0.38 | 0.34 |
| Estonia | .. | .. | .. | 0.70 | 0.50 | 0.35 | 0.28 | 0.24 | 0.26 |
| Georgia | .. | .. | .. | 0.48 | 0.52 | 0.30 | 0.23 | 0.21 | 0.20 |
| Kazakhstan | .. | .. | .. | 0.78 | 0.91 | 0.62 | 0.53 | 0.54 | 0.52 |
| Kyrgyzstan | .. | .. | .. | 0.69 | 0.44 | 0.33 | 0.31 | 0.31 | 0.29 |
| Latvia | .. | .. | .. | 0.31 | 0.32 | 0.20 | 0.16 | 0.14 | 0.13 |
| Lithuania | .. | .. | .. | 0.37 | 0.35 | 0.23 | 0.19 | 0.18 | 0.18 |
| Republic of Moldova | .. | .. | .. | 0.62 | 0.69 | 0.50 | 0.44 | 0.41 | 0.39 |
| Russian Federation | .. | .. | .. | 0.57 | 0.66 | 0.60 | 0.47 | 0.45 | 0.42 |
| Tajikistan | .. | .. | .. | 0.48 | 0.69 | 0.65 | 0.51 | 0.50 | 0.49 |
| Turkmenistan | .. | .. | .. | 0.97 | 1.11 | 0.94 | 0.53 | 0.48 | 0.47 |
| Ukraine | .. | .. | .. | 0.55 | 0.75 | 0.67 | 0.50 | 0.45 | 0.41 |
| Uzbekistan | .. | .. | .. | 1.23 | 1.39 | 1.36 | 0.98 | 0.94 | 0.86 |
| Former Soviet Union | 0.46 | 0.45 | 0.44 | 0.59 | 0.69 | 0.61 | 0.47 | 0.44 | 0.41 |

TPES/GDP PPP (toe per thousand 2000 US dollars)**ATEP/PIB PPA (tep par milliers de \$US 2000)**

TPES/BIP Kaufkraftparität (in toe pro tausend 2000er US\$)

DTEP/PIL PPA (tep per migliaia di \$US 2000)

一次エネルギー供給 / GDP (石油換算トン / 千米ドル、2000年価格、購買力平価)

TPES/PIB PPP (tep por miles de 2000 US\$)

ОППТЭ / ВВП (тнэ на тыс.долл.США в ценах и по ППС 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bahrain | 0.82 | 1.19 | 0.54 | 0.71 | 0.58 | 0.56 | 0.53 | 0.55 | 0.54 |
| Islamic Republic of Iran | 0.10 | 0.10 | 0.18 | 0.27 | 0.31 | 0.32 | 0.33 | 0.34 | 0.33 |
| Iraq | 0.06 | 0.07 | 0.08 | 0.40 | 1.51 | 0.72 | 1.22 | 1.26 | 1.16 |
| Israel | 0.14 | 0.17 | 0.13 | 0.13 | 0.13 | 0.12 | 0.12 | 0.12 | 0.11 |
| Jordan | 0.10 | 0.12 | 0.15 | 0.27 | 0.25 | 0.24 | 0.25 | 0.24 | 0.24 |
| Kuwait | 0.16 | 0.27 | 0.47 | 0.27 | 0.41 | 0.47 | 0.43 | 0.37 | 0.36 |
| Lebanon | 0.14 | 0.15 | 0.23 | 0.28 | 0.30 | 0.30 | 0.27 | 0.24 | 0.20 |
| Oman | 0.02 | 0.02 | 0.10 | 0.22 | 0.23 | 0.28 | 0.33 | 0.36 | 0.35 |
| Qatar | 0.12 | 0.13 | 0.37 | 0.87 | 0.95 | 0.72 | 0.70 | 0.72 | 0.76 |
| Saudi Arabia | 0.10 | 0.06 | 0.14 | 0.28 | 0.35 | 0.37 | 0.41 | 0.42 | 0.42 |
| Syrian Arab Republic | 0.24 | 0.18 | 0.20 | 0.35 | 0.30 | 0.33 | 0.27 | 0.27 | 0.27 |
| United Arab Emirates | 0.12 | 0.07 | 0.15 | 0.43 | 0.50 | 0.48 | 0.45 | 0.43 | 0.45 |
| Yemen | 0.36 | 0.39 | 0.25 | 0.29 | 0.30 | 0.32 | 0.36 | 0.37 | 0.37 |
| Middle East | 0.11 | 0.11 | 0.16 | 0.28 | 0.34 | 0.34 | 0.36 | 0.36 | 0.36 |
| Non-OECD Total | 0.34 | 0.33 | 0.32 | 0.33 | 0.29 | 0.25 | 0.23 | 0.22 | 0.21 |
| <i>European Union - 27</i> | .. | .. | .. | 0.19 | 0.18 | 0.16 | 0.15 | 0.15 | 0.14 |
| OECD North America | 0.39 | 0.38 | 0.34 | 0.27 | 0.26 | 0.23 | 0.21 | 0.21 | 0.20 |
| OECD Pacific | 0.20 | 0.21 | 0.19 | 0.17 | 0.18 | 0.18 | 0.17 | 0.16 | 0.16 |
| OECD Europe | 0.23 | 0.23 | 0.21 | 0.18 | 0.17 | 0.15 | 0.15 | 0.14 | 0.14 |
| OECD Total | 0.29 | 0.29 | 0.26 | 0.21 | 0.21 | 0.19 | 0.18 | 0.17 | 0.17 |
| World | 0.32 | 0.31 | 0.29 | 0.26 | 0.24 | 0.22 | 0.21 | 0.20 | 0.20 |

TPES/population (toe per capita)
ATEP/population (tep par habitant)

TPES/Bevölkerung (toe pro Kopf)

DTEP/Popolazione (tep per abitante)

一人当たり一次エネルギー供給 (石油換算トン/人)

TPES/ población (tep per capita)

ОППТЭ / Численность населения (тнэ на человека)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Algeria | 0.24 | 0.32 | 0.60 | 0.88 | 0.85 | 0.89 | 0.98 | 1.04 | 1.09 |
| Angola | 0.62 | 0.64 | 0.58 | 0.56 | 0.52 | 0.53 | 0.57 | 0.59 | 0.62 |
| Benin | 0.38 | 0.39 | 0.36 | 0.32 | 0.30 | 0.27 | 0.30 | 0.32 | 0.32 |
| Botswana | .. | .. | .. | 0.92 | 0.95 | 1.06 | 1.03 | 1.05 | 1.07 |
| Cameroon | 0.38 | 0.38 | 0.40 | 0.41 | 0.39 | 0.40 | 0.39 | 0.37 | 0.39 |
| Congo | 0.37 | 0.38 | 0.36 | 0.33 | 0.28 | 0.26 | 0.34 | 0.33 | 0.34 |
| DR of Congo | 0.31 | 0.31 | 0.30 | 0.31 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 |
| Côte d'Ivoire | 0.44 | 0.45 | 0.43 | 0.34 | 0.34 | 0.40 | 0.52 | 0.50 | 0.52 |
| Egypt | 0.22 | 0.21 | 0.35 | 0.58 | 0.58 | 0.68 | 0.84 | 0.86 | 0.89 |
| Eritrea | .. | .. | .. | .. | 0.31 | 0.19 | 0.17 | 0.15 | 0.15 |
| Ethiopia | 0.28 | 0.28 | 0.29 | 0.29 | 0.29 | 0.28 | 0.29 | 0.29 | 0.29 |
| Gabon | 1.98 | 2.55 | 2.01 | 1.29 | 1.28 | 1.24 | 1.34 | 1.35 | 1.39 |
| Ghana | 0.32 | 0.34 | 0.35 | 0.34 | 0.36 | 0.38 | 0.39 | 0.40 | 0.41 |
| Kenya | 0.48 | 0.48 | 0.49 | 0.48 | 0.47 | 0.48 | 0.49 | 0.50 | 0.49 |
| Libyan Arab Jamahiriya | 0.75 | 1.15 | 2.25 | 2.60 | 3.27 | 3.10 | 2.97 | 2.92 | 2.90 |
| Morocco | 0.16 | 0.18 | 0.25 | 0.29 | 0.33 | 0.36 | 0.43 | 0.44 | 0.47 |
| Mozambique | 0.71 | 0.67 | 0.55 | 0.44 | 0.39 | 0.39 | 0.41 | 0.42 | 0.43 |
| Namibia | .. | .. | .. | .. | 0.55 | 0.54 | 0.70 | 0.72 | 0.75 |
| Nigeria | 0.65 | 0.67 | 0.74 | 0.75 | 0.73 | 0.71 | 0.74 | 0.72 | 0.72 |
| Senegal | 0.27 | 0.27 | 0.27 | 0.21 | 0.21 | 0.23 | 0.24 | 0.23 | 0.22 |
| South Africa | 2.00 | 2.07 | 2.36 | 2.58 | 2.68 | 2.51 | 2.70 | 2.73 | 2.82 |
| Sudan | 0.47 | 0.47 | 0.43 | 0.41 | 0.41 | 0.40 | 0.42 | 0.40 | 0.38 |
| United Rep. of Tanzania | 0.54 | 0.51 | 0.43 | 0.38 | 0.37 | 0.40 | 0.44 | 0.45 | 0.45 |
| Togo | 0.33 | 0.32 | 0.32 | 0.32 | 0.35 | 0.39 | 0.38 | 0.37 | 0.37 |
| Tunisia | 0.32 | 0.35 | 0.51 | 0.61 | 0.65 | 0.76 | 0.82 | 0.84 | 0.86 |
| Zambia | 0.79 | 0.84 | 0.76 | 0.66 | 0.63 | 0.60 | 0.62 | 0.62 | 0.62 |
| Zimbabwe | 1.01 | 1.02 | 0.89 | 0.89 | 0.83 | 0.78 | 0.74 | 0.72 | 0.70 |
| Other Africa | 0.38 | 0.38 | 0.37 | 0.36 | 0.37 | 0.37 | 0.39 | 0.40 | 0.40 |
| Africa | 0.52 | 0.53 | 0.58 | 0.61 | 0.62 | 0.61 | 0.65 | 0.65 | 0.66 |
| Argentina | 1.38 | 1.41 | 1.49 | 1.41 | 1.55 | 1.65 | 1.63 | 1.75 | 1.85 |
| Bolivia | 0.24 | 0.27 | 0.46 | 0.42 | 0.53 | 0.59 | 0.52 | 0.52 | 0.57 |
| Brazil | 0.71 | 0.79 | 0.94 | 0.93 | 0.99 | 1.09 | 1.15 | 1.18 | 1.23 |
| Chile | 0.89 | 0.84 | 0.85 | 1.05 | 1.31 | 1.70 | 1.82 | 1.85 | 1.86 |
| Colombia | 0.60 | 0.57 | 0.65 | 0.69 | 0.74 | 0.64 | 0.62 | 0.65 | 0.63 |
| Costa Rica | 0.60 | 0.64 | 0.64 | 0.64 | 0.73 | 0.81 | 0.91 | 0.99 | 1.07 |
| Cuba | 1.23 | 1.29 | 1.51 | 1.56 | 0.94 | 1.01 | 0.84 | 0.88 | 0.88 |
| Dominican Republic | 0.50 | 0.57 | 0.58 | 0.56 | 0.74 | 0.88 | 0.81 | 0.81 | 0.81 |
| Ecuador | 0.37 | 0.37 | 0.63 | 0.58 | 0.60 | 0.66 | 0.76 | 0.83 | 0.88 |
| El Salvador | 0.47 | 0.51 | 0.55 | 0.48 | 0.60 | 0.64 | 0.67 | 0.68 | 0.71 |
| Guatemala | 0.49 | 0.50 | 0.54 | 0.50 | 0.54 | 0.63 | 0.63 | 0.63 | 0.62 |
| Haiti | 0.31 | 0.32 | 0.37 | 0.22 | 0.22 | 0.23 | 0.28 | 0.28 | 0.29 |
| Honduras | 0.50 | 0.50 | 0.51 | 0.49 | 0.51 | 0.48 | 0.59 | 0.58 | 0.67 |
| Jamaica | 1.06 | 1.49 | 1.07 | 1.17 | 1.30 | 1.45 | 1.39 | 1.62 | 1.85 |
| Netherlands Antilles | 33.98 | 36.47 | 22.56 | 7.64 | 6.88 | 10.94 | 10.49 | 10.15 | 11.39 |
| Nicaragua | 0.50 | 0.53 | 0.47 | 0.51 | 0.50 | 0.53 | 0.61 | 0.62 | 0.62 |
| Panama | 1.08 | 1.24 | 0.72 | 0.62 | 0.75 | 0.87 | 0.81 | 0.88 | 0.85 |
| Paraguay | 0.57 | 0.60 | 0.67 | 0.73 | 0.82 | 0.72 | 0.67 | 0.67 | 0.69 |
| Peru | 0.67 | 0.66 | 0.65 | 0.45 | 0.46 | 0.47 | 0.50 | 0.48 | 0.50 |
| Trinidad and Tobago | 2.67 | 2.64 | 3.52 | 4.88 | 4.96 | 7.53 | 9.58 | 10.71 | 11.46 |
| Uruguay | 0.86 | 0.85 | 0.91 | 0.72 | 0.80 | 0.93 | 0.90 | 0.96 | 0.95 |
| Venezuela | 1.76 | 1.78 | 2.35 | 2.21 | 2.34 | 2.32 | 2.24 | 2.26 | 2.32 |
| Other Latin America | 1.81 | 2.17 | 2.17 | 1.62 | 1.64 | 1.73 | 1.99 | 2.00 | 2.09 |
| Latin America | 0.85 | 0.89 | 1.00 | 0.96 | 1.01 | 1.09 | 1.12 | 1.15 | 1.19 |

TPES/population (toe per capita)
ATEP/population (tep par habitant)

TPES/Bevölkerung (toe pro Kopf)

DTEP/Popolazione (tep per abitante)

一人当たり一次エネルギー供給 (石油換算トン/人)

TPES/ población (tep per capita)

ОППТЭ / Численность населения (тнэ на человека)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bangladesh | 0.08 | 0.08 | 0.09 | 0.11 | 0.13 | 0.13 | 0.16 | 0.16 | 0.16 |
| Brunei Darussalam | 1.30 | 2.33 | 7.00 | 6.86 | 7.84 | 7.37 | 6.79 | 7.14 | 7.11 |
| Cambodia | .. | .. | .. | .. | 0.30 | 0.31 | 0.34 | 0.35 | 0.36 |
| Chinese Taipei | 0.68 | 0.85 | 1.57 | 2.38 | 3.00 | 3.84 | 4.52 | 4.60 | 4.81 |
| India | 0.28 | 0.28 | 0.30 | 0.37 | 0.41 | 0.45 | 0.49 | 0.51 | 0.53 |
| Indonesia | 0.30 | 0.31 | 0.39 | 0.58 | 0.68 | 0.73 | 0.79 | 0.81 | 0.85 |
| DPR of Korea | 1.33 | 1.34 | 1.76 | 1.65 | 1.01 | 0.86 | 0.91 | 0.91 | 0.77 |
| Malaysia | 0.53 | 0.51 | 0.88 | 1.25 | 1.86 | 2.13 | 2.54 | 2.55 | 2.73 |
| Mongolia | .. | .. | .. | 1.62 | 1.19 | 0.99 | 1.02 | 1.12 | 1.18 |
| Myanmar | 0.29 | 0.28 | 0.28 | 0.27 | 0.27 | 0.27 | 0.33 | 0.32 | 0.32 |
| Nepal | 0.29 | 0.30 | 0.30 | 0.30 | 0.31 | 0.33 | 0.34 | 0.34 | 0.34 |
| Pakistan | 0.27 | 0.28 | 0.30 | 0.40 | 0.44 | 0.46 | 0.48 | 0.49 | 0.51 |
| Philippines | 0.40 | 0.41 | 0.46 | 0.45 | 0.50 | 0.54 | 0.47 | 0.46 | 0.45 |
| Singapore | 1.29 | 1.71 | 2.13 | 3.76 | 5.35 | 4.80 | 6.49 | 6.16 | 5.83 |
| Sri Lanka | 0.30 | 0.32 | 0.31 | 0.32 | 0.33 | 0.43 | 0.46 | 0.46 | 0.47 |
| Thailand | 0.36 | 0.39 | 0.47 | 0.77 | 1.09 | 1.19 | 1.54 | 1.57 | 1.63 |
| Vietnam | 0.40 | 0.40 | 0.36 | 0.37 | 0.41 | 0.48 | 0.61 | 0.63 | 0.66 |
| Other Asia | 0.15 | 0.16 | 0.22 | 0.17 | 0.20 | 0.18 | 0.18 | 0.18 | 0.19 |
| Asia | 0.30 | 0.31 | 0.36 | 0.45 | 0.51 | 0.55 | 0.61 | 0.62 | 0.64 |
| People's Rep. of China | 0.47 | 0.48 | 0.61 | 0.76 | 0.87 | 0.87 | 1.30 | 1.41 | 1.48 |
| Hong Kong, China | 0.74 | 0.75 | 0.93 | 1.54 | 1.73 | 1.97 | 1.92 | 1.95 | 1.98 |
| China | 0.47 | 0.49 | 0.61 | 0.76 | 0.87 | 0.87 | 1.30 | 1.41 | 1.48 |
| Albania | 0.78 | 0.76 | 1.14 | 0.81 | 0.42 | 0.57 | 0.73 | 0.68 | 0.68 |
| Bosnia and Herzegovina | .. | .. | .. | 1.63 | 0.46 | 1.18 | 1.33 | 1.43 | 1.49 |
| Bulgaria | 2.23 | 2.38 | 3.20 | 3.28 | 2.75 | 2.31 | 2.57 | 2.66 | 2.65 |
| Croatia | .. | .. | .. | 1.88 | 1.51 | 1.73 | 2.00 | 2.01 | 2.10 |
| Cyprus | 0.95 | 1.23 | 1.69 | 2.35 | 2.68 | 3.08 | 2.93 | 2.99 | 3.10 |
| Gibraltar | 1.16 | 1.05 | 1.30 | 2.02 | 3.92 | 4.57 | 5.10 | 5.31 | 5.49 |
| FYR of Macedonia | .. | .. | .. | 1.30 | 1.27 | 1.33 | 1.43 | 1.43 | 1.48 |
| Malta | 0.65 | 0.79 | 0.87 | 1.93 | 1.88 | 1.73 | 2.13 | 2.02 | 2.12 |
| Romania | 2.06 | 2.30 | 2.94 | 2.68 | 2.04 | 1.61 | 1.77 | 1.85 | 1.81 |
| Serbia | .. | .. | .. | 1.95 | 1.25 | 1.63 | 2.02 | 2.12 | 2.14 |
| Slovenia | .. | .. | .. | 2.84 | 3.02 | 3.23 | 3.65 | 3.65 | 3.63 |
| Former Yugoslavia | 1.09 | 1.14 | 1.56 | x | x | x | x | x | x |
| Non-OECD Europe | 1.64 | 1.78 | 2.34 | 2.35 | 1.79 | 1.71 | 1.93 | 1.99 | 1.99 |
| Armenia | .. | .. | .. | 2.17 | 0.51 | 0.65 | 0.83 | 0.85 | 0.95 |
| Azerbaijan | .. | .. | .. | 3.61 | 1.66 | 1.42 | 1.59 | 1.60 | 1.39 |
| Belarus | .. | .. | .. | 4.15 | 2.43 | 2.47 | 2.75 | 2.94 | 2.89 |
| Estonia | .. | .. | .. | 6.10 | 3.34 | 3.29 | 3.85 | 3.74 | 4.20 |
| Georgia | .. | .. | .. | 2.22 | 0.74 | 0.61 | 0.70 | 0.68 | 0.76 |
| Kazakhstan | .. | .. | .. | 4.45 | 3.29 | 2.71 | 3.71 | 4.15 | 4.29 |
| Kyrgyzstan | .. | .. | .. | 1.71 | 0.53 | 0.50 | 0.54 | 0.54 | 0.56 |
| Latvia | .. | .. | .. | 2.91 | 1.82 | 1.56 | 1.92 | 1.99 | 2.05 |
| Lithuania | .. | .. | .. | 4.36 | 2.41 | 2.04 | 2.52 | 2.50 | 2.74 |
| Republic of Moldova | .. | .. | .. | 2.25 | 1.00 | 0.69 | 0.91 | 0.88 | 0.88 |
| Russian Federation | .. | .. | .. | 5.87 | 4.21 | 4.17 | 4.55 | 4.71 | 4.75 |
| Tajikistan | .. | .. | .. | 1.05 | 0.53 | 0.46 | 0.53 | 0.56 | 0.58 |
| Turkmenistan | .. | .. | .. | 5.35 | 3.31 | 3.22 | 3.42 | 3.37 | 3.64 |
| Ukraine | .. | .. | .. | 4.85 | 3.18 | 2.72 | 3.03 | 2.94 | 2.96 |
| Uzbekistan | .. | .. | .. | 2.26 | 1.87 | 2.04 | 1.80 | 1.83 | 1.81 |
| Former Soviet Union | 3.14 | 3.40 | 4.17 | 4.86 | 3.33 | 3.17 | 3.47 | 3.56 | 3.59 |

TPES/population (toe per capita)
ATEP/population (tep par habitant)

TPES/Bevölkerung (toe pro Kopf)

DTEP/Popolazione (tep per abitante)

一人当たり一次エネルギー供給 (石油換算トン/人)

TPES/ población (tep per capita)

ОППТЭ / Численность населения (тнэ на человека)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bahrain | 6.18 | 8.21 | 8.10 | 8.82 | 8.53 | 9.02 | 10.35 | 11.21 | 11.65 |
| Islamic Republic of Iran | 0.57 | 0.67 | 0.98 | 1.26 | 1.59 | 1.84 | 2.30 | 2.46 | 2.60 |
| Iraq | 0.46 | 0.50 | 0.80 | 1.00 | 1.33 | 1.12 | 1.27 | 1.28 | 1.20 |
| Israel | 1.87 | 2.37 | 2.02 | 2.49 | 2.82 | 2.93 | 2.96 | 3.00 | 3.06 |
| Jordan | 0.31 | 0.36 | 0.69 | 1.03 | 1.02 | 1.03 | 1.23 | 1.24 | 1.26 |
| Kuwait | 7.32 | 10.90 | 10.79 | 3.68 | 8.90 | 9.14 | 10.86 | 9.50 | 9.46 |
| Lebanon | 0.68 | 0.83 | 0.84 | 0.76 | 1.24 | 1.31 | 1.35 | 1.15 | 0.97 |
| Oman | 0.11 | 0.12 | 0.73 | 2.30 | 2.82 | 3.62 | 5.11 | 5.84 | 5.95 |
| Qatar | 7.61 | 9.76 | 15.18 | 14.75 | 16.52 | 18.58 | 20.60 | 22.41 | 26.54 |
| Saudi Arabia | 1.26 | 1.14 | 3.29 | 3.62 | 4.70 | 5.08 | 6.00 | 6.13 | 6.21 |
| Syrian Arab Republic | 0.40 | 0.33 | 0.57 | 0.89 | 0.96 | 1.06 | 0.93 | 0.96 | 0.99 |
| United Arab Emirates | 4.02 | 3.70 | 6.86 | 11.21 | 11.30 | 10.38 | 10.50 | 10.68 | 11.83 |
| Yemen | 0.11 | 0.14 | 0.15 | 0.20 | 0.22 | 0.26 | 0.31 | 0.32 | 0.32 |
| Middle East | 0.73 | 0.86 | 1.38 | 1.67 | 2.11 | 2.28 | 2.67 | 2.75 | 2.86 |
| Non-OECD Total | 0.70 | 0.73 | 0.87 | 0.97 | 0.91 | 0.91 | 1.07 | 1.11 | 1.14 |
| <i>European Union - 27</i> | .. | .. | .. | 3.46 | 3.42 | 3.49 | 3.62 | 3.60 | 3.55 |
| OECD North America | 6.34 | 6.75 | 6.58 | 6.25 | 6.28 | 6.52 | 6.40 | 6.29 | 6.34 |
| OECD Pacific | 2.23 | 2.55 | 2.69 | 3.38 | 3.89 | 4.23 | 4.32 | 4.34 | 4.35 |
| OECD Europe | 2.77 | 3.02 | 3.15 | 3.22 | 3.24 | 3.33 | 3.42 | 3.41 | 3.36 |
| OECD Total | 3.81 | 4.13 | 4.20 | 4.29 | 4.43 | 4.65 | 4.68 | 4.64 | 4.64 |
| World | 1.47 | 1.56 | 1.63 | 1.67 | 1.63 | 1.65 | 1.77 | 1.79 | 1.82 |

Oil supply/GDP (toe per thousand 2000 US dollars)
Approvisionnement en pétrole/PIB (tep par milliers de \$US 2000)

Ölaufkommen/BIP (toe pro tausend 2000er US\$)

disponibilità primaria di petrolio/PIL (tep per migliaia di \$US 2000)

石油供給量/GDP (石油換算トン/千米ドル、2000年価格)

Suministro de petróleo/PIB (tep por miles de 2000 US\$)

Поставка нефти и нефтепродуктов / ВВП (тнэ на тыс.долл.США 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Algeria | 0.13 | 0.13 | 0.15 | 0.20 | 0.19 | 0.18 | 0.16 | 0.17 | 0.19 |
| Angola | 0.09 | 0.11 | 0.13 | 0.13 | 0.15 | 0.15 | 0.13 | 0.14 | 0.14 |
| Benin | 0.12 | 0.15 | 0.12 | 0.06 | 0.04 | 0.22 | 0.31 | 0.36 | 0.36 |
| Botswana | .. | .. | .. | 0.10 | 0.10 | 0.09 | 0.08 | 0.08 | 0.08 |
| Cameroon | 0.07 | 0.07 | 0.09 | 0.11 | 0.11 | 0.10 | 0.09 | 0.09 | 0.13 |
| Congo | 0.19 | 0.18 | 0.15 | 0.10 | 0.08 | 0.07 | 0.12 | 0.10 | 0.11 |
| DR of Congo | 0.09 | 0.09 | 0.10 | 0.14 | 0.13 | 0.09 | 0.09 | 0.09 | 0.08 |
| Côte d'Ivoire | 0.16 | 0.17 | 0.16 | 0.12 | 0.13 | 0.12 | 0.12 | 0.08 | 0.12 |
| Egypt | 0.30 | 0.30 | 0.29 | 0.34 | 0.29 | 0.24 | 0.24 | 0.23 | 0.23 |
| Eritrea | .. | .. | .. | .. | 0.44 | 0.32 | 0.37 | 0.26 | 0.26 |
| Ethiopia | 0.11 | 0.10 | 0.10 | 0.13 | 0.14 | 0.13 | 0.15 | 0.14 | 0.14 |
| Gabon | 0.27 | 0.23 | 0.21 | 0.07 | 0.07 | 0.07 | 0.10 | 0.10 | 0.10 |
| Ghana | 0.25 | 0.28 | 0.29 | 0.30 | 0.30 | 0.36 | 0.37 | 0.41 | 0.42 |
| Kenya | 0.31 | 0.29 | 0.26 | 0.20 | 0.19 | 0.26 | 0.22 | 0.23 | 0.20 |
| Libyan Arab Jamahiriya | 0.02 | 0.05 | 0.10 | 0.24 | 0.37 | 0.36 | 0.29 | 0.26 | 0.25 |
| Morocco | 0.14 | 0.17 | 0.20 | 0.18 | 0.21 | 0.19 | 0.19 | 0.17 | 0.18 |
| Mozambique | 0.19 | 0.17 | 0.23 | 0.12 | 0.11 | 0.11 | 0.08 | 0.08 | 0.09 |
| Namibia | .. | .. | .. | .. | 0.21 | 0.19 | 0.22 | 0.22 | 0.22 |
| Nigeria | 0.07 | 0.10 | 0.25 | 0.30 | 0.26 | 0.22 | 0.23 | 0.18 | 0.14 |
| Senegal | 0.18 | 0.21 | 0.25 | 0.21 | 0.21 | 0.26 | 0.24 | 0.24 | 0.21 |
| South Africa | 0.12 | 0.13 | 0.11 | 0.09 | 0.09 | 0.08 | 0.09 | 0.09 | 0.10 |
| Sudan | 0.34 | 0.38 | 0.23 | 0.26 | 0.17 | 0.19 | 0.24 | 0.19 | 0.19 |
| United Rep. of Tanzania | 0.20 | 0.20 | 0.15 | 0.10 | 0.13 | 0.08 | 0.11 | 0.11 | 0.10 |
| Togo | 0.18 | 0.14 | 0.13 | 0.18 | 0.18 | 0.24 | 0.22 | 0.19 | 0.20 |
| Tunisia | 0.25 | 0.23 | 0.27 | 0.24 | 0.21 | 0.18 | 0.17 | 0.15 | 0.15 |
| Zambia | 0.20 | 0.26 | 0.24 | 0.21 | 0.21 | 0.15 | 0.15 | 0.15 | 0.15 |
| Zimbabwe | 0.15 | 0.17 | 0.14 | 0.11 | 0.20 | 0.14 | 0.12 | 0.12 | 0.13 |
| Other Africa | 0.10 | 0.10 | 0.12 | 0.13 | 0.14 | 0.12 | 0.11 | 0.11 | 0.11 |
| Africa | 0.13 | 0.14 | 0.16 | 0.19 | 0.19 | 0.17 | 0.17 | 0.16 | 0.16 |
| Argentina | 0.15 | 0.14 | 0.12 | 0.12 | 0.09 | 0.08 | 0.07 | 0.08 | 0.07 |
| Bolivia | 0.17 | 0.17 | 0.24 | 0.22 | 0.28 | 0.32 | 0.25 | 0.22 | 0.26 |
| Brazil | 0.13 | 0.14 | 0.13 | 0.12 | 0.12 | 0.14 | 0.12 | 0.12 | 0.11 |
| Chile | 0.21 | 0.23 | 0.18 | 0.17 | 0.17 | 0.16 | 0.14 | 0.14 | 0.17 |
| Colombia | 0.19 | 0.18 | 0.15 | 0.13 | 0.13 | 0.12 | 0.10 | 0.11 | 0.09 |
| Costa Rica | 0.10 | 0.10 | 0.10 | 0.10 | 0.12 | 0.10 | 0.09 | 0.09 | 0.09 |
| Cuba | 0.46 | 0.50 | 0.49 | 0.32 | 0.32 | 0.27 | 0.20 | 0.19 | 0.18 |
| Dominican Republic | 0.23 | 0.27 | 0.24 | 0.28 | 0.32 | 0.32 | 0.24 | 0.21 | 0.19 |
| Ecuador | 0.19 | 0.18 | 0.36 | 0.34 | 0.35 | 0.40 | 0.40 | 0.42 | 0.43 |
| El Salvador | 0.07 | 0.08 | 0.07 | 0.09 | 0.14 | 0.14 | 0.13 | 0.13 | 0.13 |
| Guatemala | 0.11 | 0.11 | 0.12 | 0.10 | 0.13 | 0.15 | 0.14 | 0.14 | 0.14 |
| Haiti | 0.04 | 0.04 | 0.04 | 0.07 | 0.09 | 0.12 | 0.18 | 0.18 | 0.20 |
| Honduras | 0.15 | 0.15 | 0.14 | 0.14 | 0.19 | 0.19 | 0.24 | 0.21 | 0.25 |
| Jamaica | 0.31 | 0.42 | 0.40 | 0.34 | 0.34 | 0.40 | 0.36 | 0.43 | 0.54 |
| Netherlands Antilles | .. | .. | 3.77 | 1.39 | 1.08 | 1.65 | 1.54 | 1.49 | 1.66 |
| Nicaragua | 0.16 | 0.17 | 0.19 | 0.21 | 0.27 | 0.29 | 0.30 | 0.28 | 0.28 |
| Panama | 0.29 | 0.34 | 0.14 | 0.12 | 0.15 | 0.15 | 0.13 | 0.14 | 0.12 |
| Paraguay | 0.10 | 0.11 | 0.11 | 0.11 | 0.16 | 0.15 | 0.14 | 0.14 | 0.14 |
| Peru | 0.17 | 0.17 | 0.17 | 0.16 | 0.14 | 0.14 | 0.11 | 0.09 | 0.08 |
| Trinidad and Tobago | 0.22 | 0.21 | 0.18 | 0.21 | 0.19 | 0.19 | 0.14 | 0.12 | 0.13 |
| Uruguay | 0.16 | 0.16 | 0.13 | 0.09 | 0.08 | 0.10 | 0.08 | 0.09 | 0.08 |
| Venezuela | 0.14 | 0.12 | 0.22 | 0.20 | 0.19 | 0.20 | 0.22 | 0.20 | 0.21 |
| Other Latin America | 0.41 | 0.48 | 0.38 | 0.21 | 0.21 | 0.19 | 0.21 | 0.20 | 0.21 |
| Latin America | 0.16 | 0.16 | 0.16 | 0.14 | 0.14 | 0.15 | 0.13 | 0.13 | 0.13 |

Due to a lack of complete series for GDP data, regional aggregates do not include Netherlands Antilles from 1971 to 1979.

Oil supply/GDP (toe per thousand 2000 US dollars)
Approvisionnement en pétrole/PIB (tep par milliers de \$US 2000)

Ölaufkommen/BIP (toe pro tausend 2000er US\$)

disponibilità primaria di petrolio/PII (tep per migliaia di \$US 2000)

石油供給量/GDP (石油換算トン/千米ドル、2000年価格)

Suministro de petróleo/PIB (tep por miles de 2000 US\$)

Поставка нефти и нефтепродуктов / ВВП (тнэ на тыс.долл.США 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bangladesh | 0.05 | 0.06 | 0.08 | 0.06 | 0.08 | 0.07 | 0.07 | 0.06 | 0.06 |
| Brunei Darussalam | 0.03 | 0.02 | 0.04 | 0.02 | 0.07 | 0.14 | 0.14 | 0.13 | 0.14 |
| Cambodia | .. | .. | .. | .. | 0.18 | 0.21 | 0.22 | 0.21 | 0.21 |
| Chinese Taipei | 0.18 | 0.21 | 0.25 | 0.15 | 0.14 | 0.12 | 0.12 | 0.11 | 0.11 |
| India | 0.18 | 0.20 | 0.21 | 0.23 | 0.24 | 0.24 | 0.19 | 0.19 | 0.18 |
| Indonesia | 0.28 | 0.31 | 0.35 | 0.31 | 0.28 | 0.33 | 0.31 | 0.27 | 0.26 |
| DPR of Korea | 0.29 | 0.32 | 0.33 | 0.17 | 0.11 | 0.09 | 0.08 | 0.06 | 0.07 |
| Malaysia | 0.34 | 0.27 | 0.31 | 0.26 | 0.29 | 0.22 | 0.20 | 0.18 | 0.19 |
| Mongolia | .. | .. | .. | 0.75 | 0.37 | 0.40 | 0.38 | 0.39 | 0.44 |
| Myanmar | 0.49 | 0.39 | 0.33 | 0.16 | 0.21 | 0.22 | 0.12 | 0.10 | 0.10 |
| Nepal | 0.03 | 0.04 | 0.05 | 0.07 | 0.12 | 0.13 | 0.11 | 0.11 | 0.11 |
| Pakistan | 0.18 | 0.17 | 0.16 | 0.21 | 0.23 | 0.25 | 0.17 | 0.18 | 0.19 |
| Philippines | 0.29 | 0.29 | 0.23 | 0.20 | 0.28 | 0.22 | 0.15 | 0.14 | 0.13 |
| Singapore | 0.26 | 0.28 | 0.24 | 0.26 | 0.25 | 0.20 | 0.19 | 0.17 | 0.15 |
| Sri Lanka | 0.23 | 0.28 | 0.20 | 0.13 | 0.15 | 0.22 | 0.20 | 0.18 | 0.18 |
| Thailand | 0.29 | 0.32 | 0.29 | 0.23 | 0.27 | 0.26 | 0.27 | 0.26 | 0.24 |
| Vietnam | 0.43 | 0.50 | 0.21 | 0.18 | 0.21 | 0.26 | 0.27 | 0.25 | 0.25 |
| Other Asia | 0.12 | 0.15 | 0.21 | 0.16 | 0.14 | 0.12 | 0.12 | 0.11 | 0.11 |
| Asia | 0.21 | 0.23 | 0.24 | 0.21 | 0.22 | 0.21 | 0.19 | 0.18 | 0.17 |
| People's Rep. of China | 0.37 | 0.44 | 0.49 | 0.25 | 0.20 | 0.18 | 0.17 | 0.16 | 0.15 |
| Hong Kong, China | 0.11 | 0.09 | 0.08 | 0.03 | 0.03 | 0.04 | 0.02 | 0.02 | 0.01 |
| China | 0.32 | 0.36 | 0.39 | 0.20 | 0.17 | 0.17 | 0.15 | 0.15 | 0.14 |
| Albania | 0.50 | 0.37 | 0.54 | 0.37 | 0.22 | 0.27 | 0.32 | 0.28 | 0.27 |
| Bosnia and Herzegovina | .. | .. | .. | 1.44 | 0.39 | 0.23 | 0.18 | 0.18 | 0.18 |
| Bulgaria | 1.54 | 1.50 | 1.13 | 0.63 | 0.46 | 0.33 | 0.29 | 0.28 | 0.27 |
| Croatia | .. | .. | .. | 0.22 | 0.25 | 0.21 | 0.19 | 0.19 | 0.18 |
| Cyprus | 0.27 | 0.33 | 0.25 | 0.21 | 0.21 | 0.22 | 0.19 | 0.19 | 0.20 |
| Gibraltar | 0.09 | 0.07 | 0.08 | 0.10 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 |
| FYR of Macedonia | .. | .. | .. | 0.28 | 0.26 | 0.26 | 0.24 | 0.24 | 0.25 |
| Malta | 0.34 | 0.35 | 0.20 | 0.21 | 0.22 | 0.17 | 0.21 | 0.20 | 0.20 |
| Romania | 0.60 | 0.58 | 0.45 | 0.41 | 0.33 | 0.26 | 0.19 | 0.19 | 0.17 |
| Serbia | .. | .. | .. | 0.50 | 0.19 | 0.15 | 0.36 | 0.34 | 0.32 |
| Slovenia | .. | .. | .. | 0.10 | 0.14 | 0.12 | 0.11 | 0.10 | 0.10 |
| Former Yugoslavia | 0.27 | 0.29 | 0.28 | x | x | x | x | x | x |
| Non-OECD Europe | 0.50 | 0.51 | 0.43 | 0.36 | 0.28 | 0.22 | 0.21 | 0.20 | 0.19 |
| Armenia | .. | .. | .. | 1.29 | 0.16 | 0.15 | 0.11 | 0.09 | 0.08 |
| Azerbaijan | .. | .. | .. | 1.29 | 1.80 | 1.19 | 0.49 | 0.33 | 0.24 |
| Belarus | .. | .. | .. | 1.84 | 1.16 | 0.62 | 0.42 | 0.45 | 0.38 |
| Estonia | .. | .. | .. | 0.50 | 0.21 | 0.12 | 0.09 | 0.08 | 0.07 |
| Georgia | .. | .. | .. | 0.68 | 0.68 | 0.24 | 0.17 | 0.16 | 0.18 |
| Kazakhstan | .. | .. | .. | 0.75 | 0.71 | 0.46 | 0.33 | 0.33 | 0.31 |
| Kyrgyzstan | .. | .. | .. | 1.48 | 0.52 | 0.32 | 0.37 | 0.34 | 0.37 |
| Latvia | .. | .. | .. | 0.33 | 0.31 | 0.15 | 0.11 | 0.11 | 0.11 |
| Lithuania | .. | .. | .. | 0.42 | 0.32 | 0.18 | 0.15 | 0.14 | 0.13 |
| Republic of Moldova | .. | .. | .. | 1.33 | 0.70 | 0.33 | 0.36 | 0.34 | 0.32 |
| Russian Federation | .. | .. | .. | 0.68 | 0.60 | 0.49 | 0.37 | 0.36 | 0.33 |
| Tajikistan | .. | .. | .. | 0.90 | 1.40 | 1.03 | 1.07 | 1.13 | 1.16 |
| Turkmenistan | .. | .. | .. | 1.99 | 1.23 | 1.29 | 0.75 | 0.68 | 0.68 |
| Ukraine | .. | .. | .. | 0.81 | 0.72 | 0.38 | 0.32 | 0.30 | 0.30 |
| Uzbekistan | .. | .. | .. | 0.72 | 0.61 | 0.53 | 0.32 | 0.27 | 0.24 |
| Former Soviet Union | 0.63 | 0.65 | 0.67 | 0.75 | 0.63 | 0.47 | 0.35 | 0.33 | 0.31 |

Oil supply/GDP (toe per thousand 2000 US dollars)
Approvisionnement en pétrole/PIB (tep par milliers de \$US 2000)

Ölaufkommen/BIP (toe pro tausend 2000er US\$)

disponibilità primaria di petrolio/PIL (tep per migliaia di \$US 2000)

石油供給量/GDP (石油換算トン/千米ドル、2000年価格)

Suministro de petróleo/PIB (tep por miles de 2000 US\$)

Поставка нефти и нефтепродуктов / ВВП (тнэ на тыс.долл.США 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bahrain | 0.49 | 0.53 | 0.09 | 0.17 | 0.15 | 0.11 | 0.12 | 0.13 | 0.12 |
| Islamic Republic of Iran | 0.29 | 0.29 | 0.57 | 0.70 | 0.67 | 0.63 | 0.56 | 0.57 | 0.54 |
| Iraq | 0.07 | 0.07 | 0.10 | 0.49 | 1.85 | 0.88 | 1.60 | 1.66 | 1.52 |
| Israel | 0.18 | 0.21 | 0.15 | 0.12 | 0.11 | 0.09 | 0.08 | 0.07 | 0.07 |
| Jordan | 0.23 | 0.29 | 0.36 | 0.60 | 0.56 | 0.55 | 0.45 | 0.39 | 0.36 |
| Kuwait | 0.05 | 0.15 | 0.33 | 0.11 | 0.24 | 0.33 | 0.32 | 0.25 | 0.25 |
| Lebanon | 0.12 | 0.14 | 0.20 | 0.25 | 0.27 | 0.27 | 0.24 | 0.21 | 0.17 |
| Oman | 0.03 | 0.03 | 0.10 | 0.14 | 0.16 | 0.15 | 0.17 | 0.17 | 0.17 |
| Qatar | 0.01 | 0.01 | 0.06 | 0.15 | 0.13 | 0.11 | 0.15 | 0.14 | 0.17 |
| Saudi Arabia | 0.12 | 0.07 | 0.15 | 0.26 | 0.36 | 0.38 | 0.39 | 0.39 | 0.39 |
| Syrian Arab Republic | 0.65 | 0.50 | 0.51 | 0.83 | 0.67 | 0.63 | 0.52 | 0.52 | 0.54 |
| United Arab Emirates | 0.02 | 0.01 | 0.06 | 0.12 | 0.12 | 0.09 | 0.09 | 0.09 | 0.09 |
| Yemen | 0.52 | 0.58 | 0.37 | 0.44 | 0.46 | 0.49 | 0.56 | 0.57 | 0.57 |
| Middle East | 0.14 | 0.14 | 0.20 | 0.32 | 0.36 | 0.34 | 0.34 | 0.33 | 0.32 |
| Non-OECD Total | 0.27 | 0.29 | 0.30 | 0.28 | 0.23 | 0.21 | 0.19 | 0.18 | 0.18 |
| <i>European Union - 27</i> | .. | .. | .. | 0.09 | 0.08 | 0.07 | 0.07 | 0.07 | 0.06 |
| OECD North America | 0.19 | 0.19 | 0.16 | 0.11 | 0.10 | 0.09 | 0.09 | 0.09 | 0.08 |
| OECD Pacific | 0.11 | 0.12 | 0.09 | 0.07 | 0.08 | 0.07 | 0.06 | 0.06 | 0.06 |
| OECD Europe | 0.15 | 0.15 | 0.12 | 0.08 | 0.08 | 0.07 | 0.07 | 0.06 | 0.06 |
| OECD Total | 0.16 | 0.16 | 0.13 | 0.09 | 0.09 | 0.08 | 0.08 | 0.07 | 0.07 |
| World | 0.19 | 0.19 | 0.17 | 0.13 | 0.12 | 0.11 | 0.11 | 0.11 | 0.10 |

Oil supply/population (toe per capita)
Approvisionnement en pétrole/population (tep par habitant)

Ölaufkommen/Bevölkerung (toe pro Kopf)

Disponibilità primaria di petrolio/popolazione (tep per abitante)

一人当たりの石油供給量 (石油換算トン/人)

Suministro de petróleo/población (tep per capita)

Поставка нефти и нефтепродуктов / Численность населения (тнэ на человека)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Algeria | 0.16 | 0.20 | 0.28 | 0.37 | 0.32 | 0.31 | 0.33 | 0.37 | 0.40 |
| Angola | 0.09 | 0.12 | 0.11 | 0.10 | 0.08 | 0.10 | 0.12 | 0.14 | 0.18 |
| Benin | 0.03 | 0.04 | 0.04 | 0.02 | 0.01 | 0.07 | 0.10 | 0.12 | 0.12 |
| Botswana | .. | .. | .. | 0.24 | 0.25 | 0.34 | 0.37 | 0.38 | 0.39 |
| Cameroon | 0.03 | 0.04 | 0.06 | 0.08 | 0.06 | 0.06 | 0.06 | 0.06 | 0.09 |
| Congo | 0.14 | 0.15 | 0.15 | 0.12 | 0.08 | 0.07 | 0.13 | 0.12 | 0.13 |
| DR of Congo | 0.03 | 0.03 | 0.02 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 |
| Côte d'Ivoire | 0.15 | 0.15 | 0.15 | 0.08 | 0.08 | 0.07 | 0.06 | 0.05 | 0.07 |
| Egypt | 0.17 | 0.17 | 0.26 | 0.41 | 0.36 | 0.36 | 0.39 | 0.40 | 0.41 |
| Eritrea | .. | .. | .. | .. | 0.08 | 0.05 | 0.06 | 0.04 | 0.04 |
| Ethiopia | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| Gabon | 0.94 | 0.95 | 1.10 | 0.32 | 0.32 | 0.31 | 0.42 | 0.41 | 0.45 |
| Ghana | 0.07 | 0.08 | 0.07 | 0.06 | 0.07 | 0.09 | 0.10 | 0.12 | 0.13 |
| Kenya | 0.11 | 0.11 | 0.11 | 0.09 | 0.08 | 0.10 | 0.09 | 0.10 | 0.09 |
| Libyan Arab Jamahiriya | 0.28 | 0.73 | 1.40 | 1.64 | 2.42 | 2.30 | 2.13 | 2.02 | 2.01 |
| Morocco | 0.12 | 0.14 | 0.21 | 0.22 | 0.24 | 0.24 | 0.29 | 0.29 | 0.31 |
| Mozambique | 0.06 | 0.05 | 0.05 | 0.02 | 0.02 | 0.03 | 0.02 | 0.03 | 0.03 |
| Namibia | .. | .. | .. | .. | 0.36 | 0.34 | 0.46 | 0.47 | 0.49 |
| Nigeria | 0.03 | 0.04 | 0.11 | 0.11 | 0.10 | 0.08 | 0.10 | 0.08 | 0.07 |
| Senegal | 0.09 | 0.10 | 0.12 | 0.09 | 0.09 | 0.12 | 0.12 | 0.12 | 0.10 |
| South Africa | 0.37 | 0.42 | 0.37 | 0.29 | 0.28 | 0.24 | 0.32 | 0.33 | 0.36 |
| Sudan | 0.09 | 0.09 | 0.06 | 0.07 | 0.05 | 0.07 | 0.11 | 0.09 | 0.10 |
| United Rep. of Tanzania | 0.05 | 0.05 | 0.04 | 0.03 | 0.03 | 0.02 | 0.04 | 0.04 | 0.03 |
| Togo | 0.05 | 0.04 | 0.05 | 0.05 | 0.04 | 0.06 | 0.05 | 0.04 | 0.05 |
| Tunisia | 0.22 | 0.23 | 0.37 | 0.37 | 0.34 | 0.37 | 0.40 | 0.39 | 0.39 |
| Zambia | 0.11 | 0.14 | 0.11 | 0.08 | 0.06 | 0.05 | 0.05 | 0.06 | 0.06 |
| Zimbabwe | 0.10 | 0.11 | 0.08 | 0.07 | 0.12 | 0.08 | 0.05 | 0.05 | 0.05 |
| Other Africa | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| Africa | 0.09 | 0.10 | 0.13 | 0.14 | 0.13 | 0.12 | 0.14 | 0.13 | 0.14 |
| Argentina | 1.02 | 1.01 | 0.94 | 0.65 | 0.66 | 0.64 | 0.59 | 0.69 | 0.68 |
| Bolivia | 0.16 | 0.18 | 0.26 | 0.19 | 0.26 | 0.33 | 0.27 | 0.24 | 0.29 |
| Brazil | 0.28 | 0.37 | 0.46 | 0.39 | 0.44 | 0.51 | 0.47 | 0.47 | 0.48 |
| Chile | 0.51 | 0.49 | 0.45 | 0.51 | 0.72 | 0.78 | 0.82 | 0.83 | 1.04 |
| Colombia | 0.26 | 0.27 | 0.27 | 0.28 | 0.31 | 0.28 | 0.26 | 0.29 | 0.27 |
| Costa Rica | 0.25 | 0.29 | 0.31 | 0.30 | 0.42 | 0.42 | 0.41 | 0.45 | 0.48 |
| Cuba | 0.81 | 0.91 | 1.09 | 0.99 | 0.66 | 0.69 | 0.64 | 0.67 | 0.67 |
| Dominican Republic | 0.24 | 0.33 | 0.36 | 0.42 | 0.55 | 0.71 | 0.59 | 0.56 | 0.56 |
| Ecuador | 0.18 | 0.19 | 0.49 | 0.44 | 0.47 | 0.52 | 0.63 | 0.68 | 0.72 |
| El Salvador | 0.13 | 0.17 | 0.13 | 0.15 | 0.28 | 0.29 | 0.30 | 0.29 | 0.30 |
| Guatemala | 0.15 | 0.16 | 0.20 | 0.14 | 0.20 | 0.26 | 0.25 | 0.25 | 0.25 |
| Haiti | 0.03 | 0.02 | 0.04 | 0.04 | 0.04 | 0.05 | 0.07 | 0.07 | 0.08 |
| Honduras | 0.14 | 0.14 | 0.15 | 0.15 | 0.21 | 0.22 | 0.31 | 0.28 | 0.35 |
| Jamaica | 0.91 | 1.36 | 0.96 | 0.95 | 1.09 | 1.24 | 1.19 | 1.43 | 1.65 |
| Netherlands Antilles | 33.98 | 36.47 | 22.56 | 7.64 | 6.88 | 10.94 | 10.49 | 10.15 | 11.39 |
| Nicaragua | 0.20 | 0.22 | 0.19 | 0.14 | 0.18 | 0.23 | 0.25 | 0.24 | 0.25 |
| Panama | 0.86 | 1.03 | 0.45 | 0.35 | 0.50 | 0.60 | 0.58 | 0.65 | 0.64 |
| Paraguay | 0.08 | 0.10 | 0.15 | 0.16 | 0.24 | 0.20 | 0.19 | 0.20 | 0.20 |
| Peru | 0.36 | 0.36 | 0.38 | 0.26 | 0.28 | 0.29 | 0.26 | 0.24 | 0.23 |
| Trinidad and Tobago | 1.02 | 1.03 | 1.26 | 1.00 | 0.98 | 1.17 | 1.29 | 1.25 | 1.34 |
| Uruguay | 0.66 | 0.65 | 0.68 | 0.43 | 0.49 | 0.60 | 0.54 | 0.62 | 0.56 |
| Venezuela | 0.87 | 0.78 | 1.30 | 0.94 | 0.98 | 0.96 | 1.11 | 1.11 | 1.21 |
| Other Latin America | 1.59 | 1.95 | 1.90 | 1.38 | 1.40 | 1.41 | 1.59 | 1.61 | 1.70 |
| Latin America | 0.45 | 0.49 | 0.55 | 0.44 | 0.48 | 0.51 | 0.50 | 0.51 | 0.53 |

Oil supply/population (toe per capita)
Approvisionnement en pétrole/population (tep par habitant)

Ölaufkommen/Bevölkerung (toe pro Kopf)

Disponibilità primaria di petrolio/popolazione (tep per abitante)

一人当たりの石油供給量 (石油換算トン/人)

Suministro de petróleo/población (tep per capita)

Поставка нефти и нефтепродуктов / Численность населения (тнэ на человека)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bangladesh | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 |
| Brunei Darussalam | 0.47 | 0.43 | 0.92 | 0.33 | 1.02 | 1.81 | 1.88 | 1.77 | 1.87 |
| Cambodia | .. | .. | .. | .. | 0.04 | 0.06 | 0.09 | 0.10 | 0.10 |
| Chinese Taipei | 0.42 | 0.60 | 1.12 | 1.28 | 1.56 | 1.72 | 1.93 | 1.90 | 2.01 |
| India | 0.04 | 0.04 | 0.05 | 0.07 | 0.09 | 0.11 | 0.11 | 0.12 | 0.13 |
| Indonesia | 0.07 | 0.09 | 0.14 | 0.19 | 0.23 | 0.26 | 0.29 | 0.27 | 0.27 |
| DPR of Korea | 0.06 | 0.08 | 0.16 | 0.13 | 0.06 | 0.04 | 0.04 | 0.03 | 0.04 |
| Malaysia | 0.40 | 0.38 | 0.59 | 0.68 | 1.06 | 0.89 | 0.92 | 0.87 | 0.97 |
| Mongolia | .. | .. | .. | 0.39 | 0.15 | 0.18 | 0.22 | 0.24 | 0.30 |
| Myanmar | 0.05 | 0.04 | 0.04 | 0.02 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 |
| Nepal | 0.00 | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 |
| Pakistan | 0.05 | 0.05 | 0.05 | 0.10 | 0.12 | 0.13 | 0.10 | 0.11 | 0.12 |
| Philippines | 0.22 | 0.23 | 0.22 | 0.18 | 0.25 | 0.22 | 0.17 | 0.16 | 0.15 |
| Singapore | 1.29 | 1.71 | 2.13 | 3.75 | 4.93 | 4.51 | 5.10 | 4.70 | 4.36 |
| Sri Lanka | 0.08 | 0.10 | 0.09 | 0.08 | 0.11 | 0.19 | 0.20 | 0.20 | 0.21 |
| Thailand | 0.15 | 0.18 | 0.23 | 0.33 | 0.55 | 0.52 | 0.67 | 0.67 | 0.66 |
| Vietnam | 0.08 | 0.08 | 0.03 | 0.04 | 0.06 | 0.10 | 0.15 | 0.15 | 0.16 |
| Other Asia | 0.04 | 0.06 | 0.09 | 0.08 | 0.09 | 0.07 | 0.08 | 0.08 | 0.09 |
| Asia | 0.07 | 0.07 | 0.10 | 0.12 | 0.16 | 0.17 | 0.18 | 0.18 | 0.19 |
| People's Rep. of China | 0.05 | 0.06 | 0.09 | 0.10 | 0.13 | 0.17 | 0.24 | 0.26 | 0.27 |
| Hong Kong, China | 0.72 | 0.73 | 0.92 | 0.59 | 0.72 | 0.91 | 0.53 | 0.49 | 0.48 |
| China | 0.05 | 0.06 | 0.10 | 0.10 | 0.13 | 0.18 | 0.24 | 0.26 | 0.27 |
| Albania | 0.39 | 0.34 | 0.58 | 0.37 | 0.19 | 0.33 | 0.49 | 0.44 | 0.45 |
| Bosnia and Herzegovina | .. | .. | .. | 0.47 | 0.17 | 0.32 | 0.30 | 0.32 | 0.34 |
| Bulgaria | 1.16 | 1.31 | 1.51 | 1.08 | 0.71 | 0.51 | 0.62 | 0.64 | 0.64 |
| Croatia | .. | .. | .. | 1.00 | 0.84 | 0.87 | 1.01 | 1.03 | 1.06 |
| Cyprus | 0.93 | 1.22 | 1.67 | 2.23 | 2.51 | 2.97 | 2.81 | 2.86 | 2.95 |
| Gibraltar | 1.16 | 1.05 | 1.30 | 2.02 | 3.92 | 4.57 | 5.10 | 5.31 | 5.49 |
| FYR of Macedonia | .. | .. | .. | 0.58 | 0.40 | 0.47 | 0.45 | 0.47 | 0.51 |
| Malta | 0.65 | 0.79 | 0.87 | 1.42 | 1.79 | 1.73 | 2.13 | 2.02 | 2.12 |
| Romania | 0.55 | 0.64 | 0.82 | 0.78 | 0.58 | 0.43 | 0.44 | 0.46 | 0.44 |
| Serbia | .. | .. | .. | 0.52 | 0.17 | 0.18 | 0.55 | 0.56 | 0.58 |
| Slovenia | .. | .. | .. | 0.87 | 1.15 | 1.19 | 1.27 | 1.31 | 1.27 |
| Former Yugoslavia | 0.45 | 0.51 | 0.73 | x | x | x | x | x | x |
| Non-OECD Europe | 0.61 | 0.69 | 0.89 | 0.77 | 0.54 | 0.50 | 0.60 | 0.62 | 0.62 |
| Armenia | .. | .. | .. | 1.03 | 0.07 | 0.09 | 0.12 | 0.12 | 0.12 |
| Azerbaijan | .. | .. | .. | 1.62 | 0.88 | 0.78 | 0.58 | 0.51 | 0.47 |
| Belarus | .. | .. | .. | 2.59 | 1.07 | 0.79 | 0.79 | 0.92 | 0.86 |
| Estonia | .. | .. | .. | 1.89 | 0.62 | 0.49 | 0.54 | 0.53 | 0.53 |
| Georgia | .. | .. | .. | 1.02 | 0.31 | 0.15 | 0.17 | 0.17 | 0.22 |
| Kazakhstan | .. | .. | .. | 1.22 | 0.73 | 0.56 | 0.66 | 0.72 | 0.72 |
| Kyrgyzstan | .. | .. | .. | 0.69 | 0.12 | 0.09 | 0.12 | 0.11 | 0.13 |
| Latvia | .. | .. | .. | 1.28 | 0.74 | 0.48 | 0.57 | 0.61 | 0.67 |
| Lithuania | .. | .. | .. | 1.83 | 0.83 | 0.59 | 0.74 | 0.74 | 0.77 |
| Republic of Moldova | .. | .. | .. | 1.09 | 0.23 | 0.10 | 0.17 | 0.17 | 0.17 |
| Russian Federation | .. | .. | .. | 1.78 | 0.96 | 0.86 | 0.90 | 0.94 | 0.93 |
| Tajikistan | .. | .. | .. | 0.38 | 0.21 | 0.14 | 0.22 | 0.24 | 0.27 |
| Turkmenistan | .. | .. | .. | 2.03 | 0.68 | 0.82 | 0.90 | 0.88 | 0.97 |
| Ukraine | .. | .. | .. | 1.13 | 0.49 | 0.24 | 0.31 | 0.31 | 0.33 |
| Uzbekistan | .. | .. | .. | 0.49 | 0.31 | 0.30 | 0.22 | 0.20 | 0.19 |
| Former Soviet Union | 1.04 | 1.20 | 1.56 | 1.49 | 0.75 | 0.62 | 0.65 | 0.67 | 0.67 |

Oil supply/population (toe per capita)
Approvisionnement en pétrole/population (tep par habitant)

Ölaufkommen/Bevölkerung (toe pro Kopf)

Disponibilità primaria di petrolio/popolazione (tep per abitante)

一人当たりの石油供給量 (石油換算トン/人)

Suministro de petróleo/población (tep per capita)

Поставка нефти и нефтепродуктов / Численность населения (тнэ на человека)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bahrain | 2.85 | 2.79 | 1.09 | 1.62 | 1.67 | 1.38 | 1.73 | 2.02 | 1.98 |
| Islamic Republic of Iran | 0.46 | 0.52 | 0.83 | 0.90 | 0.95 | 0.99 | 1.09 | 1.15 | 1.16 |
| Iraq | 0.37 | 0.40 | 0.71 | 0.89 | 1.19 | 1.00 | 1.22 | 1.23 | 1.15 |
| Israel | 1.83 | 2.35 | 1.99 | 1.90 | 2.00 | 1.79 | 1.57 | 1.49 | 1.56 |
| Jordan | 0.31 | 0.35 | 0.69 | 0.98 | 0.96 | 0.97 | 0.95 | 0.85 | 0.82 |
| Kuwait | 1.98 | 5.33 | 6.69 | 1.30 | 4.63 | 5.66 | 7.14 | 5.78 | 5.92 |
| Lebanon | 0.61 | 0.78 | 0.77 | 0.71 | 1.14 | 1.19 | 1.25 | 1.05 | 0.87 |
| Oman | 0.11 | 0.12 | 0.47 | 0.98 | 1.24 | 1.26 | 1.68 | 1.76 | 1.91 |
| Qatar | 0.83 | 0.97 | 2.75 | 2.84 | 2.55 | 3.23 | 4.82 | 4.95 | 6.69 |
| Saudi Arabia | 1.07 | 0.91 | 2.34 | 2.30 | 3.21 | 3.42 | 3.79 | 3.87 | 3.94 |
| Syrian Arab Republic | 0.40 | 0.33 | 0.54 | 0.77 | 0.79 | 0.74 | 0.65 | 0.68 | 0.72 |
| United Arab Emirates | 0.54 | 0.73 | 2.91 | 3.22 | 2.68 | 1.91 | 2.17 | 2.19 | 2.25 |
| Yemen | 0.11 | 0.14 | 0.14 | 0.20 | 0.22 | 0.26 | 0.31 | 0.31 | 0.32 |
| Middle East | 0.55 | 0.64 | 1.03 | 1.08 | 1.30 | 1.32 | 1.46 | 1.47 | 1.49 |
| Non-OECD Total | 0.20 | 0.23 | 0.29 | 0.28 | 0.25 | 0.26 | 0.29 | 0.30 | 0.30 |
| <i>European Union - 27</i> | .. | .. | .. | 1.27 | 1.29 | 1.28 | 1.28 | 1.27 | 1.22 |
| OECD North America | 2.93 | 3.23 | 2.99 | 2.54 | 2.44 | 2.54 | 2.62 | 2.55 | 2.52 |
| OECD Pacific | 1.54 | 1.84 | 1.70 | 1.79 | 2.06 | 2.02 | 1.88 | 1.83 | 1.82 |
| OECD Europe | 1.43 | 1.61 | 1.45 | 1.21 | 1.25 | 1.24 | 1.22 | 1.21 | 1.17 |
| OECD Total | 1.92 | 2.17 | 2.00 | 1.77 | 1.82 | 1.85 | 1.85 | 1.81 | 1.78 |
| World | 0.65 | 0.72 | 0.70 | 0.61 | 0.59 | 0.60 | 0.62 | 0.62 | 0.62 |

Electricity consumption/GDP (kWh per 2000 US dollars)**Consommation d'électricité/PIB (kWh par \$US 2000)***Elektrizitätsverbrauch/BIP (kWh pro 2000 US\$)**Consumo finale di energia elettrica/PIB (kWh per \$US 2000)**電力消費量/GDP (kWh/米ドル、2000年価格)**Consumo de electricidad/PIB (kWh por 2000 US\$)**Потребление электроэнергии / ВВП (КВт.ч на тыс.долл.США 2000 г.)*

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Algeria | 0.11 | 0.11 | 0.18 | 0.30 | 0.34 | 0.39 | 0.42 | 0.41 | 0.42 |
| Angola | 0.08 | 0.10 | 0.08 | 0.07 | 0.10 | 0.14 | 0.15 | 0.14 | 0.15 |
| Benin | 0.04 | 0.06 | 0.10 | 0.12 | 0.14 | 0.18 | 0.22 | 0.21 | 0.20 |
| Botswana | .. | .. | .. | 0.29 | 0.33 | 0.26 | 0.32 | 0.32 | 0.31 |
| Cameroon | 0.29 | 0.29 | 0.21 | 0.27 | 0.27 | 0.27 | 0.27 | 0.36 | 0.38 |
| Congo | 0.08 | 0.08 | 0.08 | 0.15 | 0.14 | 0.09 | 0.11 | 0.11 | 0.12 |
| DR of Congo | 0.47 | 0.47 | 0.57 | 0.59 | 0.86 | 1.05 | 1.02 | 1.04 | 1.04 |
| Côte d'Ivoire | 0.10 | 0.12 | 0.19 | 0.23 | 0.28 | 0.27 | 0.30 | 0.32 | 0.34 |
| Egypt | 0.34 | 0.34 | 0.43 | 0.58 | 0.60 | 0.67 | 0.80 | 0.81 | 0.82 |
| Eritrea | .. | .. | .. | .. | 0.24 | 0.27 | 0.34 | 0.33 | 0.34 |
| Ethiopia | 0.13 | 0.12 | 0.12 | 0.17 | 0.21 | 0.18 | 0.23 | 0.24 | 0.23 |
| Gabon | 0.06 | 0.07 | 0.15 | 0.20 | 0.17 | 0.21 | 0.24 | 0.25 | 0.26 |
| Ghana | 1.03 | 1.36 | 1.74 | 1.46 | 1.48 | 1.30 | 0.90 | 1.03 | 0.82 |
| Kenya | 0.23 | 0.22 | 0.24 | 0.28 | 0.31 | 0.27 | 0.33 | 0.34 | 0.33 |
| Libyan Arab Jamahiriya | 0.01 | 0.03 | 0.08 | 0.23 | 0.28 | 0.35 | 0.45 | 0.48 | 0.48 |
| Morocco | 0.16 | 0.19 | 0.24 | 0.30 | 0.38 | 0.38 | 0.41 | 0.41 | 0.42 |
| Mozambique | 0.17 | 0.18 | 0.18 | 0.22 | 0.24 | 0.52 | 1.44 | 1.39 | 1.38 |
| Namibia | .. | .. | .. | .. | 0.54 | 0.66 | 0.68 | 0.71 | 0.69 |
| Nigeria | 0.07 | 0.09 | 0.16 | 0.24 | 0.25 | 0.20 | 0.29 | 0.24 | 0.29 |
| Senegal | 0.14 | 0.16 | 0.21 | 0.23 | 0.25 | 0.21 | 0.30 | 0.30 | 0.24 |
| South Africa | 0.71 | 0.79 | 1.05 | 1.41 | 1.50 | 1.46 | 1.38 | 1.35 | 1.34 |
| Sudan | 0.09 | 0.13 | 0.13 | 0.18 | 0.15 | 0.18 | 0.18 | 0.18 | 0.18 |
| United Rep. of Tanzania | 0.12 | 0.13 | 0.14 | 0.19 | 0.23 | 0.22 | 0.22 | 0.21 | 0.24 |
| Togo | 0.22 | 0.18 | 0.18 | 0.32 | 0.40 | 0.35 | 0.42 | 0.41 | 0.39 |
| Tunisia | 0.17 | 0.19 | 0.30 | 0.43 | 0.47 | 0.49 | 0.50 | 0.48 | 0.47 |
| Zambia | 1.85 | 2.01 | 2.22 | 2.02 | 2.29 | 1.92 | 2.01 | 1.97 | 1.93 |
| Zimbabwe | 1.02 | 1.28 | 1.60 | 1.34 | 1.31 | 1.44 | 2.23 | 2.23 | 2.23 |
| Other Africa | 0.11 | 0.12 | 0.16 | 0.19 | 0.22 | 0.23 | 0.20 | 0.20 | 0.20 |
| Africa | 0.33 | 0.37 | 0.46 | 0.61 | 0.66 | 0.66 | 0.68 | 0.67 | 0.67 |
| Argentina | 0.13 | 0.14 | 0.16 | 0.23 | 0.23 | 0.27 | 0.30 | 0.29 | 0.28 |
| Bolivia | 0.19 | 0.18 | 0.25 | 0.31 | 0.38 | 0.42 | 0.43 | 0.44 | 0.46 |
| Brazil | 0.21 | 0.21 | 0.29 | 0.43 | 0.45 | 0.51 | 0.51 | 0.51 | 0.51 |
| Chile | 0.33 | 0.36 | 0.37 | 0.41 | 0.41 | 0.51 | 0.54 | 0.55 | 0.54 |
| Colombia | 0.28 | 0.27 | 0.33 | 0.39 | 0.37 | 0.36 | 0.34 | 0.34 | 0.33 |
| Costa Rica | 0.25 | 0.25 | 0.30 | 0.35 | 0.36 | 0.37 | 0.38 | 0.37 | 0.36 |
| Cuba | 0.29 | 0.31 | 0.42 | 0.40 | 0.44 | 0.45 | 0.37 | 0.35 | 0.34 |
| Dominican Republic | 0.22 | 0.32 | 0.29 | 0.25 | 0.29 | 0.32 | 0.52 | 0.49 | 0.48 |
| Ecuador | 0.15 | 0.15 | 0.26 | 0.37 | 0.42 | 0.51 | 0.45 | 0.46 | 0.48 |
| El Salvador | 0.09 | 0.10 | 0.15 | 0.22 | 0.26 | 0.31 | 0.30 | 0.32 | 0.36 |
| Guatemala | 0.09 | 0.10 | 0.14 | 0.15 | 0.19 | 0.20 | 0.30 | 0.29 | 0.30 |
| Haiti | 0.02 | 0.03 | 0.05 | 0.09 | 0.07 | 0.08 | 0.09 | 0.09 | 0.07 |
| Honduras | 0.14 | 0.15 | 0.19 | 0.35 | 0.33 | 0.45 | 0.48 | 0.47 | 0.49 |
| Jamaica | 0.28 | 0.31 | 0.28 | 0.32 | 0.65 | 0.75 | 0.75 | 0.73 | 0.82 |
| Netherlands Antilles | .. | .. | 0.69 | 0.65 | 0.73 | 0.81 | 0.83 | 0.83 | 0.83 |
| Nicaragua | 0.19 | 0.18 | 0.28 | 0.43 | 0.42 | 0.44 | 0.49 | 0.49 | 0.50 |
| Panama | 0.18 | 0.21 | 0.25 | 0.29 | 0.31 | 0.33 | 0.34 | 0.32 | 0.31 |
| Paraguay | 0.10 | 0.12 | 0.17 | 0.36 | 0.52 | 0.67 | 0.62 | 0.65 | 0.66 |
| Peru | 0.19 | 0.19 | 0.22 | 0.33 | 0.28 | 0.33 | 0.35 | 0.35 | 0.36 |
| Trinidad and Tobago | 0.22 | 0.23 | 0.27 | 0.55 | 0.61 | 0.62 | 0.56 | 0.49 | 0.53 |
| Uruguay | 0.18 | 0.17 | 0.19 | 0.25 | 0.27 | 0.32 | 0.31 | 0.29 | 0.29 |
| Venezuela | 0.18 | 0.20 | 0.35 | 0.51 | 0.52 | 0.55 | 0.58 | 0.57 | 0.53 |
| Other Latin America | 0.31 | 0.34 | 0.33 | 0.34 | 0.41 | 0.41 | 0.40 | 0.39 | 0.39 |
| Latin America | 0.19 | 0.20 | 0.26 | 0.38 | 0.39 | 0.44 | 0.45 | 0.44 | 0.44 |

Due to a lack of complete series for GDP data, regional aggregates do not include Netherlands Antilles from 1971 to 1979.

Electricity consumption/GDP (kWh per 2000 US dollars)
Consommation d'électricité/PIB (kWh par \$US 2000)

Elektrizitätsverbrauch/BIP (kWh pro 2000 US\$)

Consumo finale di energia elettrica/PIB (kWh per \$US 2000)

電力消費量/GDP (kWh/米ドル、2000年価格)

Consumo de electricidad/PIB (kWh por 2000 US\$)

Потребление электроэнергии / ВВП (КВт.ч на тыс.долл.США 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bangladesh | 0.04 | 0.07 | 0.07 | 0.17 | 0.25 | 0.28 | 0.34 | 0.34 | 0.33 |
| Brunei Darussalam | 0.11 | 0.09 | 0.07 | 0.30 | 0.47 | 0.58 | 0.65 | 0.62 | 0.64 |
| Cambodia | .. | .. | .. | .. | 0.05 | 0.10 | 0.13 | 0.16 | 0.19 |
| Chinese Taipei | 0.41 | 0.42 | 0.50 | 0.50 | 0.52 | 0.55 | 0.58 | 0.57 | 0.56 |
| India | 0.47 | 0.49 | 0.62 | 0.87 | 0.98 | 0.89 | 0.81 | 0.80 | 0.79 |
| Indonesia | 0.06 | 0.06 | 0.11 | 0.26 | 0.33 | 0.50 | 0.54 | 0.54 | 0.55 |
| DPR of Korea | 4.46 | 3.91 | 2.35 | 1.61 | 1.62 | 1.51 | 1.71 | 1.64 | 1.59 |
| Malaysia | 0.26 | 0.27 | 0.35 | 0.45 | 0.56 | 0.68 | 0.69 | 0.69 | 0.73 |
| Mongolia | .. | .. | .. | 3.07 | 2.67 | 2.37 | 2.18 | 2.07 | 2.00 |
| Myanmar | 0.21 | 0.25 | 0.29 | 0.41 | 0.42 | 0.39 | 0.24 | 0.26 | 0.25 |
| Nepal | 0.04 | 0.04 | 0.09 | 0.20 | 0.22 | 0.26 | 0.33 | 0.33 | 0.33 |
| Pakistan | 0.32 | 0.34 | 0.39 | 0.59 | 0.70 | 0.70 | 0.75 | 0.76 | 0.73 |
| Philippines | 0.31 | 0.39 | 0.37 | 0.42 | 0.44 | 0.51 | 0.53 | 0.50 | 0.49 |
| Singapore | 0.23 | 0.26 | 0.30 | 0.34 | 0.31 | 0.33 | 0.32 | 0.30 | 0.29 |
| Sri Lanka | 0.17 | 0.19 | 0.22 | 0.27 | 0.31 | 0.34 | 0.39 | 0.37 | 0.37 |
| Thailand | 0.23 | 0.28 | 0.37 | 0.51 | 0.62 | 0.74 | 0.80 | 0.80 | 0.80 |
| Vietnam | 0.22 | 0.25 | 0.34 | 0.43 | 0.51 | 0.73 | 1.06 | 1.13 | 1.18 |
| Other Asia | 0.21 | 0.31 | 0.49 | 0.36 | 0.32 | 0.35 | 0.37 | 0.35 | 0.35 |
| Asia | 0.36 | 0.39 | 0.45 | 0.57 | 0.62 | 0.65 | 0.66 | 0.66 | 0.66 |
| People's Rep. of China | 1.19 | 1.28 | 1.51 | 1.31 | 1.17 | 1.05 | 1.23 | 1.27 | 1.29 |
| Hong Kong, China | 0.20 | 0.18 | 0.18 | 0.21 | 0.20 | 0.21 | 0.19 | 0.18 | 0.17 |
| China | 1.00 | 1.04 | 1.18 | 1.08 | 1.02 | 0.94 | 1.13 | 1.16 | 1.19 |
| Albania | 0.68 | 0.66 | 1.08 | 0.53 | 0.73 | 1.01 | 0.79 | 0.61 | 0.70 |
| Bosnia and Herzegovina | .. | .. | .. | 9.38 | 2.43 | 1.51 | 1.40 | 1.32 | 1.25 |
| Bulgaria | 3.05 | 3.09 | 2.98 | 2.77 | 2.69 | 2.38 | 1.96 | 1.92 | 1.86 |
| Croatia | .. | .. | .. | 0.67 | 0.69 | 0.68 | 0.66 | 0.66 | 0.65 |
| Cyprus | 0.29 | 0.33 | 0.29 | 0.30 | 0.31 | 0.34 | 0.39 | 0.39 | 0.39 |
| Gibraltar | 0.12 | 0.11 | 0.12 | 0.13 | 0.17 | 0.17 | 0.17 | 0.18 | 0.18 |
| FYR of Macedonia | .. | .. | .. | 1.35 | 1.79 | 1.64 | 1.81 | 1.78 | 1.84 |
| Malta | 0.49 | 0.51 | 0.32 | 0.42 | 0.47 | 0.43 | 0.49 | 0.47 | 0.46 |
| Romania | 1.78 | 1.73 | 1.56 | 1.54 | 1.34 | 1.20 | 1.03 | 0.98 | 0.94 |
| Serbia | .. | .. | .. | 3.44 | 2.89 | 3.17 | 2.52 | 2.45 | 2.33 |
| Slovenia | .. | .. | .. | 0.64 | 0.66 | 0.58 | 0.58 | 0.57 | 0.54 |
| Former Yugoslavia | 0.78 | 0.87 | 0.96 | x | x | x | x | x | x |
| Non-OECD Europe | 1.28 | 1.35 | 1.35 | 1.54 | 1.36 | 1.23 | 1.08 | 1.04 | 1.01 |
| Armenia | .. | .. | .. | 3.42 | 2.27 | 2.08 | 1.33 | 1.26 | 1.19 |
| Azerbaijan | .. | .. | .. | 2.07 | 3.91 | 3.11 | 2.04 | 1.60 | 1.23 |
| Belarus | .. | .. | .. | 3.11 | 3.03 | 2.35 | 1.71 | 1.61 | 1.49 |
| Estonia | .. | .. | .. | 1.56 | 1.48 | 1.13 | 0.91 | 0.87 | 0.87 |
| Georgia | .. | .. | .. | 1.79 | 3.02 | 2.10 | 1.72 | 1.44 | 1.32 |
| Kazakhstan | .. | .. | .. | 3.66 | 3.95 | 2.58 | 2.06 | 1.98 | 1.91 |
| Kyrgyzstan | .. | .. | .. | 4.98 | 9.07 | 6.83 | 5.75 | 6.15 | 5.04 |
| Latvia | .. | .. | .. | 0.87 | 0.83 | 0.63 | 0.54 | 0.51 | 0.49 |
| Lithuania | .. | .. | .. | 0.92 | 0.99 | 0.77 | 0.64 | 0.61 | 0.59 |
| Republic of Moldova | .. | .. | .. | 3.31 | 4.44 | 2.84 | 3.05 | 3.06 | 2.47 |
| Russian Federation | .. | .. | .. | 2.56 | 3.16 | 2.93 | 2.37 | 2.32 | 2.21 |
| Tajikistan | .. | .. | .. | 7.85 | 16.14 | 15.61 | 10.84 | 10.28 | 9.43 |
| Turkmenistan | .. | .. | .. | 2.25 | 2.82 | 2.68 | 1.68 | 1.64 | 1.60 |
| Ukraine | .. | .. | .. | 3.45 | 4.99 | 4.37 | 3.38 | 3.28 | 3.14 |
| Uzbekistan | .. | .. | .. | 3.48 | 3.69 | 3.19 | 2.43 | 2.34 | 2.12 |
| Former Soviet Union | 1.81 | 1.80 | 1.89 | 2.69 | 3.33 | 2.92 | 2.31 | 2.24 | 2.11 |

Electricity consumption/GDP (kWh per 2000 US dollars)
Consommation d'électricité/PIB (kWh par \$US 2000)

Elektrizitätsverbrauch/BIP (kWh pro 2000 US\$)

Consumo finale di energia elettrica/PIB (kWh per \$US 2000)

電力消費量/GDP (kWh/米ドル、2000年価格)

Consumo de electricidad/PIB (kWh por 2000 US\$)

Потребление электроэнергии / ВВП (КВт.ч на тыс.долл.США 2000 г.)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Bahrain | 0.33 | 0.38 | 0.42 | 0.70 | 0.71 | 0.72 | 0.79 | 0.81 | 0.87 |
| Islamic Republic of Iran | 0.17 | 0.21 | 0.36 | 0.75 | 0.87 | 1.00 | 1.10 | 1.11 | 1.09 |
| Iraq | 0.05 | 0.06 | 0.11 | 0.69 | 2.21 | 1.13 | 1.50 | 1.57 | 1.55 |
| Israel | 0.22 | 0.22 | 0.24 | 0.27 | 0.29 | 0.32 | 0.33 | 0.33 | 0.33 |
| Jordan | 0.11 | 0.17 | 0.21 | 0.65 | 0.70 | 0.78 | 0.84 | 0.87 | 0.87 |
| Kuwait | 0.08 | 0.11 | 0.30 | 0.68 | 0.63 | 0.78 | 0.69 | 0.71 | 0.69 |
| Lebanon | 0.10 | 0.11 | 0.24 | 0.17 | 0.31 | 0.47 | 0.44 | 0.42 | 0.43 |
| Oman | 0.00 | 0.01 | 0.13 | 0.31 | 0.34 | 0.38 | 0.38 | 0.42 | 0.42 |
| Qatar | 0.03 | 0.04 | 0.20 | 0.52 | 0.54 | 0.48 | 0.51 | 0.50 | 0.45 |
| Saudi Arabia | 0.04 | 0.03 | 0.12 | 0.45 | 0.55 | 0.62 | 0.69 | 0.72 | 0.72 |
| Syrian Arab Republic | 0.29 | 0.28 | 0.34 | 0.73 | 0.69 | 0.90 | 1.12 | 1.14 | 1.11 |
| United Arab Emirates | 0.02 | 0.04 | 0.12 | 0.34 | 0.41 | 0.55 | 0.58 | 0.58 | 0.61 |
| Yemen | 0.16 | 0.13 | 0.15 | 0.27 | 0.26 | 0.26 | 0.32 | 0.33 | 0.36 |
| Middle East | 0.10 | 0.11 | 0.18 | 0.49 | 0.58 | 0.64 | 0.69 | 0.70 | 0.71 |
| Non-OECD Total | 0.62 | 0.64 | 0.71 | 0.91 | 0.84 | 0.81 | 0.86 | 0.87 | 0.87 |
| <i>European Union - 27</i> | .. | .. | .. | 0.36 | 0.35 | 0.33 | 0.33 | 0.33 | 0.32 |
| OECD North America | 0.41 | 0.43 | 0.44 | 0.43 | 0.44 | 0.41 | 0.39 | 0.38 | 0.37 |
| OECD Pacific | 0.20 | 0.21 | 0.22 | 0.23 | 0.25 | 0.27 | 0.28 | 0.27 | 0.27 |
| OECD Europe | 0.30 | 0.31 | 0.34 | 0.35 | 0.34 | 0.33 | 0.33 | 0.33 | 0.32 |
| OECD Total | 0.33 | 0.34 | 0.35 | 0.35 | 0.36 | 0.35 | 0.34 | 0.34 | 0.33 |
| World | 0.37 | 0.39 | 0.42 | 0.45 | 0.45 | 0.44 | 0.46 | 0.46 | 0.46 |

Electricity consumption/population (kWh per capita)
Consommation d'électricité/population (kWh par habitant)

Elektrizitätsverbrauch/Bevölkerung (kWh pro Kopf)

Consumo finale di energia elettrica/popolazione (KWh per abitante)

一人当たり電力消費量 (kWh/人)

Consumo de electricidad/población (kWh per capita)

Потребление электроэнергии / Численность населения (КВт.ч на человека)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|-------------------------|------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Algeria | 141 | 166 | 338 | 542 | 570 | 695 | 899 | 870 | 903 |
| Angola | 89 | 114 | 65 | 60 | 56 | 89 | 140 | 153 | 190 |
| Benin | 11 | 19 | 28 | 34 | 40 | 55 | 69 | 69 | 67 |
| Botswana | .. | .. | .. | 724 | 878 | 921 | 1 406 | 1 423 | 1 443 |
| Cameroon | 145 | 146 | 148 | 192 | 155 | 171 | 186 | 246 | 267 |
| Congo | 56 | 63 | 82 | 169 | 147 | 93 | 118 | 128 | 127 |
| DR of Congo | 157 | 161 | 142 | 119 | 100 | 89 | 91 | 94 | 97 |
| Côte d'Ivoire | 93 | 111 | 176 | 150 | 167 | 168 | 170 | 180 | 186 |
| Egypt | 201 | 194 | 379 | 690 | 766 | 1 011 | 1 308 | 1 382 | 1 468 |
| Eritrea | .. | .. | .. | .. | 46 | 47 | 53 | 49 | 51 |
| Ethiopia | 18 | 17 | 17 | 21 | 24 | 23 | 34 | 38 | 40 |
| Gabon | 207 | 286 | 771 | 951 | 793 | 915 | 1 026 | 1 086 | 1 140 |
| Ghana | 298 | 373 | 404 | 307 | 332 | 321 | 254 | 304 | 253 |
| Kenya | 78 | 85 | 105 | 125 | 131 | 110 | 141 | 149 | 152 |
| Libyan Arab Jamahiriya | 191 | 398 | 1 177 | 1 603 | 1 813 | 2 227 | 3 327 | 3 688 | 3 880 |
| Morocco | 133 | 160 | 244 | 369 | 440 | 489 | 638 | 685 | 715 |
| Mozambique | 49 | 55 | 36 | 40 | 45 | 122 | 450 | 461 | 483 |
| Namibia | .. | .. | .. | .. | 937 | 1 190 | 1 458 | 1 545 | 1 552 |
| Nigeria | 30 | 37 | 70 | 88 | 91 | 73 | 127 | 110 | 137 |
| Senegal | 71 | 77 | 98 | 99 | 105 | 97 | 151 | 150 | 122 |
| South Africa | 2 246 | 2 531 | 3 644 | 4 431 | 4 434 | 4 417 | 4 735 | 4 831 | 5 013 |
| Sudan | 25 | 31 | 36 | 49 | 46 | 65 | 82 | 89 | 94 |
| United Rep. of Tanzania | 30 | 34 | 37 | 51 | 57 | 58 | 70 | 70 | 83 |
| Togo | 63 | 55 | 61 | 87 | 94 | 87 | 98 | 98 | 92 |
| Tunisia | 154 | 192 | 402 | 638 | 775 | 991 | 1 205 | 1 220 | 1 246 |
| Zambia | 1 000 | 1 096 | 1 021 | 754 | 698 | 595 | 716 | 730 | 744 |
| Zimbabwe | 661 | 861 | 960 | 861 | 796 | 843 | 953 | 900 | 834 |
| Other Africa | 37 | 43 | 55 | 60 | 65 | 75 | 74 | 74 | 75 |
| Africa | 234 | 264 | 368 | 450 | 456 | 480 | 548 | 559 | 578 |
| Argentina | 871 | 957 | 1 235 | 1 305 | 1 649 | 2 087 | 2 418 | 2 560 | 2 658 |
| Bolivia | 176 | 184 | 264 | 274 | 358 | 421 | 460 | 485 | 515 |
| Brazil | 456 | 550 | 1 009 | 1 456 | 1 638 | 1 894 | 2 009 | 2 060 | 2 154 |
| Chile | 777 | 771 | 923 | 1 247 | 1 744 | 2 488 | 3 074 | 3 207 | 3 326 |
| Colombia | 394 | 411 | 605 | 827 | 876 | 806 | 864 | 913 | 940 |
| Costa Rica | 615 | 689 | 948 | 1 087 | 1 302 | 1 517 | 1 719 | 1 801 | 1 861 |
| Cuba | 510 | 560 | 929 | 1 212 | 916 | 1 136 | 1 152 | 1 231 | 1 303 |
| Dominican Republic | 226 | 391 | 432 | 383 | 490 | 716 | 1 277 | 1 309 | 1 387 |
| Ecuador | 147 | 166 | 361 | 479 | 555 | 654 | 714 | 759 | 788 |
| El Salvador | 174 | 205 | 279 | 368 | 515 | 653 | 666 | 721 | 836 |
| Guatemala | 120 | 145 | 242 | 223 | 296 | 343 | 522 | 529 | 558 |
| Haiti | 12 | 20 | 41 | 58 | 30 | 35 | 37 | 37 | 31 |
| Honduras | 128 | 146 | 213 | 373 | 363 | 518 | 624 | 642 | 700 |
| Jamaica | 819 | 1 007 | 670 | 879 | 2 096 | 2 321 | 2 474 | 2 450 | 2 541 |
| Netherlands Antilles | 3 745 | 4 012 | 4 149 | 3 550 | 4 628 | 5 392 | 5 634 | 5 651 | 5 691 |
| Nicaragua | 244 | 237 | 278 | 295 | 278 | 337 | 414 | 426 | 445 |
| Panama | 530 | 637 | 785 | 854 | 1 091 | 1 301 | 1 499 | 1 506 | 1 594 |
| Paraguay | 86 | 110 | 247 | 505 | 780 | 880 | 849 | 900 | 959 |
| Peru | 398 | 420 | 504 | 548 | 551 | 687 | 848 | 899 | 982 |
| Trinidad and Tobago | 1 010 | 1 109 | 1 881 | 2 678 | 3 065 | 3 889 | 5 037 | 5 008 | 5 622 |
| Uruguay | 721 | 697 | 990 | 1 246 | 1 581 | 1 990 | 2 007 | 2 042 | 2 200 |
| Venezuela | 1 113 | 1 218 | 2 032 | 2 463 | 2 638 | 2 655 | 2 924 | 3 100 | 3 078 |
| Other Latin America | 1 205 | 1 383 | 1 642 | 2 209 | 2 704 | 3 028 | 3 112 | 3 155 | 3 235 |
| Latin America | 507 | 574 | 897 | 1 178 | 1 339 | 1 546 | 1 702 | 1 766 | 1 838 |

Electricity consumption/population (kWh per capita)
Consommation d'électricité/population (kWh par habitant)

Elektrizitätsverbrauch/Bevölkerung (kWh pro Kopf)

Consumo finale di energia elettrica/popolazione (KWh per abitante)

一人当たり電力消費量 (kWh/人)

Consumo de electricidad/población (kWh per capita)

Потребление электроэнергии / Численность населения (КВт.ч на человека)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Bangladesh | 10 | 14 | 17 | 45 | 71 | 96 | 135 | 145 | 144 |
| Brunei Darussalam | 1 750 | 1 588 | 1 699 | 4 354 | 6 431 | 7 550 | 8 420 | 8 173 | 8 303 |
| Cambodia | .. | .. | .. | .. | 10 | 29 | 55 | 74 | 93 |
| Chinese Taipei | 973 | 1 218 | 2 231 | 4 174 | 5 924 | 7 945 | 9 618 | 9 917 | 10 216 |
| India | 99 | 102 | 142 | 276 | 365 | 402 | 476 | 511 | 543 |
| Indonesia | 16 | 17 | 44 | 161 | 270 | 400 | 509 | 530 | 564 |
| DPR of Korea | 919 | 975 | 1 114 | 1 247 | 912 | 712 | 817 | 797 | 762 |
| Malaysia | 311 | 372 | 670 | 1 178 | 2 016 | 2 743 | 3 174 | 3 304 | 3 668 |
| Mongolia | .. | .. | .. | 1 603 | 1 119 | 1 076 | 1 272 | 1 297 | 1 369 |
| Myanmar | 20 | 23 | 35 | 45 | 58 | 77 | 82 | 93 | 95 |
| Nepal | 6 | 6 | 12 | 35 | 44 | 58 | 79 | 80 | 81 |
| Pakistan | 89 | 96 | 128 | 277 | 359 | 374 | 455 | 480 | 475 |
| Philippines | 231 | 316 | 368 | 383 | 406 | 511 | 588 | 578 | 592 |
| Singapore | 1 155 | 1 599 | 2 718 | 4 983 | 6 068 | 7 575 | 8 507 | 8 521 | 8 513 |
| Sri Lanka | 58 | 67 | 97 | 154 | 217 | 286 | 398 | 399 | 418 |
| Thailand | 119 | 161 | 294 | 739 | 1 289 | 1 503 | 1 988 | 2 080 | 2 157 |
| Vietnam | 41 | 40 | 55 | 98 | 157 | 295 | 573 | 649 | 728 |
| Other Asia | 75 | 112 | 204 | 179 | 205 | 215 | 259 | 261 | 288 |
| Asia | 110 | 124 | 181 | 330 | 444 | 528 | 639 | 672 | 705 |
| People's Rep. of China | 151 | 174 | 282 | 511 | 770 | 993 | 1 782 | 2 040 | 2 328 |
| Hong Kong, China | 1 298 | 1 416 | 2 157 | 4 178 | 4 850 | 5 447 | 5 879 | 5 883 | 5 899 |
| China | 157 | 180 | 291 | 529 | 791 | 1 017 | 1 803 | 2 060 | 2 346 |
| Albania | 532 | 594 | 1 143 | 522 | 653 | 1 213 | 1 204 | 961 | 1 168 |
| Bosnia and Herzegovina | .. | .. | .. | 3 044 | 1 102 | 2 062 | 2 387 | 2 385 | 2 385 |
| Bulgaria | 2 293 | 2 683 | 3 973 | 4 759 | 4 214 | 3 724 | 4 122 | 4 315 | 4 466 |
| Croatia | .. | .. | .. | 2 991 | 2 290 | 2 792 | 3 475 | 3 635 | 3 736 |
| Cyprus | 992 | 1 219 | 1 891 | 3 212 | 3 659 | 4 585 | 5 558 | 5 732 | 5 903 |
| Gibraltar | 1 607 | 1 621 | 1 793 | 2 552 | 4 000 | 4 464 | 5 179 | 5 393 | 5 536 |
| FYR of Macedonia | .. | .. | .. | 2 789 | 2 826 | 2 933 | 3 418 | 3 498 | 3 785 |
| Malta | 941 | 1 134 | 1 448 | 2 778 | 3 915 | 4 313 | 4 911 | 4 889 | 4 846 |
| Romania | 1 631 | 1 908 | 2 877 | 2 924 | 2 329 | 1 988 | 2 331 | 2 402 | 2 452 |
| Serbia | .. | .. | .. | 3 536 | 2 660 | 3 855 | 3 922 | 4 040 | 4 153 |
| Slovenia | .. | .. | .. | 5 335 | 5 313 | 5 778 | 6 916 | 7 123 | 7 138 |
| Former Yugoslavia | 1 305 | 1 535 | 2 480 | x | x | x | x | x | x |
| Non-OECD Europe | 1 557 | 1 821 | 2 796 | 3 257 | 2 644 | 2 769 | 3 125 | 3 209 | 3 302 |
| Armenia | .. | .. | .. | 2 717 | 1 047 | 1 292 | 1 503 | 1 612 | 1 733 |
| Azerbaijan | .. | .. | .. | 2 584 | 1 909 | 2 040 | 2 407 | 2 514 | 2 397 |
| Belarus | .. | .. | .. | 4 381 | 2 790 | 2 989 | 3 208 | 3 322 | 3 345 |
| Estonia | .. | .. | .. | 5 891 | 4 310 | 4 628 | 5 568 | 5 881 | 6 271 |
| Georgia | .. | .. | .. | 2 673 | 1 381 | 1 360 | 1 672 | 1 549 | 1 606 |
| Kazakhstan | .. | .. | .. | 5 905 | 4 041 | 3 169 | 4 072 | 4 293 | 4 449 |
| Kyrgyzstan | .. | .. | .. | 2 314 | 2 061 | 1 904 | 1 842 | 2 015 | 1 769 |
| Latvia | .. | .. | .. | 3 387 | 1 973 | 2 078 | 2 702 | 2 876 | 3 064 |
| Lithuania | .. | .. | .. | 4 023 | 2 536 | 2 516 | 3 104 | 3 233 | 3 414 |
| Republic of Moldova | .. | .. | .. | 2 725 | 1 470 | 882 | 1 427 | 1 516 | 1 276 |
| Russian Federation | .. | .. | .. | 6 673 | 5 110 | 5 209 | 5 785 | 6 122 | 6 338 |
| Tajikistan | .. | .. | .. | 3 346 | 2 402 | 2 177 | 2 228 | 2 229 | 2 172 |
| Turkmenistan | .. | .. | .. | 2 293 | 1 568 | 1 698 | 2 021 | 2 123 | 2 285 |
| Ukraine | .. | .. | .. | 4 787 | 3 349 | 2 778 | 3 246 | 3 400 | 3 539 |
| Uzbekistan | .. | .. | .. | 2 383 | 1 844 | 1 780 | 1 659 | 1 694 | 1 658 |
| Former Soviet Union | 2 983 | 3 333 | 4 392 | 5 369 | 3 938 | 3 824 | 4 262 | 4 482 | 4 608 |

Electricity consumption/population (kWh per capita)
Consommation d'électricité/population (kWh par habitant)

Elektrizitätsverbrauch/Bevölkerung (kWh pro Kopf)

Consumo finale di energia elettrica/popolazione (KWh per abitante)

一人当たり電力消費量 (kWh/人)

Consumo de electricidad/población (kWh per capita)

Потребление электроэнергии / Численность населения (КВт.ч на человека)

| | 1971 | 1973 | 1980 | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Bahrain | 1 886 | 2 016 | 4 784 | 6 572 | 7 872 | 8 831 | 11 663 | 12 604 | 14 276 |
| Islamic Republic of Iran | 273 | 380 | 532 | 975 | 1 231 | 1 586 | 2 117 | 2 236 | 2 325 |
| Iraq | 273 | 321 | 817 | 1 257 | 1 426 | 1 286 | 1 141 | 1 161 | 1 176 |
| Israel | 2 289 | 2 498 | 3 022 | 4 176 | 5 128 | 6 323 | 6 574 | 6 715 | 7 010 |
| Jordan | 151 | 200 | 399 | 1 050 | 1 213 | 1 377 | 1 763 | 1 904 | 1 956 |
| Kuwait | 3 031 | 3 757 | 6 037 | 8 108 | 11 939 | 13 378 | 15 348 | 16 314 | 16 198 |
| Lebanon | 494 | 611 | 911 | 471 | 1 341 | 2 081 | 2 242 | 2 142 | 2 188 |
| Oman | 14 | 49 | 607 | 2 150 | 2 599 | 3 141 | 3 757 | 4 457 | 4 702 |
| Qatar | 2 582 | 2 857 | 9 489 | 9 782 | 10 483 | 13 778 | 16 805 | 17 188 | 17 573 |
| Saudi Arabia | 330 | 424 | 1 989 | 3 982 | 4 965 | 5 666 | 6 813 | 7 080 | 7 236 |
| Syrian Arab Republic | 176 | 182 | 355 | 674 | 817 | 1 058 | 1 411 | 1 466 | 1 483 |
| United Arab Emirates | 750 | 1 901 | 5 623 | 8 766 | 9 419 | 11 886 | 13 709 | 14 569 | 16 161 |
| Yemen | 32 | 30 | 60 | 119 | 123 | 136 | 175 | 185 | 201 |
| Middle East | 384 | 480 | 956 | 1 672 | 2 058 | 2 480 | 2 992 | 3 136 | 3 252 |
| Non-OECD Total | 450 | 500 | 684 | 902 | 915 | 1 014 | 1 305 | 1 401 | 1 501 |
| <i>European Union - 27</i> | .. | .. | .. | 5 184 | 5 335 | 5 862 | 6 305 | 6 389 | 6 388 |
| OECD North America | 6 401 | 7 229 | 8 225 | 9 688 | 10 311 | 11 075 | 11 125 | 11 010 | 11 090 |
| OECD Pacific | 2 815 | 3 317 | 4 005 | 5 757 | 6 714 | 7 699 | 8 444 | 8 541 | 8 795 |
| OECD Europe | 2 933 | 3 332 | 4 074 | 5 022 | 5 225 | 5 753 | 6 144 | 6 221 | 6 239 |
| OECD Total | 4 012 | 4 572 | 5 430 | 6 760 | 7 294 | 8 030 | 8 380 | 8 393 | 8 477 |
| World | 1 285 | 1 439 | 1 716 | 2 064 | 2 139 | 2 320 | 2 586 | 2 661 | 2 752 |

MULTILINGUAL GLOSSARIES

English**Français****Deutsch**

| | | |
|----------------------------------|--|-------------------------------------|
| coal and peat | charbon et tourbe | Kohle und Torf |
| crude oil and NGL | pétrole brut et LGN | Rohöl und Kondensate |
| petroleum products | produits pétroliers | Ölprodukte |
| natural gas | gaz naturel | Erdgas |
| nuclear energy | énergie nucléaire | Kernenergie |
| hydro energy | énergie hydraulique | Wasserkraft |
| geothermal energy | énergie géothermique | Geothermischer Energie |
| solar energy | énergie d'origine solaire | Sonnenenergie |
| wind energy | énergie d'origine éolienne | Windenergie |
| tide energy | énergie des marées | Gezeitenenergie |
| combustible renewables and waste | énergies renouvelables combustibles et déchets | Erneuerbare Brennstoffe und Abfälle |
| electricity | électricité | Elektrizität |
| heat | chaleur | Wärme |
| total energy | énergie totale | Total Energie |

Français

Deutsch

| | | |
|---|---|---|
| 1 | Production | Produktion |
| 2 | Importations | Importe |
| 3 | Exportations | Exporte |
| 4 | Soutes maritimes internationales | Bunkerbestände der internationalen Seeschifffahrt |
| 5 | Soutes aériennes internationales | Bunkerbestände der internationalen Luftfahrt |
| 6 | Variation des stocks | Bestandsveränderungen |
| 7 | APPROV. TOTAUX EN ENERGIE PRIMAIRE | GESAMTENERGIEAUFKOMMEN |
| 8 | Transferts | Transfer |
| 9 | Ecartés statistiques | Statistische Differenzen |
| 10 | Centrales électriques | Elektrizitätswerke |
| 11 | Centrales de cogénération | Elektrizitäts- und Heizkraftwerke |
| 12 | Centrales calogènes | Heizkraftwerke |
| 13 | Usines à gaz | Ortsgas |
| 14 | Raffineries de pétrole | Raffinerien |
| 15 | Transformation du charbon | Kohleumwandlung |
| 16 | Unités de liquéfaction | Verflüssigung |
| 17 | Autres transformations | Sonst. Umwandlungsbereich |
| 18 | Consommation propre | Eigenverbrauch |
| 19 | Pertes de distribution et de transport | Verteilungsverluste |
| 20 | CONSOMMATION FINALE TOTALE | ENDENERGIEVERBRAUCH |
| 21 | SECTEUR INDUSTRIE | INDUSTRIE |
| 22 | Sidérurgie | Eisen- und Stahlindustrie |
| 23 | Industrie chimique et pétrochimique | Chemische Industrie |
| 24 | Métaux non ferreux | Ne-Metallerzeugung |
| 25 | Produits minéraux non métalliques | Glas- und Keramikindustrie |
| 26 | Matériel de transport | Fahrzeugbau |
| 27 | Construction mécanique | Maschinenbau |
| 28 | Industries extractives | Bergbau- und Steinbrüche |
| 29 | Produits alimentaires, boissons et tabacs | Nahrungs- und Genussmittel |
| 30 | Pâtes à papier, papier et imprimerie | Zellstoff, Papier, Pappeerzeugung |
| 31 | Bois et produits dérivés | Holz und Holzprodukte |
| 32 | Construction | Baugewerbe |
| 33 | Textiles et cuir | Textil- und Lederindustrie |
| 34 | Non spécifiés | Sonstige |
| 35 | SECTEUR TRANSPORTS | VERKEHRSEKTOR |
| 36 | Aviation intérieure | Inland Luftverkehr |
| 37 | Transport routier | Straßenverkehr |
| 38 | Transport ferroviaire | Schieneverkehr |
| 39 | Transport par conduits | Rohrleitungen |
| 40 | Navigation intérieure | Binnenschifffahrt |
| 41 | Non spécifiés | Sonstige |
| 42 | AUTRES SECTEURS | ANDERE SEKTOREN |
| 43 | Résidentiel | Wohnungssektor |
| 44 | Commerce et services publics | Handel- und öffentliche Einrichtungen |
| 45 | Agriculture / sylviculture | Landwirtschaft / Forstwirtschaft |
| 46 | Pêche | Fischfang |
| 47 | Non spécifiés | Sonstige |
| 48 | UTILISATIONS NON ENERGETIQUES | NICHTENERGETISCHER VERBRAUCH |
| 49 | dans l'industrie/transformation/énergie | im Industrie-/Umwandlung-/Energiesektor |
| 50 | dont : produits d'alimentation | davon: Feedstocks |
| 51 | dans les transports | im Verkehr |
| 52 | dans les autres secteurs | im anderen Sektoren |
| Production d'Electricité et de Chaleur | | Strom und Wärmeerzeugung |
| 53 | Electricité produite - GWh | Elektrizitätsproduktion - GWh |
| 54 | Centrales électriques | Elektrizitätswerke |
| 55 | Centrales de cogénération | Elektrizitäts- und Heizkraftwerke |
| 56 | Chaleur produite - TJ | Wärmeerzeugung - TJ |
| 57 | Centrales de cogénération | Elektrizitäts- und Heizkraftwerke |
| 58 | Centrales calogènes | Heizkraftwerke |

English

coal and peat
crude oil and NGL
petroleum products
natural gas
nuclear energy
hydro energy
geothermal energy
solar energy
wind energy
tide energy
combustible renewables and
waste
electricity
heat
total energy

Italiano

carbone e torba
petrolio greggio e LGN
prodotti petroliferi
gas naturale
energia nucleare
energia idroelettrica
energia geotermica
energia solare
energia eolica
energia maremotrice
combustibili rinnovabili e
rifiuti
energia elettrica
calore
energia totale

Japanese

石炭 及び 泥炭
原油 及び NGL
石油製品
天然ガス
原子力
水力
地熱
太陽光
風力
潮力
可熱性再生可能エネルギー
及び廃棄物
電力
熱
総エネルギー

Italiano

Japanese

| | | |
|--|---|-------------------|
| 1 | Produzione | 国内生産 |
| 2 | Importazioni | 輸入 |
| 3 | Esportazioni | 輸出 |
| 4 | Bunkeraggi marittimi internazionali | 国際海運バンカー |
| 5 | Bunkeraggi aerei internazionali | 国際航空バンカー |
| 6 | Variazioni di stock | 在庫変動 |
| 7 | TOTALE RISORSE PRIMARIE | 国内供給計 |
| 8 | Ritorni e trasferimenti | 変換 |
| 9 | Differenza statistica | 統計誤差 |
| 10 | Centrali elettriche | 電気事業者・自家発 |
| 11 | Impianti di cogenerazione | コージェネレーション |
| 12 | Impianti di produzione di calore | 熱供給事業者 |
| 13 | Officine del gas | ガス業 |
| 14 | Raffinerie di petrolio | 石油精製 |
| 15 | Trasformazione del carbone | 石炭変換 |
| 16 | Liquefazione | 液化 |
| 17 | Altri settori di trasformazione | その他転換 |
| 18 | Autoconsumo | 自家消費 |
| 19 | Perdite di distribuzione | 送配電ロス |
| 20 | CONSUMI FINALI | 最終エネルギー消費計 |
| 21 | SETTORE INDUSTRIALE | 産業部門 |
| 22 | Siderurgico | 鉄鋼業 |
| 23 | Chimico | 化学工業 |
| 24 | Metalli non ferrosi | 非鉄金属 |
| 25 | Minerali non metalllici | 窯業土石 |
| 26 | Equipaggiamento per trasporti | 輸送用機械 |
| 27 | Meccanico | 金属機械 |
| 28 | Estrattivo | 鉱業 |
| 29 | Alimentare e del tabacco | 食料品・たばこ |
| 30 | Cartario e grafico | 紙・パルプ |
| 31 | Legno e prodotti del legno | 木製品 |
| 32 | Costruzioni | 建設業 |
| 33 | Tessile e pelli | 繊維工業 |
| 34 | Non specificato | その他製造業 |
| 35 | SETTORE DEI TRASPORTI | 運輸部門 |
| 36 | Aviazione nazionale | 国内航空輸送 |
| 37 | Trasporti stradali | 道路運送業 |
| 38 | Trasporti ferroviari | 鉄道業 |
| 39 | Trasporti per condotti | パイプライン輸送 |
| 40 | Trasporti fluviali interni | 国内水運 |
| 41 | Non specificato | その他 |
| 42 | ALTRI SETTORI | 他の部門 |
| 43 | Domestico | 民生・家庭用 |
| 44 | Commercio e servizi pubblici | 民生・業務用 |
| 45 | Agricoltura / selvicoltura | 農林業 |
| 46 | Pesca | 漁業 |
| 47 | Non specificato | その他 |
| 48 | USI NON ENERGETICI | 非エネルギー |
| 49 | dell'industria | 産業・変換・エネルギー部門 |
| 50 | <i>di cui: prodotti intermedi</i> | (含原料油・半製品) |
| 51 | dei trasporti | 運輸部門 |
| 52 | degli altri settori | 他の部門 |
| Produzione di elettricità e di calore | | 電力及び熱供給量 |
| 53 | Elettricità prodotta - GWh | 発電実績 - GWh |
| 54 | <i>Centrali elettriche</i> | 電気事業者・自家発 |
| 55 | <i>Impianti di cogenerazione</i> | コージェネレーション |
| 56 | Calore prodotto - TJ | 発熱実績 - TJ |
| 57 | <i>Impianti di cogenerazione</i> | コージェネレーション |
| 58 | <i>Impianti di produzione di calore</i> | 熱供給事業者 |

English

coal and peat
 crude oil and NGL
 petroleum products
 natural gas
 nuclear energy
 hydro energy
 geothermal energy
 solar energy
 wind energy
 tide energy
 combustible renewables and waste
 electricity
 heat
 total energy

Español

carbón y turba
 petróleo crudo y LGN
 productos petrolíferos
 gas natural
 energía nuclear
 energía hidráulica
 energía geotérmica
 energía solar
 energía eólica
 energía maremotriz
 combustibles renovables y desechos
 electricidad
 calor
 energía total

Русский

уголь и торф
 сырая нефть/ газ. конденсаты
 нефтепродукты
 природный газ
 атомная энергия
 гидроэнергия
 геотермальная энергия
 солнечная энергия
 энергия ветра
 энергия приливов
 горючие возобнов. вид. топ./ отход.
 электричество
 тепло
 всего источников энергии

Español

Русский

| | | |
|--|---|---|
| 1 | Producción | Собственное производство |
| 2 | Importaciones | Импорт |
| 3 | Exportaciones | Экспорт |
| 4 | Búncers marítimos internacional | Международный бункер водных перевозок |
| 5 | Búncers aéreos internacional | международный бункер авиационных перевозок |
| 6 | Cambio de stocks | Изменение остатков |
| 7 | SUMINISTRO AL CONSUMO | ОБЩАЯ ПЕРВИЧНАЯ ПОСТАВКА ТОПЛИВА И ЭНЕРГИИ |
| 8 | Transferencias | Передачи |
| 9 | Diferencias estadísticas | Статистическое расхождение |
| 10 | Central eléctrica | Электростанции |
| 11 | Central combinada de calor y electricidad | Тепло-электроцентрали |
| 12 | Central de calor | Теплоцентрали |
| 13 | Gas ciudad | Газовые заводы |
| 14 | Refinerías de petróleo | Нефтепереработка |
| 15 | Transformación de carbón | Переработка угля |
| 16 | Licuefacción | Ожигение |
| 17 | Otros sect. de transformación | Др. отрасли преобразования и переработки топлива |
| 18 | Consumos propios | Собственное использование в ТЭК |
| 19 | Pérdidas de distribución | Потери при распределении |
| 20 | CONSUMO FINAL | КОНЕЧНОЕ ПОТРЕБЛЕНИЕ |
| 21 | SECTOR INDUSTRIA | СЕКТОР ПРОМЫШЛЕННОСТИ |
| 22 | Siderurgia | Черная металлургия |
| 23 | Químico | Химия и нефтехимия |
| 24 | Metales no féreos | Цветная металлургия |
| 25 | Minerales no metálicos | Неметалл. минералы |
| 26 | Equipos de transporte | Транспортное оборудование |
| 27 | Maquinaria | Машиностроение |
| 28 | Extracción y minas | Горнодобывающая промышленность |
| 29 | Alimentación y tabaco | Пищевая и табачная промышленность |
| 30 | Papel, pasta e impresión | Бум.-целл. и полиграф. пр-сть |
| 31 | Madera | Пр-во древесины и деревообработка |
| 32 | Construcción | Строительство |
| 33 | Textil y piel | Текст.-кожевенная пр-сть |
| 34 | No especificado | Др. отрасли промышленности |
| 35 | SECTOR TRANSPORTE | СЕКТОР ТРАНСПОРТА |
| 36 | Transporte aéreo interno | Внутренний воздушный транспорт |
| 37 | Transporte por carretera | Автомобильный транспорт |
| 38 | Ferrocarril | Железнодорожный транспорт |
| 39 | Oleoducto | Транспортировка по трубопроводам |
| 40 | Navegación interna | Внутренний водный транспорт |
| 41 | No especificado | Неспецифицированный транспорт |
| 42 | OTROS SECTORES | ДРУГИЕ СЕКТОРЫ |
| 43 | Residencial | Бытовой сектор |
| 44 | Comercio y serv. públicos | Торговля и услуги |
| 45 | Agricultura / selvicultura | Сельское хозяйство / Лесное хозяйство |
| 46 | Pesca | Рыболовство |
| 47 | No especificado | Неспецифицированные другие секторы |
| 48 | USOS NO ENERGETICOS | НЕЭНЕРГЕТИЧЕСКОЕ ИСПОЛЬЗОВАНИЕ |
| 49 | en la industria/tranf./energia | в промышленности/преобраз.-переработке/топл.-энергетике |
| 50 | incl.: prod. de aliment. | в т.ч. П/фабрикаты нефтепереработки |
| 51 | en el transporte | в транспорте |
| 52 | en otros sectores | в других секторах |
| Producción de electricidad y de calor | | Производство электроэнергии и тепла |
| 53 | Electr. producida - GWh | Произведено электроэнергии - Гвт.ч |
| 54 | Central eléctrica | Электростанции |
| 55 | Central combinada de calor y electricidad | Тепло-электроцентрали |
| 56 | Calor producido - TJ | Произведено тепла - ТДж |
| 57 | Central combinada de calor y electricidad | Тепло-электроцентрали |
| 58 | Central de calor | Теплоцентрали |

English

coal and peat
crude oil and NGL
petroleum products
natural gas
nuclear energy
hydro energy
geothermal energy
solar energy
wind energy
tide energy
combustible renewables and waste
electricity
heat
total energy

Chinese

煤和泥炭
原油和液态天然气
石油产品
天然气
核能
水能
地热能
太阳能
风能
潮汐能
可燃烧生物质能和垃圾
电力
热能
能源合计

Chinese

| | |
|---------------|------------------------------|
| 1 | 本国产量 |
| 2 | 进口 |
| 3 | 出口 |
| 4 | 国际海运加油 |
| 5 | 国际航空 |
| 6 | 库存变化 |
| 7 | 一次能源供应量 (TPES) |
| 8 | 转换 |
| 9 | 统计差额 |
| 10 | 发电厂 |
| 11 | 热电联产厂 |
| 12 | 热力厂 |
| 13 | 制气厂 |
| 14 | 炼油厂 |
| 15 | 煤煤转化 |
| 16 | 液化 |
| 17 | 其它转化 |
| 18 | 自用 |
| 19 | 分配损耗 |
| 20 | 最终消费合计 (TFC) |
| 21 | 工业部门 |
| 22 | 钢铁 |
| 23 | 化学和石化 |
| 24 | 有色金属 |
| 25 | 非金属矿物 |
| 26 | 交通设备 |
| 27 | 机械工业 |
| 28 | 采矿和挖掘 |
| 29 | 食品和烟草 |
| 30 | 纸、纸浆和印刷 |
| 31 | 木材和木材制品 |
| 32 | 建筑业 |
| 33 | 纺织和皮革 |
| 34 | 其它 |
| 35 | 交通运输部门 |
| 36 | 国内航空 |
| 37 | 公路运输 |
| 38 | 铁路运输 |
| 39 | 管道运输 |
| 40 | 国内海运 |
| 41 | 其它 |
| 42 | 其它部门 |
| 43 | 居民消费 |
| 44 | 商业和公共事业 |
| 45 | 农业林业 |
| 46 | 捕鱼业 |
| 47 | 其它 |
| 48 | 非能源使用 |
| 49 | 工业 / 转化 / 能源 |
| 50 | 其中: 用做原料 |
| 51 | 交通 |
| 52 | 其它部门 |
| 电力和热输出 | |
| 53 | 发电 (千兆瓦时) |
| 54 | 发电厂 |
| 55 | 热电联产厂 |
| 56 | 供热 (10¹²焦) |
| 57 | 热电联产厂 |
| 58 | 热力厂 |

Energy Data Manager / Statistician

Possible Staff Vacancies

International Energy Agency, Paris, France

The IEA

The International Energy Agency, based in Paris, acts as energy policy advisor to 28 member countries in their effort to ensure reliable, affordable and clean energy for their citizens. Founded during the oil crisis of 1973-74, the IEA's initial role was to co-ordinate measures in times of oil supply emergencies. As energy markets have changed, so has the IEA. Its mandate has broadened to incorporate the "Three E's" of balanced energy policy making: energy security, economic development and environmental protection. Current work focuses on climate change policies, market reform, energy technology collaboration and outreach to the rest of the world, especially major consumers and producers of energy like China, India, the Russian Federation and the OPEC countries.

The Energy Statistics Division, with a staff of around 30 people, provides a dynamic environment for young people just finishing their studies or with one to two years of work experience.

Job description

The data managers/statisticians compile, verify and disseminate information on all aspects of energy including production, transformation and consumption of all fuels, renewables, the emergency reporting system, energy efficiency indicators, CO₂ emissions, and energy prices and taxes. The data managers are responsible for receiving, reviewing and inputting data submissions from Member countries and other sources into large computerised databases. They check for completeness, correct calculations, internal consistency, accuracy and consistency with definitions. Often this entails proactively investigating and helping to resolve anomalies in collaboration with national administrations of Member and non-Member countries. The data managers/statisticians also play a key role in helping to design and implement computer macros used in the preparation of their energy statistics publication(s).

Principal Qualifications

- University degree in a topic relevant to energy, computer programming or statistics. We currently have staff with degrees in Mathematics, Statistics, Information Technology, Economics, Engineering, Physics, Chemistry, Environmental Studies, Hydrology, Public Administration and Business.
- Experience in the basic use of databases and computer software. Good computer programming skills in Visual Basic.
- Ability to work accurately, pay attention to detail and work to deadlines. Ability to deal simultaneously with a wide variety of tasks and to organise work efficiently.
- Good communication skills; ability to work well in a team and in a multicultural environment, particularly in liaising with contacts in national administrations and industry.
- Very good knowledge of one of the two official languages of the Organisation (English or French). Knowledge of other languages would be an advantage.
- Some knowledge of energy industry operations and terminology would also be an advantage, but is not required.

Nationals of any OECD Member country are eligible for appointment. Basic salaries range from 2 900 to 3 900 Euros per month, depending on qualifications. The possibilities for advancement are good for candidates with appropriate qualifications and experience. Tentative enquiries about future vacancies are welcomed from men and women with relevant qualifications and experience. Applications in French or English, accompanied by a curriculum vitae, should be sent to:

Personnel and Finance Division
International Energy Agency
9 rue de la Fédération
75739 Paris Cedex 15, France
Email: recruitment@iea.org

Gestionnaire de données sur l'énergie / Statisticien

Vacances d'emploi éventuelles

Agence internationale de l'énergie, Paris, France

L'AIE

L'Agence internationale de l'énergie, établie à Paris, dispense des conseils de politique énergétique à ses 28 pays membres qui s'emploient à assurer pour leurs citoyens des approvisionnements en énergie fiables, propres et à des prix abordables. Créée pendant la crise pétrolière de 1973-74, l'AIE avait pour mission dans un premier temps de coordonner les mesures à prendre en temps de crise des approvisionnements pétroliers. Au fur et à mesure que les marchés de l'énergie évoluaient, l'AIE a elle aussi changé. Son mandat s'est élargi pour prendre en considération les « trois E » qui sont à la base d'une élaboration équilibrée des politiques énergétiques : la sécurité énergétique, le développement économique et la protection de l'environnement. Les travaux actuels de l'Agence sont axés sur les politiques climatiques, la réforme des marchés, la coopération en matière de technologie de l'énergie et les relations avec le reste du monde, notamment avec de grands producteurs et consommateurs d'énergie tels la Chine, l'Inde, la Fédération de Russie et les pays de l'OPEP.

La Division des statistiques de l'énergie, qui compte quelque 30 personnes, offre un environnement dynamique pour de jeunes diplômés de fraîche date ou possédant une ou deux années d'expérience professionnelle.

Description de poste

Les gestionnaires de données/statisticiens compilent, vérifient et diffusent des informations sur tous les aspects de l'énergie, notamment la production, la transformation et la consommation de tous les combustibles, les énergies renouvelables, le système de notification des situations d'urgence, les indicateurs d'efficacité énergétique, les émissions de CO₂, ainsi que les prix et la fiscalité de l'énergie. Les gestionnaires de données sont chargés de recevoir, contrôler et introduire dans des bases de données informatisées de taille importante les données communiquées par les pays membres et d'autres sources. Ils en vérifient l'exhaustivité, corrigent les calculs, et s'assurent de la cohérence interne, de l'exactitude et de l'homogénéité de ces données par rapport aux définitions. A cet effet, ils sont souvent amenés à entreprendre activement des recherches, et à aider à résoudre les anomalies en concertation avec les administrations nationales des pays membres et non membres. Les gestionnaires de données/statisticiens jouent également un rôle essentiel en contribuant à la conception et à l'exécution des macros utilisées pour préparer leur(s) publication(s) de statistiques énergétiques.

Principales qualifications

- Diplôme universitaire dans un domaine se rapportant à l'énergie, aux langages de programmation ou à la statistique. Nous comptons actuellement dans nos effectifs des diplômés en mathématiques, statistiques, technologies de l'information, économie, sciences de l'ingénieur, physique, chimie, sciences de l'environnement, hydrologie, administration publique et études commerciales.
- Notions pratiques de l'utilisation de bases de données et de logiciels. Bonnes compétences en programmation en langage Visual Basic.
- Aptitude à travailler avec précision et sens de la minutie, ainsi qu'à respecter les délais. Aptitude à traiter simultanément des tâches variées et à s'organiser avec efficacité.
- Bonne capacité de communication ; esprit d'équipe avéré et aptitude à travailler dans un environnement pluriculturel, notamment en assurant la liaison avec les contacts dans les administrations nationales et dans l'industrie.
- Très bonne connaissance de l'une des deux langues officielles de l'Organisation (anglais ou français). La connaissance d'autres langues constituerait un avantage.
- Une certaine connaissance des activités de l'industrie de l'énergie et de la terminologie correspondante serait également un atout, mais n'est pas indispensable.

Ces postes sont ouverts aux ressortissants des pays membres de l'OCDE. Les traitements de base sont compris entre 2 900 et 3 900 euros par mois, suivant les qualifications. Les candidats possédant les qualifications et l'expérience appropriées se verront offrir des perspectives de promotion. Les demandes de renseignements sur les postes susceptibles de se libérer qui émanent de personnes dotées des qualifications et de l'expérience voulues seront les bienvenues. Les candidatures, rédigées en français ou en anglais et accompagnées d'un curriculum vitae, doivent être envoyées à l'adresse suivante :

Division du personnel et des finances
Agence internationale de l'énergie
9 rue de la Fédération
75739 Paris Cedex 15, France
Email: recruitment@iea.org

On-Line Data Services

Users can instantly access not only all the data published in this book, but also all the time series used for preparing this publication and all the other statistics publications of the IEA. The data are available on-line, either through annual subscription or pay-per-view access. More information on this service can be found on our website: <http://data.iea.org>

Ten Annual Publications

■ Energy Statistics of OECD Countries, 2009 Edition

No other publication offers such in-depth statistical coverage. It is intended for anyone involved in analytical or policy work related to energy issues. It contains data on energy supply and consumption in original units for coal, oil, natural gas, combustible renewables/wastes and products derived from these primary fuels, as well as for electricity and heat. Complete data are available for 2006 and 2007 and supply estimates are available for the most recent year (*i.e.* 2008). Historical tables summarise data on production, trade and final consumption. Each issue includes definitions of products and flows and explanatory notes on the individual country data.

Published July 2009 - Price €120

■ Energy Balances of OECD Countries, 2009 Edition

A companion volume to *Energy Statistics of OECD Countries*, this publication presents standardised energy balances expressed in million tonnes of oil equivalent. Energy supply and consumption data are divided by main fuel: coal, oil, gas, nuclear, hydro, geothermal/solar, combustible renewables/wastes, electricity and heat. This allows for easy comparison of the contributions each fuel makes to the economy and their interrelationships through the conversion of one fuel to another. All of this is essential for estimating total energy supply, forecasting, energy conservation, and analysing the potential for interfuel substitution. Complete data are available for 2006 and 2007 and supply estimates are available for the most recent year (*i.e.* 2008). Historical tables summarise key energy and economic indicators as well as data on production, trade and final consumption. Each issue includes definitions of products and flows and explanatory notes on the individual country data as well as conversion factors from original units to tonnes of oil equivalent.

Published July 2009 - Price €120

■ Energy Statistics of Non-OECD Countries, 2009 Edition

This publication offers the same in-depth statistical coverage as the homonymous publication covering OECD countries. It includes data in original units for more than 100 individual countries and nine main regions. The consistency of OECD and non-OECD countries' detailed statistics provides an accurate picture of the global energy situation for 2006 and 2007. For a description of the content, please see *Energy Statistics of OECD Countries* above.

Published August 2009 - Price €120

■ **Energy Balances of Non-OECD Countries, 2009 Edition**

A companion volume to the publication *Energy Statistics of Non-OECD Countries*, this publication presents energy balances in million tonnes of oil equivalent and key economic and energy indicators for more than 100 individual countries and nine main regions. It offers the same statistical coverage as the homonymous publication covering OECD countries, and thus provides an accurate picture of the global energy situation for 2006 and 2007. For a description of the content, please see *Energy Balances of OECD Countries* above.

Published August 2009 - Price €120

■ **Electricity Information 2009**

This reference document provides essential statistics on electricity and heat for each OECD member country by bringing together information on production, installed capacity, input energy mix to electricity and heat production, input fuel prices, consumption, end-user electricity prices and electricity trades. The document also presents selected non-OECD country statistics on the main electricity and heat flows. It is an essential document for electricity and heat market and policy analysts.

Published August 2009 - Price €150

■ **Coal Information 2009**

This well-established publication provides detailed information on past and current evolution of the world coal market. It presents country-specific statistics for OECD member countries and selected non-OECD countries on coal production, demand, trade and prices. This publication represents a key reference tool for all those involved in the coal supply or consumption stream, as well as institutions and governments involved in market and policy analysis of the world coal market.

Published August 2009 - Price €165

■ **Natural Gas Information 2009**

A detailed reference work on gas supply and demand, covering not only the OECD countries but also the rest of the world. Contains essential information on LNG and pipeline trade, gas reserves, storage capacity and prices. The main part of the book, however, concentrates on OECD countries, showing a detailed gas supply and demand balance for each individual country and for the three OECD regions: North America, Europe and Asia-Pacific, as well as a breakdown of gas consumption by end-user. Import and export data are reported by source and destination.

Published August 2009 - Price €165

■ **Oil Information 2009**

A comprehensive reference book on current developments in oil supply and demand. The first part of this publication contains key data on world production, trade, prices and consumption of major oil product groups, with time series back to the early 1970s. The second part gives a more detailed and comprehensive picture of oil supply, demand, trade, production and consumption by end-user for each OECD country individually and for the OECD regions. Trade data are reported extensively by origin and destination.

Published August 2009 - Price €165

■ Renewables Information 2009

This reference document brings together in one volume essential statistics on renewables and waste energy sources. It presents a detailed and comprehensive picture of developments for renewable and waste energy sources for each of the OECD member countries, encompassing energy indicators, generating capacity, electricity and heat production from renewable and waste sources, as well as production and consumption of renewable and waste products. It also includes a selection of indicators for non-OECD countries. This report provides a strong foundation for renewables energy policy and market analysis to assess progress towards domestic and international objectives.

Published August 2009 - Price €110

■ CO₂ Emissions from Fuel Combustion, 2009 Edition

In order for nations to tackle the problem of climate change, they need accurate greenhouse gas emissions data. This publication provides a basis for comparative analysis of CO₂ emissions from fossil fuel combustion, a major source of anthropogenic emissions. The data in this book are designed to assist in understanding the evolution of the emissions of CO₂ from 1971 to 2007 for more than 140 countries and regions by sector and by fuel. Emissions were calculated using IEA energy databases and the default methods and emissions factors from the *Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories*.

Published November 2009 - Price €165

Two Quarterlies

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ENERGY BALANCES OF NON-OECD COUNTRIES

This volume contains data for 2006 and 2007 on the supply and consumption of coal, oil, gas, electricity, heat, renewables and waste presented as comprehensive energy balances, expressed in tonnes of oil equivalent, for over 100 non-OECD countries.

Historical tables summarise production, trade and final consumption data as well as key energy and economic indicators. This book includes definitions of products and flows, explanatory notes on the individual country data and conversion factors from original units to energy units.

More detailed data in original units are published in the 2009 edition of *Energy Statistics of Non-OECD Countries*, the sister volume of this publication.

BILANS ÉNERGÉTIQUES DES PAYS NON MEMBRES

Cet ouvrage présente des données pour 2006 et 2007 sur l'approvisionnement et la consommation de charbon, de pétrole, de gaz, d'électricité, de chaleur, d'énergies renouvelables et de déchets sous forme de bilans énergétiques complets, exprimés en tonnes d'équivalent pétrole, pour plus de 100 pays ne faisant pas partie de l'OCDE. Les tableaux historiques présentent une synthèse des données sur la production, les échanges et la consommation finale ainsi que des principaux indicateurs économiques et énergétiques.

On trouvera dans cet ouvrage des définitions des produits et des flux, des notes explicatives sur les données de chaque pays, ainsi que les facteurs de conversion entre les unités d'origine et les unités énergétiques.

Des données plus détaillées, exprimées en unités d'origine, sont publiées dans l'édition 2009 des *Statistiques de l'énergie des pays non membres*, recueil publié parallèlement au présent document.

